

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044233.D
 Acq On : 11 Dec 2024 17:18
 Operator : JC/MD
 Sample : P4368-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Dec 12 05:34:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 05:32:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	137794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127985	52.974	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	=	105.940%	
35) Dibromofluoromethane	5.385	113	88067	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	98.620%	
50) Toluene-d8	8.647	98	307904	51.099	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	=	102.200%	
62) 4-Bromofluorobenzene	11.079	95	96761	45.957	ug/l	0.00
Spiked Amount 50.000	Range 77	- 121	Recovery	=	91.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	989	0.464	ug/l	86
3) Chloromethane	1.294	50	1211	0.594	ug/l #	76
4) Vinyl Chloride	1.374	62	1007	0.474	ug/l	91
5) Bromomethane	1.593	94	1251	0.831	ug/l #	80
6) Chloroethane	1.666	64	1100	0.832	ug/l #	82
7) Trichlorofluoromethane	1.874	101	2007	0.483	ug/l	96
8) Diethyl Ether	2.130	74	662	0.467	ug/l #	31
9) 1,1,2-Trichlorotrifluo...	2.306	101	846	0.503	ug/l	88
10) Methyl Iodide	2.447	142	916	0.413	ug/l	95
11) Tert butyl alcohol	2.940	59	3875	11.380	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	852	0.552	ug/l #	74
13) Acrolein	2.233	56	1113	2.258	ug/l	100
14) Allyl chloride	2.654	41	1645m	0.639	ug/l	
15) Acrylonitrile	3.068	53	2109	2.236	ug/l	98
16) Acetone	2.386	43	2317	2.352	ug/l	90
17) Carbon Disulfide	2.495	76	1441	0.491	ug/l #	84
18) Methyl Acetate	2.715	43	1761m	0.693	ug/l	
19) Methyl tert-butyl Ether	3.123	73	2946	0.489	ug/l	98
20) Methylene Chloride	2.788	84	1182	0.639	ug/l #	85
21) trans-1,2-Dichloroethene	3.081	96	908	0.553	ug/l #	61
22) Diisopropyl ether	3.763	45	2575	0.445	ug/l #	51
23) Vinyl Acetate	3.733	43	8709	1.849	ug/l	99
24) 1,1-Dichloroethane	3.605	63	1437	0.445	ug/l #	83
25) 2-Butanone	4.629	43	3252m	2.322	ug/l	
26) 2,2-Dichloropropane	4.471	77	1160	0.442	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	1201	0.576	ug/l	62
28) Bromochloromethane	4.897	49	674m	0.426	ug/l	
29) Tetrahydrofuran	5.044	42	2432m	2.706	ug/l	
30) Chloroform	5.086	83	1807	0.498	ug/l #	71
31) Cyclohexane	5.464	56	1138	0.436	ug/l #	62
32) 1,1,1-Trichloroethane	5.385	97	1281	0.425	ug/l #	36
36) 1,1-Dichloropropene	5.708	75	1181	0.512	ug/l	88
37) Ethyl Acetate	4.782	43	846	0.296	ug/l #	71
38) Carbon Tetrachloride	5.678	117	1350m	0.543	ug/l	
39) Methylcyclohexane	7.379	83	1252	0.454	ug/l #	88
40) Benzene	6.044	78	2920	0.417	ug/l #	71

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	197	0.130	ug/l #	23
42) 1,2-Dichloroethane	6.105	62	1610	0.558	ug/l #	78
43) Isopropyl Acetate	6.361	43	2074	0.465	ug/l #	80
44) Trichloroethene	7.141	130	933	0.534	ug/l	91
45) 1,2-Dichloropropane	7.427	63	699m	0.390	ug/l	
46) Dibromomethane	7.592	93	570	0.410	ug/l	96
47) Bromodichloromethane	7.824	83	1073	0.447	ug/l #	68
48) Methyl methacrylate	7.671	41	204	0.094	ug/l #	42
49) 1,4-Dioxane	7.757	88	23	0.641	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	5564	1.940	ug/l	96
52) Toluene	8.714	92	1772	0.403	ug/l	91
53) t-1,3-Dichloropropene	8.994	75	949	0.404	ug/l #	59
54) cis-1,3-Dichloropropene	8.385	75	979	0.375	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	860	0.492	ug/l #	78
56) Ethyl methacrylate	9.134	69	694	0.251	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	1292	0.424	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.257	63	2921	2.098	ug/l	93
59) 2-Hexanone	9.445	43	3389	1.633	ug/l	95
60) Dibromochloromethane	9.525	129	626	0.373	ug/l	81
61) 1,2-Dibromoethane	9.610	107	752	0.422	ug/l	94
64) Tetrachloroethene	9.275	164	736	0.519	ug/l	86
65) Chlorobenzene	10.086	112	2328	0.508	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	659	0.448	ug/l #	67
67) Ethyl Benzene	10.195	91	3551	0.449	ug/l	89
68) m/p-Xylenes	10.305	106	2764	0.952	ug/l	98
69) o-Xylene	10.640	106	1160	0.395	ug/l	83
70) Styrene	10.665	104	1854	0.394	ug/l	94
71) Bromoform	10.811	173	366	0.390	ug/l #	87
73) Isopropylbenzene	10.969	105	3009	0.460	ug/l	98
74) N-amyl acetate	10.854	43	1052	0.348	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.207	83	1021	0.449	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	55204	28.908	ug/l #	36
77) Bromobenzene	11.195	156	894	0.563	ug/l	96
78) n-propylbenzene	11.305	91	3251	0.449	ug/l	98
79) 2-Chlorotoluene	11.366	91	2593	0.554	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2582	0.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	55204	92.908	ug/l #	4
82) 4-Chlorotoluene	11.463	91	2621	0.506	ug/l	98
83) tert-Butylbenzene	11.713	119	2444	0.455	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	2461	0.462	ug/l	95
85) sec-Butylbenzene	11.890	105	2733	0.420	ug/l	98
86) p-Isopropyltoluene	12.012	119	2048	0.378	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1562	0.563	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	1793m	0.629	ug/l	
89) n-Butylbenzene	12.335	91	1655	0.363	ug/l	96
90) Hexachloroethane	12.542	117	299	0.378	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	1490	0.517	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	75	0.170	ug/l #	56
93) 1,2,4-Trichlorobenzene	13.591	180	774	0.490	ug/l	84
94) Hexachlorobutadiene	13.725	225	293	0.461	ug/l	93
95) Naphthalene	13.780	128	2536	0.412	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	821	0.490	ug/l	95

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QLast Update : Thu Dec 12 05:32:01 2024
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Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations
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Supervised By :Mahesh Dadoda 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

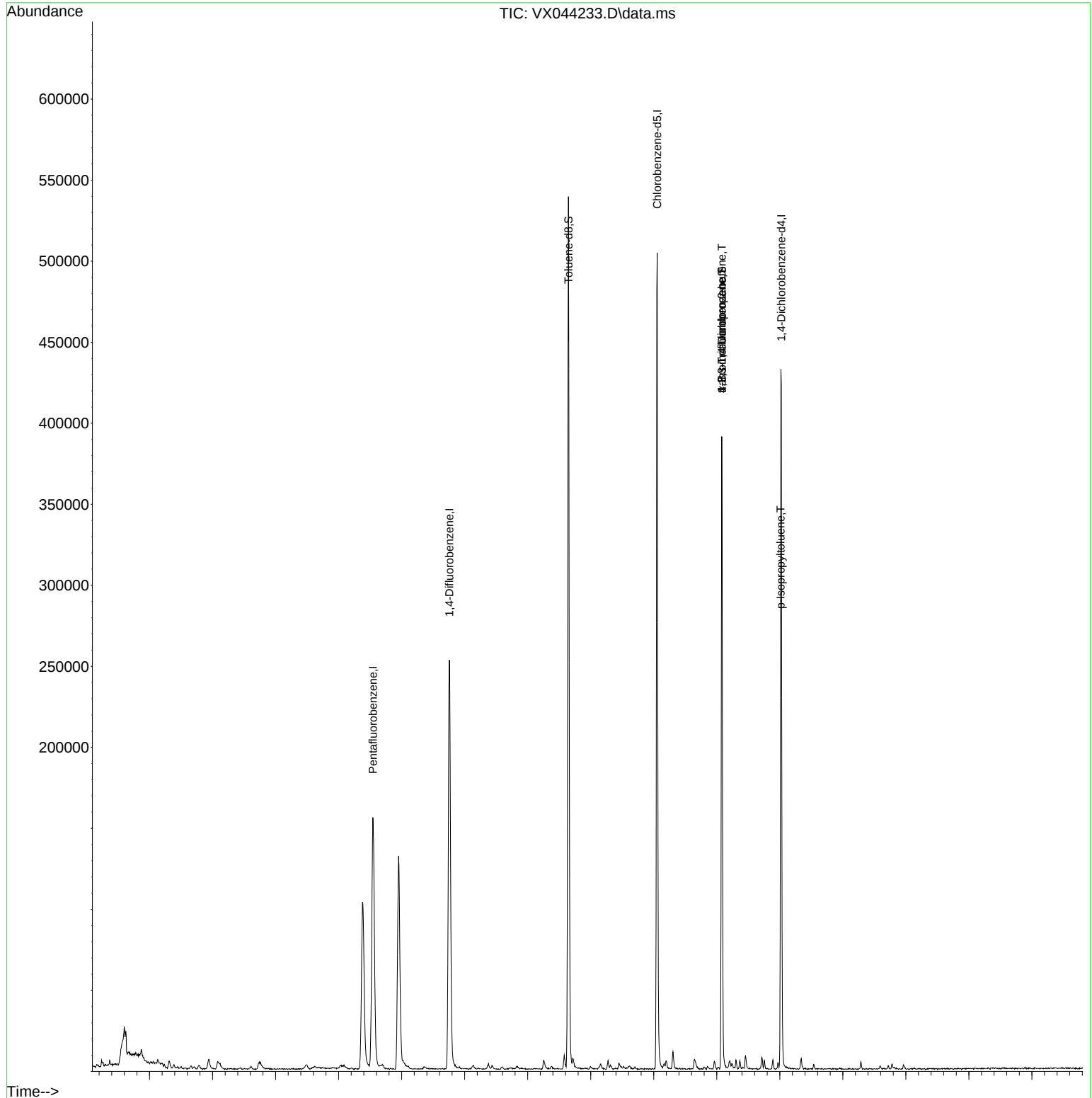
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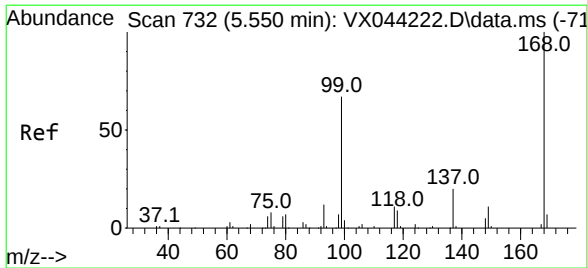
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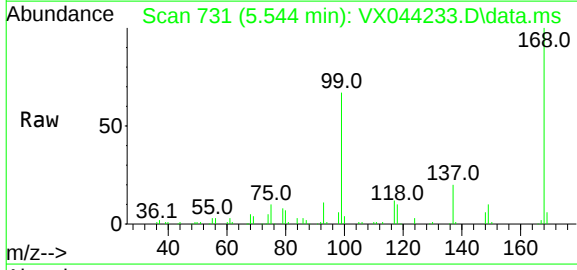
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044233.D
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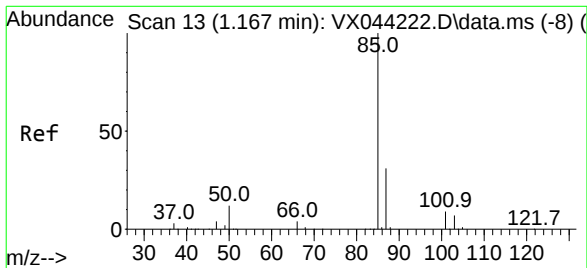
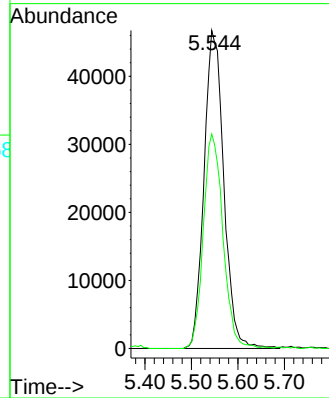
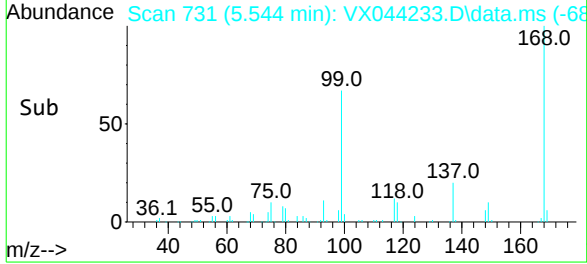
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 168 Resp: 137794
Ion Ratio Lower Upper
168 100
99 67.4 53.4 80.0

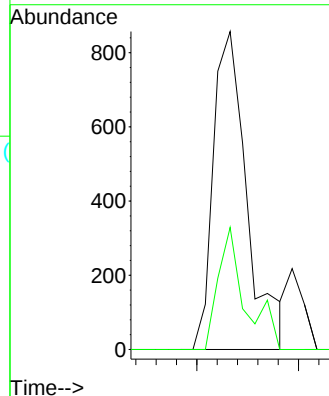
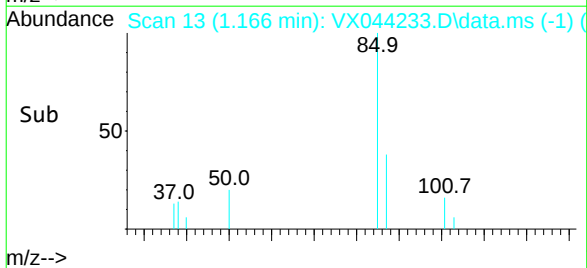
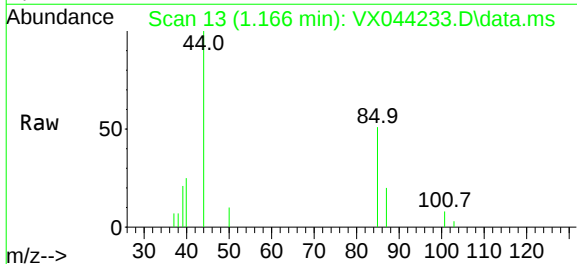
Manual Integrations
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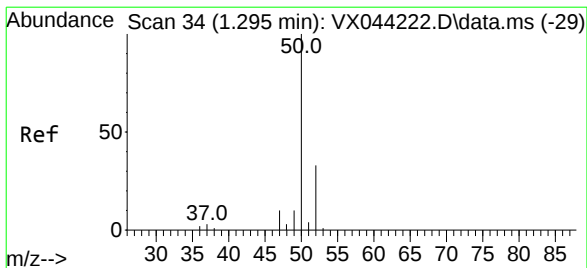
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#2
Dichlorodifluoromethane
Concen: 0.464 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 85 Resp: 989
Ion Ratio Lower Upper
85 100
87 38.4 15.4 46.4





#3

Chloromethane

Concen: 0.594 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

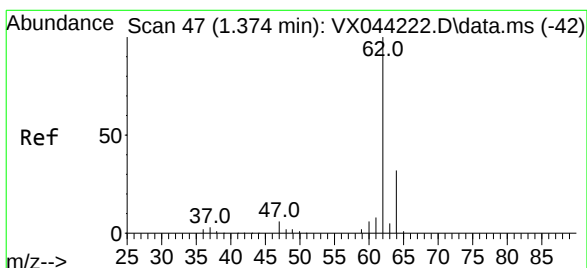
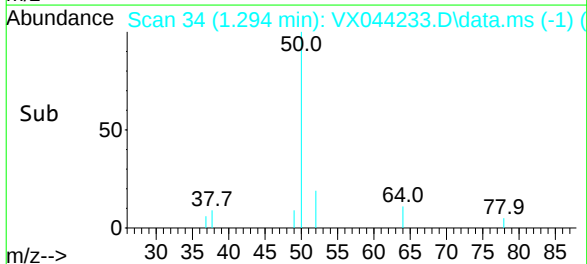
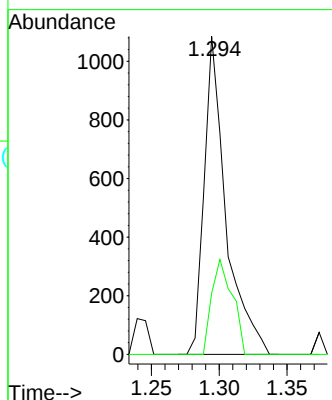
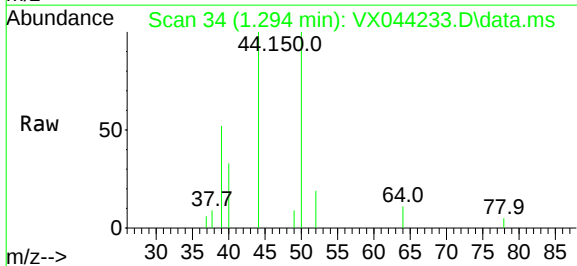
Tgt Ion	Ratio	Lower	Upper
50	100		
52	19.3	26.5	39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.474 ug/l

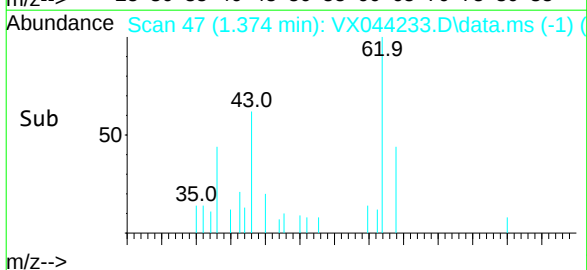
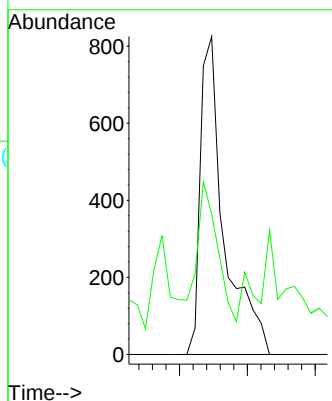
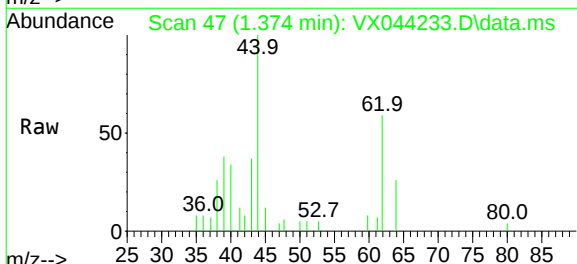
RT: 1.374 min Scan# 47

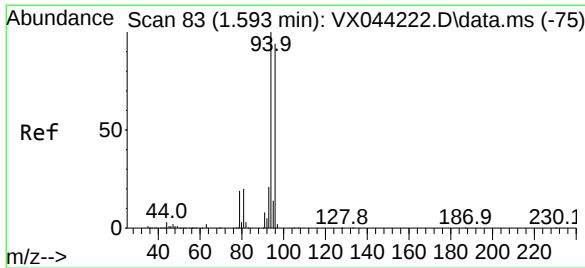
Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

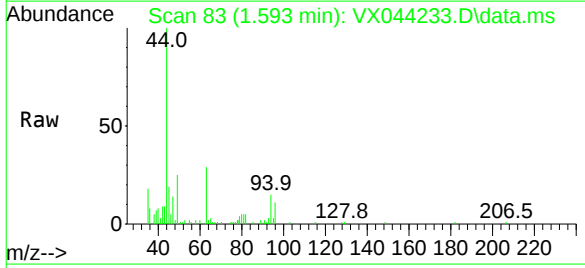
Tgt Ion	Ratio	Lower	Upper
62	100		
64	26.9	25.7	38.5





#5
Bromomethane
Concen: 0.831 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

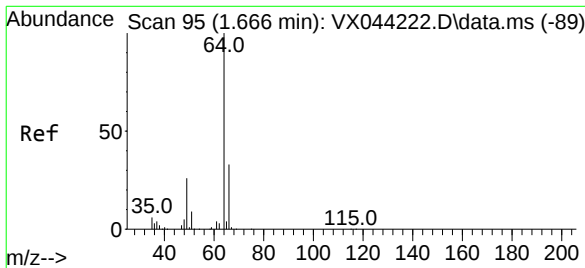
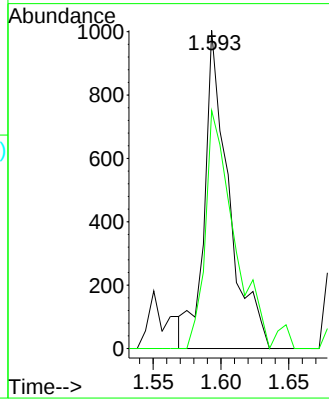
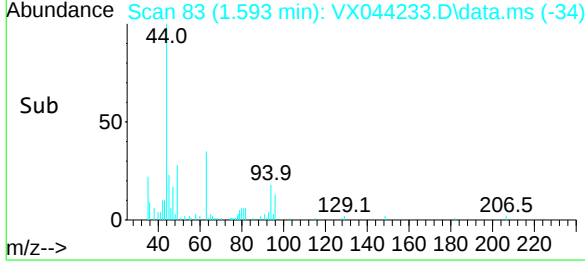
Instrument : MSVOA_X
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Tgt Ion: 94 Resp: 1251
Ion Ratio Lower Upper
94 100
96 74.8 74.9 112.3#

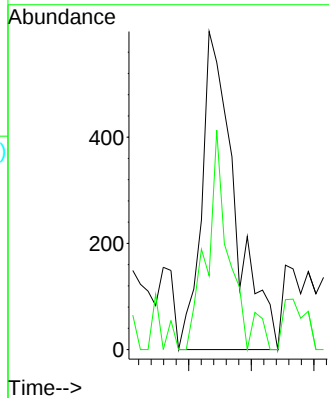
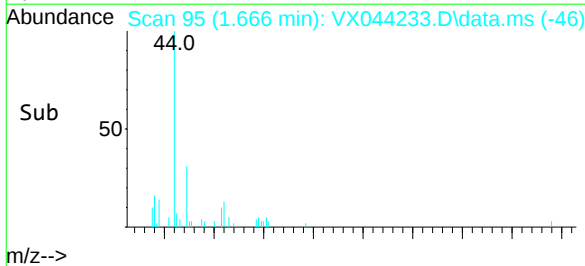
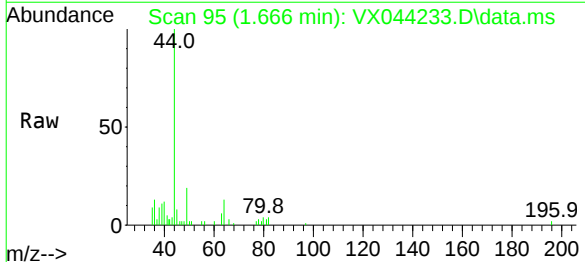
Manual Integrations
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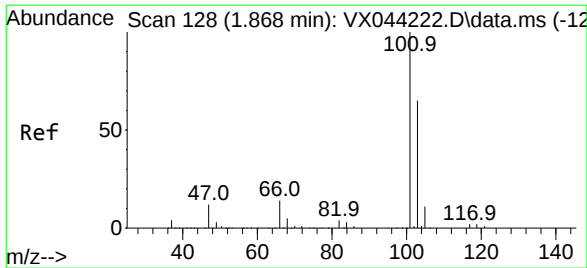
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 0.832 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

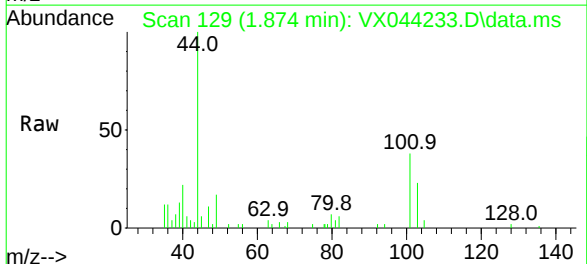
Tgt Ion: 64 Resp: 1100
Ion Ratio Lower Upper
64 100
66 23.2 26.6 39.8#





#7
 Trichlorofluoromethane
 Concen: 0.483 ug/l
 RT: 1.874 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VX044233.D
 Acq: 11 Dec 2024 17:18

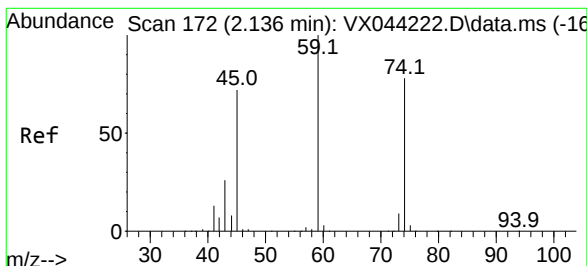
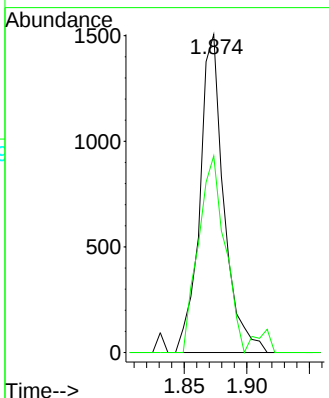
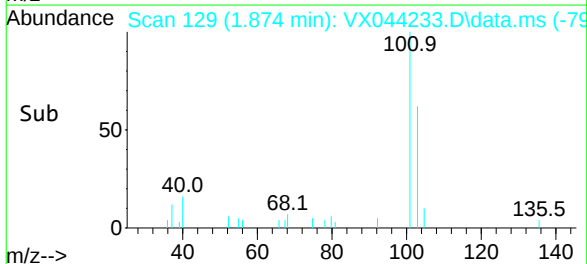
Instrument :
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Tgt Ion: 101 Resp: 2007
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.8

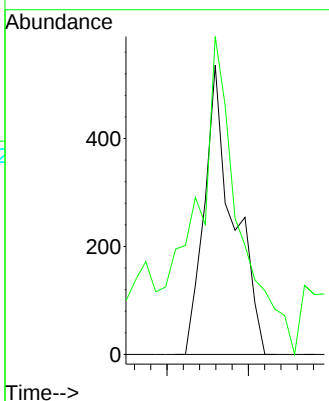
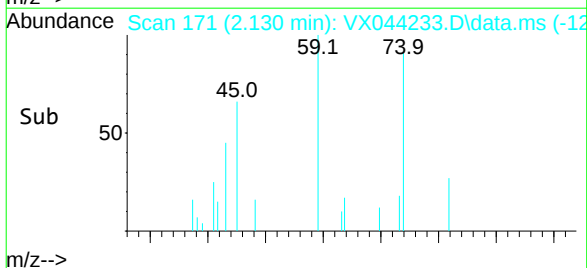
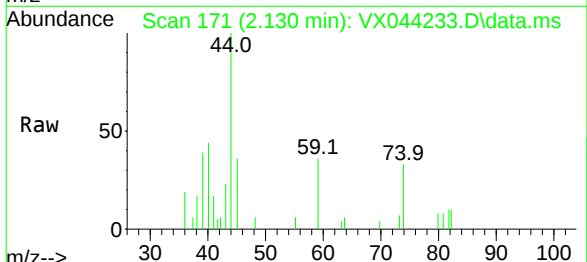
Manual Integrations
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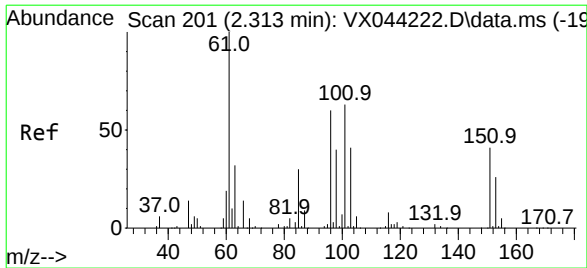
Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024



#8
 Diethyl Ether
 Concen: 0.467 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044233.D
 Acq: 11 Dec 2024 17:18

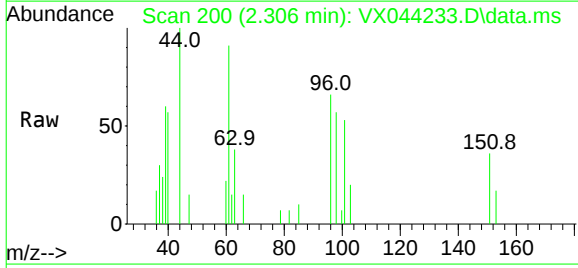
Tgt Ion: 74 Resp: 662
 Ion Ratio Lower Upper
 74 100
 45 164.0 48.4 145.0#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.503 ug/l
RT: 2.306 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

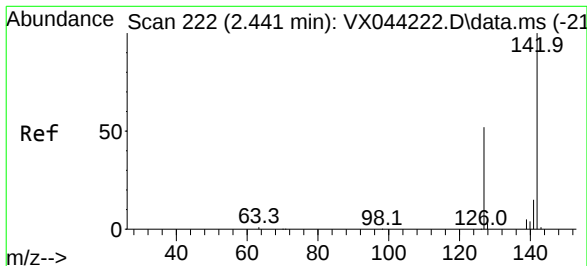
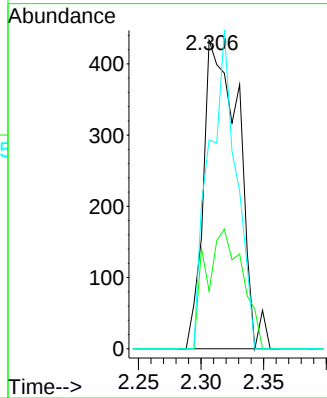
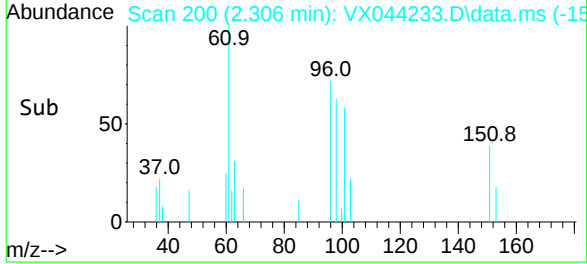
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:101 Resp: 846
Ion Ratio Lower Upper
101 100
85 40.2 38.5 57.7
151 79.8 55.8 83.6

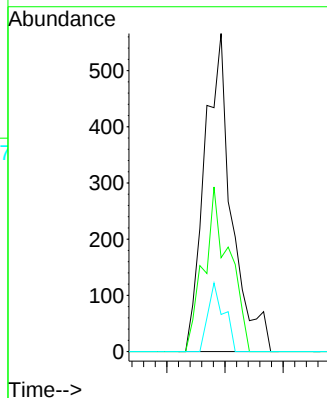
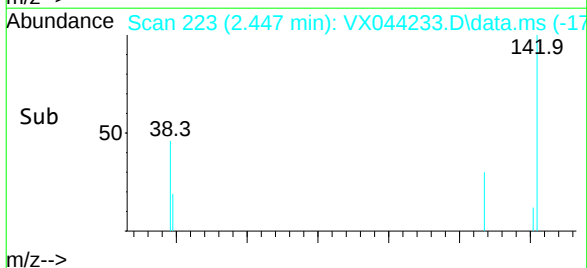
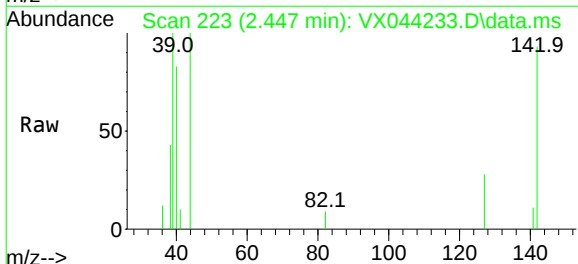
Manual Integrations
APPROVED

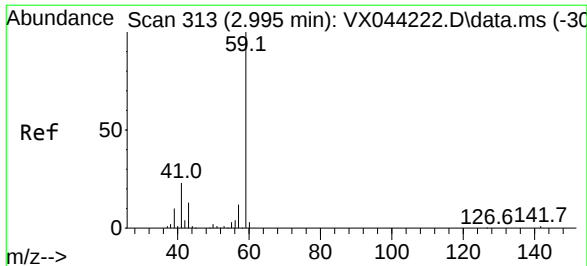
Reviewed By :John Carbone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 0.413 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:142 Resp: 916
Ion Ratio Lower Upper
142 100
127 48.8 41.8 62.8
141 12.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 11.380 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

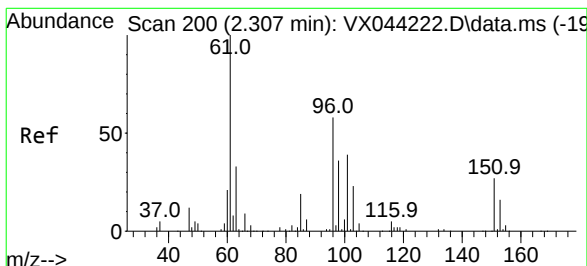
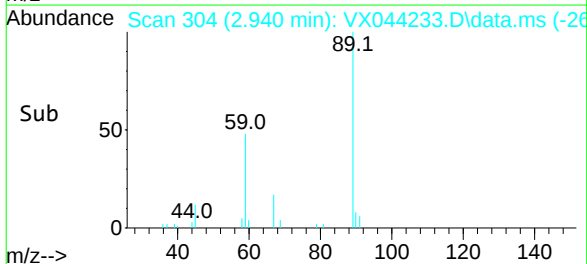
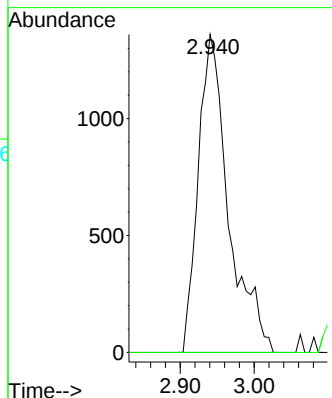
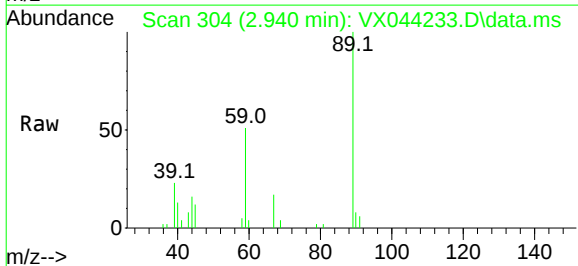
Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 0.552 ug/l

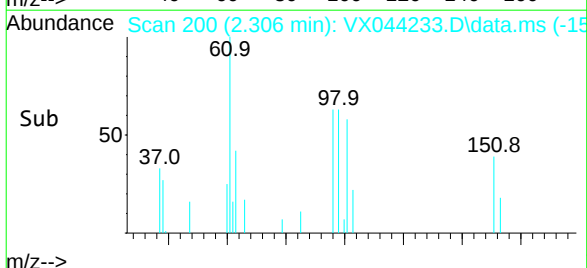
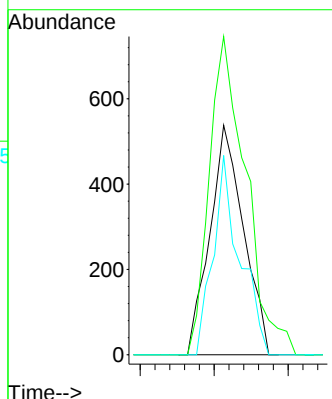
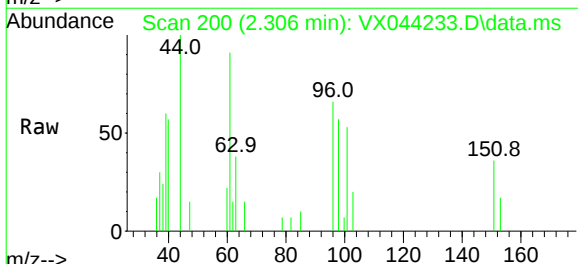
RT: 2.306 min Scan# 200

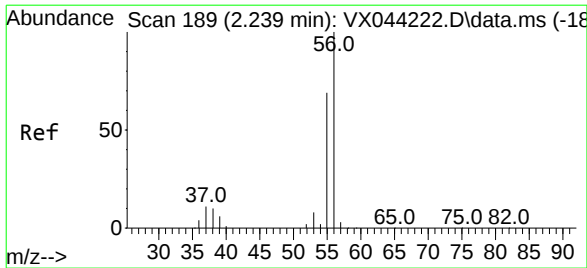
Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	138.0	207.0
98	86.8	50.0	75.0





#13

Acrolein

Concen: 2.258 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044233.D

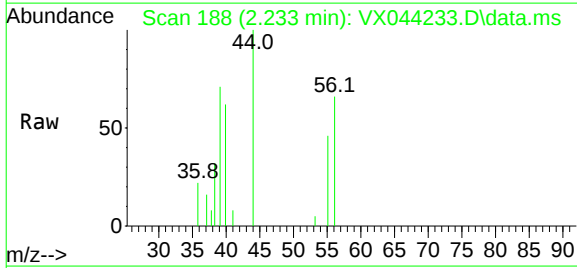
Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 1113

Ion Ratio Lower Upper

56 100

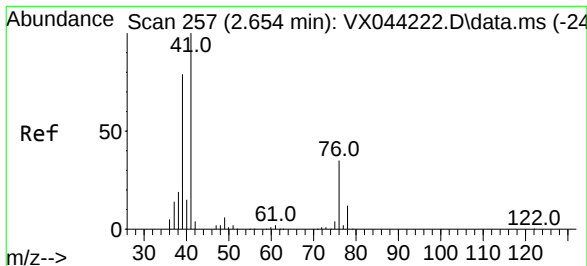
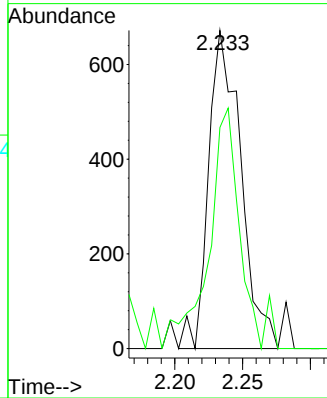
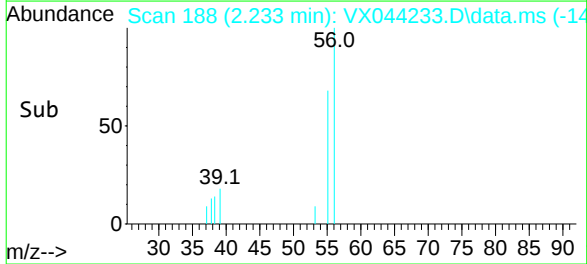
55 70.5 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#14

Allyl chloride

Concen: 0.639 ug/l m

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

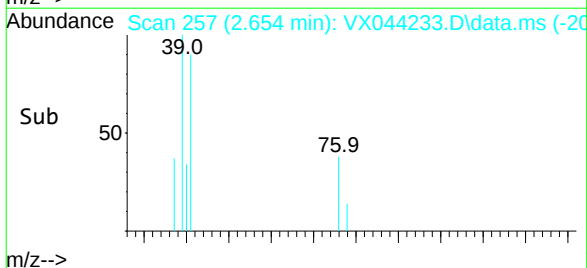
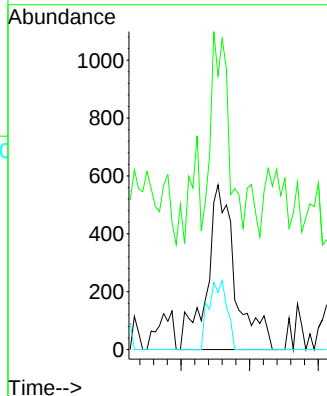
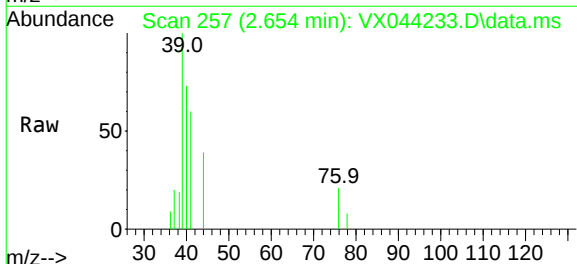
Tgt Ion: 41 Resp: 1645

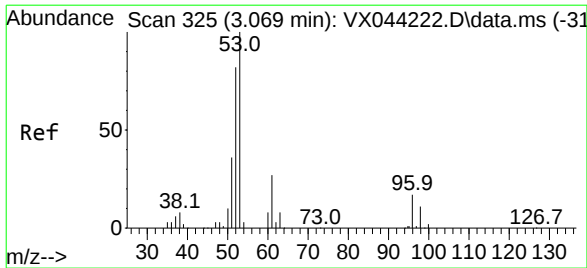
Ion Ratio Lower Upper

41 100

39 71.7 61.9 92.9

76 27.2 27.4 41.2#





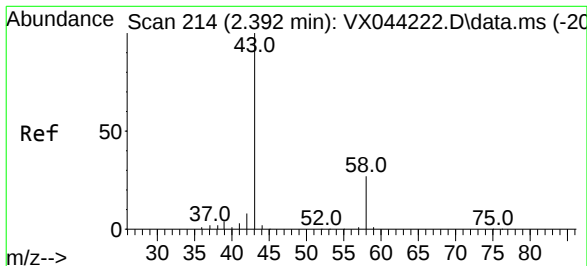
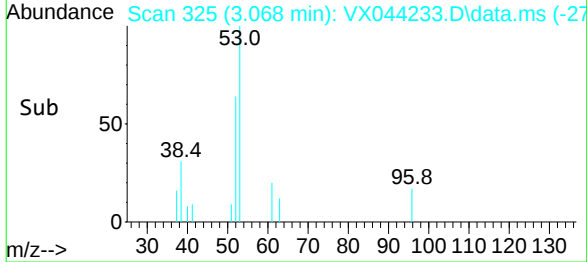
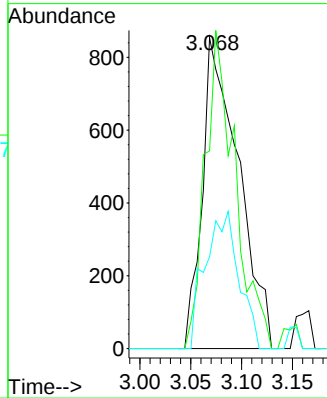
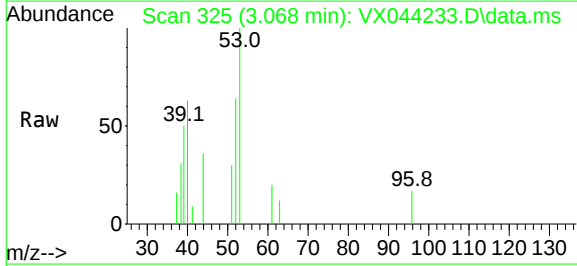
#15
Acrylonitrile
Concen: 2.236 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.4	101.0
51	41.2	30.3	45.5

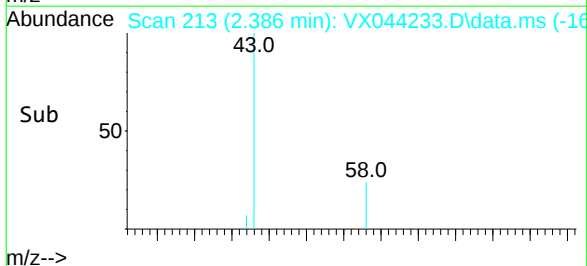
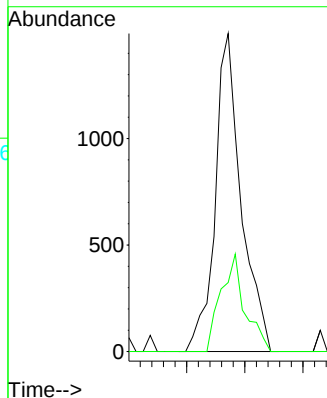
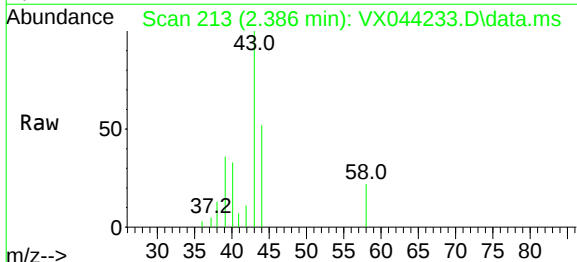
Manual Integrations
APPROVED

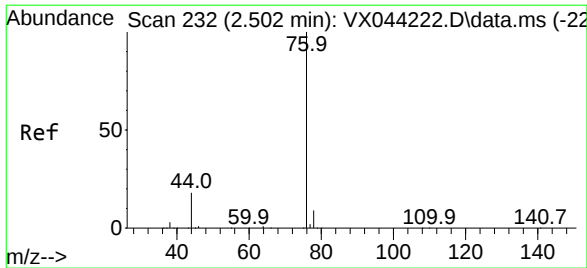
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 2.352 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	21.7	21.6	32.4





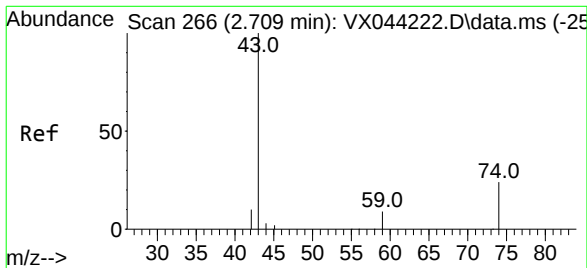
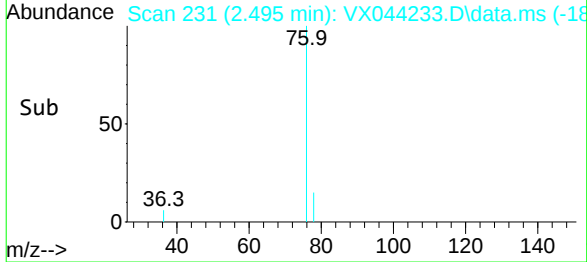
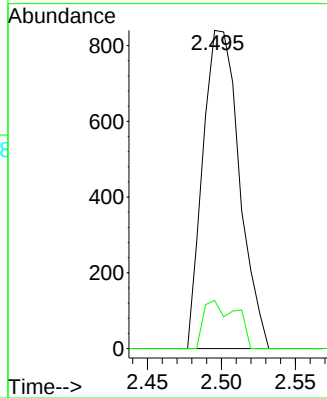
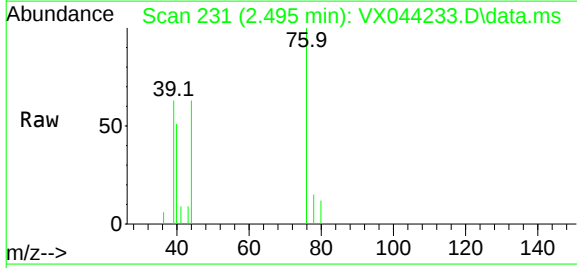
#17
Carbon Disulfide
Concen: 0.491 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 76 Resp: 1441
Ion Ratio Lower Upper
76 100
78 15.1 7.4 11.0#

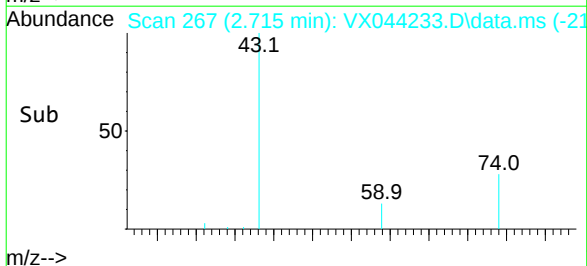
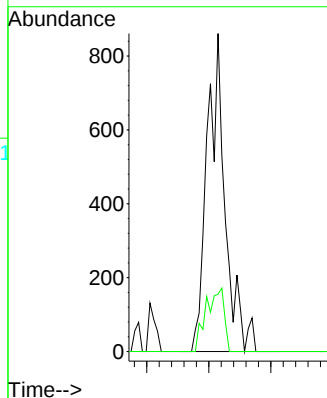
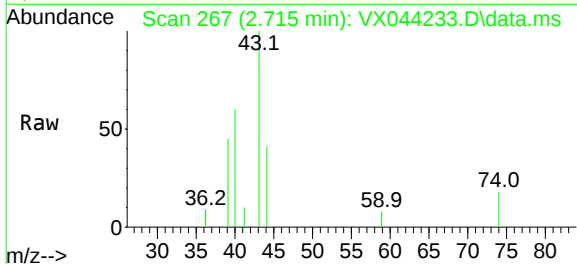
Manual Integrations
APPROVED

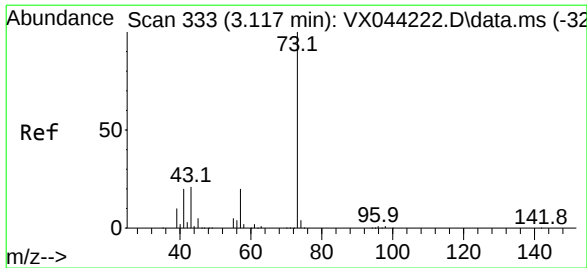
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#18
Methyl Acetate
Concen: 0.693 ug/l m
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
74 19.6 17.7 26.5





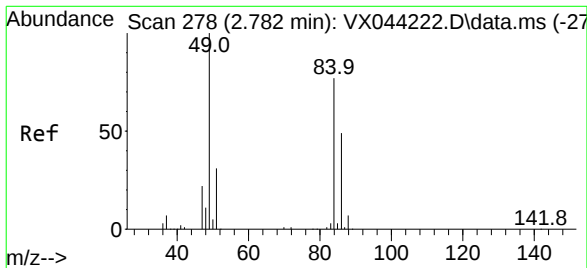
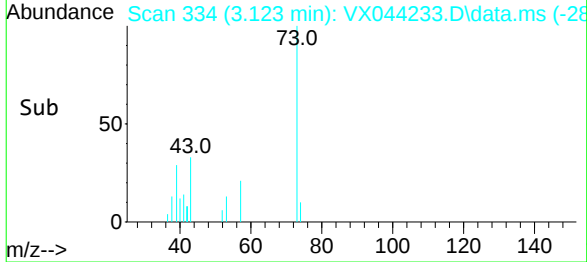
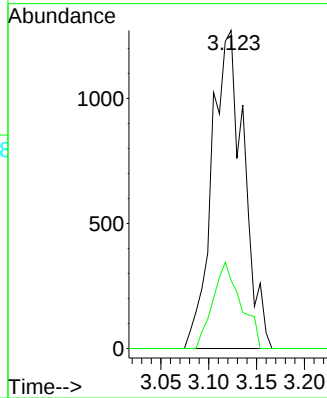
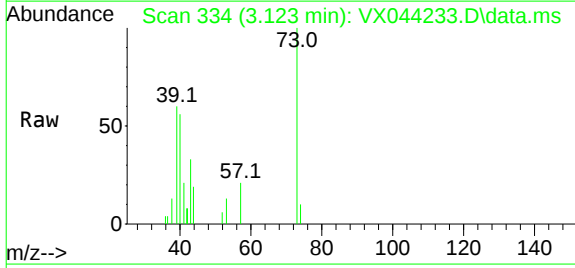
#19
Methyl tert-butyl Ether
Concen: 0.489 ug/l
RT: 3.123 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 73 Resp: 2946
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4

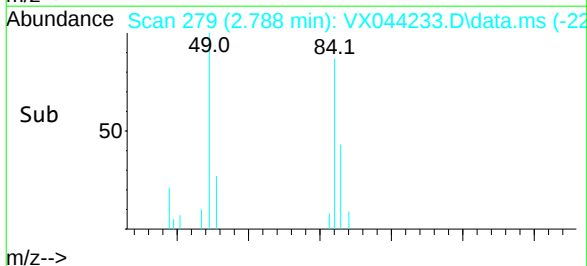
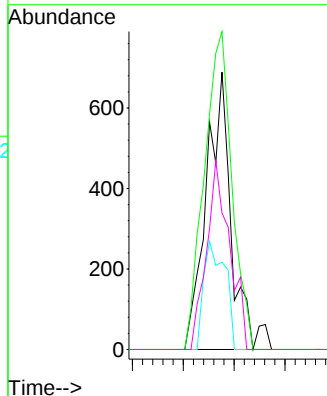
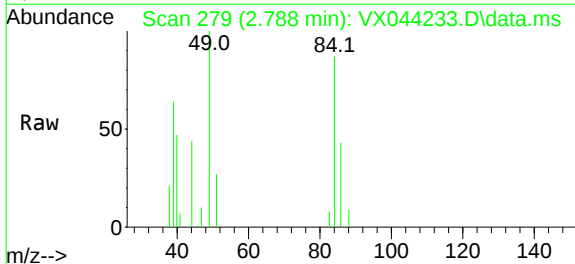
Manual Integrations
APPROVED

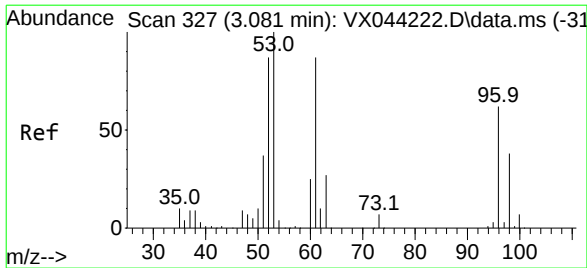
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 0.639 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

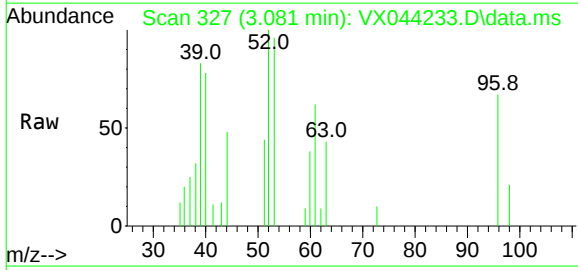
Tgt Ion: 84 Resp: 1182
Ion Ratio Lower Upper
84 100
49 114.7 104.2 156.4
51 31.5 32.2 48.4#
86 49.2 50.9 76.3#





#21
trans-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

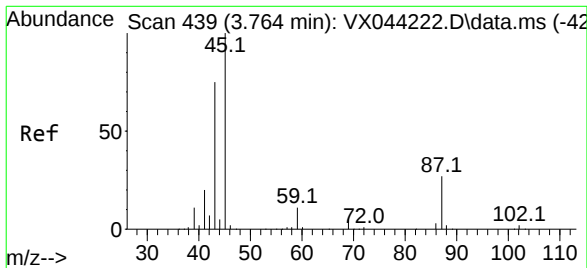
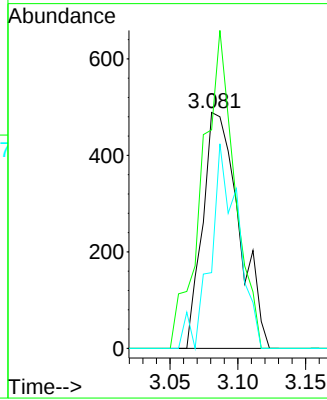
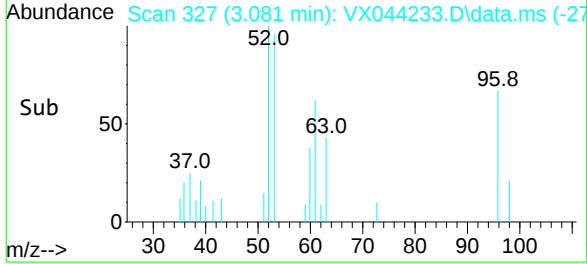
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	96	Resp:	908
Ion	Ratio	Lower	Upper
96	100		
61	92.6	112.0	168.0#
98	32.1	48.8	73.2#

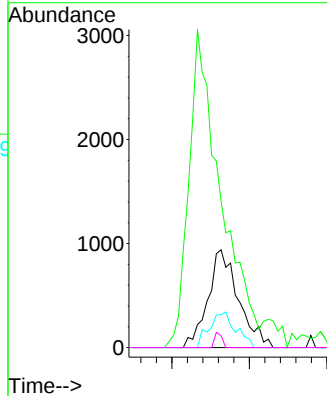
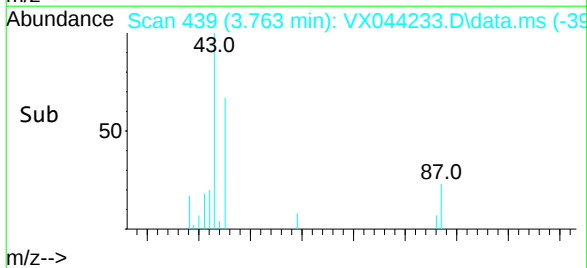
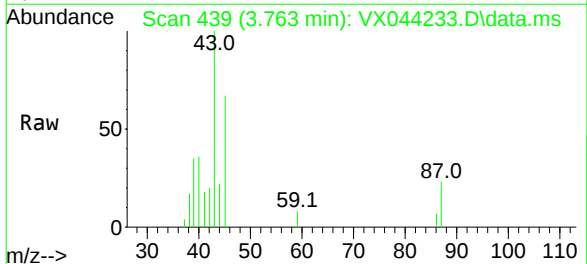
Manual Integrations
APPROVED

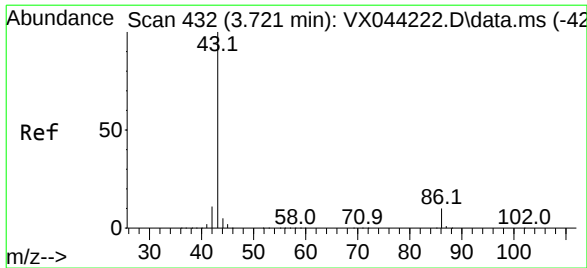
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#22
Diisopropyl ether
Concen: 0.445 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	45	Resp:	2575
Ion	Ratio	Lower	Upper
45	100		
43	132.9	60.2	90.2#
87	33.7	21.2	31.8#
59	12.1	8.9	13.3





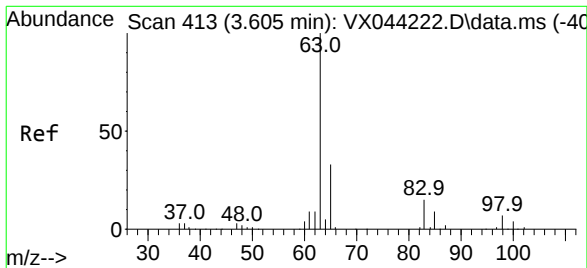
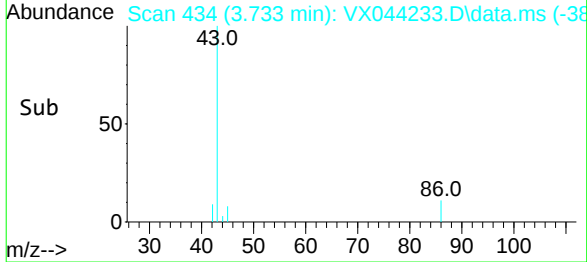
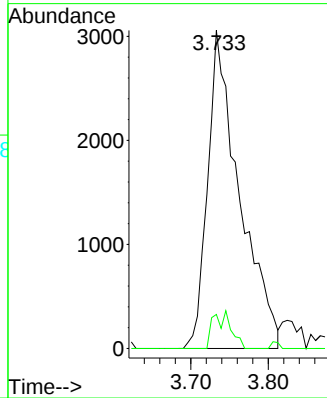
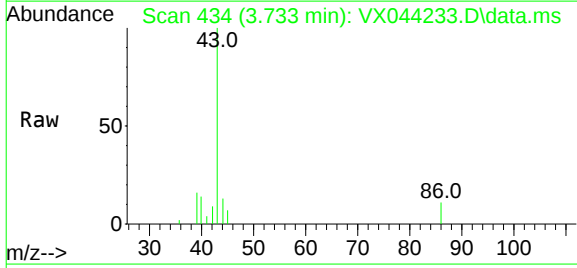
#23
 Vinyl Acetate
 Concen: 1.849 ug/l
 RT: 3.733 min Scan# 43
 Delta R.T. 0.012 min
 Lab File: VX044233.D
 Acq: 11 Dec 2024 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 8709
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2

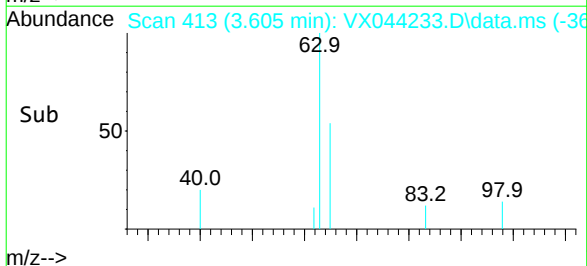
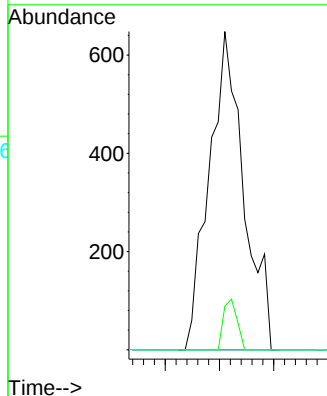
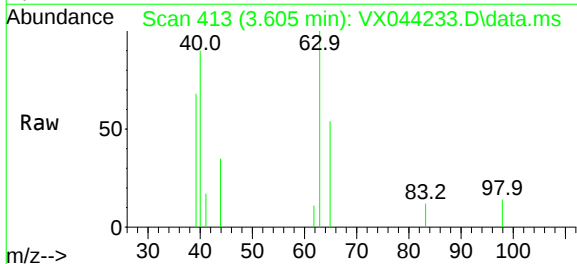
Manual Integrations
 APPROVED

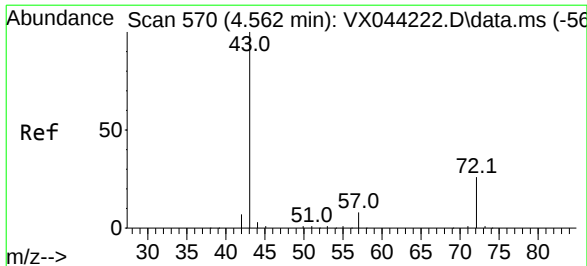
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#24
 1,1-Dichloroethane
 Concen: 0.445 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044233.D
 Acq: 11 Dec 2024 17:18

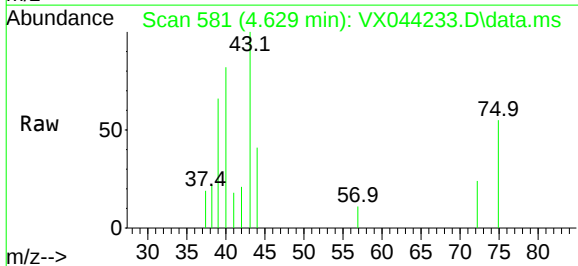
Tgt Ion: 63 Resp: 1437
 Ion Ratio Lower Upper
 63 100
 98 13.7 3.6 10.8#
 100 0.0 2.1 6.3#





#25
2-Butanone
Concen: 2.322 ug/l m
RT: 4.629 min Scan# 58
Delta R.T. 0.067 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

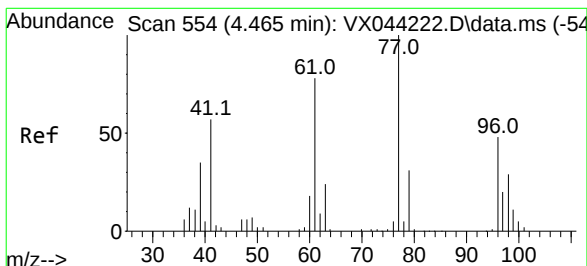
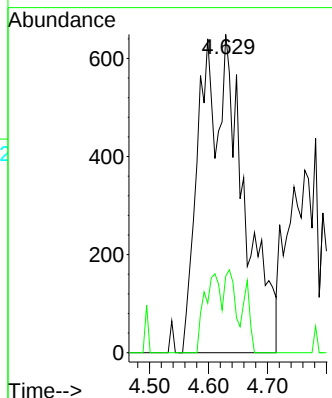
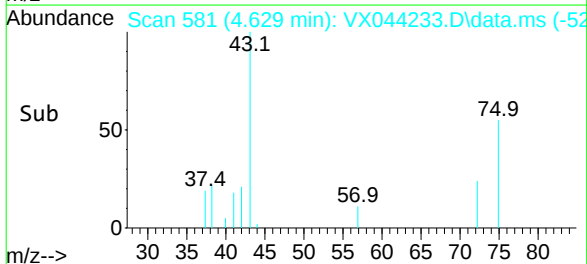
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 3252
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.4

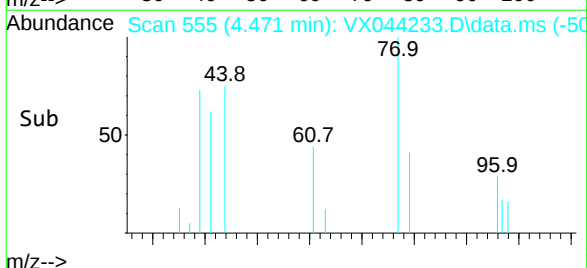
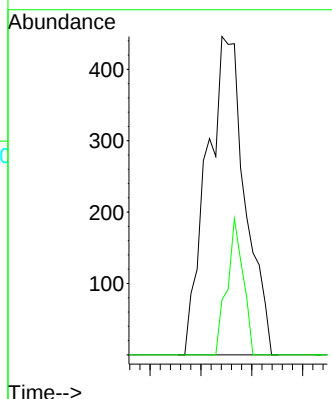
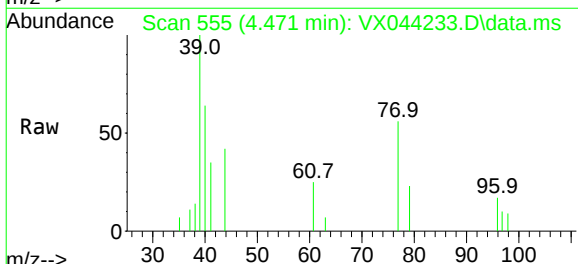
Manual Integrations
APPROVED

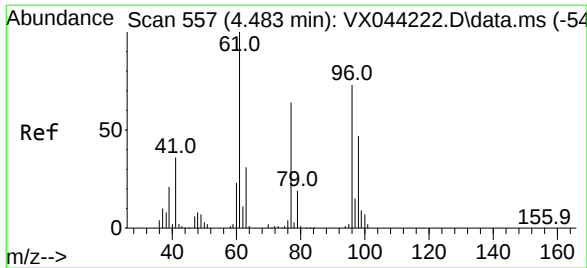
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 0.442 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

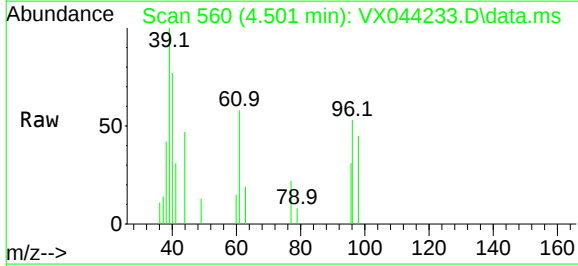
Tgt Ion: 77 Resp: 1160
Ion Ratio Lower Upper
77 100
97 18.1 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 0.576 ug/l
RT: 4.501 min Scan# 56
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

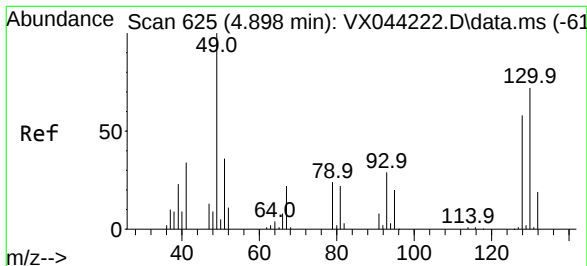
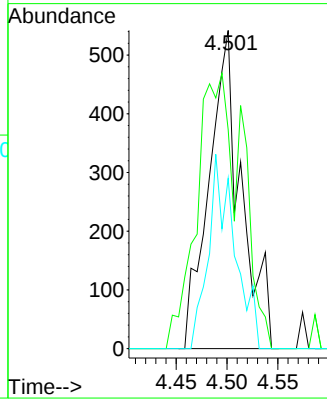
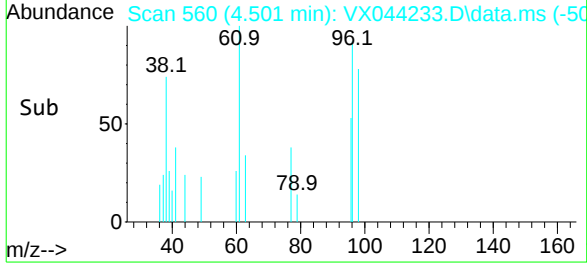
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 1201
Ion Ratio Lower Upper
96 100
61 90.4 0.0 299.0
98 49.3 0.0 129.0

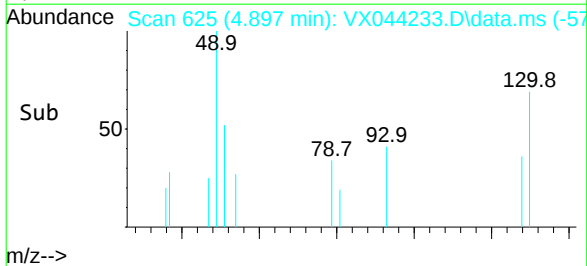
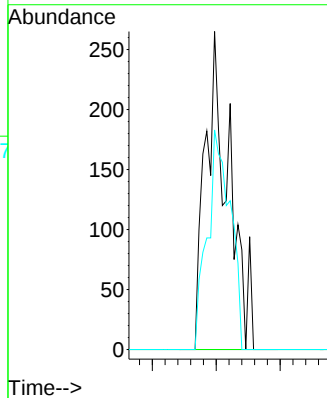
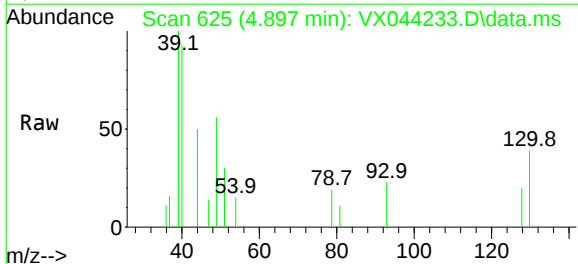
Manual Integrations
APPROVED

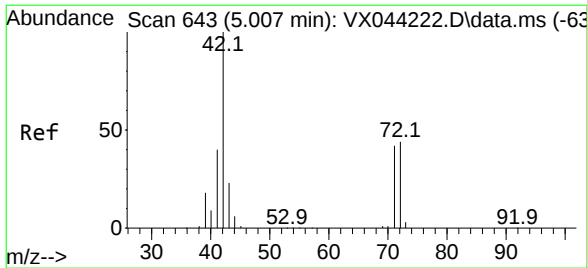
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#28
Bromochloromethane
Concen: 0.426 ug/l m
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 49 Resp: 674
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 67.7 62.1 93.1





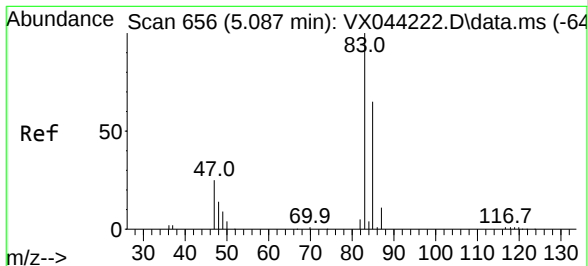
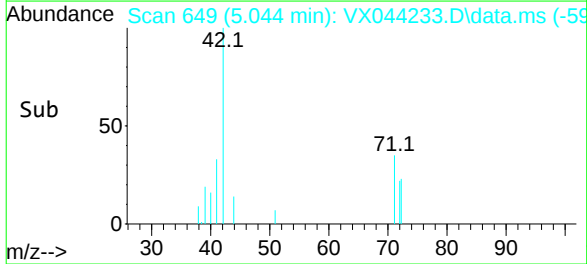
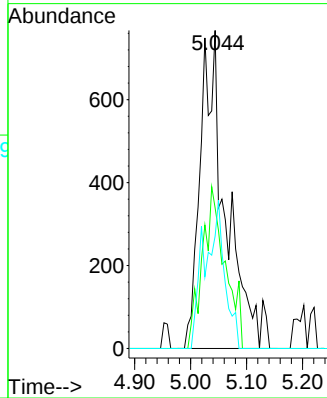
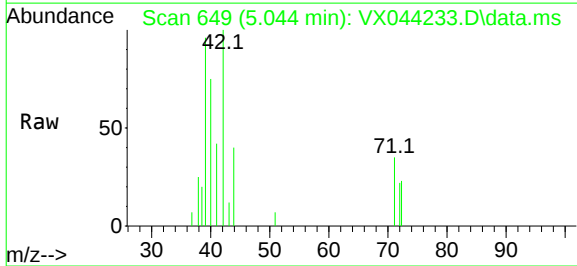
#29
Tetrahydrofuran
Concen: 2.706 ug/l m
RT: 5.044 min Scan# 64
Delta R.T. 0.036 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 42 Resp: 2432
Ion Ratio Lower Upper
42 100
72 45.4 37.0 55.6
71 19.2 33.6 50.4#

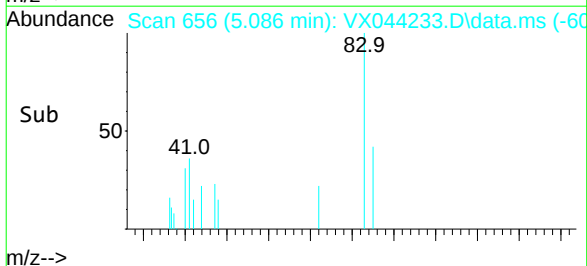
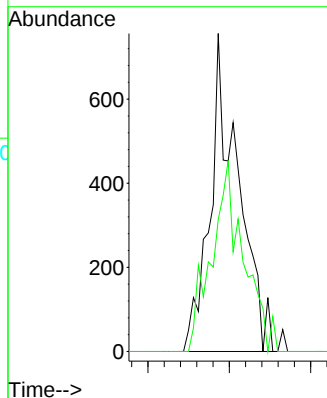
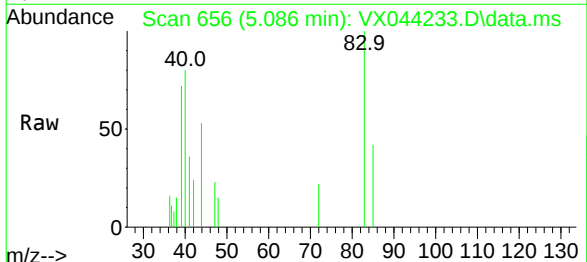
Manual Integrations
APPROVED

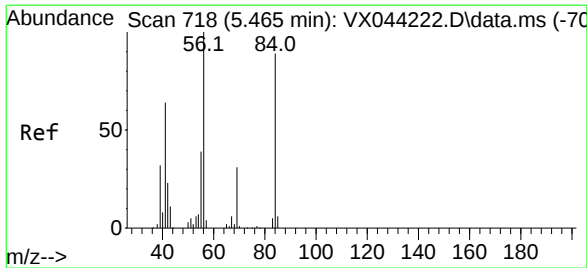
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 0.498 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 83 Resp: 1807
Ion Ratio Lower Upper
83 100
85 41.5 51.6 77.4#





#31

Cyclohexane

Concen: 0.436 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044233.D

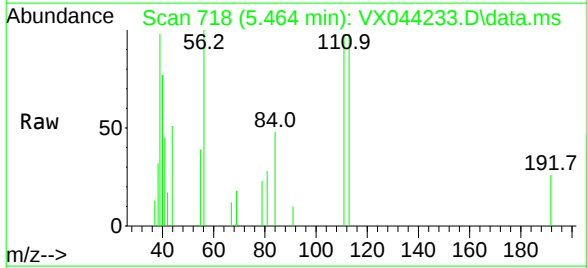
Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



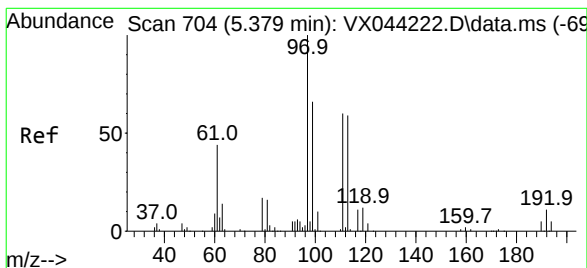
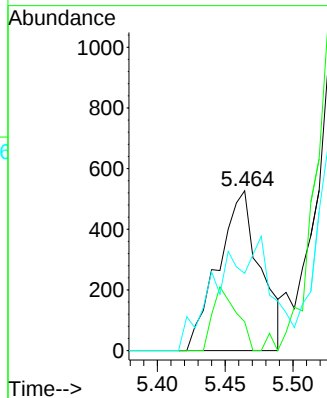
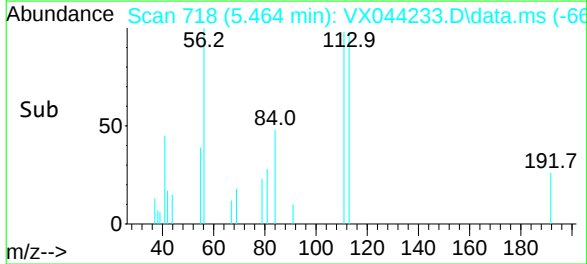
Tgt Ion:	56	Resp:	1138
Ion Ratio	100	Lower	Upper
56	100		
69	18.0	24.7	37.1#
84	48.4	71.0	106.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 0.425 ug/l

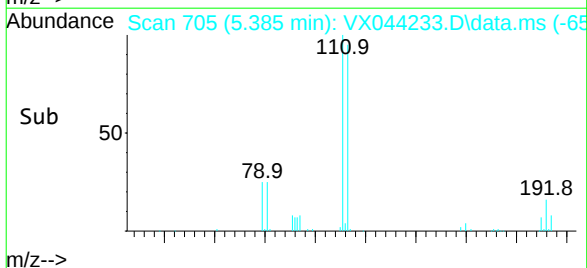
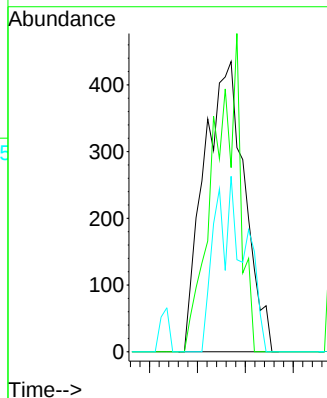
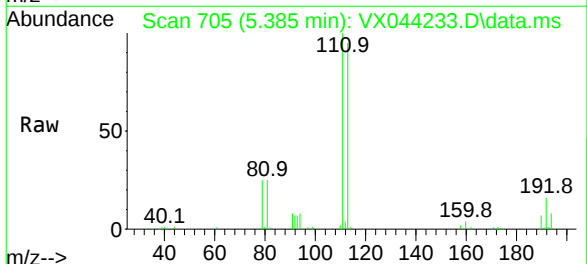
RT: 5.385 min Scan# 705

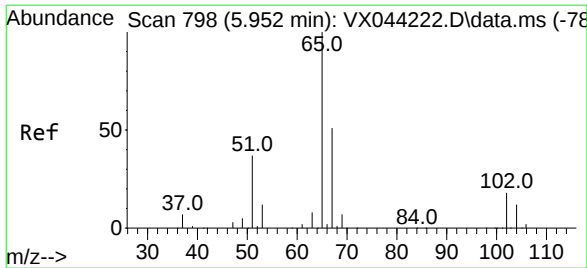
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	97	Resp:	1281
Ion Ratio	100	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	18.5	35.2	52.8#





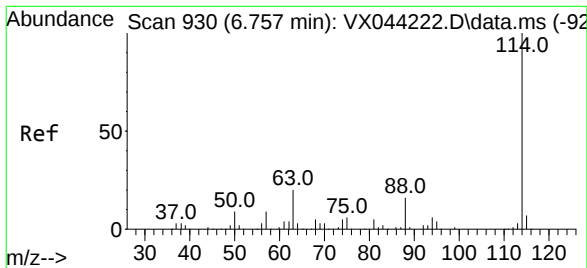
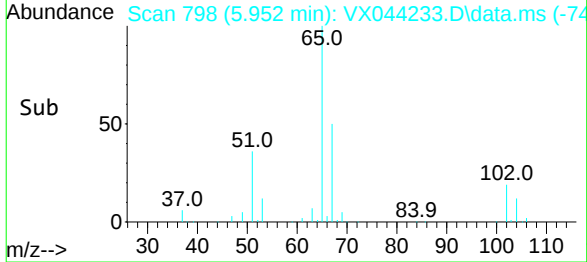
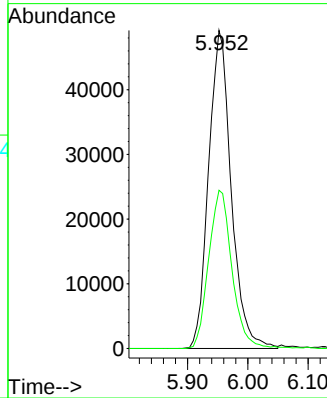
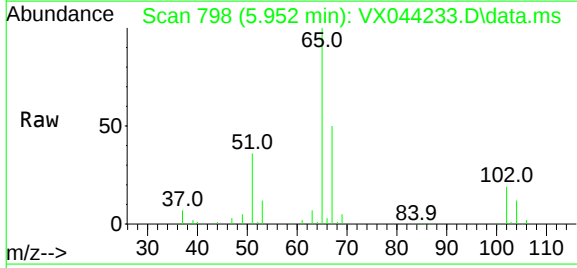
#33
1,2-Dichloroethane-d4
Concen: 52.974 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 65 Resp: 127985
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.6

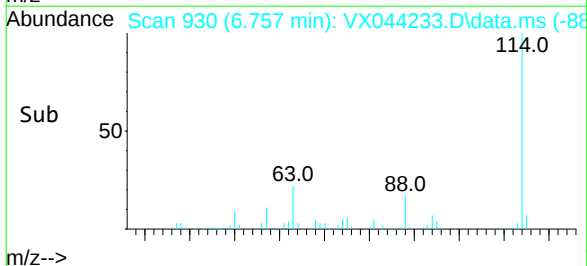
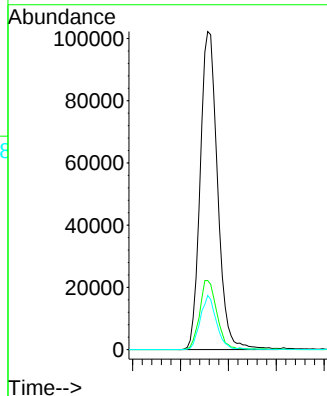
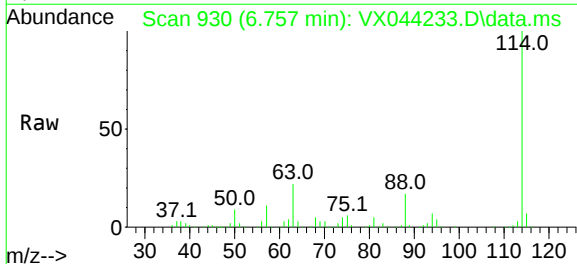
Manual Integrations
APPROVED

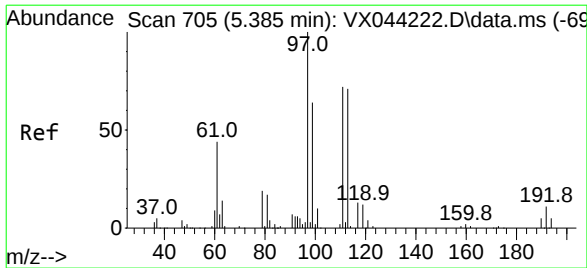
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

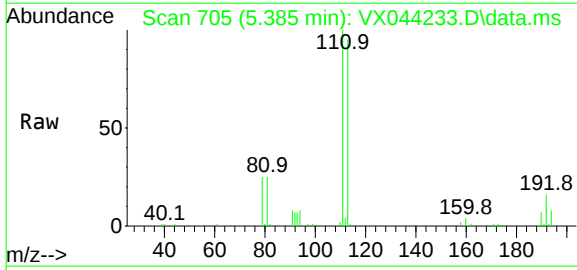
Tgt Ion:114 Resp: 257878
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.6
88 17.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.309 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

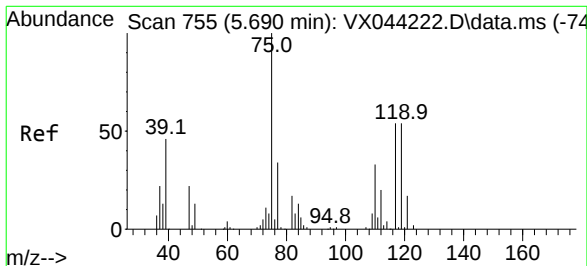
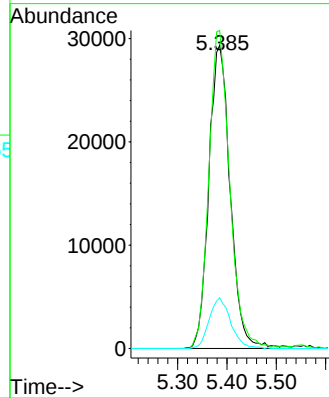
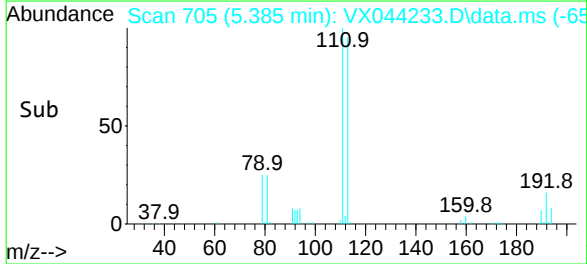
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	113	Resp:	88067
Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.4	120.6
192	16.9	13.3	19.9

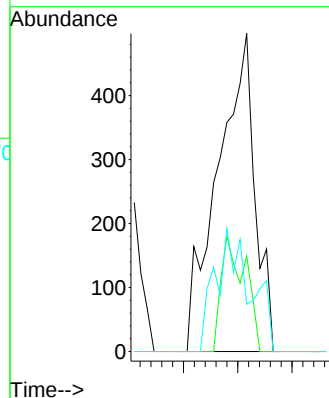
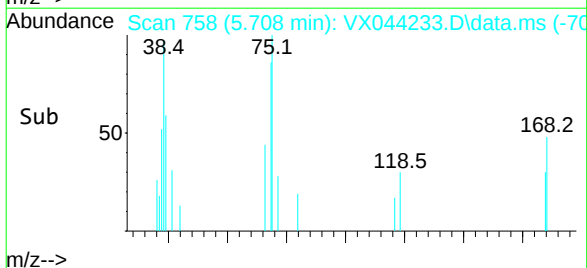
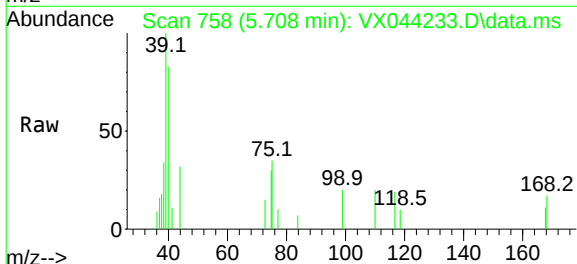
Manual Integrations
APPROVED

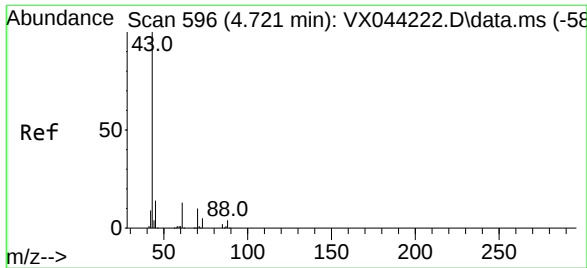
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 0.512 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	75	Resp:	1181
Ion	Ratio	Lower	Upper
75	100		
110	23.5	17.3	51.7
77	29.8	25.4	38.0





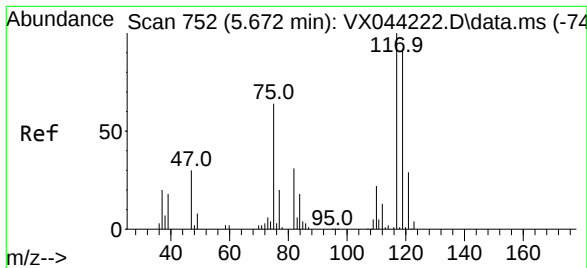
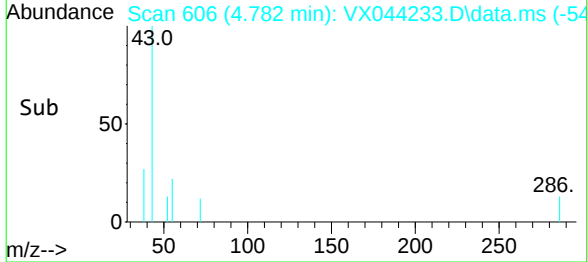
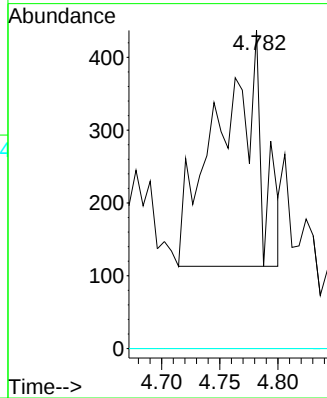
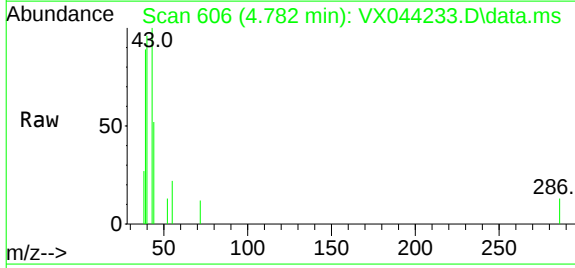
#37
Ethyl Acetate
Concen: 0.296 ug/l
RT: 4.782 min Scan# 606
Delta R.T. 0.061 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43	Resp: 846
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8
70 0.0	7.7 11.5

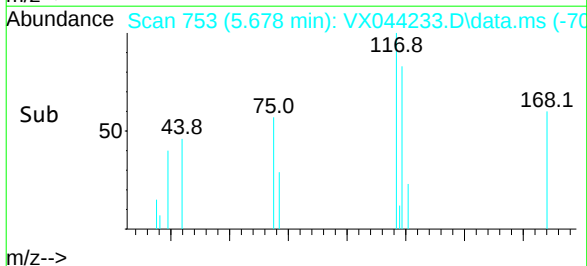
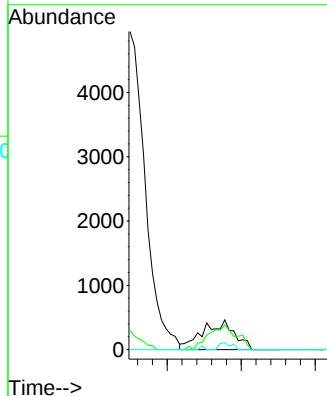
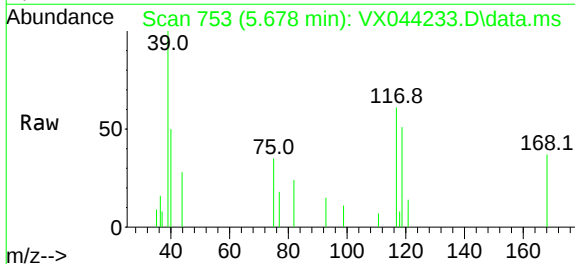
Manual Integrations
APPROVED

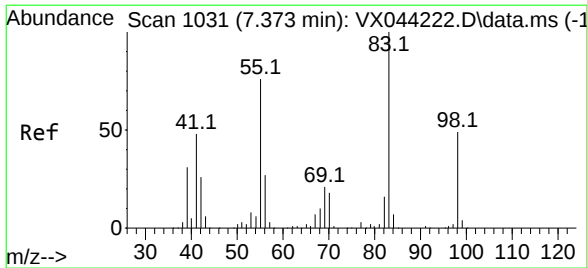
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 0.543 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

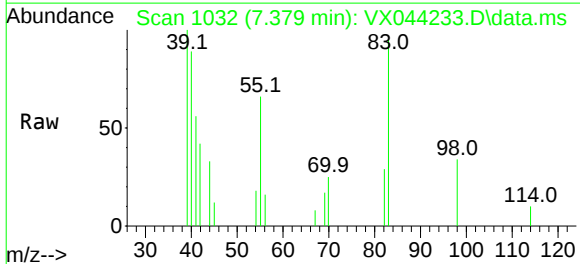
Tgt Ion: 117	Resp: 1350
Ion Ratio	Lower Upper
117 100	
119 82.9	74.2 111.4
121 23.3	23.0 34.6





#39
Methylcyclohexane
Concen: 0.454 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

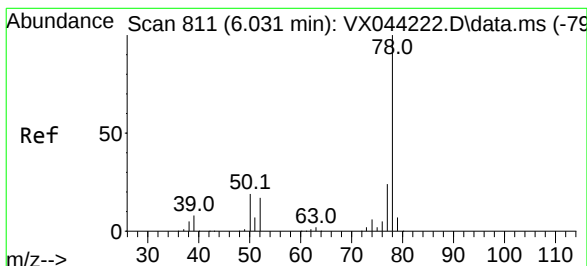
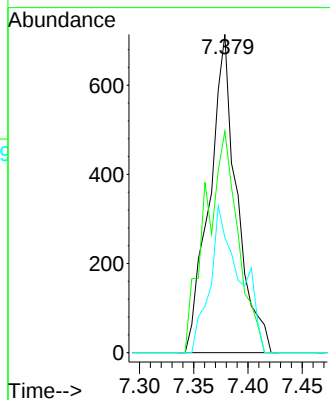
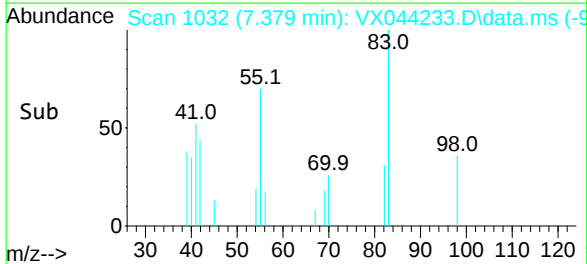
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 1252
Ion Ratio Lower Upper
83 100
55 69.6 60.7 91.1
98 36.1 38.9 58.3#

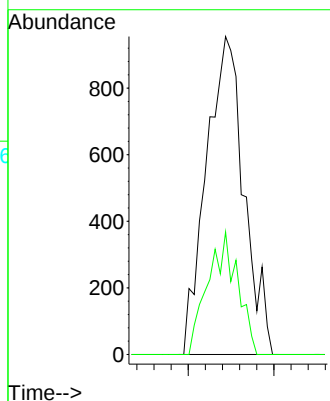
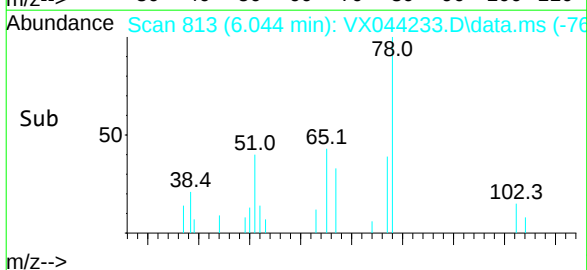
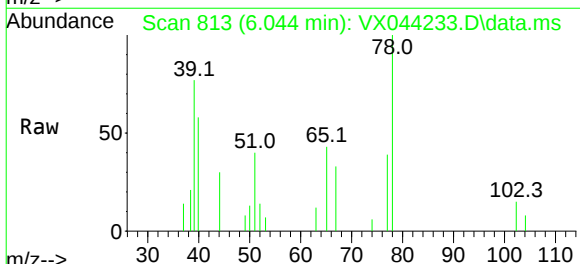
Manual Integrations
APPROVED

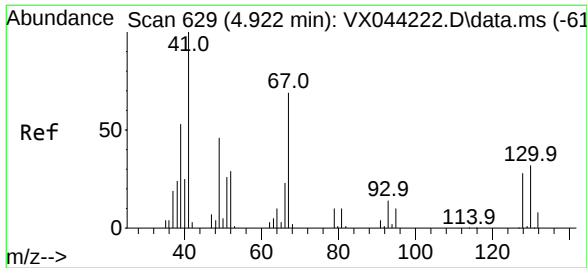
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 0.417 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

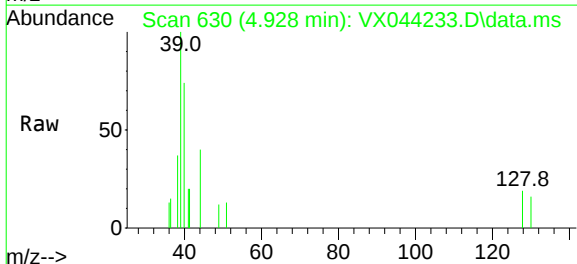
Tgt Ion: 78 Resp: 2920
Ion Ratio Lower Upper
78 100
77 38.5 19.3 28.9#





#41
Methacrylonitrile
Concen: 0.130 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

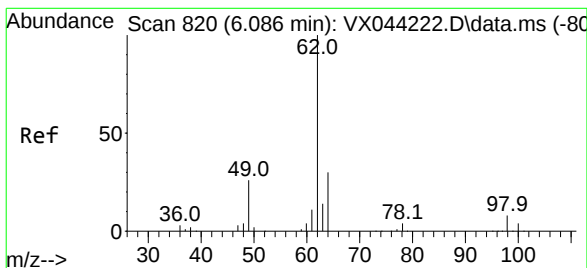
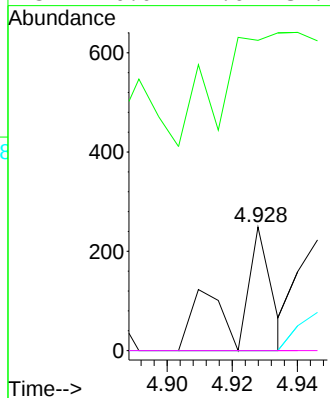
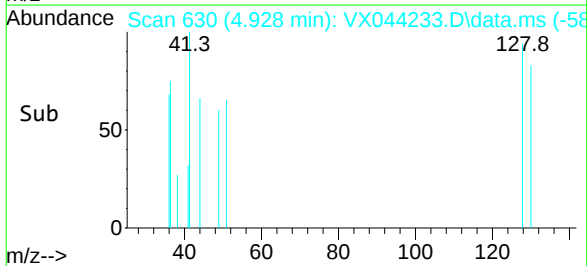
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	41	Resp:	197
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#

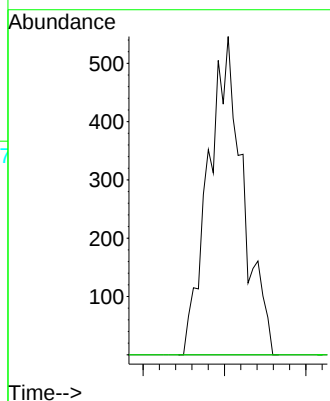
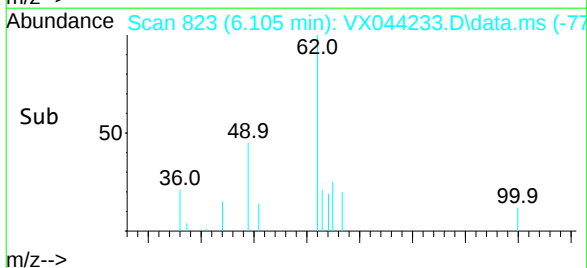
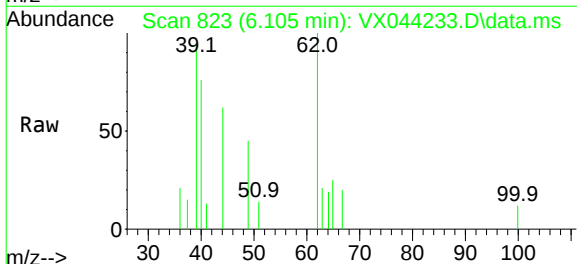
Manual Integrations
APPROVED

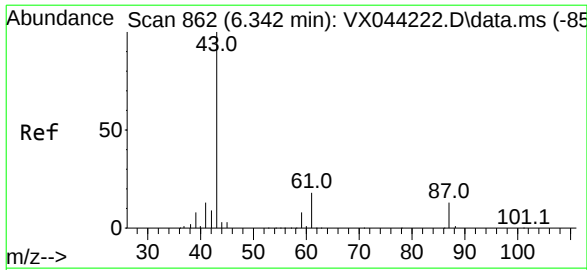
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 0.558 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	62	Resp:	1610
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.465 ug/l

RT: 6.361 min Scan# 86

Delta R.T. 0.018 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

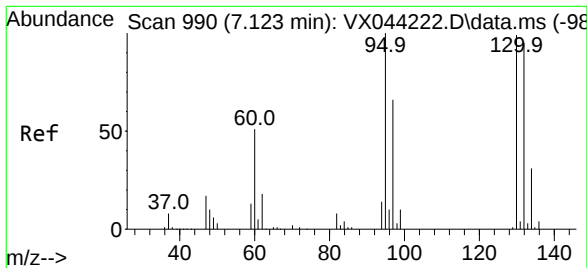
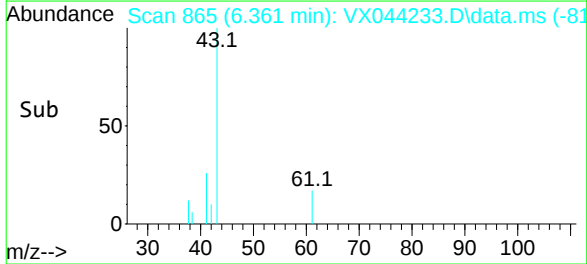
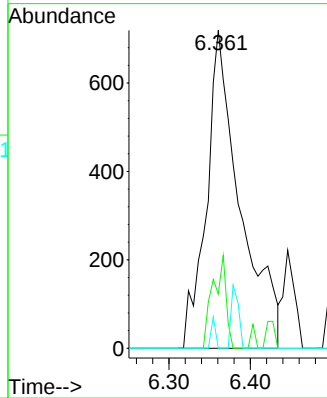
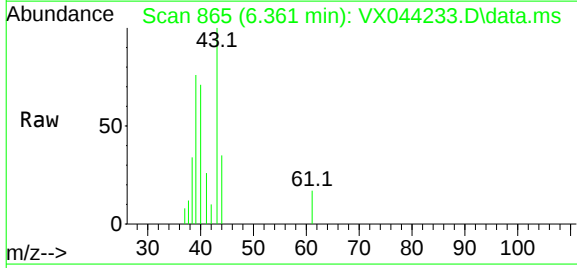
Tgt Ion:	43	Resp:	2074
Ion	Ratio	Lower	Upper
43	100		
61	11.5	14.2	21.2#
87	1.3	10.2	15.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 0.534 ug/l

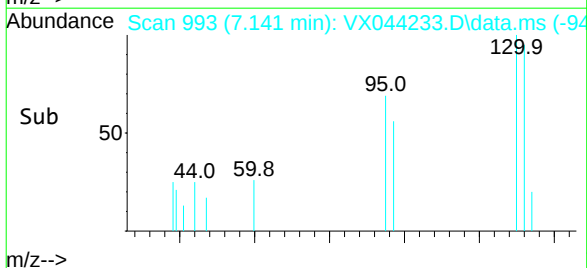
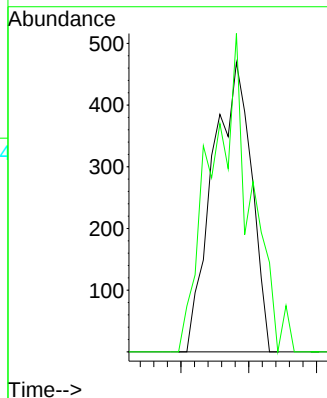
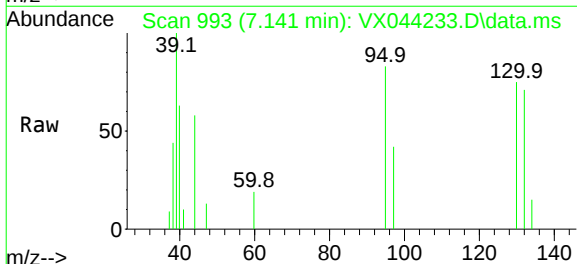
RT: 7.141 min Scan# 993

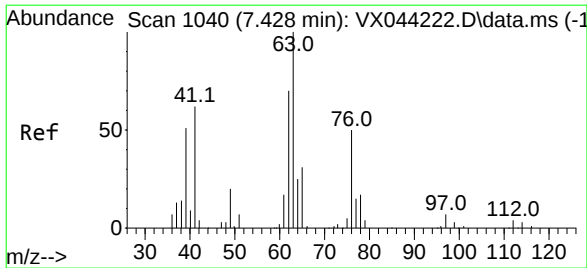
Delta R.T. 0.018 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

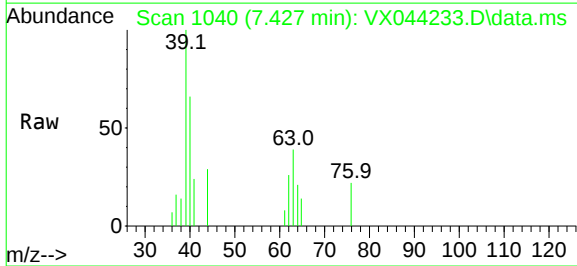
Tgt Ion:	130	Resp:	933
Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	201.4





#45
1,2-Dichloropropane
Concen: 0.390 ug/l m
RT: 7.427 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

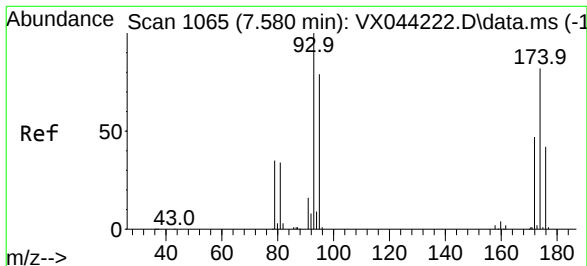
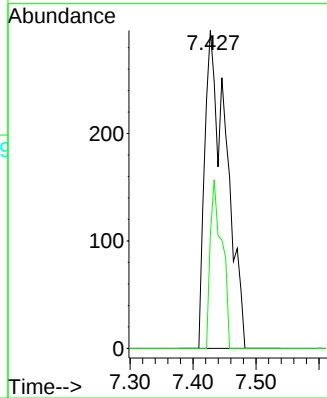
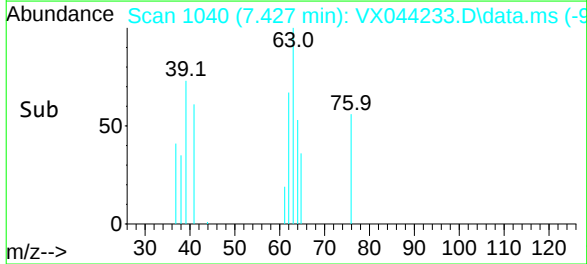
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 63 Resp: 699
Ion Ratio Lower Upper
63 100
65 35.8 24.6 37.0

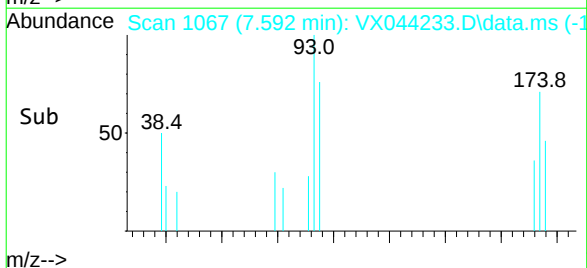
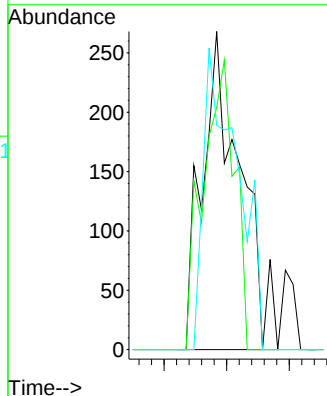
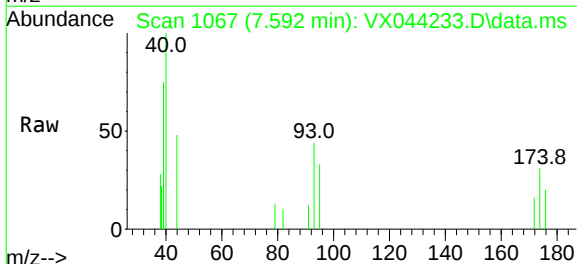
Manual Integrations
APPROVED

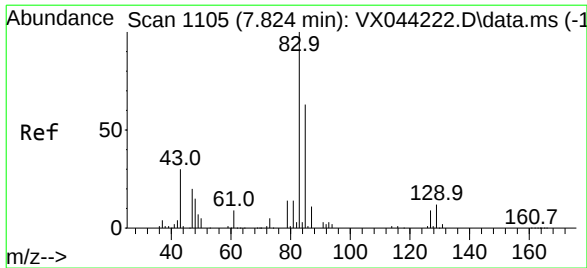
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 0.410 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 93 Resp: 570
Ion Ratio Lower Upper
93 100
95 75.6 65.4 98.2
174 84.6 67.9 101.9





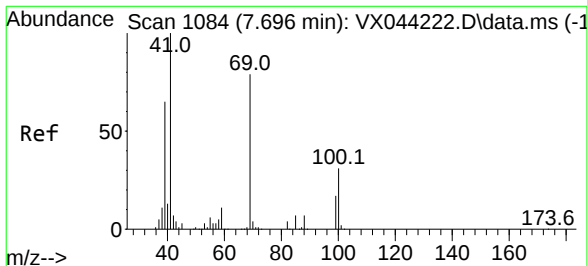
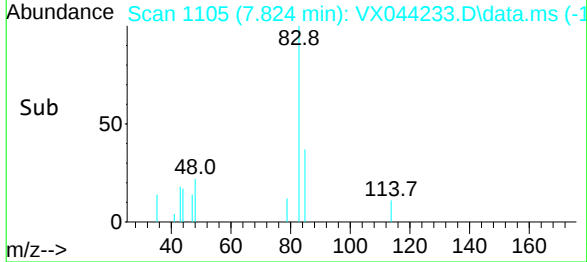
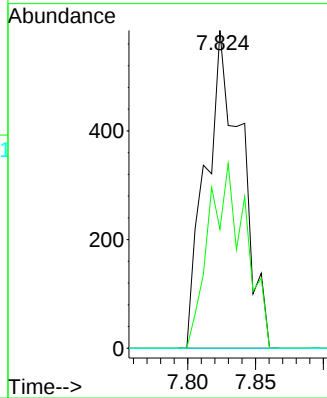
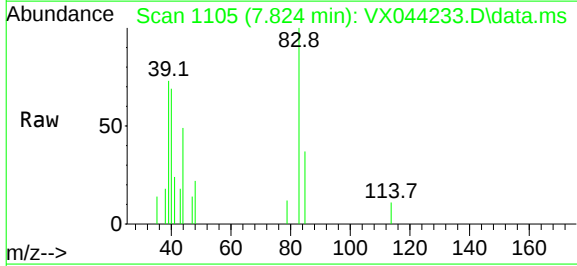
#47
Bromodichloromethane
Concen: 0.447 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83	Resp: 1073
Ion Ratio	Lower Upper
83 100	
85 37.4	50.6 75.8#
127 0.0	7.3 10.9#

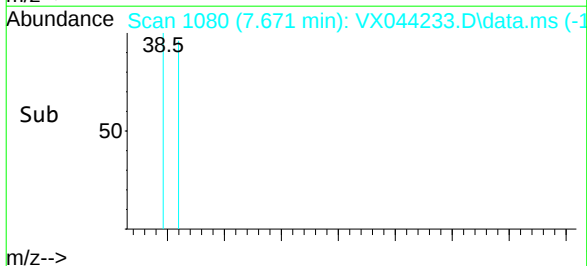
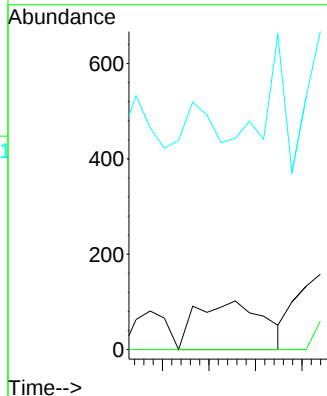
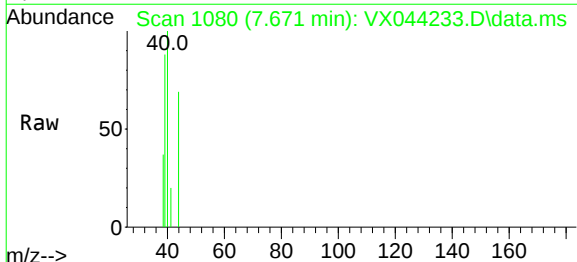
Manual Integrations
APPROVED

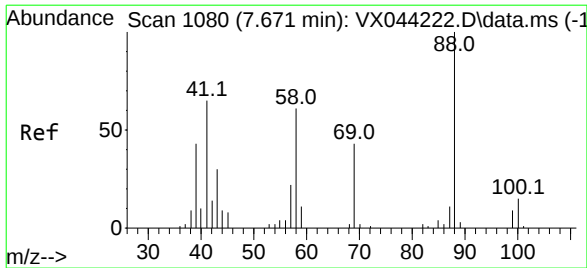
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 0.094 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.025 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

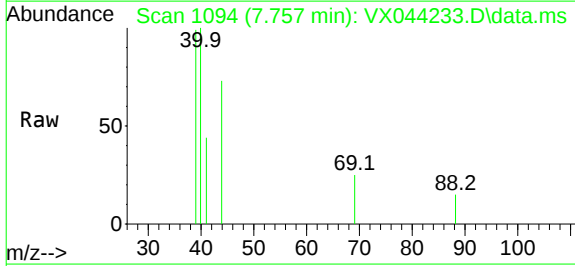
Tgt Ion: 41	Resp: 204
Ion Ratio	Lower Upper
41 100	
69 0.0	62.4 93.6#
39 83.8	53.3 79.9#





#49
1,4-Dioxane
Concen: 0.641 ug/l
RT: 7.757 min Scan# 1080
Delta R.T. 0.085 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

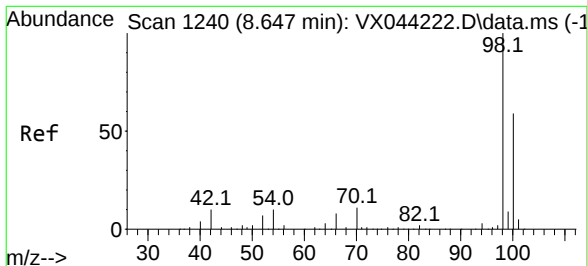
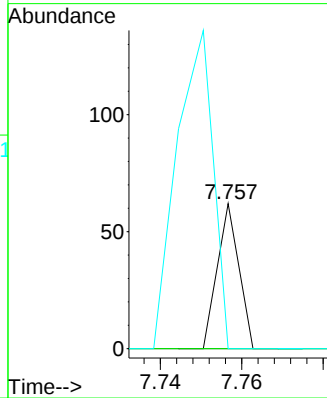
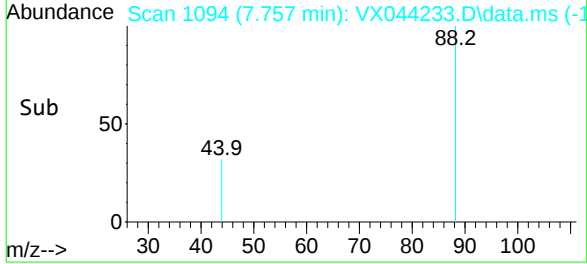
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 365.2 41.0 61.4#

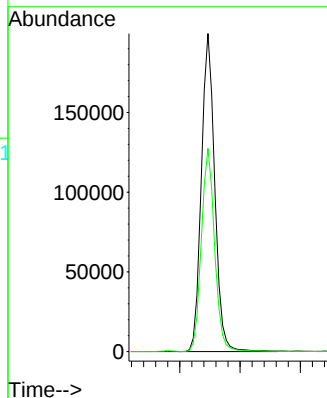
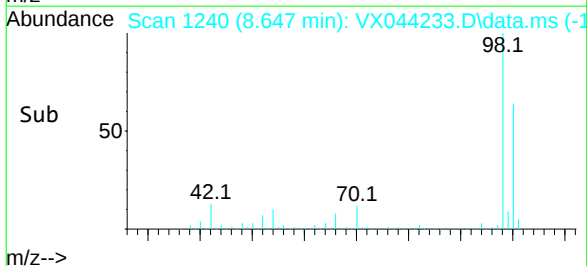
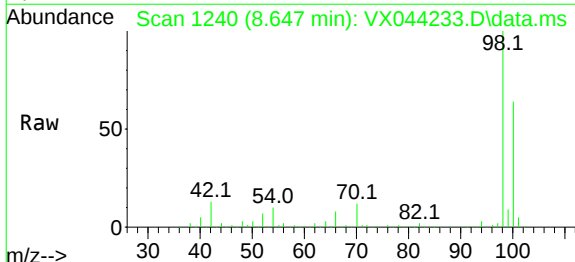
Manual Integrations
APPROVED

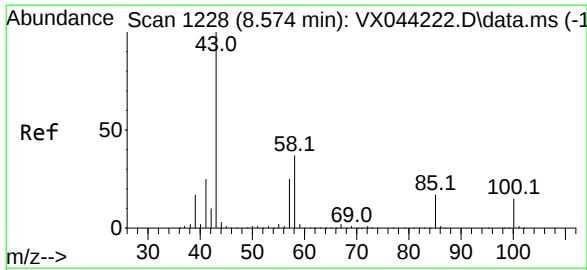
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 51.099 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 98 Resp: 307904
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 1.940 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 5564

Ion Ratio Lower Upper

43 100

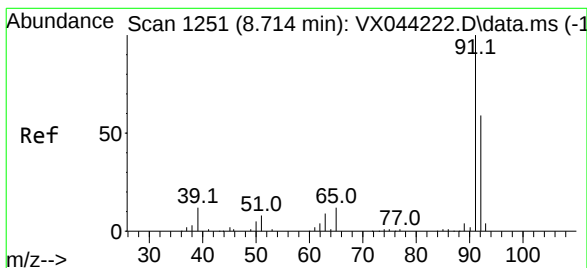
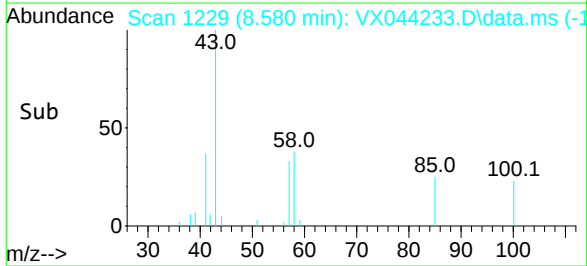
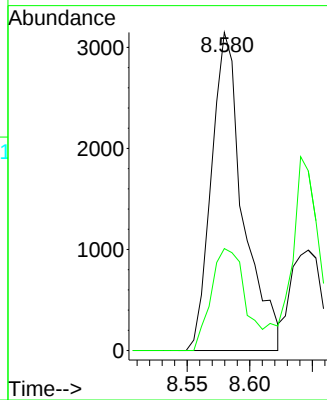
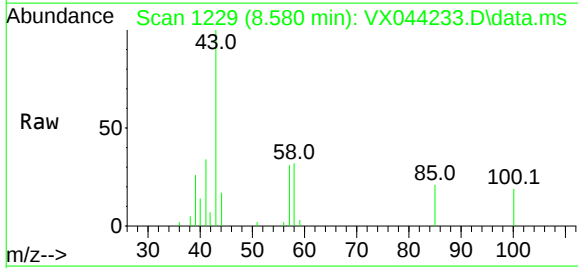
58 34.5 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#52

Toluene

Concen: 0.403 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044233.D

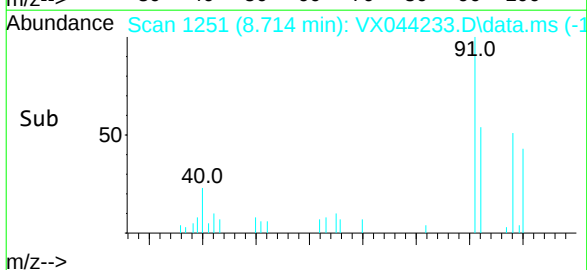
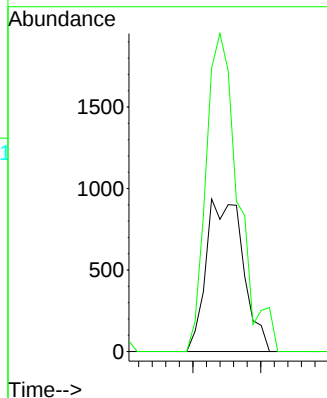
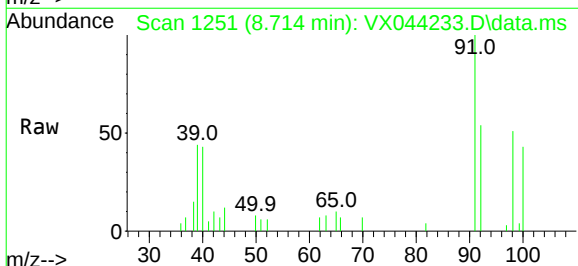
Acq: 11 Dec 2024 17:18

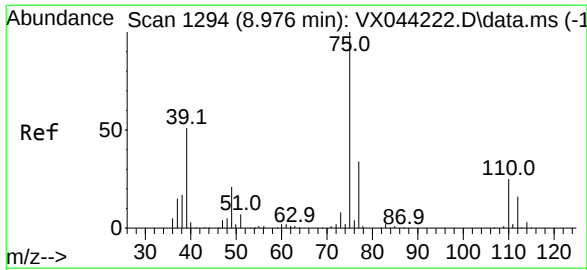
Tgt Ion: 92 Resp: 1772

Ion Ratio Lower Upper

92 100

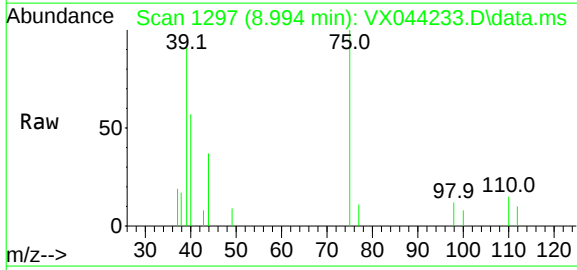
91 183.2 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 0.404 ug/l
RT: 8.994 min Scan# 1294
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

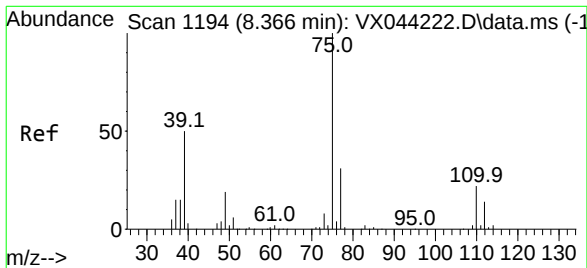
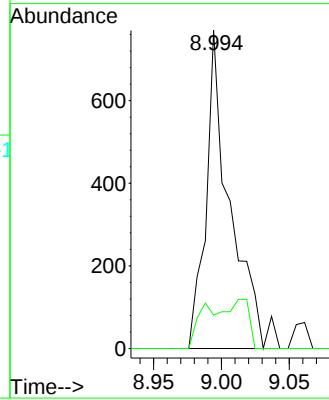
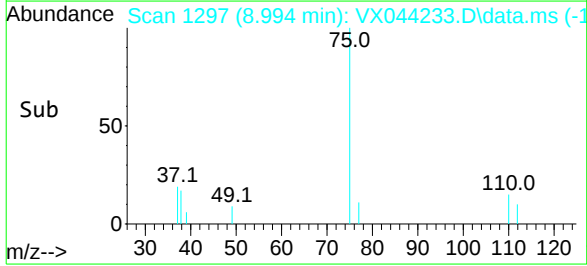
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 949
Ion Ratio Lower Upper
75 100
77 10.5 27.2 40.8#

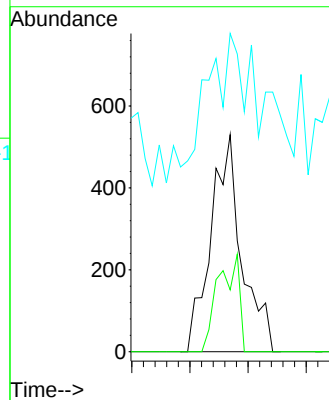
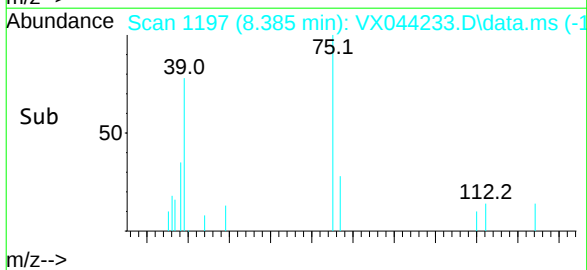
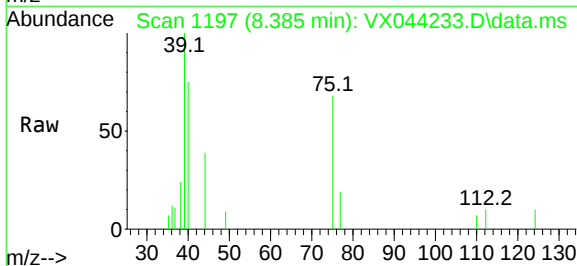
Manual Integrations
APPROVED

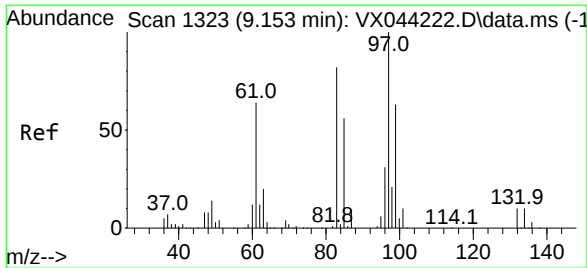
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 0.375 ug/l
RT: 8.385 min Scan# 1197
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

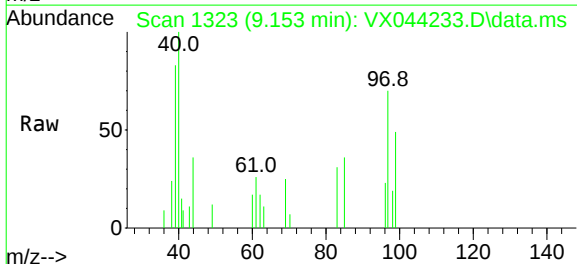
Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
77 28.5 24.7 37.1
39 61.5 40.3 60.5#





#55
1,1,2-Trichloroethane
Concen: 0.492 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

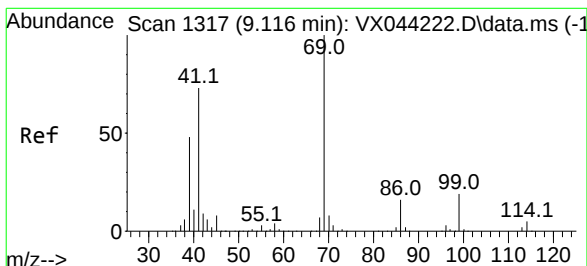
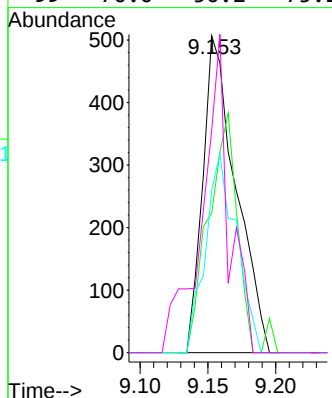
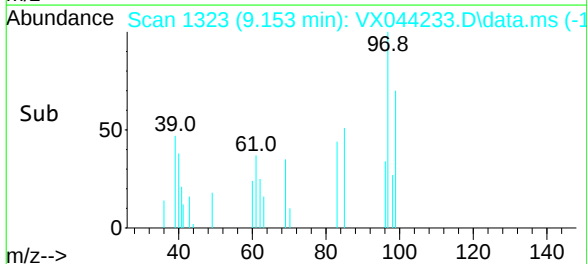
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



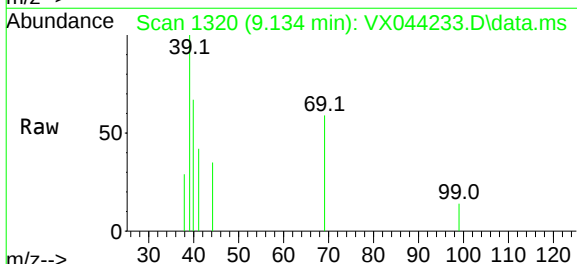
Tgt Ion	Ratio	Lower	Upper
97	100		
83	44.0	65.3	97.9#
85	51.1	44.6	67.0#
99	70.0	50.2	75.2

Manual Integrations
APPROVED

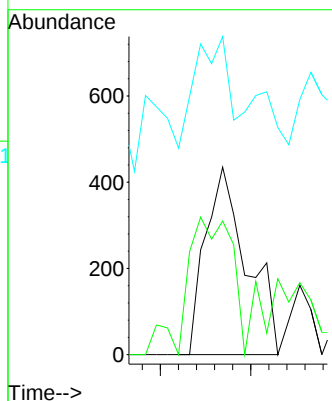
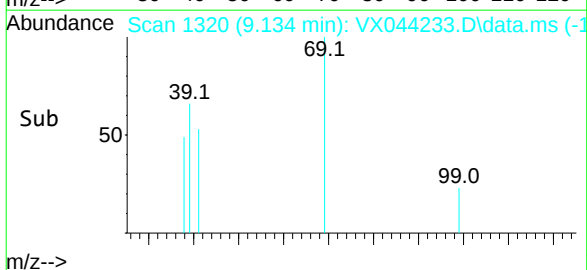
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

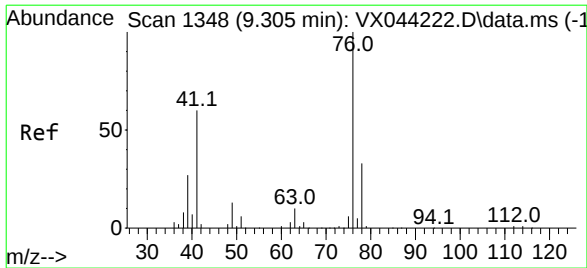


#56
Ethyl methacrylate
Concen: 0.251 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.3	56.6	85.0
39	66.3	37.4	56.0#





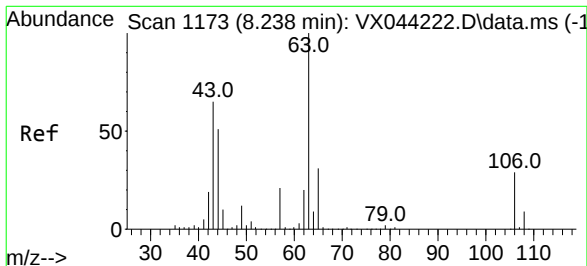
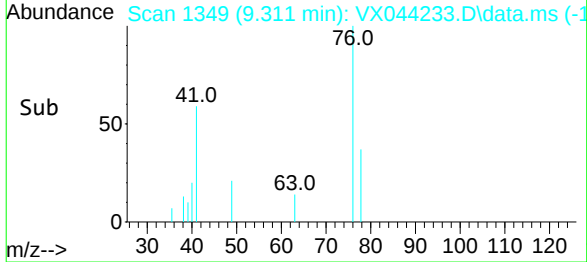
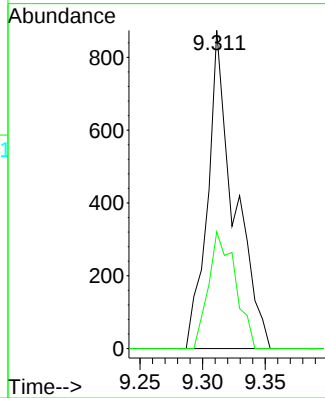
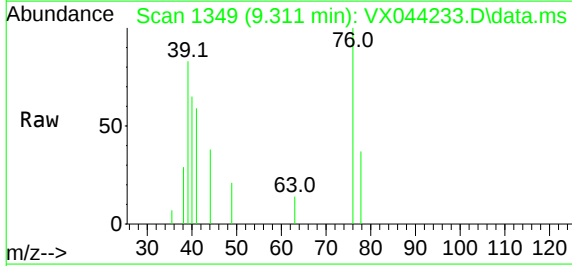
#57
1,3-Dichloropropane
Concen: 0.424 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 76 Resp: 1292
Ion Ratio Lower Upper
76 100
78 36.9 26.5 39.7

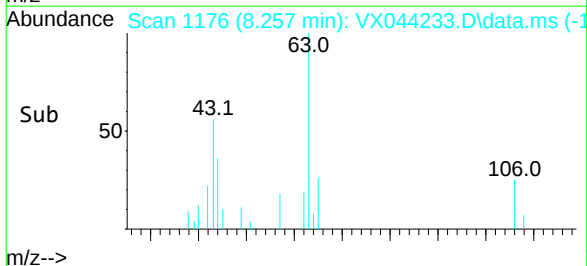
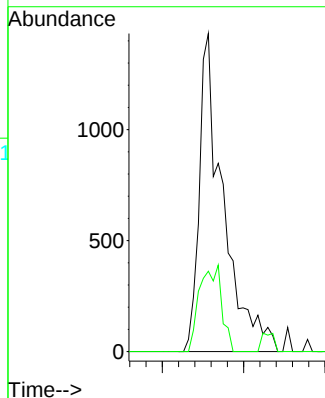
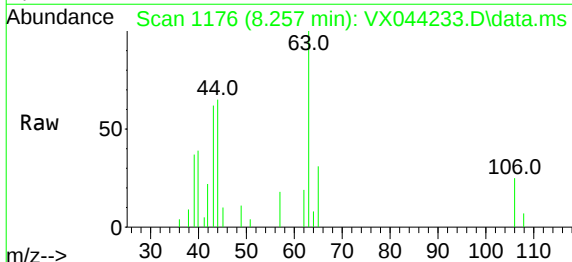
Manual Integrations
APPROVED

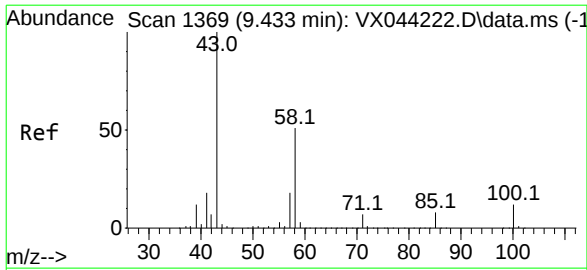
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 2.098 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion: 63 Resp: 2921
Ion Ratio Lower Upper
63 100
106 25.0 22.8 34.2





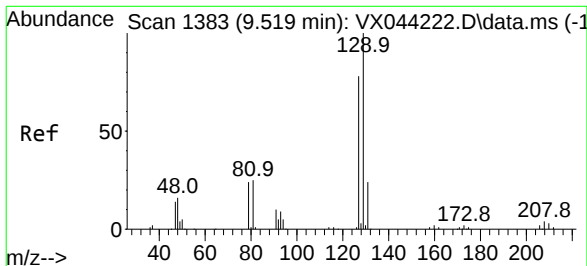
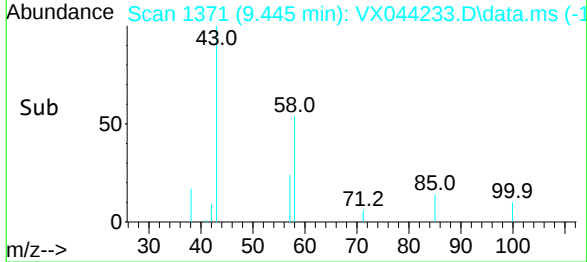
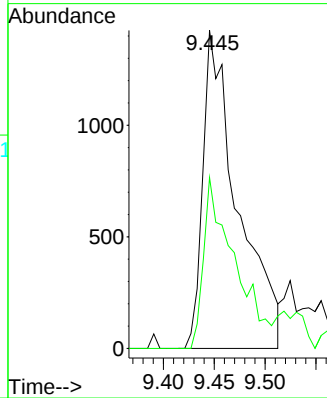
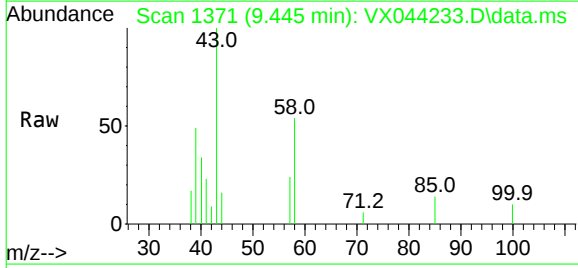
#59
2-Hexanone
Concen: 1.633 ug/l
RT: 9.445 min Scan# 1369
Delta R.T. 0.012 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 3389
Ion Ratio Lower Upper
43 100
58 48.1 25.7 77.0

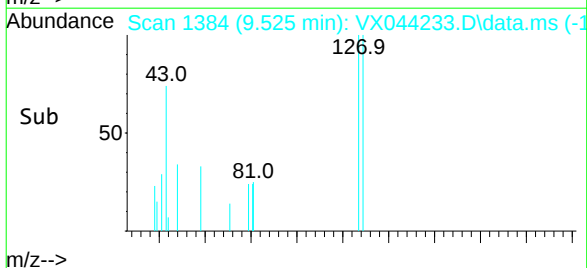
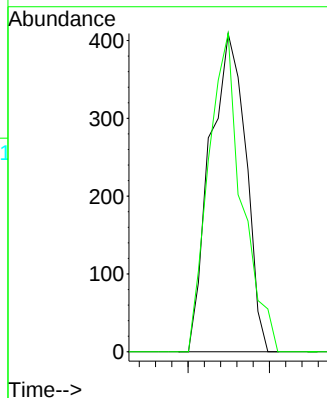
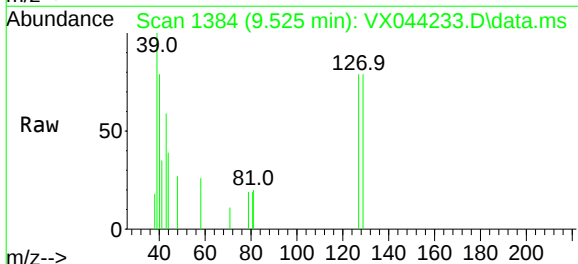
Manual Integrations
APPROVED

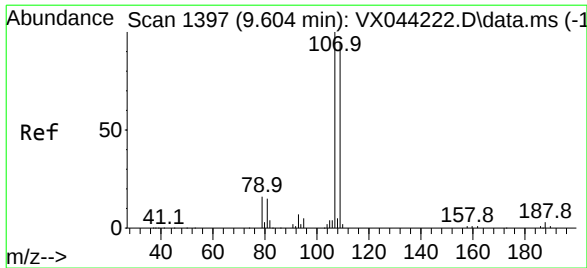
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 0.373 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

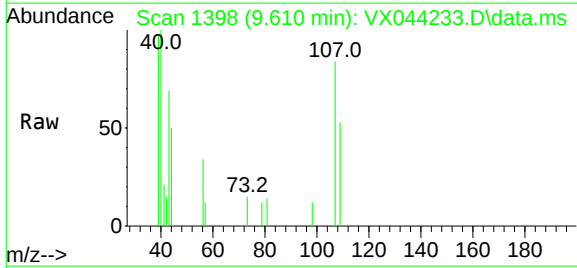
Tgt Ion:129 Resp: 626
Ion Ratio Lower Upper
129 100
127 93.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.422 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

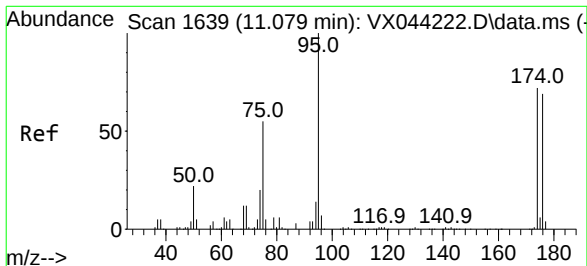
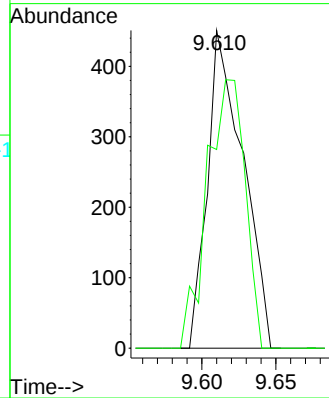
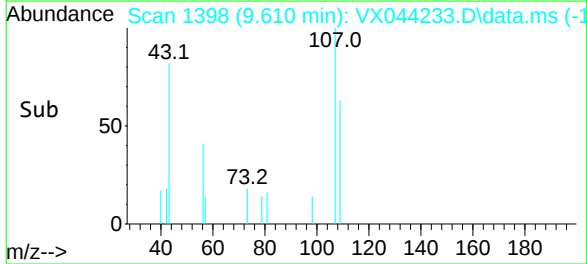
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



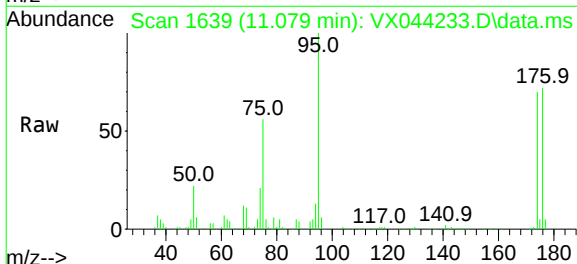
Tgt Ion: 107 Resp: 752
Ion Ratio Lower Upper
107 100
109 90.6 77.0 115.4

Manual Integrations
APPROVED

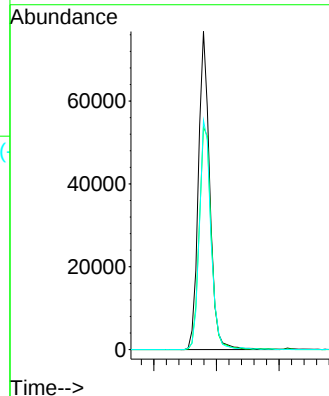
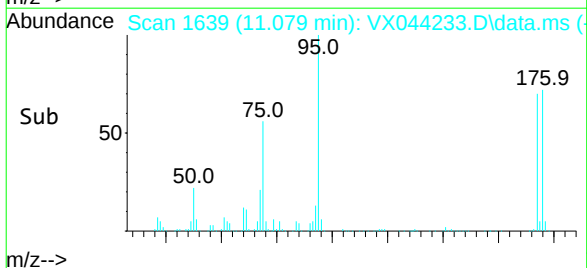
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

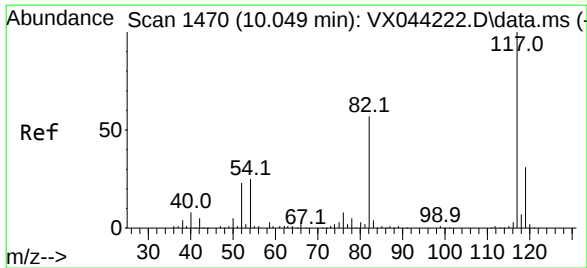


#62
4-Bromofluorobenzene
Concen: 45.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18



Tgt Ion: 95 Resp: 96761
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.8
176 72.8 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

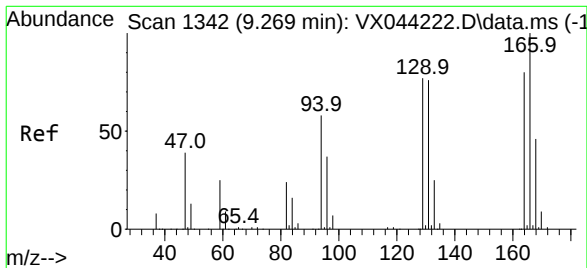
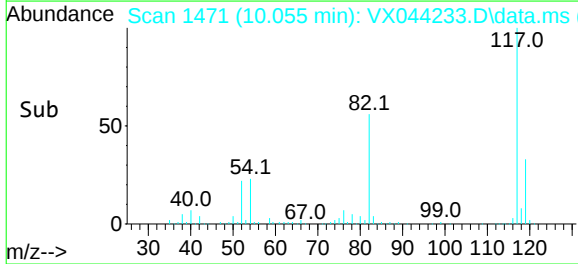
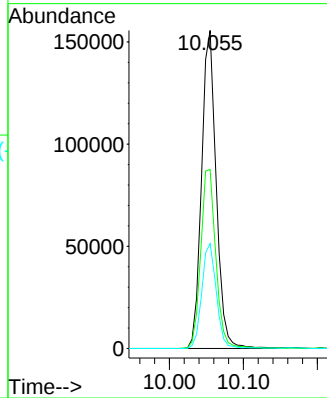
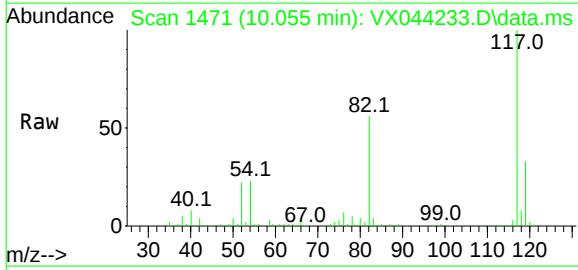
Tgt Ion:	117	Resp:	213658
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	33.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 0.519 ug/l

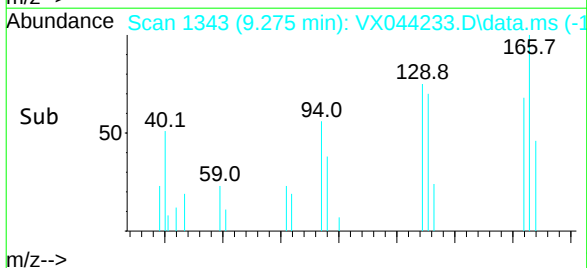
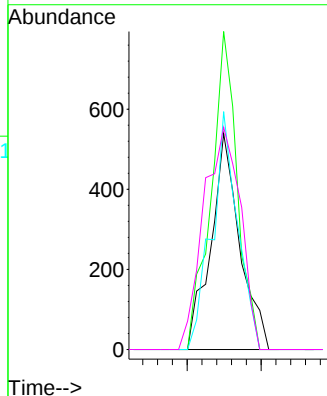
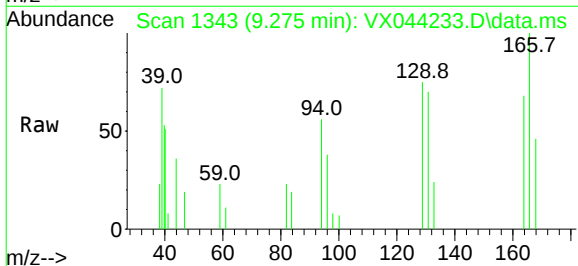
RT: 9.275 min Scan# 1343

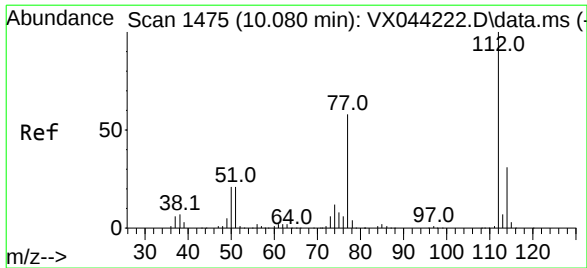
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	164	Resp:	736
Ion	Ratio	Lower	Upper
164	100		
166	147.3	100.4	150.6
129	110.2	77.2	115.8
131	103.0	76.2	114.2





#65

Chlorobenzene

Concen: 0.508 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:112 Resp: 2328

Ion Ratio Lower Upper

112 100

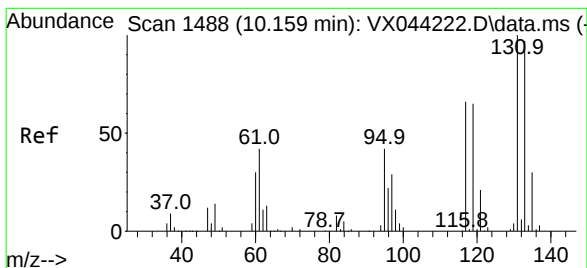
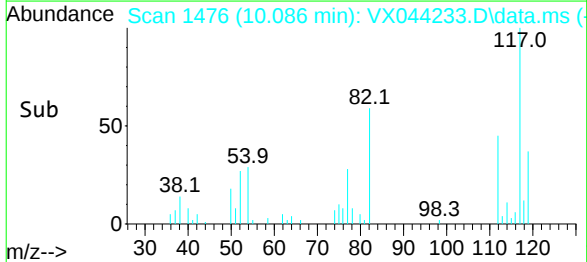
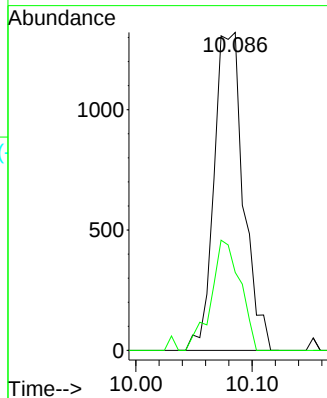
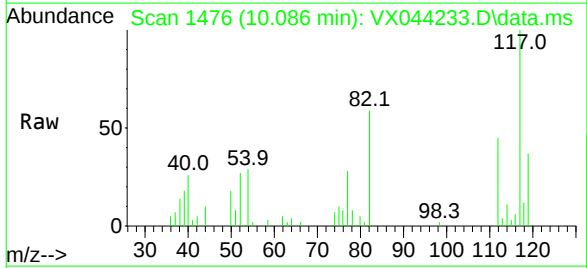
114 24.5 25.0 37.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.448 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

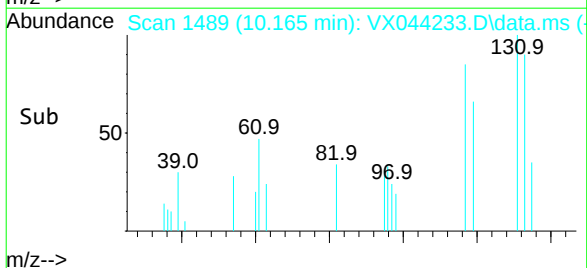
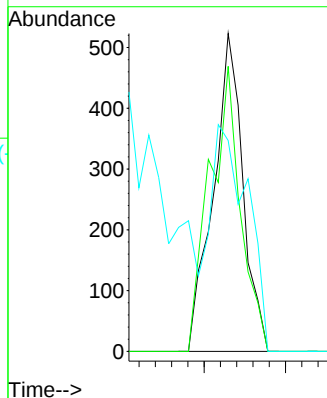
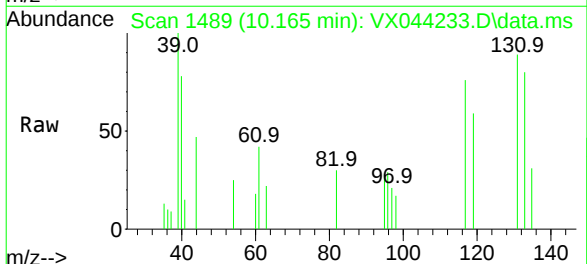
Tgt Ion:131 Resp: 659

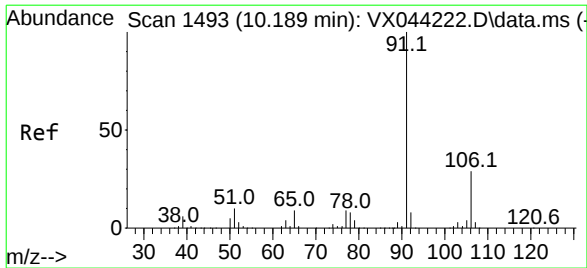
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.8

119 0.0 31.6 95.0#





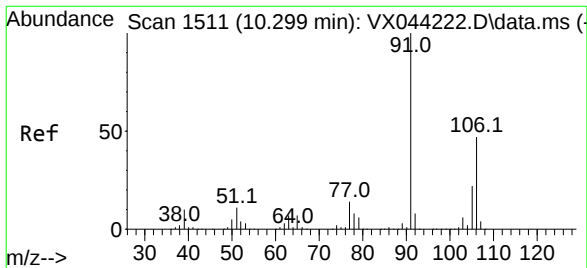
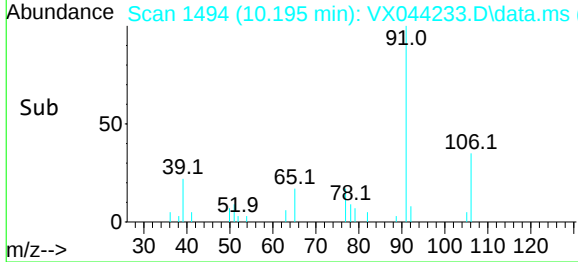
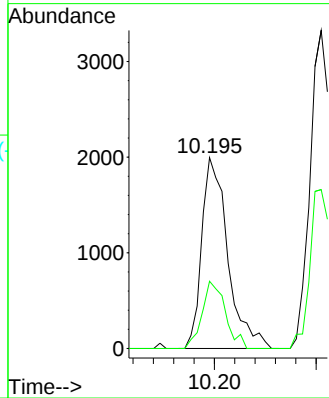
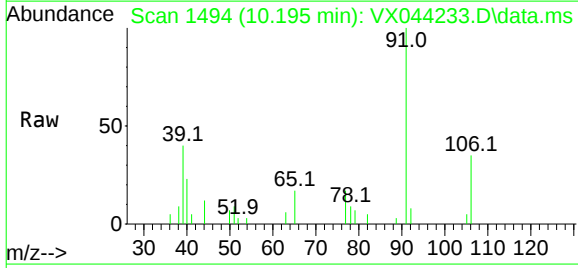
#67
Ethyl Benzene
Concen: 0.449 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 3551
Ion Ratio Lower Upper
91 100
106 35.2 23.5 35.3

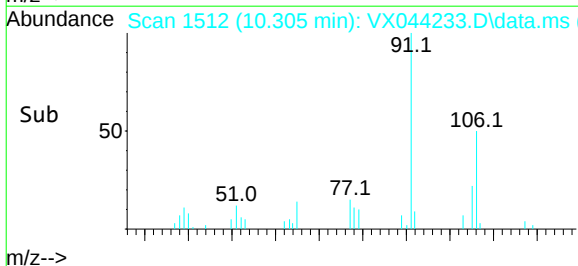
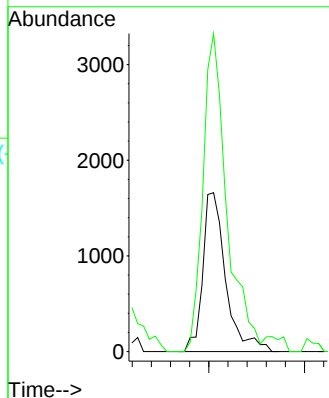
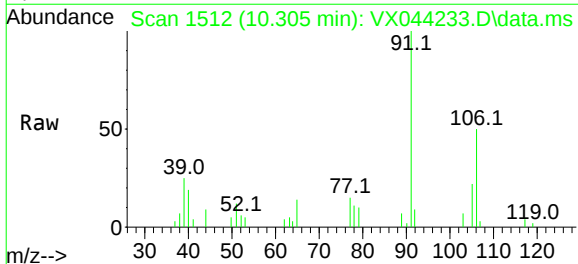
Manual Integrations
APPROVED

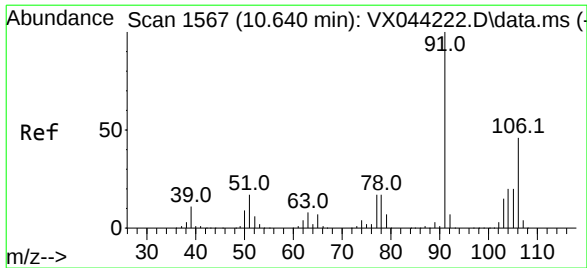
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#68
m/p-Xylenes
Concen: 0.952 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:106 Resp: 2764
Ion Ratio Lower Upper
106 100
91 209.8 170.2 255.2





#69

o-Xylene

Concen: 0.395 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 1160

Ion Ratio Lower Upper

106 100

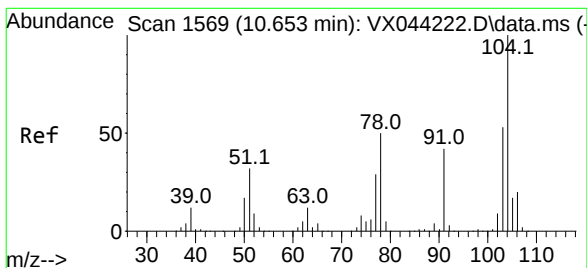
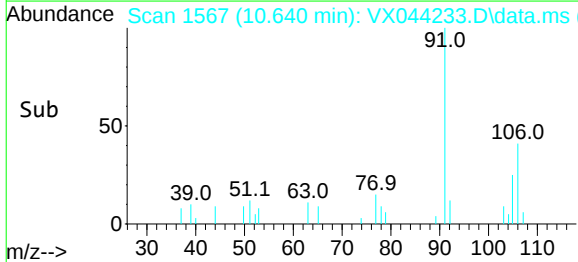
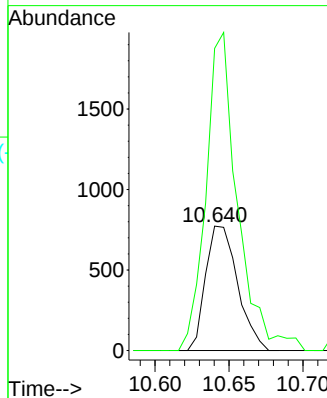
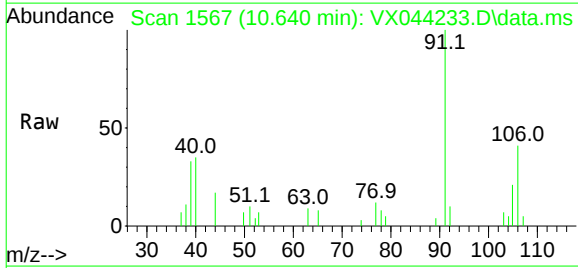
91 252.4 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 0.394 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

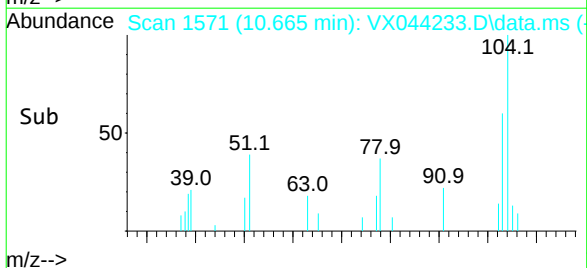
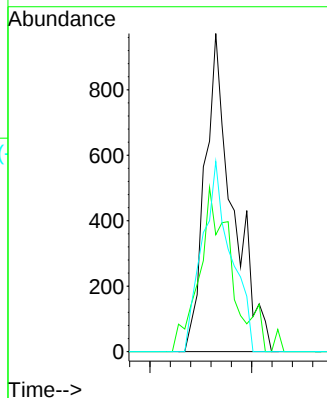
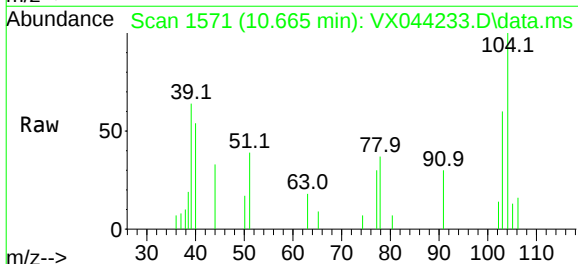
Tgt Ion:104 Resp: 1854

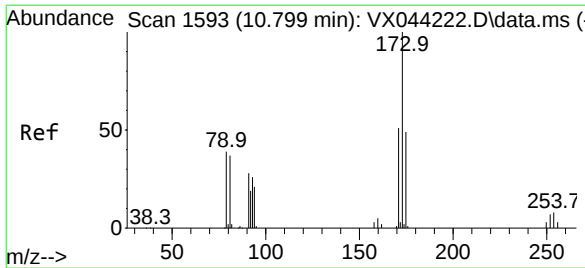
Ion Ratio Lower Upper

104 100

78 59.9 44.6 67.0

103 61.1 45.4 68.0





#71

Bromoform

Concen: 0.390 ug/l

RT: 10.811 min Scan# 1593

Delta R.T. 0.012 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

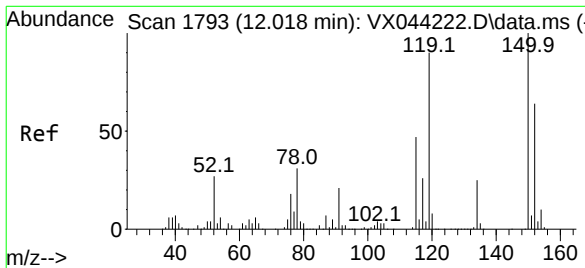
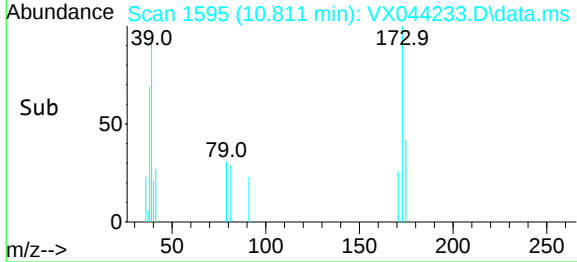
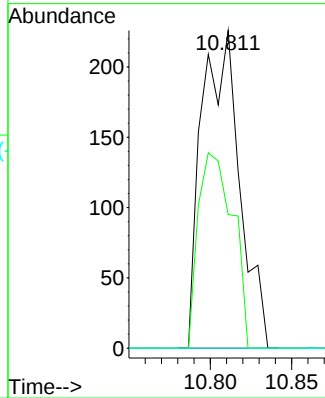
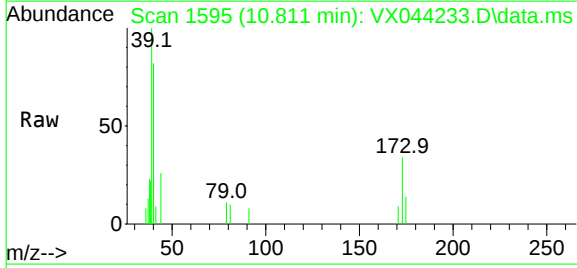
Tgt Ion:	173	Resp:	366
Ion Ratio	Lower	Upper	
173	100		
175	56.3	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

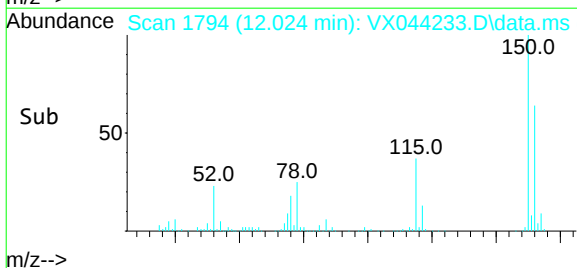
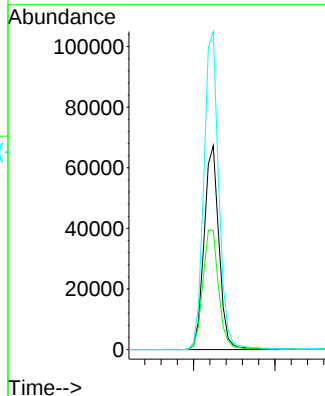
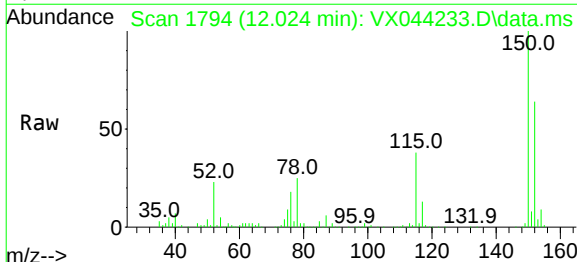
RT: 12.024 min Scan# 1794

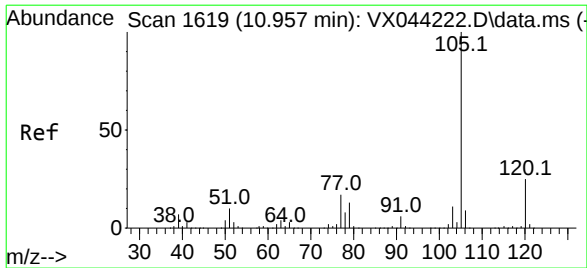
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	152	Resp:	85528
Ion Ratio	Lower	Upper	
152	100		
115	62.7	44.5	133.3
150	157.5	0.0	353.8





#73

Isopropylbenzene

Concen: 0.460 ug/l

RT: 10.969 min Scan# 1619

Delta R.T. 0.012 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

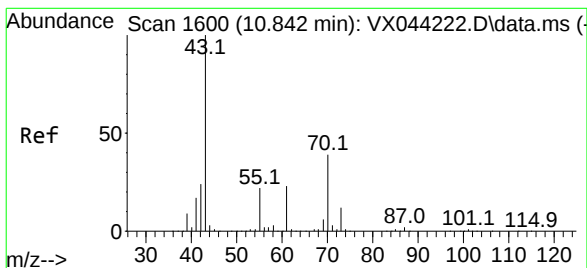
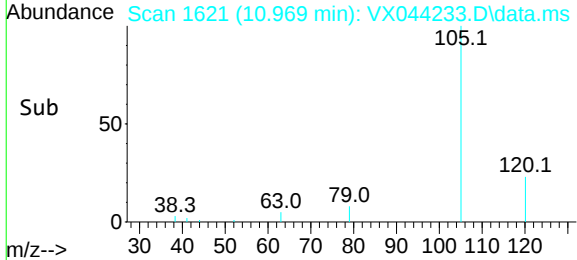
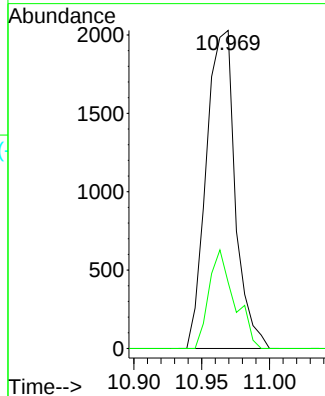
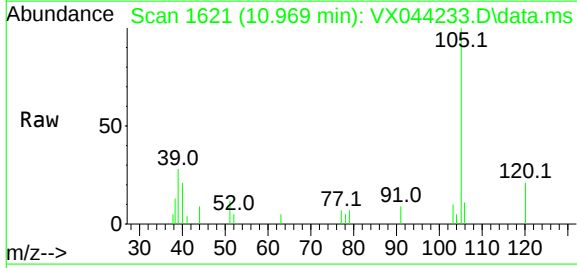
Tgt Ion: 105 Resp: 3009
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 0.348 ug/l

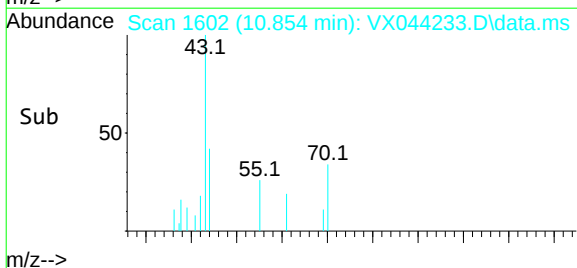
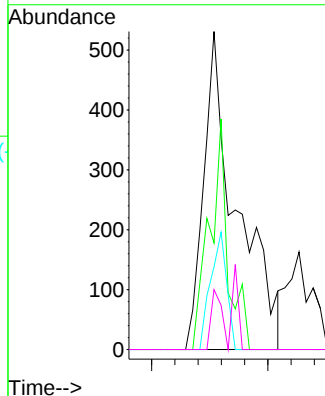
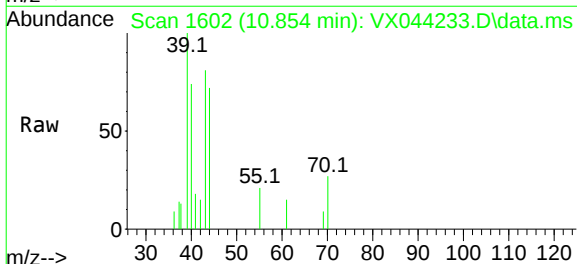
RT: 10.854 min Scan# 1602

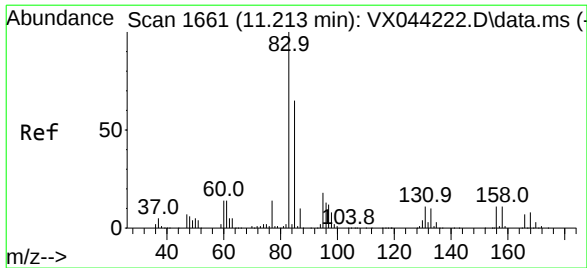
Delta R.T. 0.012 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion: 43 Resp: 1052
 Ion Ratio Lower Upper
 43 100
 70 40.5 31.9 47.9
 55 17.9 17.9 26.9#
 61 0.0 17.9 26.9#





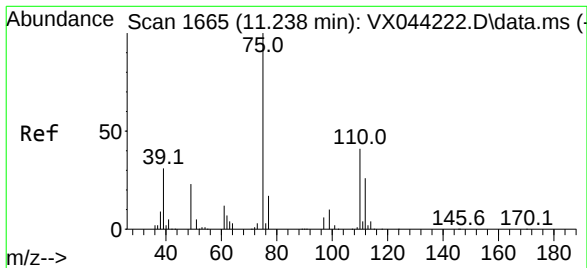
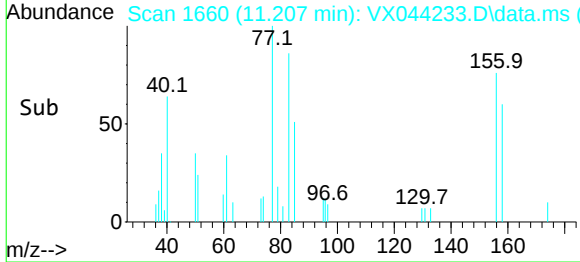
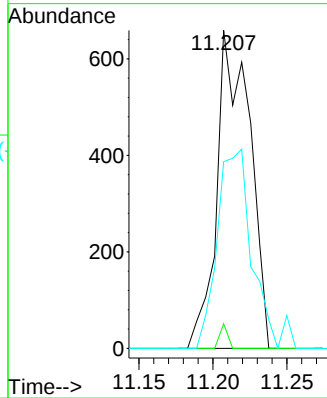
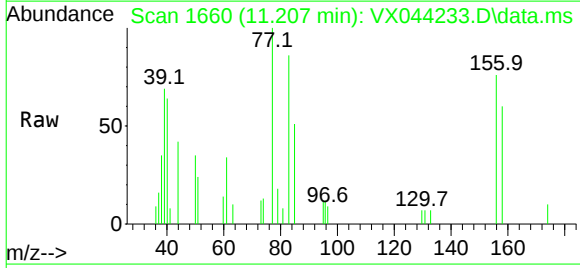
#75
1,1,2,2-Tetrachloroethane
Concen: 0.449 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	83	Resp:	1021
Ion	Ratio	Lower	Upper
83	100		
131	1.9	5.1	15.4#
85	64.3	32.5	97.4

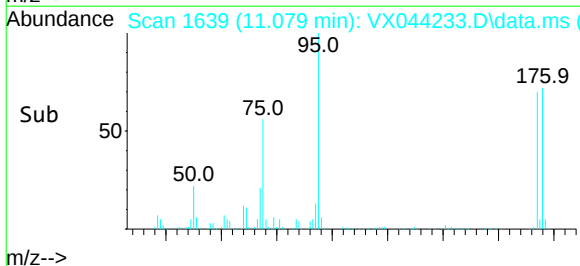
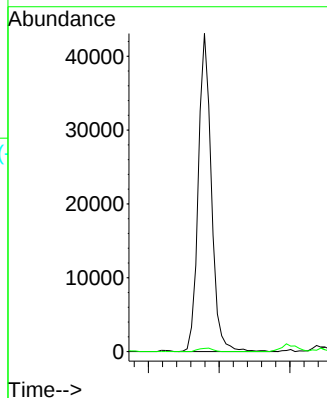
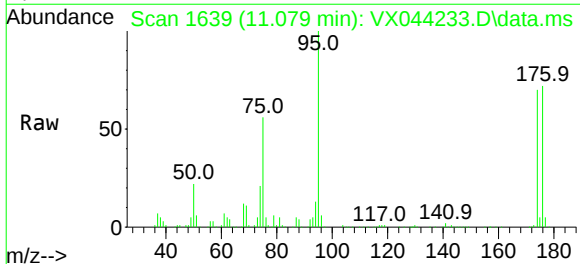
Manual Integrations
APPROVED

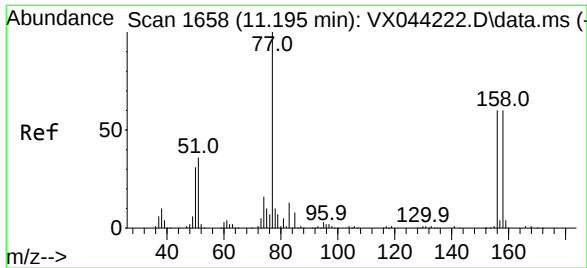
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 28.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	75	Resp:	55204
Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#





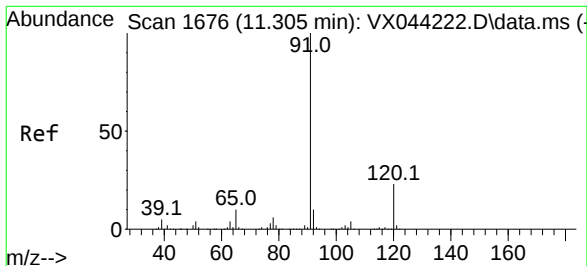
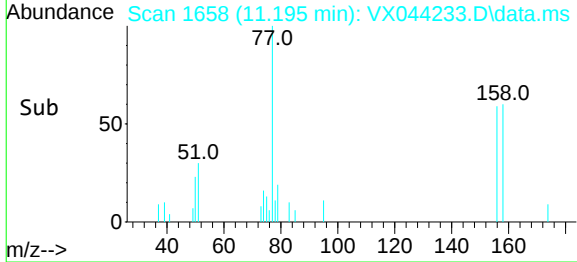
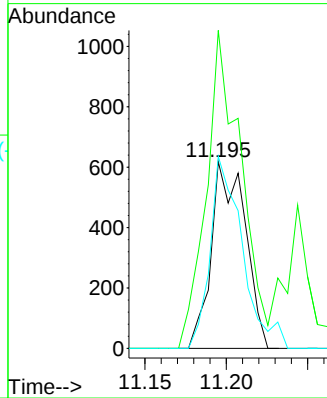
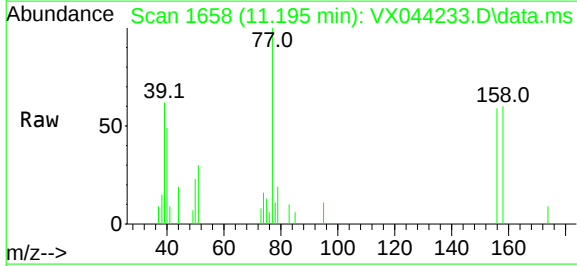
#77
Bromobenzene
Concen: 0.563 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	156	Resp:	894
Ion Ratio	Lower	Upper	
156	100		
77	174.4	82.6	247.8
158	97.4	48.8	146.4

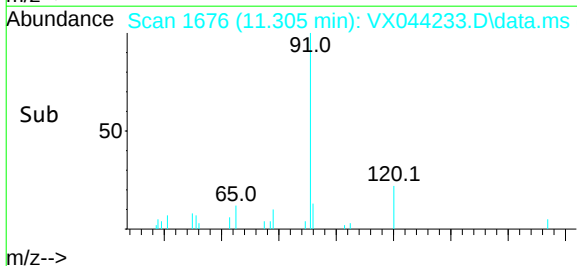
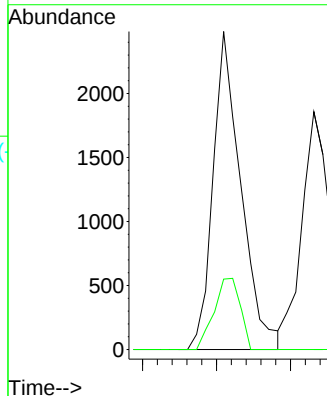
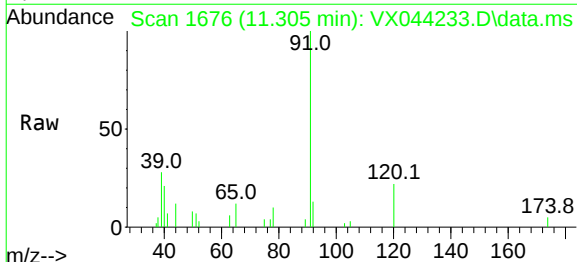
Manual Integrations
APPROVED

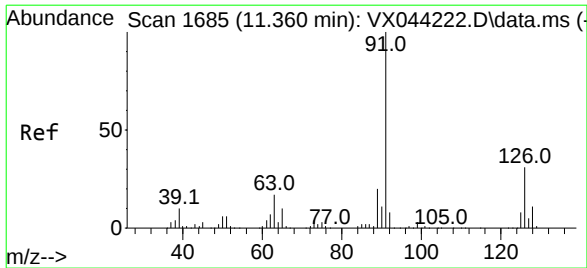
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 0.449 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	91	Resp:	3251
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 0.554 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 2593

Ion Ratio Lower Upper

91 100

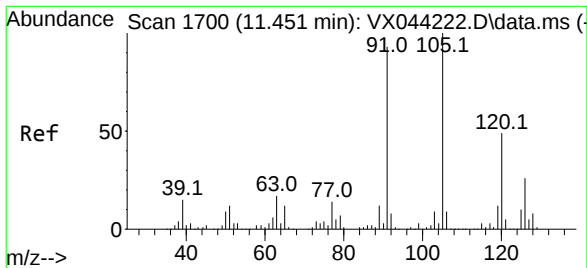
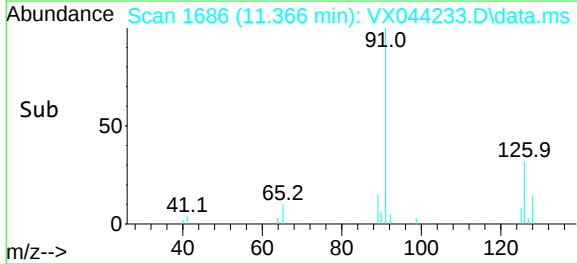
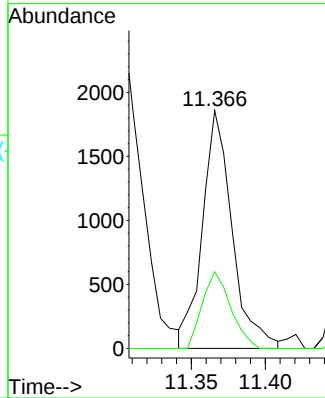
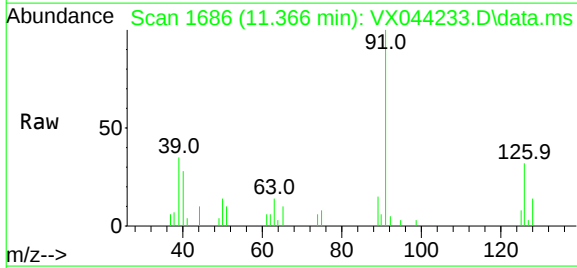
126 30.8 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.476 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044233.D

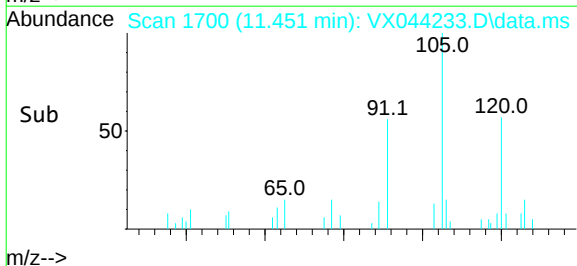
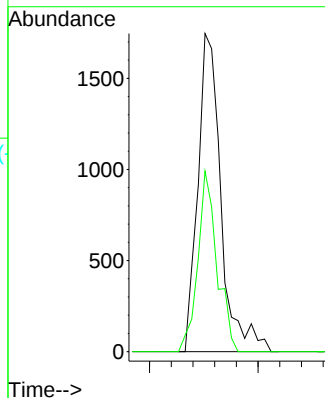
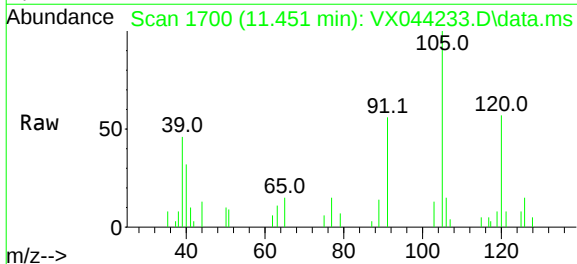
Acq: 11 Dec 2024 17:18

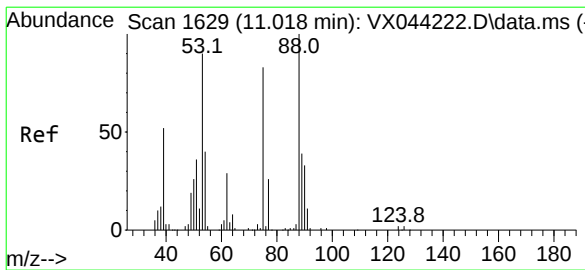
Tgt Ion:105 Resp: 2582

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.4





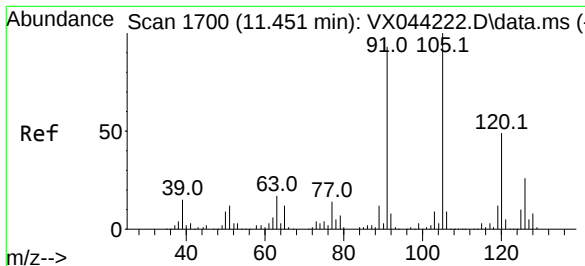
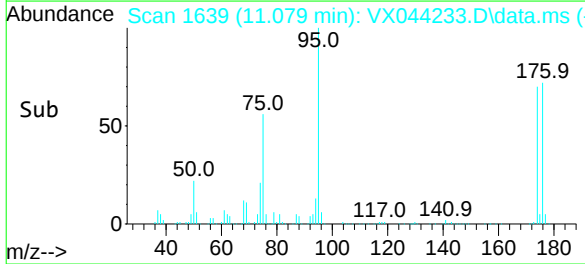
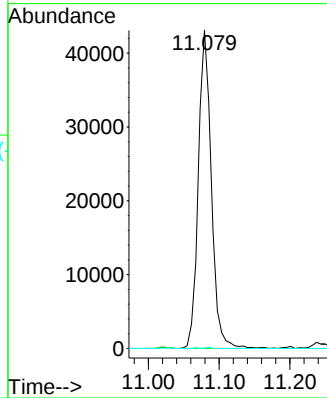
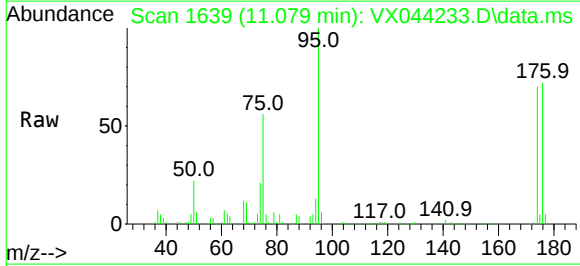
#81
trans-1,4-Dichloro-2-butene
Concen: 92.908 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	75	Resp:	55204
Ion Ratio	Lower	Upper	
75	100		
53	0.0	93.6	140.4#
89	0.2	37.3	55.9#

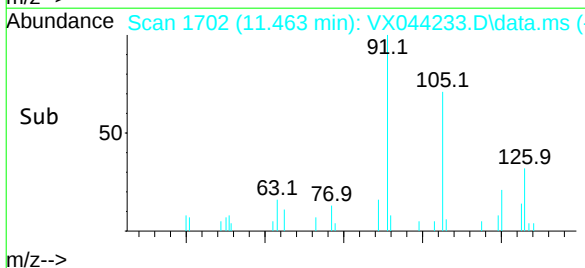
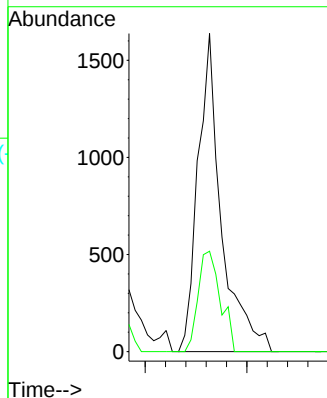
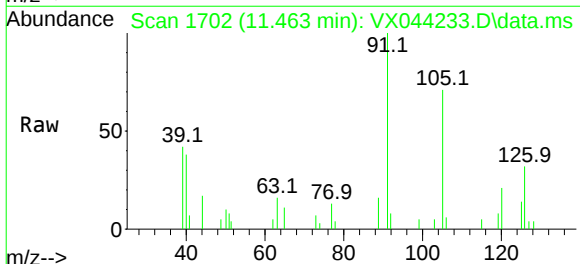
Manual Integrations
APPROVED

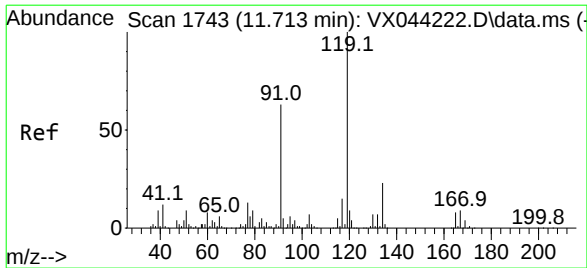
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 0.506 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:	91	Resp:	2621
Ion Ratio	Lower	Upper	
91	100		
126	30.0	14.5	43.5





#83

tert-Butylbenzene

Concen: 0.455 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

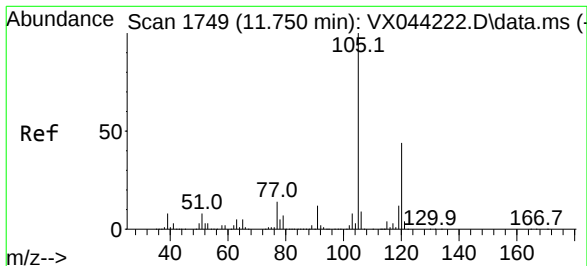
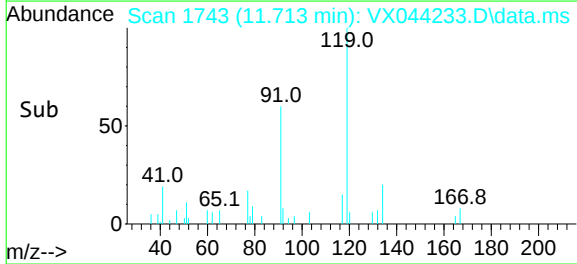
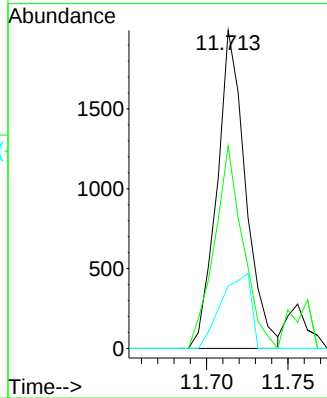
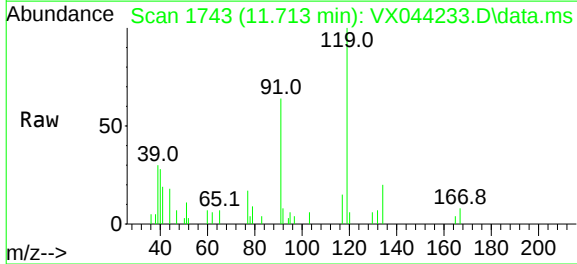
Tgt Ion:	119	Resp:	2444
Ion Ratio	Lower	Upper	
119	100		
91	63.8	30.9	92.5
134	24.5	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.462 ug/l

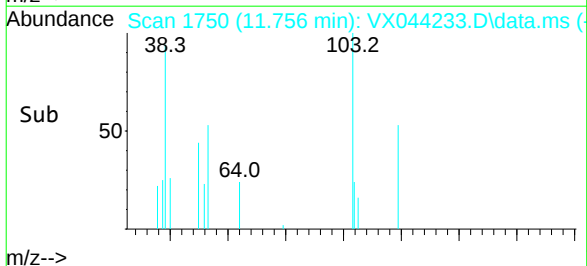
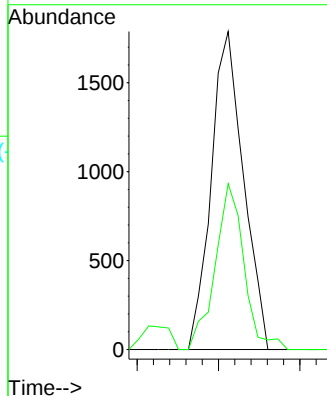
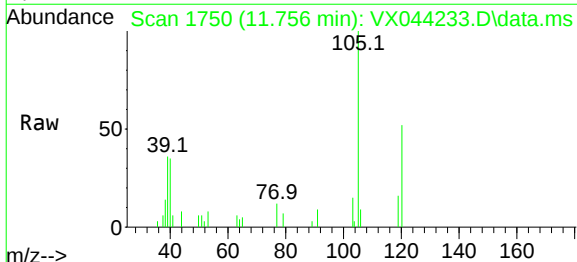
RT: 11.756 min Scan# 1750

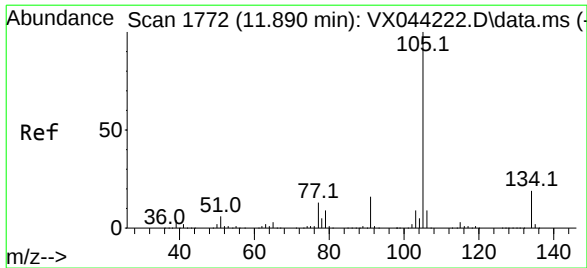
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	105	Resp:	2461
Ion Ratio	Lower	Upper	
105	100		
120	46.5	21.7	65.1





#85

sec-Butylbenzene

Concen: 0.420 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

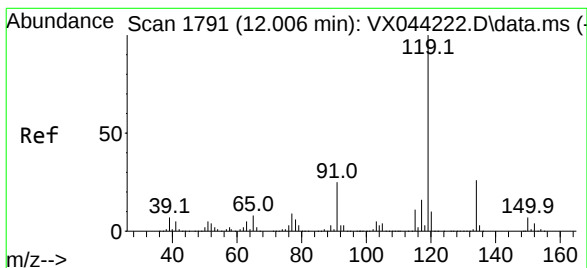
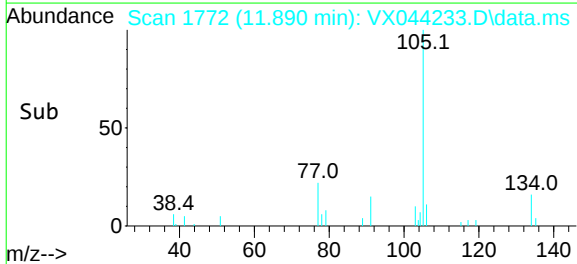
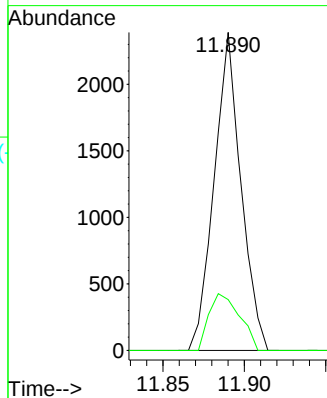
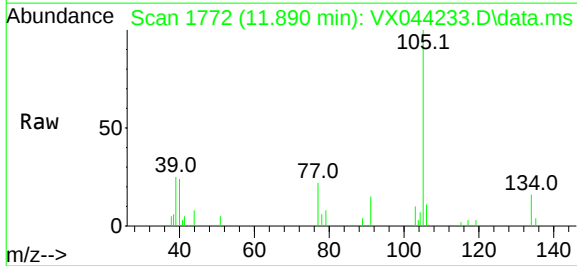
Tgt Ion:105 Resp: 2733
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 0.378 ug/l

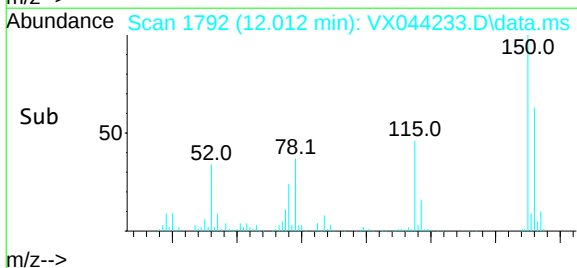
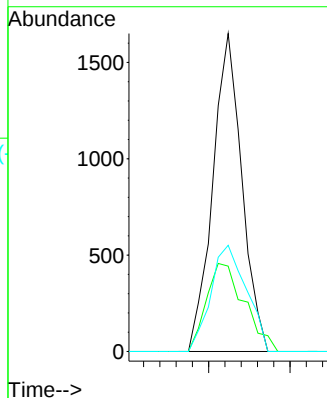
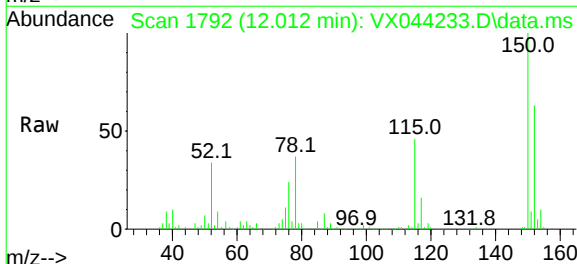
RT: 12.012 min Scan# 1792

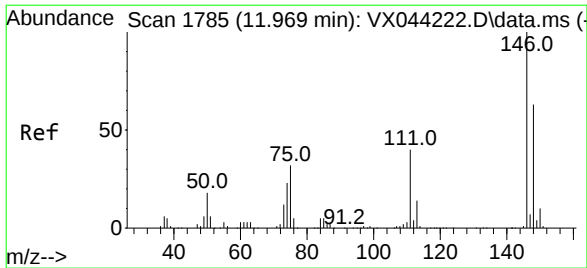
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

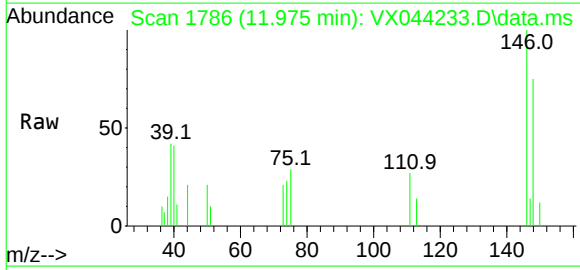
Tgt Ion:119 Resp: 2048
 Ion Ratio Lower Upper
 119 100
 134 36.2 12.8 38.4
 91 41.1 13.0 39.0#





#87
1,3-Dichlorobenzene
Concen: 0.563 ug/l
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

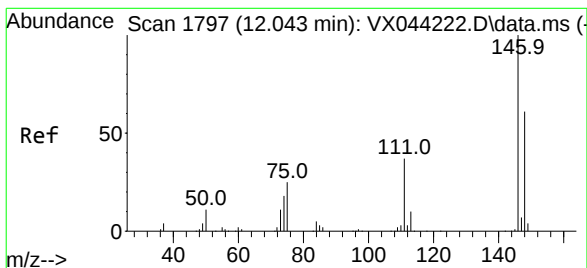
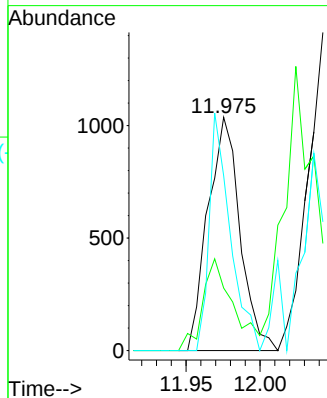
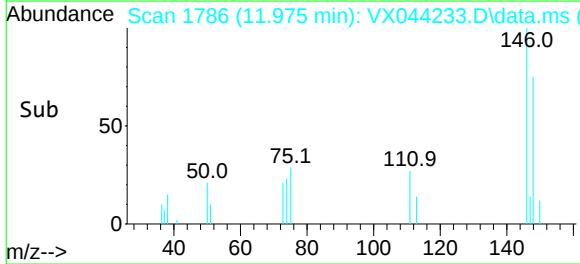
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:146 Resp: 1562
Ion Ratio Lower Upper
146 100
111 37.8 21.4 64.2
148 67.0 31.7 95.1

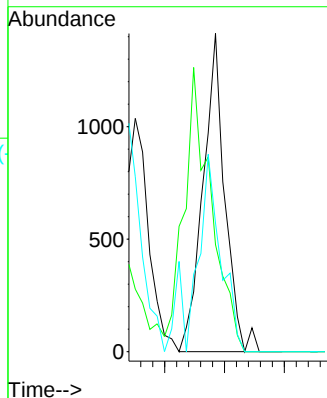
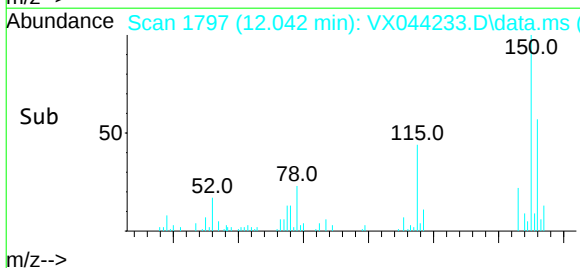
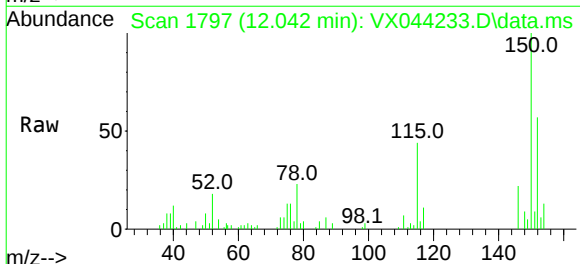
Manual Integrations
APPROVED

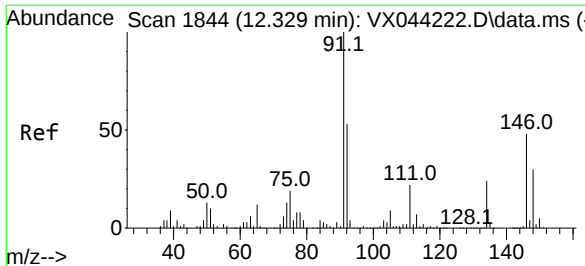
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#88
1,4-Dichlorobenzene
Concen: 0.629 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044233.D
Acq: 11 Dec 2024 17:18

Tgt Ion:146 Resp: 1793
Ion Ratio Lower Upper
146 100
111 32.9 21.0 63.0
148 58.4 32.3 96.8





#89

n-Butylbenzene

Concen: 0.363 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

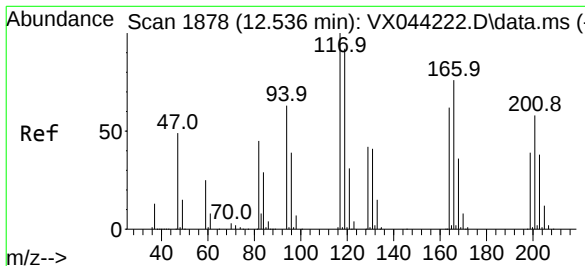
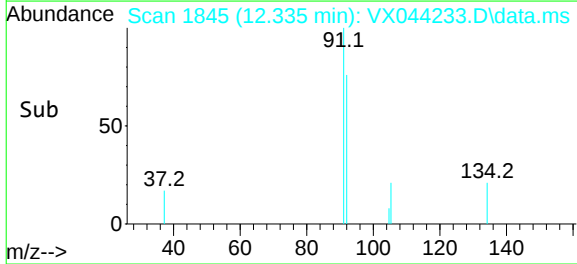
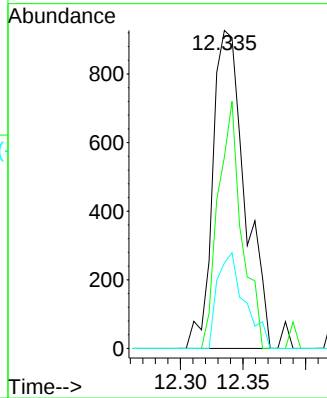
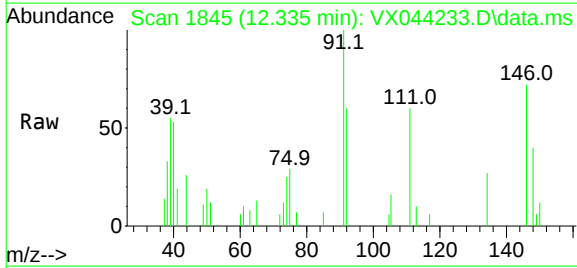
Tgt Ion:	91	Resp:	1655
Ion	Ratio	Lower	Upper
91	100		
92	56.9	26.6	79.7
134	25.4	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 0.378 ug/l

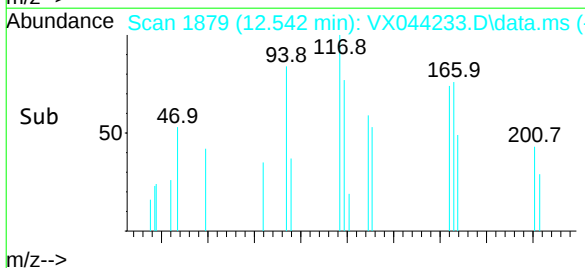
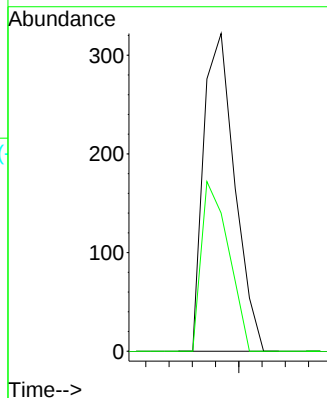
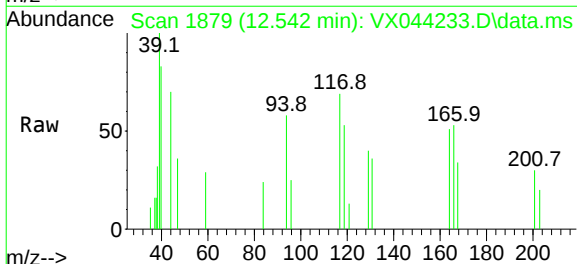
RT: 12.542 min Scan# 1879

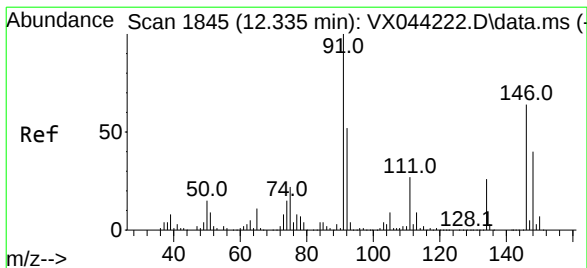
Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	117	Resp:	299
Ion	Ratio	Lower	Upper
117	100		
201	46.8	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 0.517 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

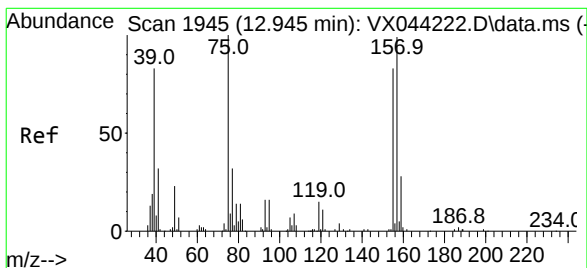
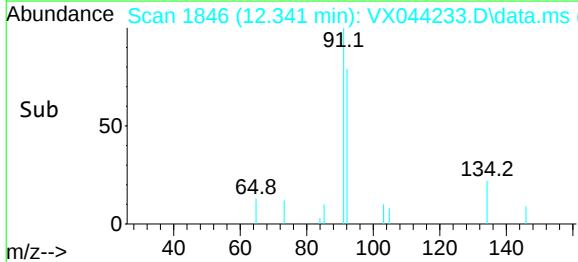
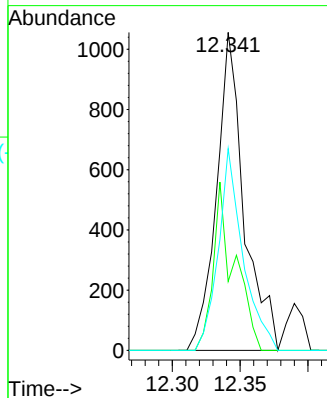
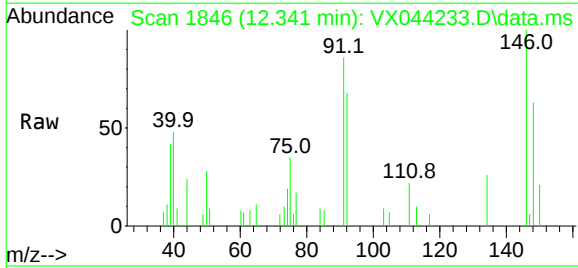
Tgt Ion:	146	Resp:	1490
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.4	64.3
148	56.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.170 ug/l

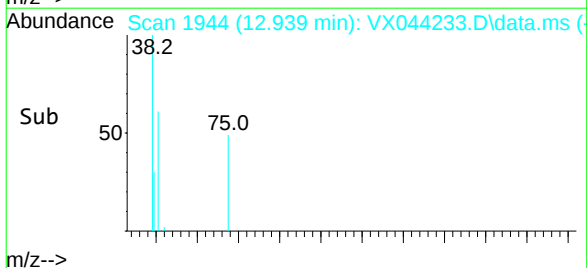
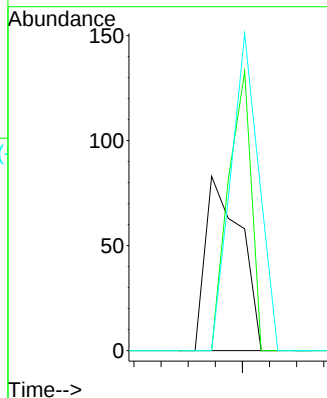
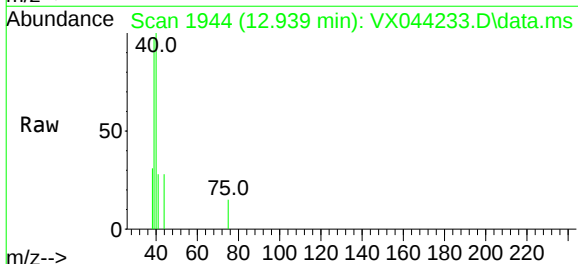
RT: 12.939 min Scan# 1944

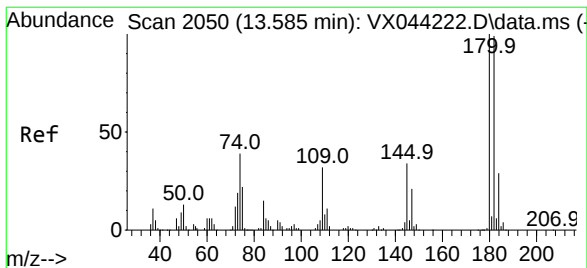
Delta R.T. -0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	75	Resp:	75
Ion Ratio	Lower	Upper	
75	100		
155	104.0	38.1	114.3
157	145.3	47.2	141.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.490 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

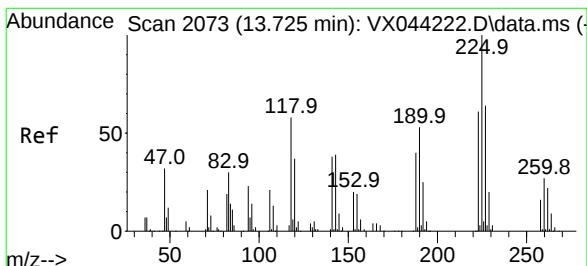
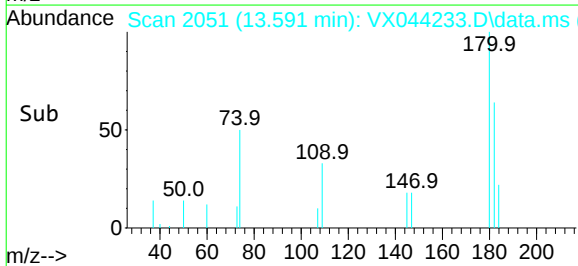
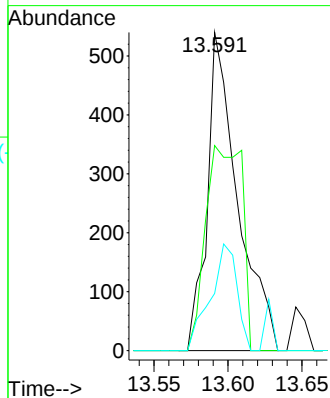
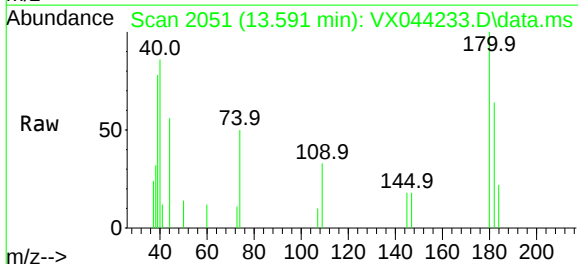
Tgt Ion:	180	Resp:	774
Ion Ratio	Lower	Upper	
180	100		
182	76.9	48.0	144.2
145	29.2	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 0.461 ug/l

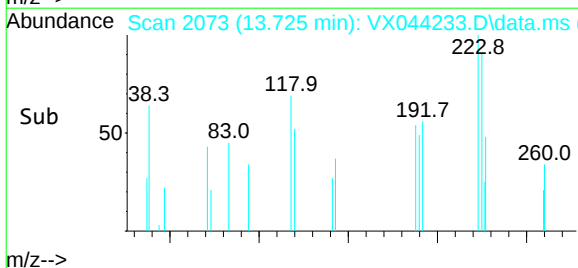
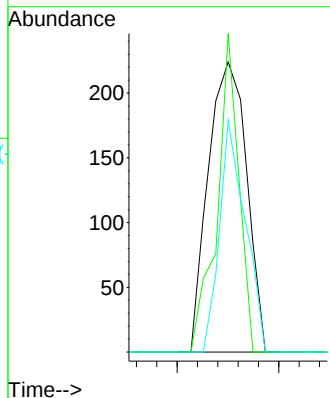
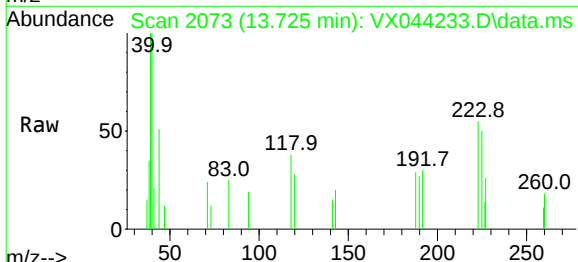
RT: 13.725 min Scan# 2073

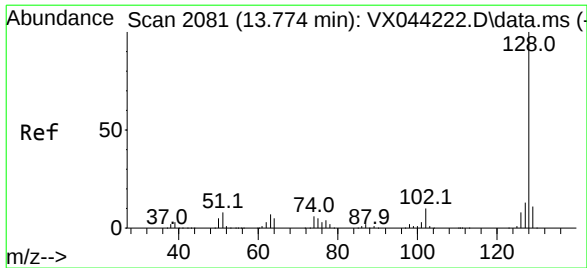
Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	225	Resp:	293
Ion Ratio	Lower	Upper	
225	100		
223	62.1	30.8	92.4
227	53.6	32.1	96.3





#95

Naphthalene

Concen: 0.412 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

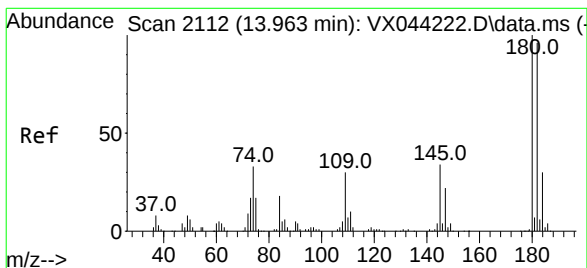
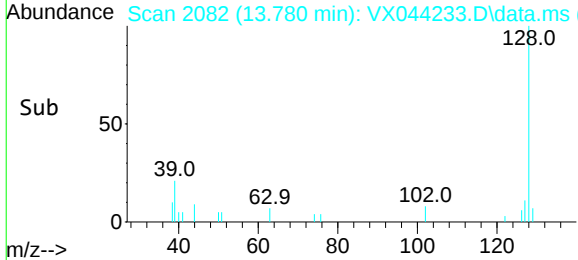
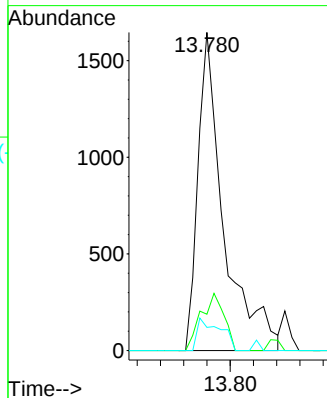
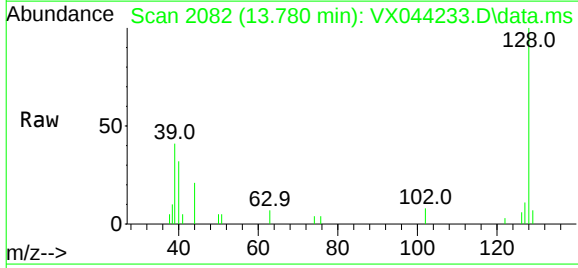
Tgt Ion:	128	Resp:	2536
Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.5	15.7
129	9.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.490 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044233.D

Acq: 11 Dec 2024 17:18

Tgt Ion:	180	Resp:	821
Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.0
145	30.3	17.7	53.1

