

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044235.D
 Acq On : 11 Dec 2024 18:04
 Operator : JC/MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 12 05:35:58 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	5.550	168	138842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130785	53.725	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	5.379	113	89775	50.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	313049	52.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.340%			
62) 4-Bromofluorobenzene	11.079	95	101321	48.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4862	2.265	ug/l	83
3) Chloromethane	1.294	50	5067	2.468	ug/l #	86
4) Vinyl Chloride	1.374	62	5460	2.553	ug/l	99
5) Bromomethane	1.593	94	4669	3.077	ug/l	94
6) Chloroethane	1.666	64	3596	2.700	ug/l	95
7) Trichlorofluoromethane	1.868	101	10084	2.408	ug/l	91
8) Diethyl Ether	2.130	74	3315	2.319	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	3988	2.354	ug/l	99
10) Methyl Iodide	2.441	142	4935	2.210	ug/l	95
11) Tert butyl alcohol	2.983	59	3331	9.709	ug/l	99
12) 1,1-Dichloroethene	2.306	96	4039	2.595	ug/l	85
13) Acrolein	2.233	56	6357	12.800	ug/l	97
14) Allyl chloride	2.654	41	6171	2.381	ug/l	96
15) Acrylonitrile	3.075	53	10815	11.380	ug/l	96
16) Acetone	2.386	43	12395	12.489	ug/l #	89
17) Carbon Disulfide	2.502	76	6555	2.216	ug/l	96
18) Methyl Acetate	2.703	43	6724	2.628	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	14715	2.423	ug/l	97
20) Methylene Chloride	2.782	84	4609	2.473	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	4049	2.448	ug/l	96
22) Diisopropyl ether	3.764	45	14675	2.514	ug/l #	84
23) Vinyl Acetate	3.727	43	52144	10.988	ug/l	97
24) 1,1-Dichloroethane	3.611	63	7854	2.414	ug/l	97
25) 2-Butanone	4.587	43	15244	10.804	ug/l	93
26) 2,2-Dichloropropane	4.471	77	6222	2.354	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4827	2.298	ug/l	94
28) Bromochloromethane	4.891	49	3787	2.374	ug/l #	99
29) Tetrahydrofuran	5.013	42	10905	12.042	ug/l	94
30) Chloroform	5.093	83	8597	2.352	ug/l	92
31) Cyclohexane	5.471	56	6379	2.428	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	7340	2.419	ug/l	96
36) 1,1-Dichloropropene	5.702	75	5751	2.502	ug/l #	84
37) Ethyl Acetate	4.739	43	6080	2.139	ug/l #	91
38) Carbon Tetrachloride	5.666	117	5287	2.136	ug/l	88
39) Methylcyclohexane	7.379	83	6275	2.283	ug/l	91
40) Benzene	6.037	78	16877	2.418	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2058	1.364	ug/l #	69
42) 1,2-Dichloroethane	6.086	62	7248	2.521	ug/l	87
43) Isopropyl Acetate	6.355	43	10141	2.283	ug/l	96
44) Trichloroethene	7.123	130	4060	2.332	ug/l	93
45) 1,2-Dichloropropane	7.427	63	4354	2.442	ug/l	90
46) Dibromomethane	7.586	93	3323	2.402	ug/l	97
47) Bromodichloromethane	7.824	83	5354	2.241	ug/l #	94
48) Methyl methacrylate	7.708	41	4868	2.258	ug/l	93
49) 1,4-Dioxane	7.671	88	1274	35.638	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	31389	10.991	ug/l	100
52) Toluene	8.720	92	10379	2.368	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	4784	2.045	ug/l #	82
54) cis-1,3-Dichloropropene	8.366	75	5230	2.010	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	4401	2.527	ug/l #	81
56) Ethyl methacrylate	9.122	69	5610	2.041	ug/l	96
57) 1,3-Dichloropropane	9.311	76	7130	2.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	16832	12.140	ug/l	98
59) 2-Hexanone	9.433	43	21942	10.614	ug/l	100
60) Dibromochloromethane	9.525	129	3517	2.103	ug/l	100
61) 1,2-Dibromoethane	9.610	107	4160	2.347	ug/l	94
64) Tetrachloroethene	9.275	164	3623	2.510	ug/l	97
65) Chlorobenzene	10.079	112	10912	2.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3110	2.077	ug/l	87
67) Ethyl Benzene	10.195	91	18406	2.286	ug/l	99
68) m/p-Xylenes	10.299	106	13240	4.482	ug/l	97
69) o-Xylene	10.640	106	6746	2.257	ug/l	99
70) Styrene	10.659	104	10291	2.148	ug/l	97
71) Bromoform	10.799	173	1893	1.983	ug/l #	97
73) Isopropylbenzene	10.963	105	17139	2.538	ug/l	99
74) N-amyl acetate	10.848	43	6276	2.011	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	6036	2.574	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	5267m	2.675	ug/l	
77) Bromobenzene	11.201	156	4251	2.596	ug/l	98
78) n-propylbenzene	11.305	91	17813	2.387	ug/l	100
79) 2-Chlorotoluene	11.366	91	12166	2.521	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13452	2.402	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	56694	92.527	ug/l #	4
82) 4-Chlorotoluene	11.457	91	12239	2.290	ug/l	97
83) tert-Butylbenzene	11.713	119	13340	2.411	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	12889	2.344	ug/l	98
85) sec-Butylbenzene	11.890	105	14476	2.155	ug/l	96
86) p-Isopropyltoluene	12.006	119	12364	2.211	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	7188	2.513	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	7422	2.524	ug/l	82
89) n-Butylbenzene	12.335	91	9615	2.045	ug/l	95
90) Hexachloroethane	12.542	117	1617	1.981	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	7096	2.390	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.951	75	777	1.707	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	3578	2.198	ug/l	99
94) Hexachlorobutadiene	13.725	225	1463	2.234	ug/l	97
95) Naphthalene	13.780	128	13813	2.174	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3860	2.235	ug/l	96

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

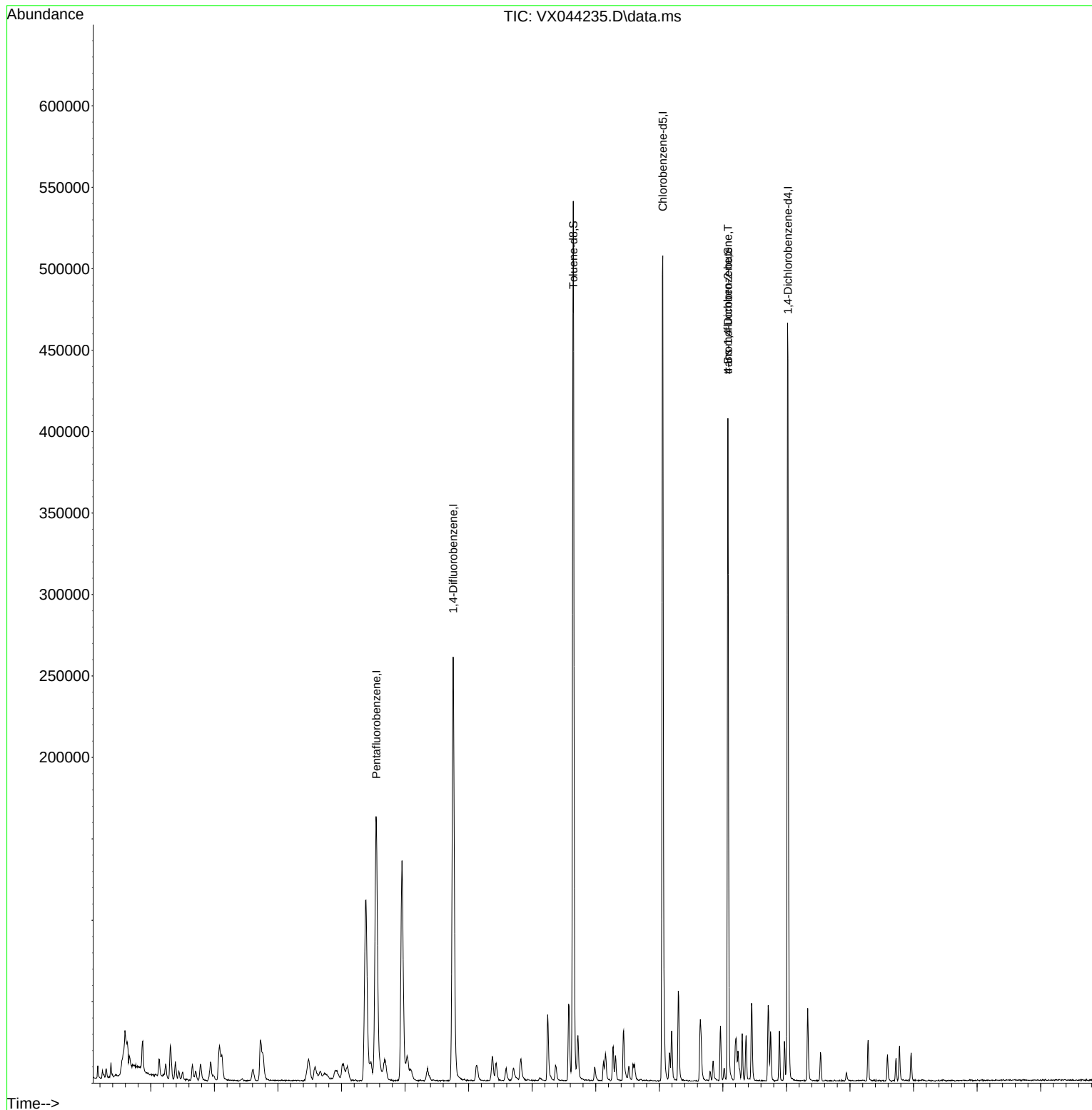
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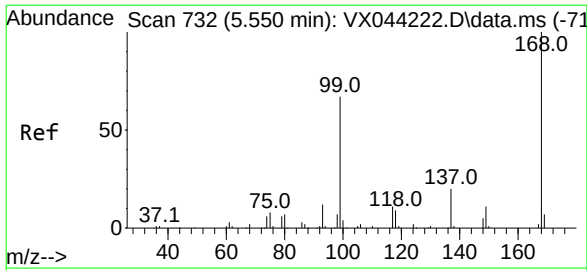
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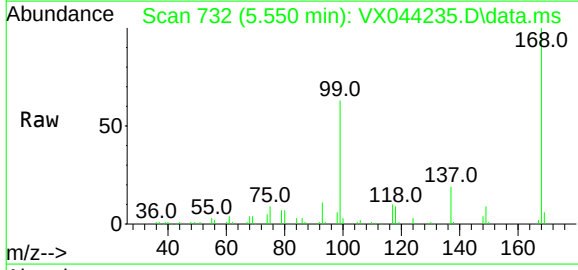
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044235.D
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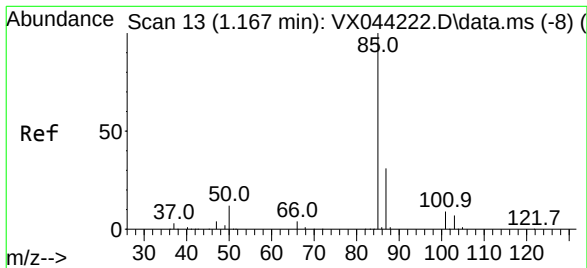
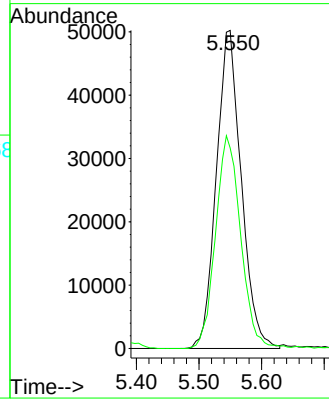
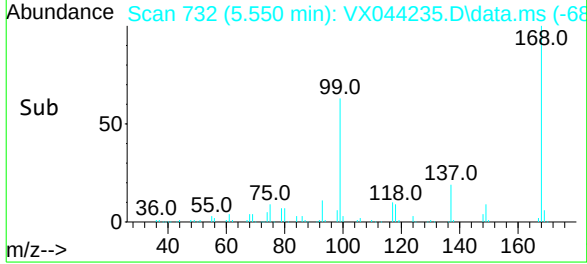
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 138842
Ion Ratio Lower Upper
168 100
99 63.0 53.4 80.0

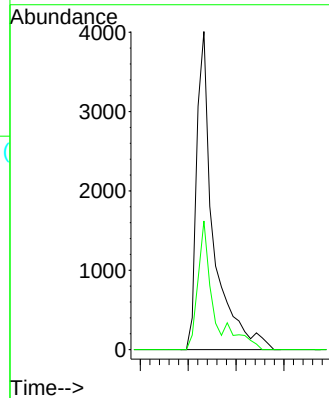
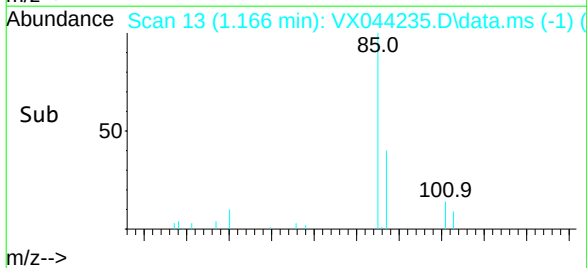
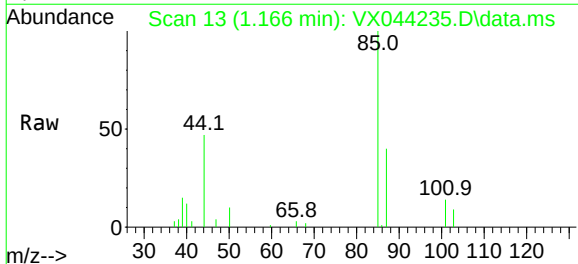
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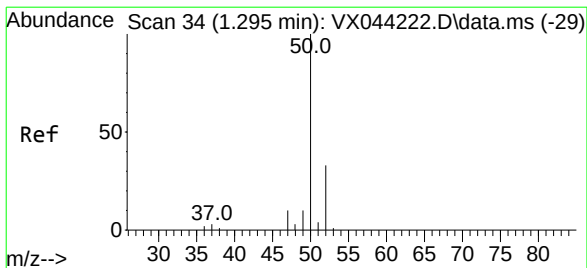
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#2
Dichlorodifluoromethane
Concen: 2.265 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 85 Resp: 4862
Ion Ratio Lower Upper
85 100
87 40.5 15.4 46.4





#3

Chloromethane

Concen: 2.468 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 50 Resp: 5067

Ion Ratio Lower Upper

50 100

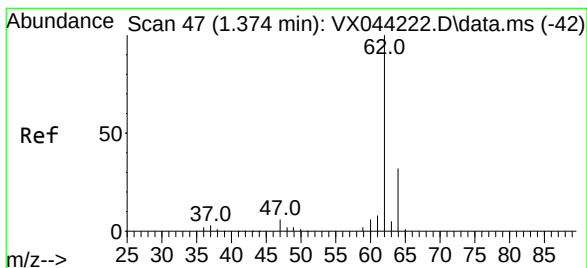
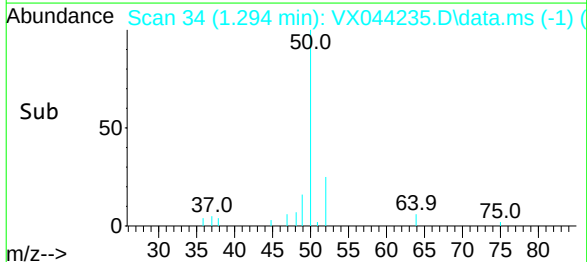
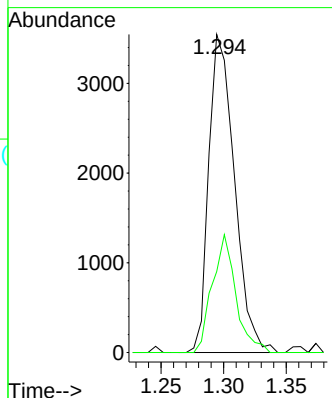
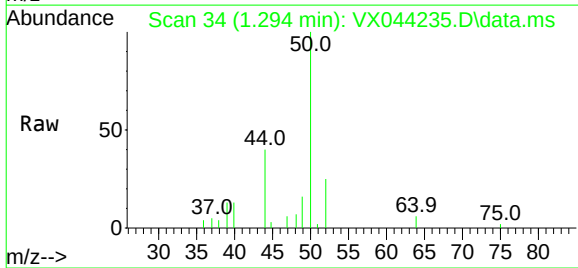
52 25.4 26.5 39.7#

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 2.553 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044235.D

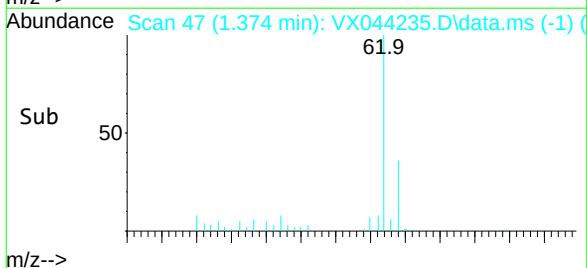
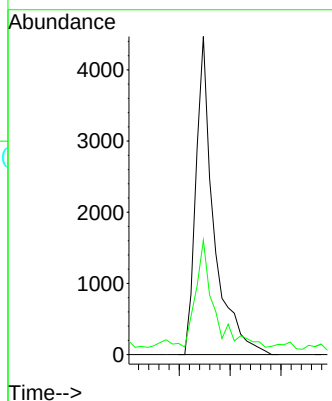
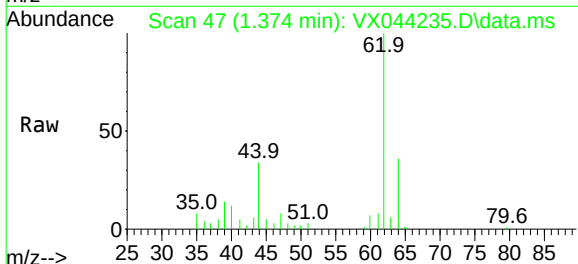
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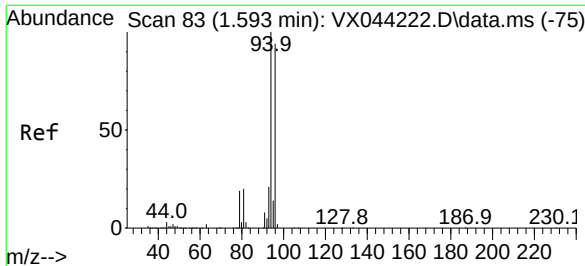
Tgt Ion: 62 Resp: 5460

Ion Ratio Lower Upper

62 100

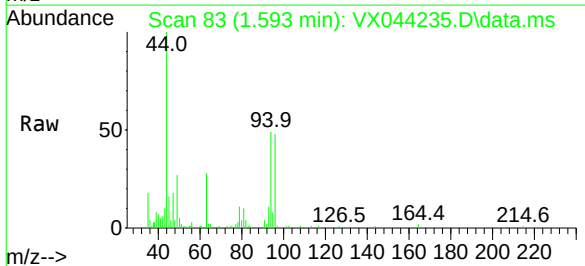
64 32.8 25.7 38.5





#5
Bromomethane
Concen: 3.077 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
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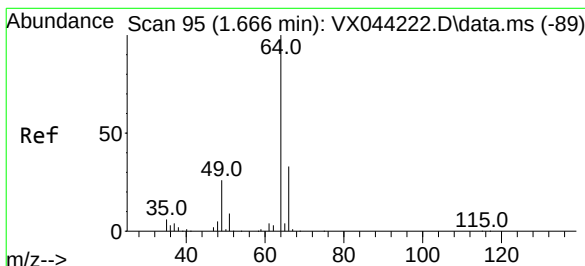
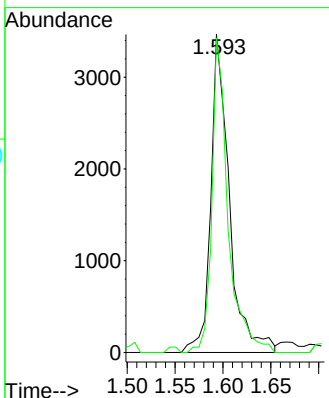
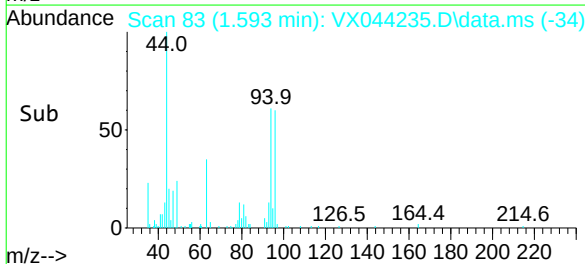
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Tgt Ion: 94 Resp: 4669
Ion Ratio Lower Upper
94 100
96 98.9 74.9 112.3

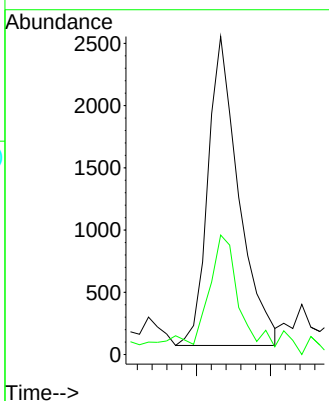
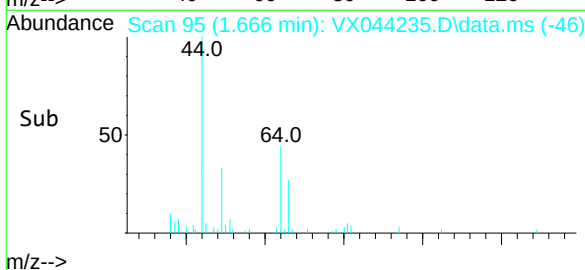
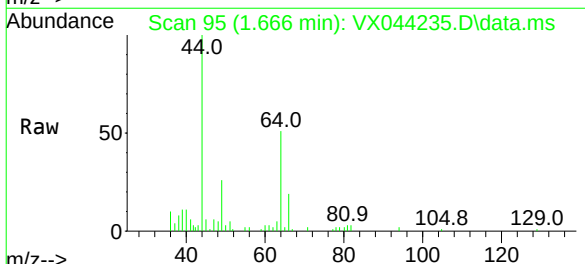
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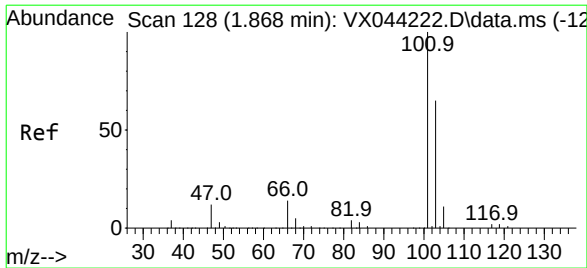
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 2.700 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

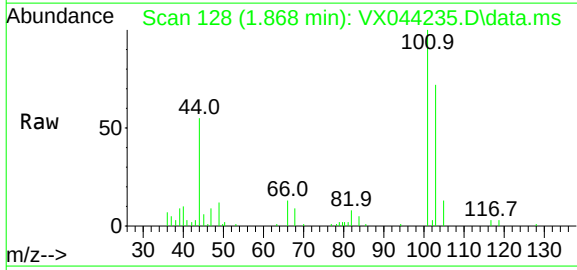
Tgt Ion: 64 Resp: 3596
Ion Ratio Lower Upper
64 100
66 36.2 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 2.408 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044235.D
 Acq: 11 Dec 2024 18:04

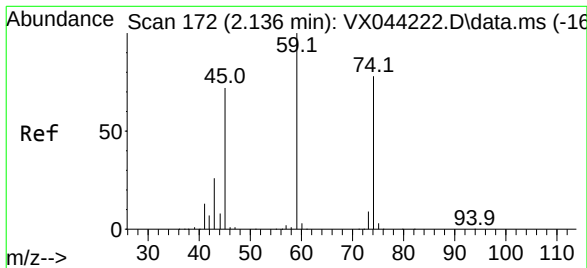
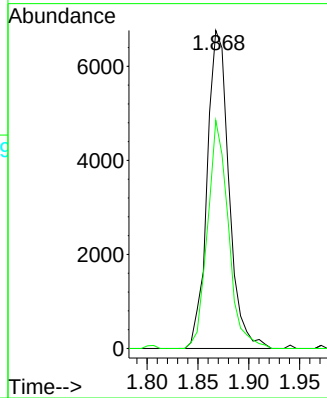
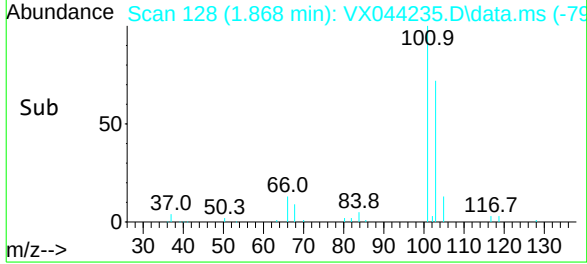
Instrument : MSVOA_X
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Tgt Ion: 101 Resp: 10084
 Ion Ratio Lower Upper
 101 100
 103 71.7 51.8 77.8

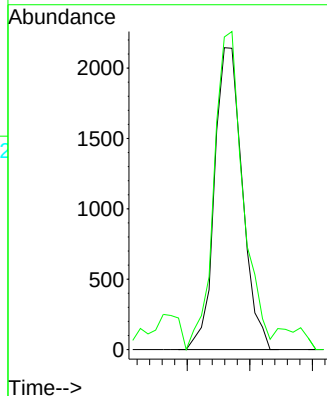
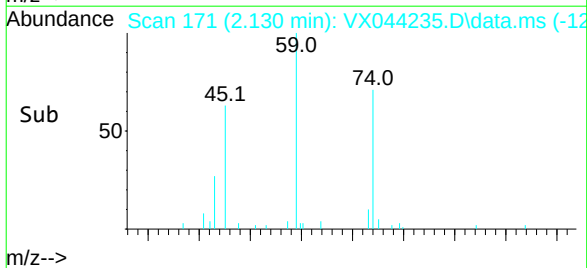
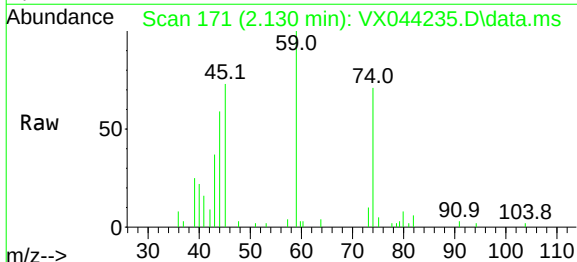
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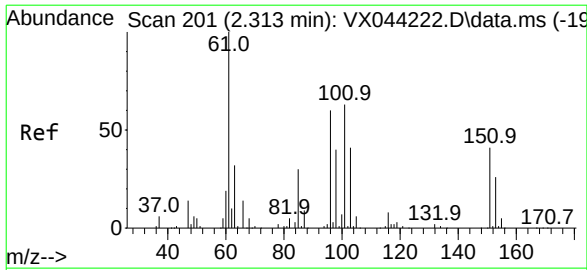
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#8
 Diethyl Ether
 Concen: 2.319 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044235.D
 Acq: 11 Dec 2024 18:04

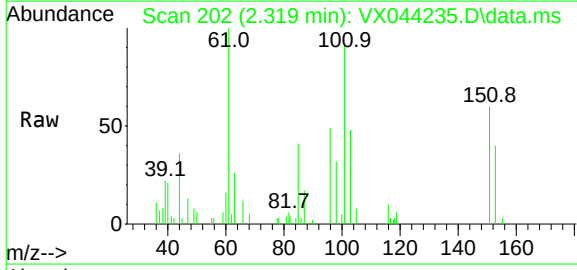
Tgt Ion: 74 Resp: 3315
 Ion Ratio Lower Upper
 74 100
 45 109.7 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.354 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

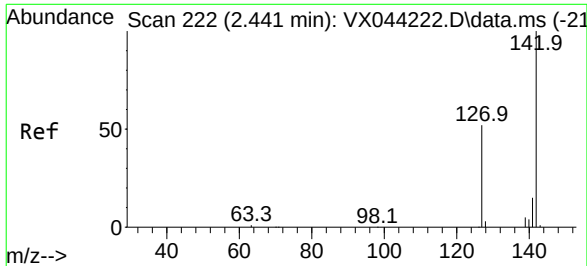
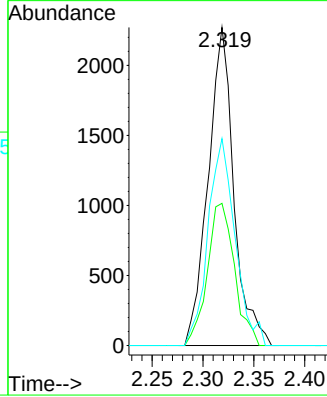
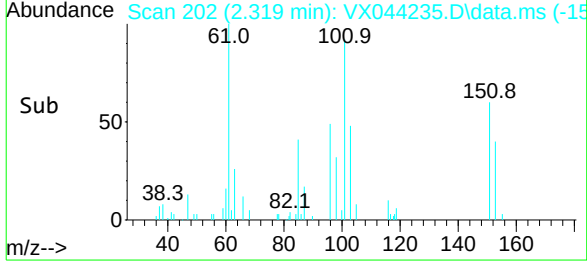
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:101 Resp: 3988
Ion Ratio Lower Upper
101 100
85 47.3 38.5 57.7
151 68.7 55.8 83.6

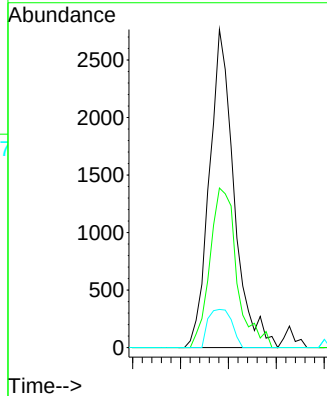
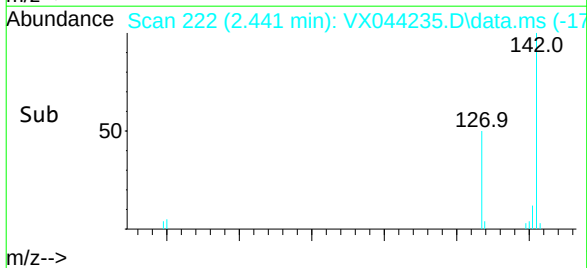
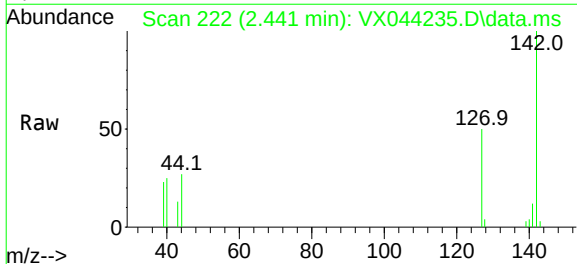
Manual Integrations
APPROVED

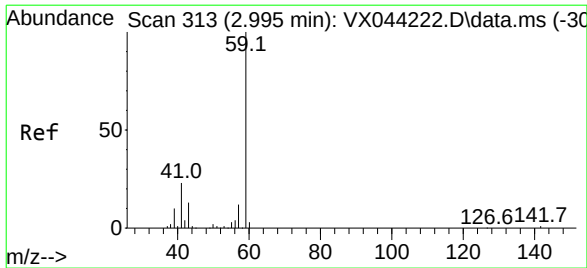
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 2.210 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion:142 Resp: 4935
Ion Ratio Lower Upper
142 100
127 55.1 41.8 62.8
141 11.6 11.5 17.3





#11

Tert butyl alcohol

Concen: 9.709 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 59 Resp: 3331

Ion Ratio Lower Upper

59 100

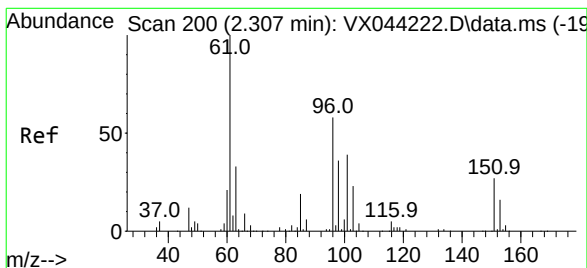
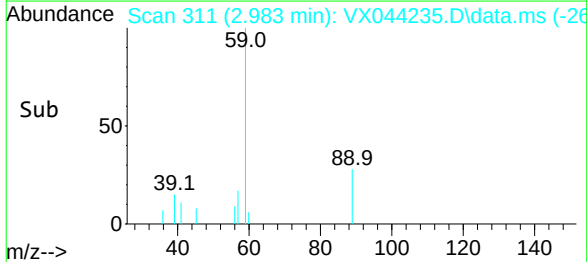
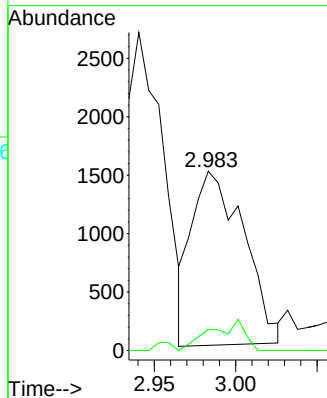
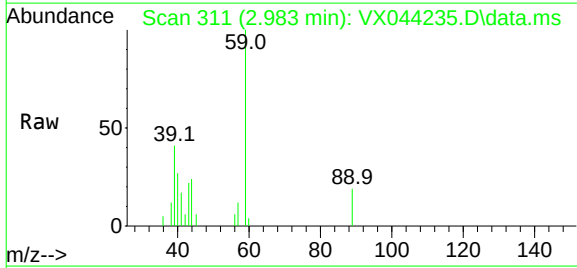
57 11.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 2.595 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

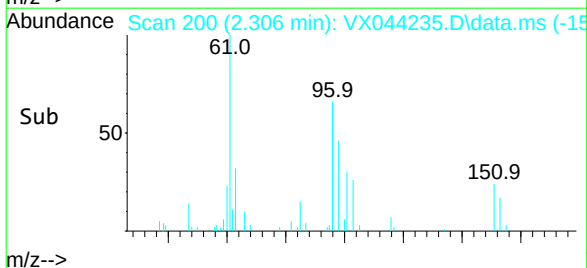
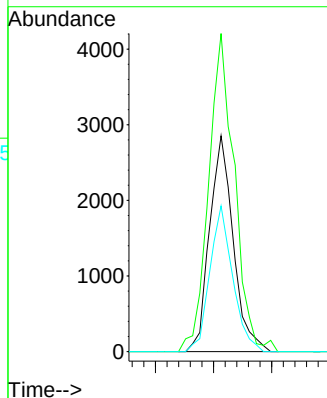
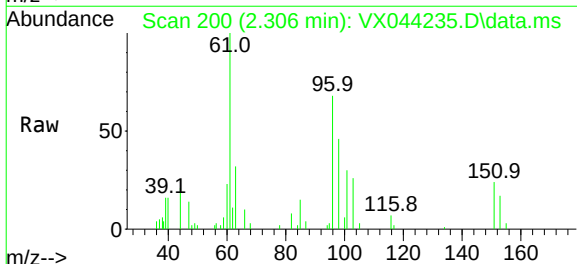
Tgt Ion: 96 Resp: 4039

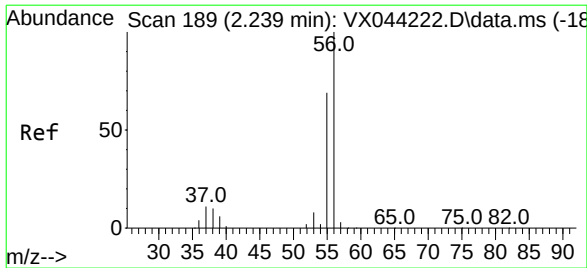
Ion Ratio Lower Upper

96 100

61 147.4 138.0 207.0

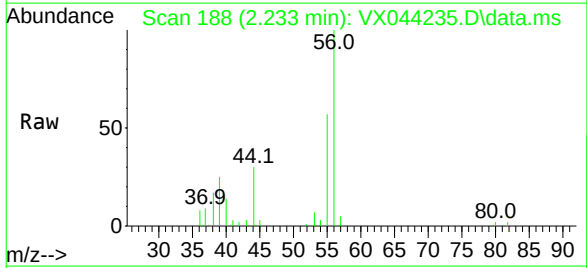
98 67.5 50.0 75.0





#13
Acrolein
Concen: 12.800 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

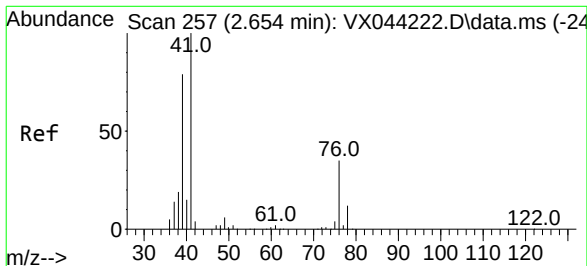
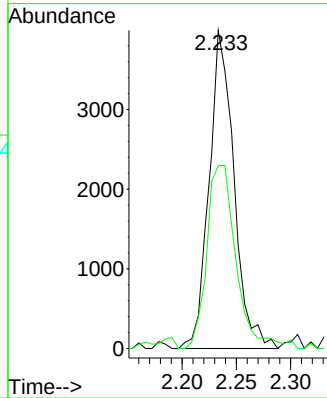
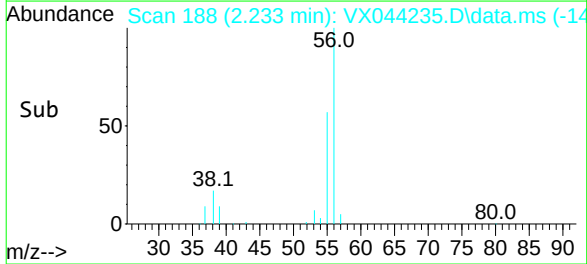
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 6357
Ion Ratio Lower Upper
56 100
55 67.9 56.6 84.8

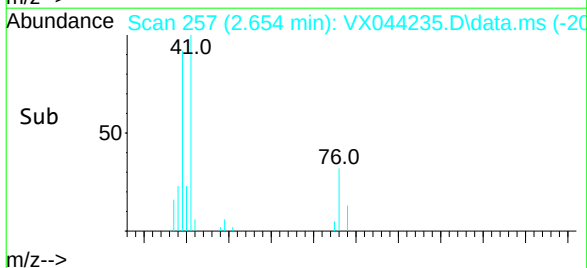
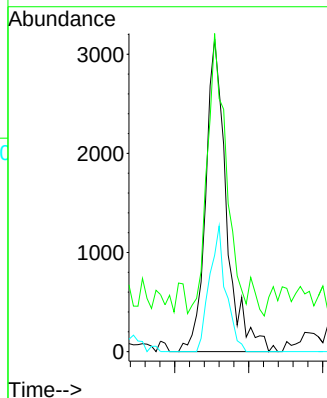
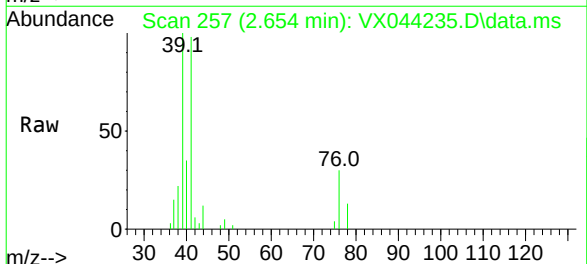
Manual Integrations
APPROVED

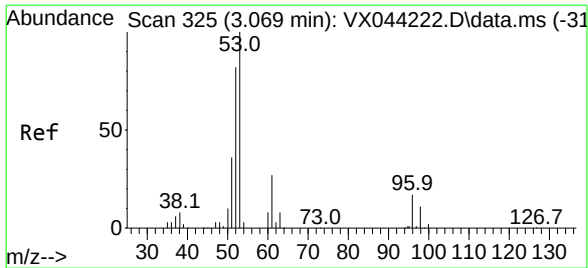
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#14
Allyl chloride
Concen: 2.381 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 41 Resp: 6171
Ion Ratio Lower Upper
41 100
39 81.2 61.9 92.9
76 31.8 27.4 41.2





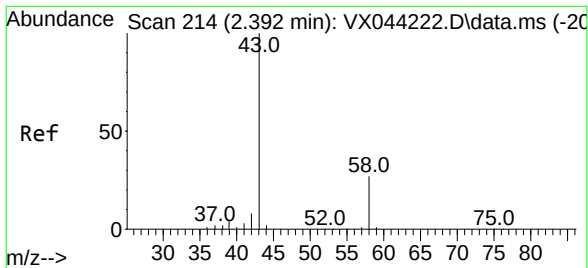
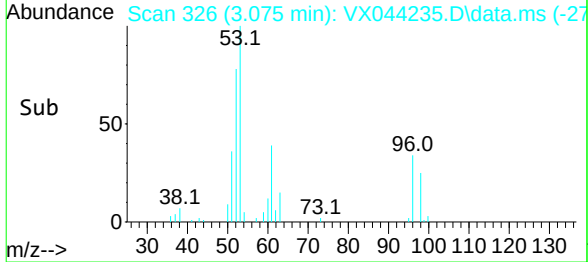
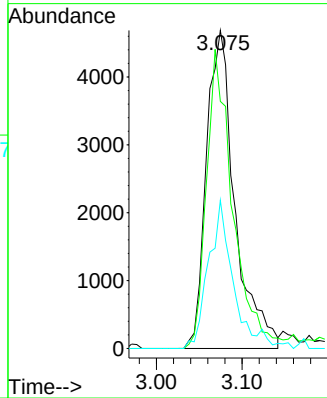
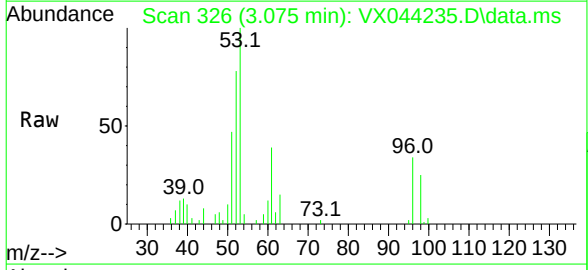
#15
Acrylonitrile
Concen: 11.380 ug/l
RT: 3.075 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.9	67.4	101.0
51	40.9	30.3	45.5

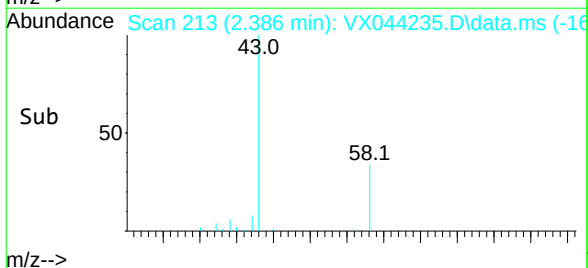
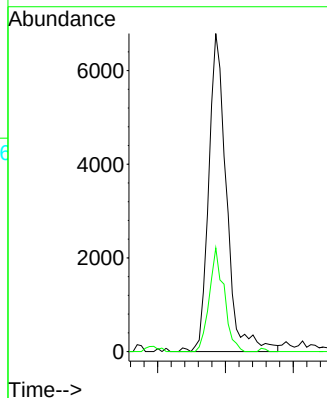
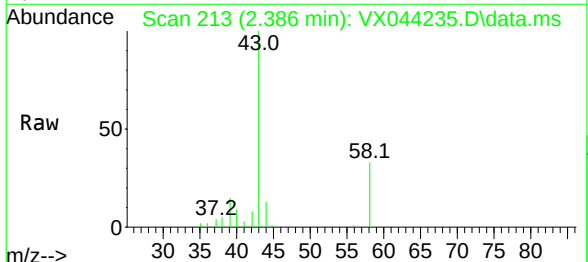
Manual Integrations
APPROVED

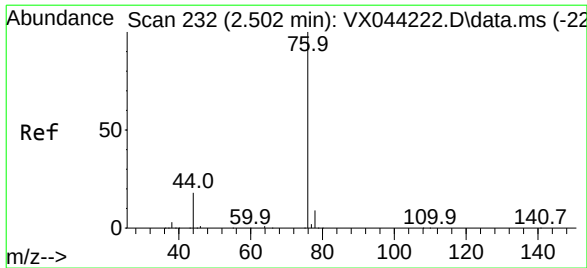
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 12.489 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	21.6	32.4





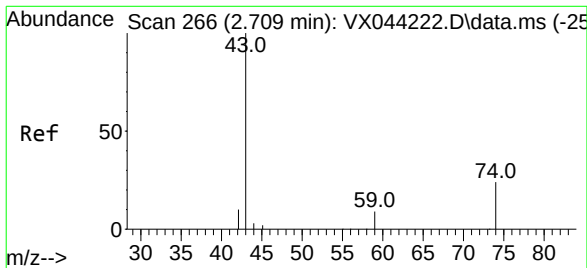
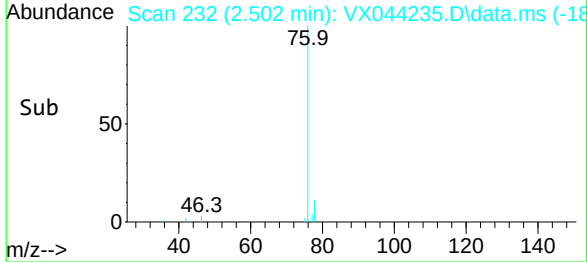
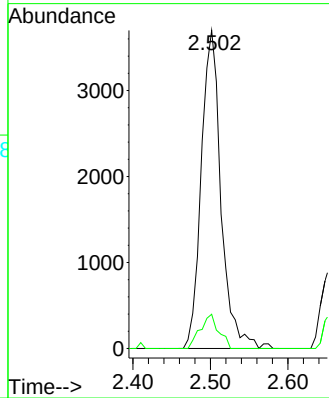
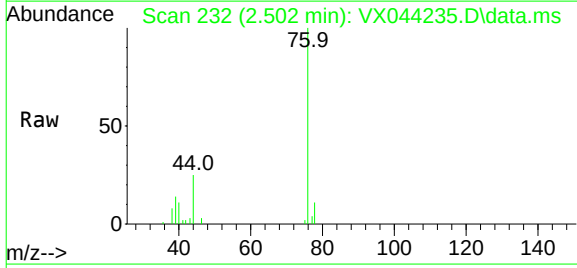
#17
Carbon Disulfide
Concen: 2.216 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 76 Resp: 6555
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

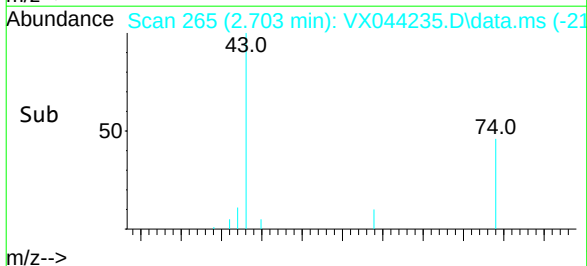
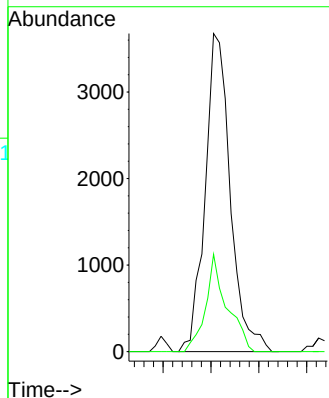
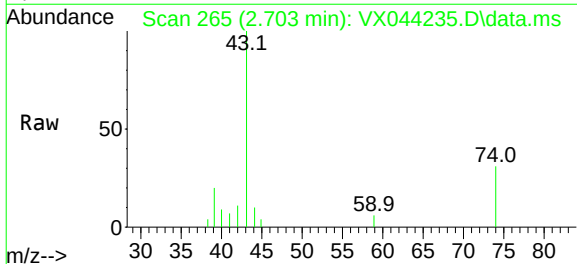
Manual Integrations
APPROVED

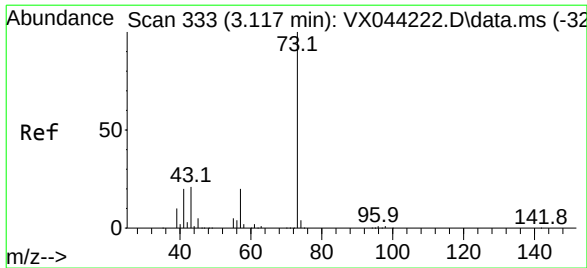
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#18
Methyl Acetate
Concen: 2.628 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 43 Resp: 6724
Ion Ratio Lower Upper
43 100
74 25.8 17.7 26.5





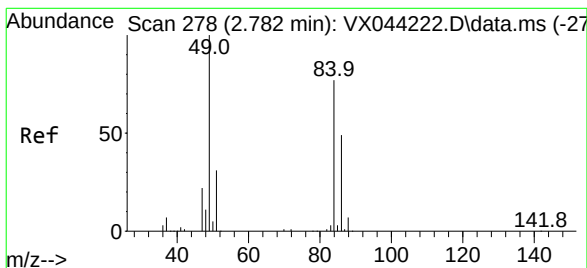
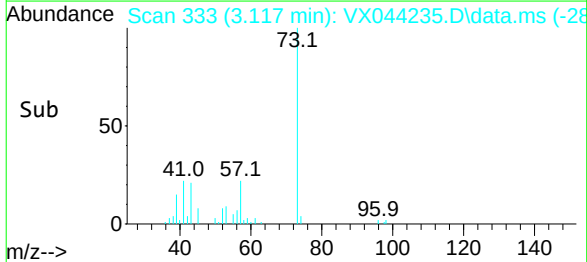
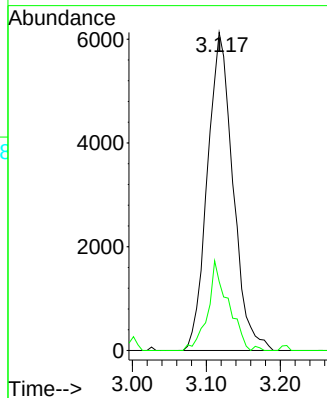
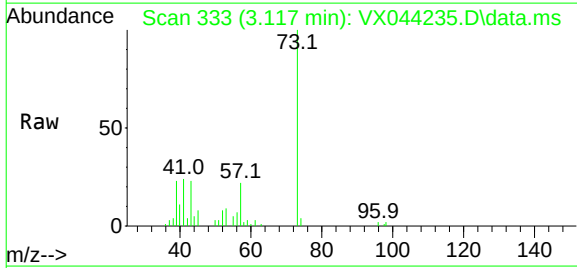
#19
Methyl tert-butyl Ether
Concen: 2.423 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 73 Resp: 14715
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.4

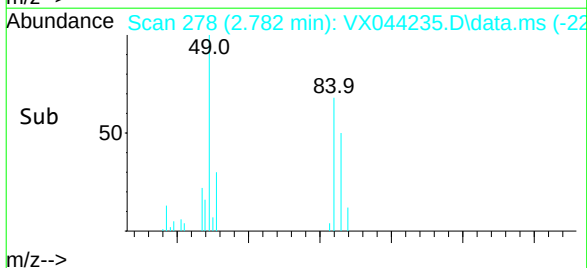
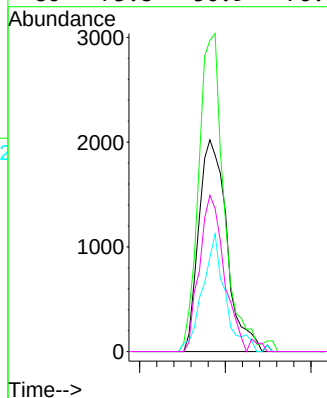
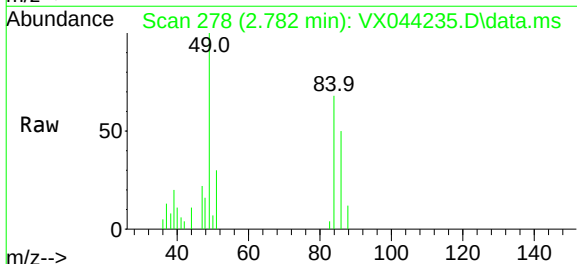
Manual Integrations
APPROVED

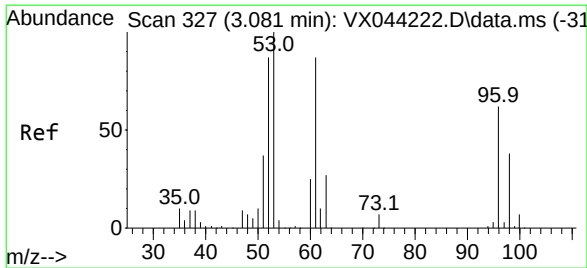
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 2.473 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

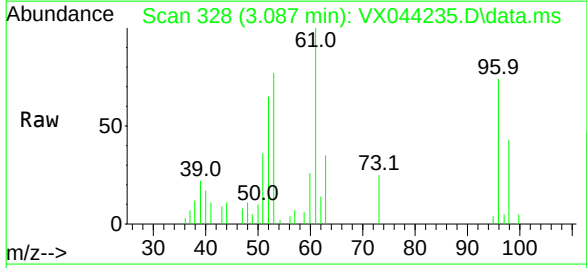
Tgt Ion: 84 Resp: 4609
Ion Ratio Lower Upper
84 100
49 146.9 104.2 156.4
51 44.5 32.2 48.4
86 73.8 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 2.448 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

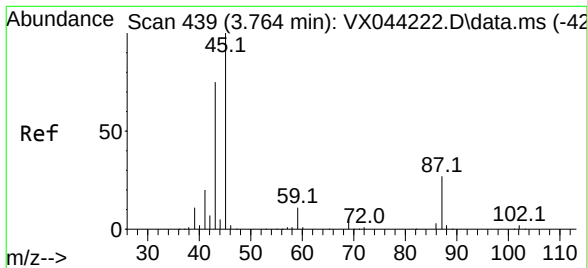
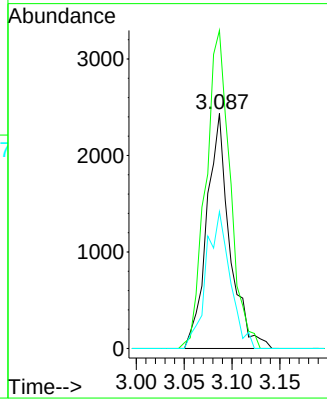
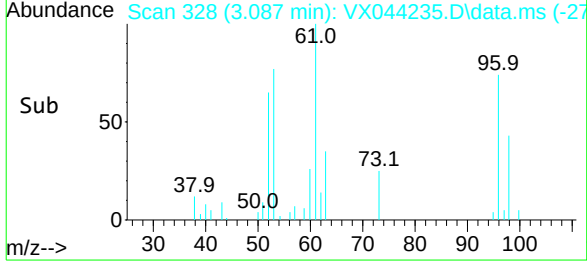
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 4049
Ion Ratio Lower Upper
96 100
61 135.4 112.0 168.0
98 58.2 48.8 73.2

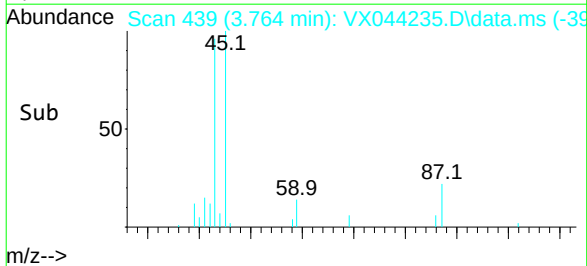
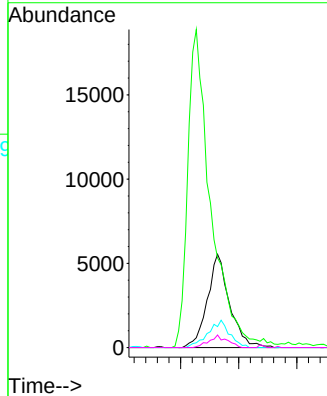
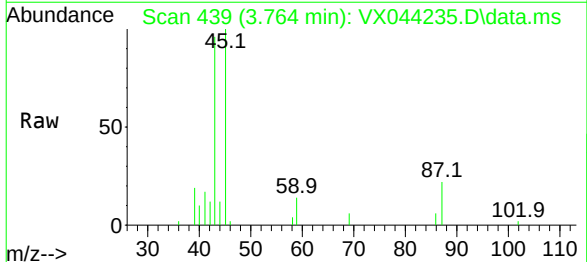
Manual Integrations
APPROVED

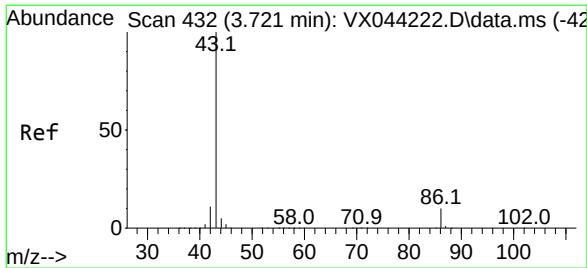
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#22
Diisopropyl ether
Concen: 2.514 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 45 Resp: 14675
Ion Ratio Lower Upper
45 100
43 92.6 60.2 90.2#
87 22.5 21.2 31.8
59 13.5 8.9 13.3#





#23

Vinyl Acetate

Concen: 10.988 ug/l

RT: 3.727 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 52144

Ion Ratio Lower Upper

43 100

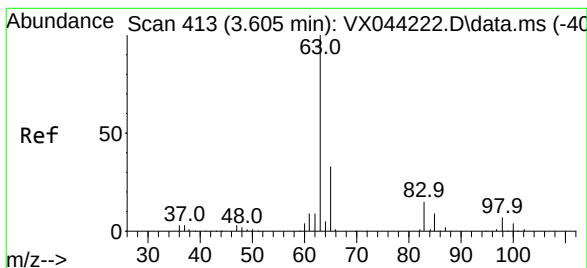
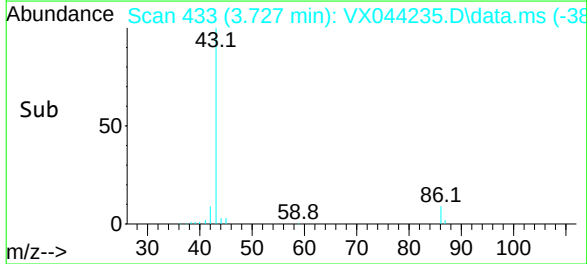
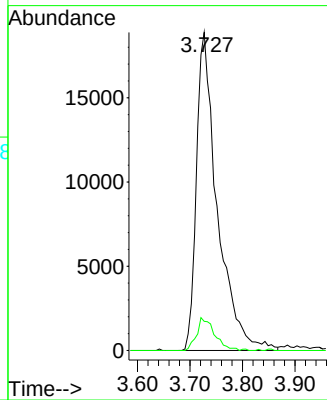
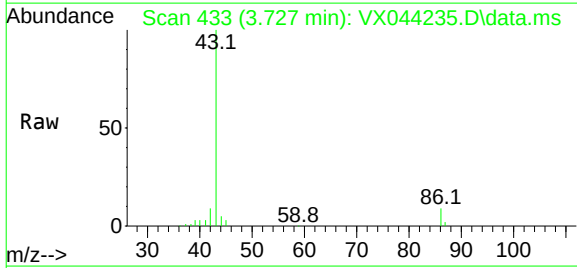
86 9.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 2.414 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

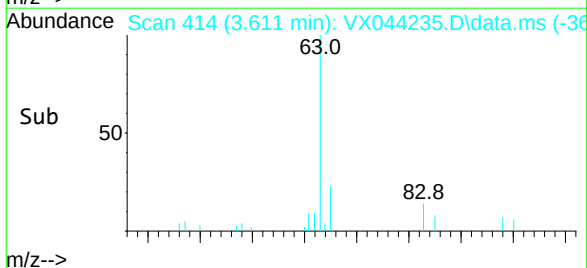
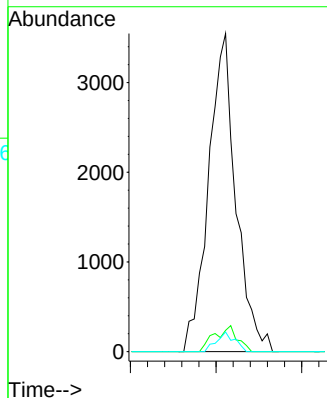
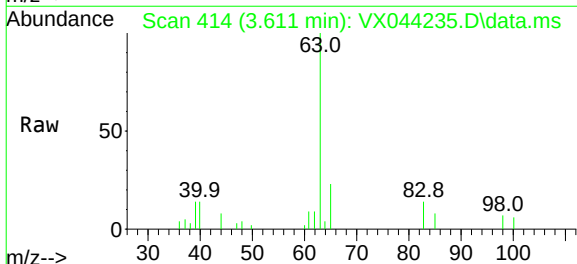
Tgt Ion: 63 Resp: 7854

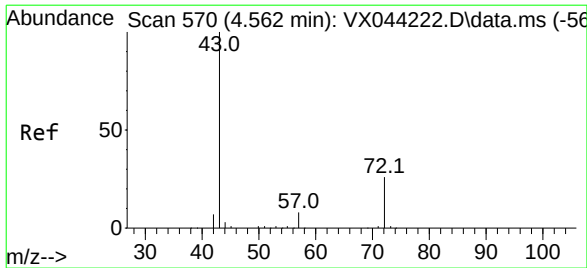
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 6.2 2.1 6.3





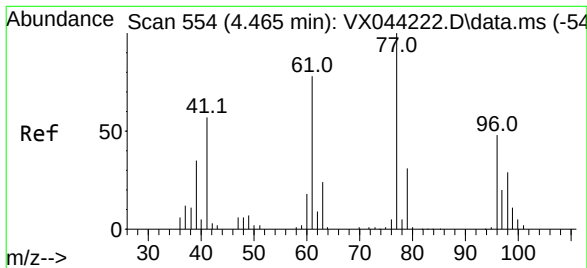
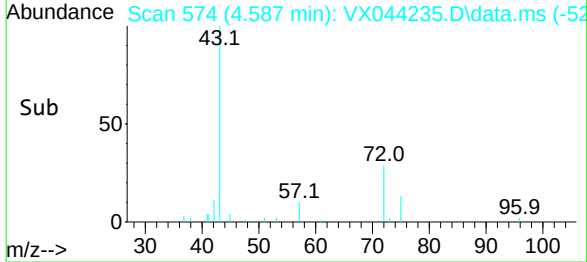
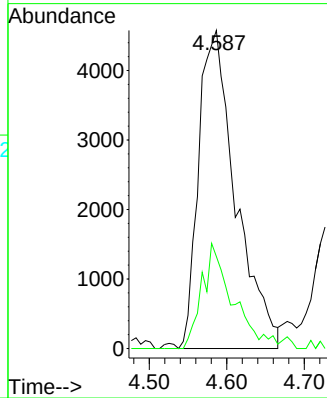
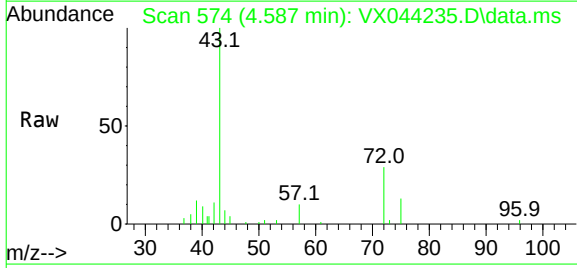
#25
2-Butanone
Concen: 10.804 ug/l
RT: 4.587 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 43 Resp: 15244
Ion Ratio Lower Upper
43 100
72 28.9 20.2 30.4

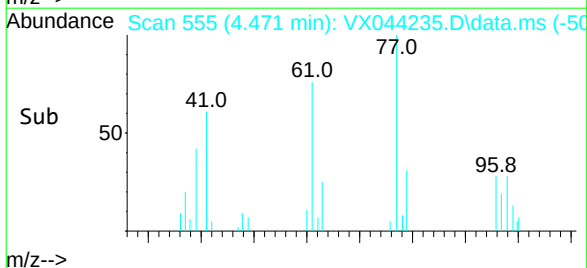
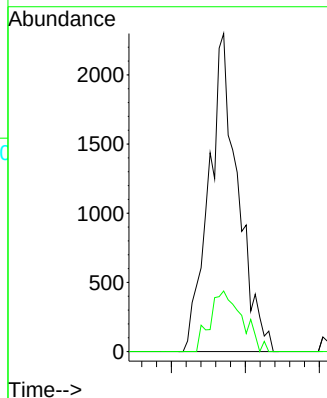
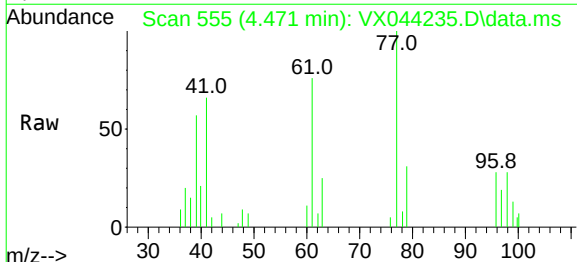
Manual Integrations
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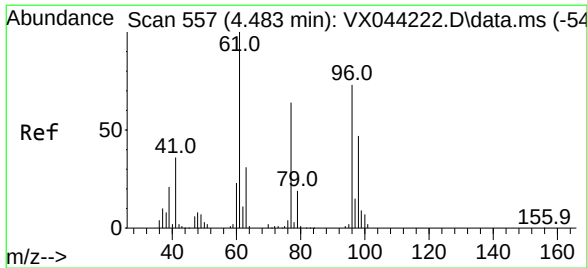
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 2.354 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

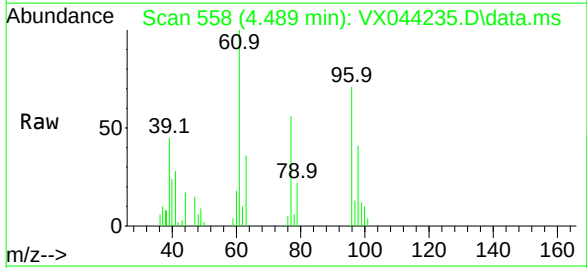
Tgt Ion: 77 Resp: 6222
Ion Ratio Lower Upper
77 100
97 21.0 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 2.298 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

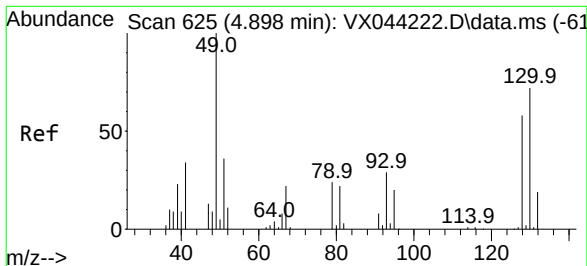
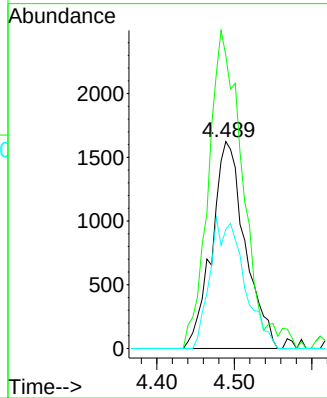
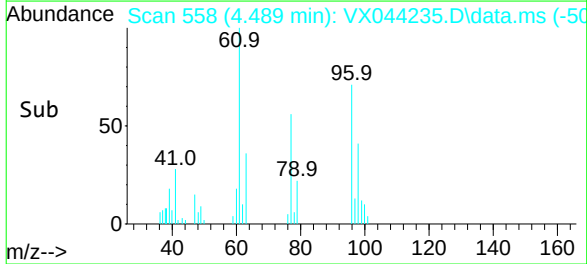
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 4827
Ion Ratio Lower Upper
96 100
61 159.8 0.0 299.0
98 64.6 0.0 129.0

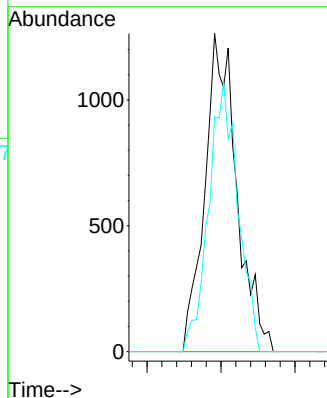
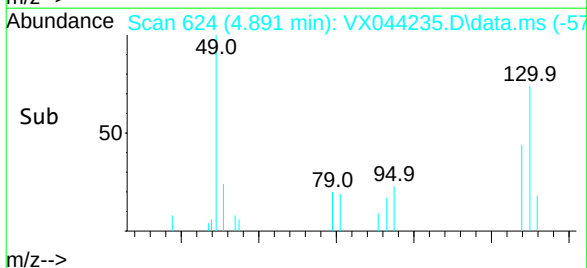
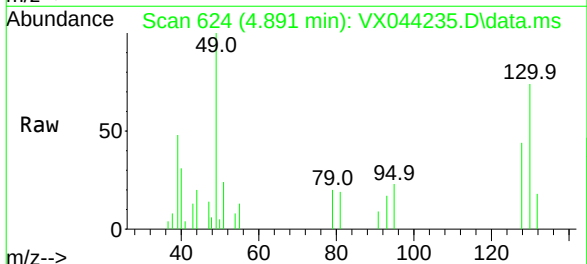
Manual Integrations
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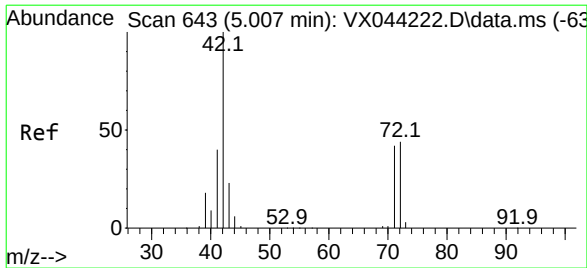
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#28
Bromochloromethane
Concen: 2.374 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 49 Resp: 3787
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 78.1 62.1 93.1





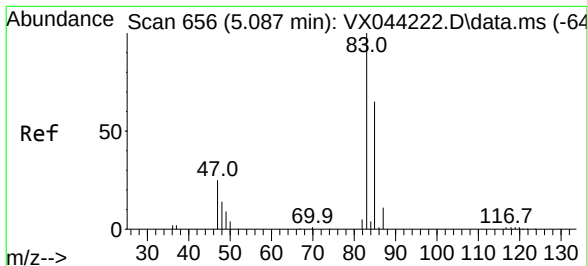
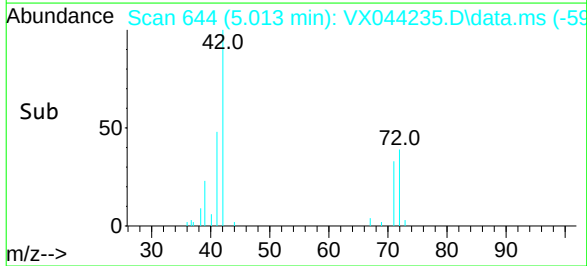
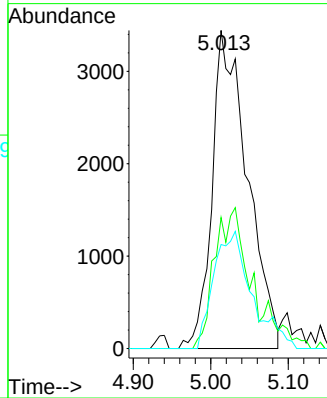
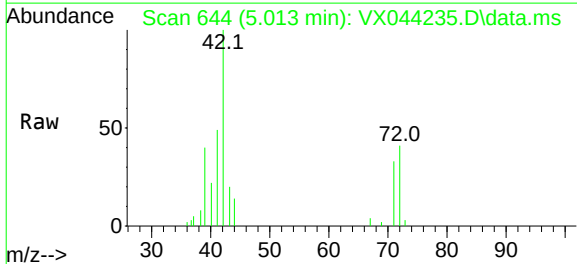
#29
Tetrahydrofuran
Concen: 12.042 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 42 Resp: 10905
Ion Ratio Lower Upper
42 100
72 41.0 37.0 55.6
71 39.5 33.6 50.4

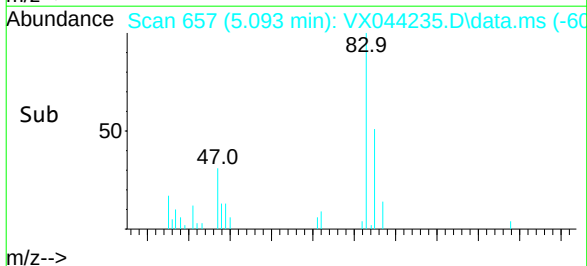
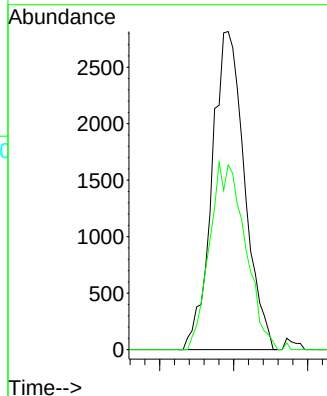
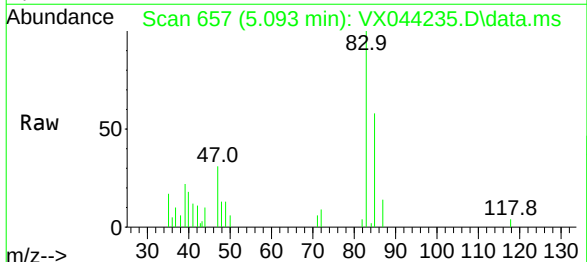
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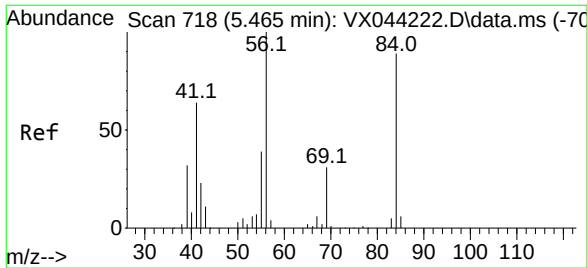
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 2.352 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

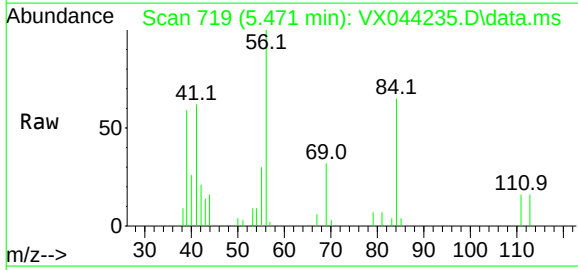
Tgt Ion: 83 Resp: 8597
Ion Ratio Lower Upper
83 100
85 58.1 51.6 77.4





#31
Cyclohexane
Concen: 2.428 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

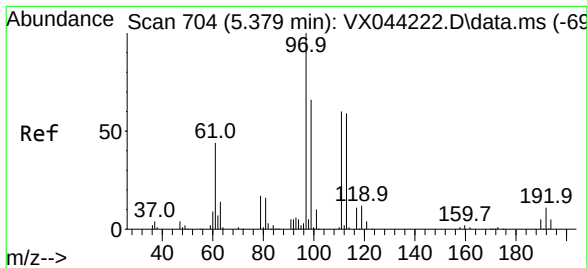
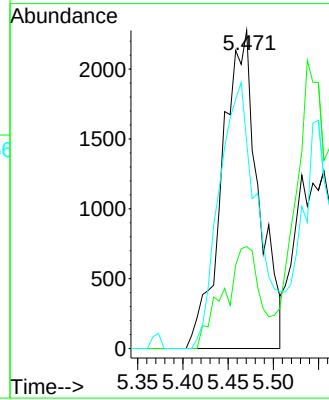
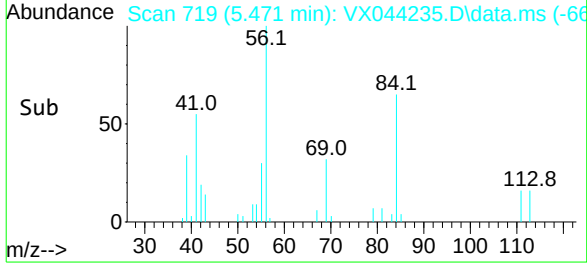
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 6379
Ion Ratio Lower Upper
56 100
69 32.1 24.7 37.1
84 64.8 71.0 106.6

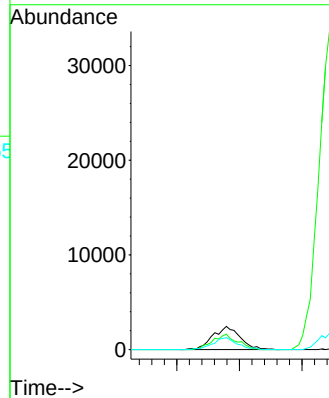
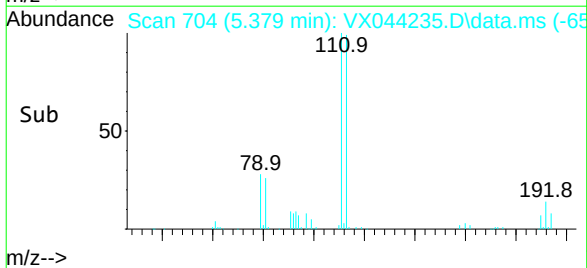
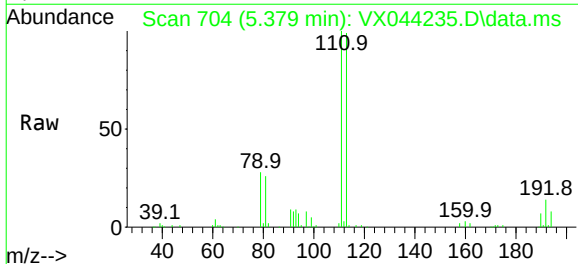
Manual Integrations
APPROVED

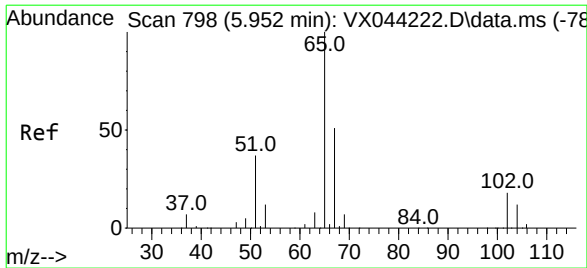
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#32
1,1,1-Trichloroethane
Concen: 2.419 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 97 Resp: 7340
Ion Ratio Lower Upper
97 100
99 60.1 50.8 76.2
61 46.0 35.2 52.8





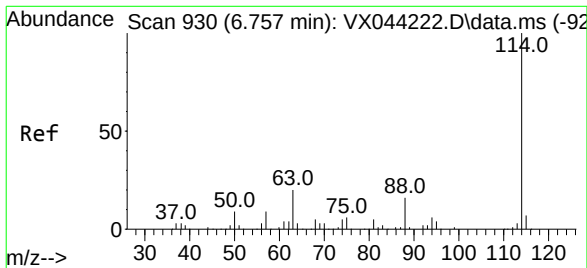
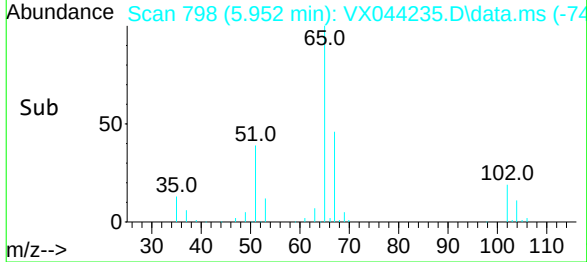
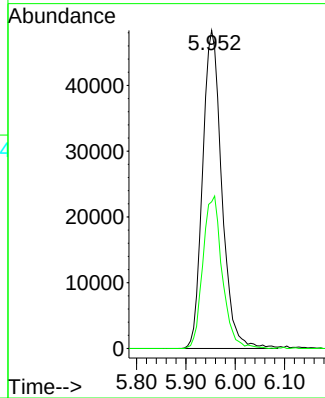
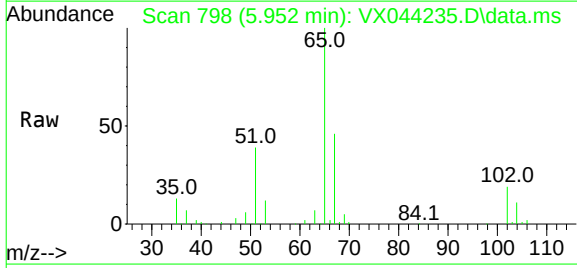
#33
1,2-Dichloroethane-d4
Concen: 53.725 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 65 Resp: 130785
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.6

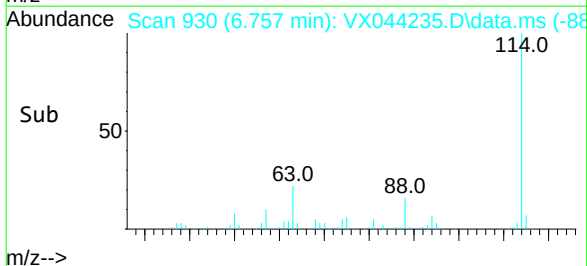
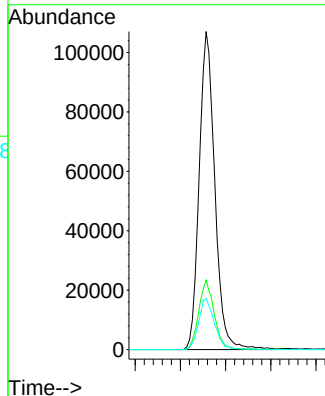
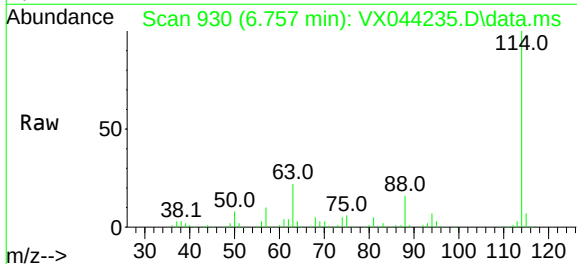
Manual Integrations
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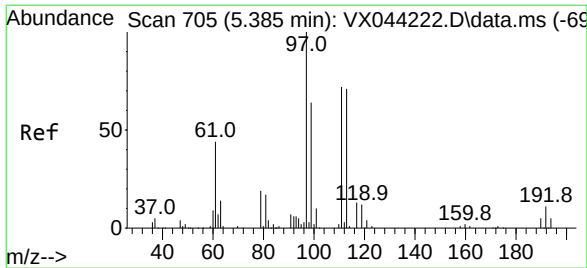
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

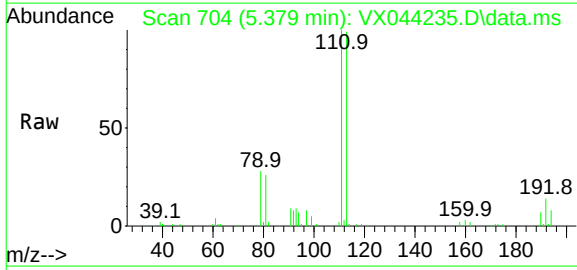
Tgt Ion:114 Resp: 256793
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 16.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.477 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

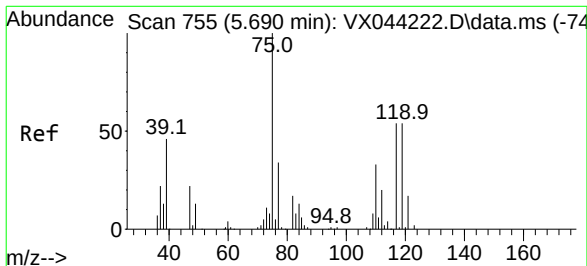
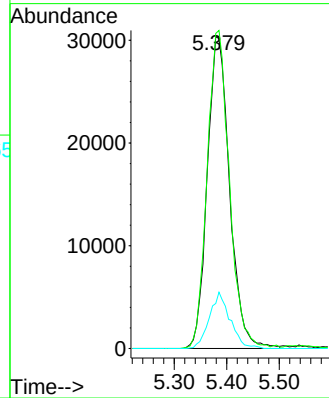
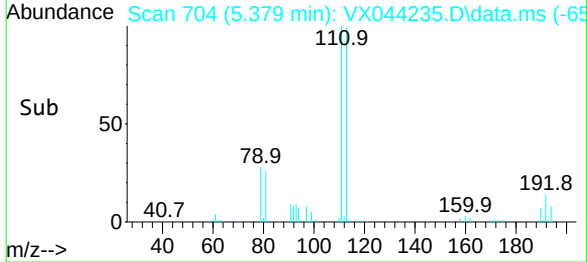
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 113 Resp: 89775
Ion Ratio Lower Upper
113 100
111 101.1 80.4 120.6
192 16.8 13.3 19.9

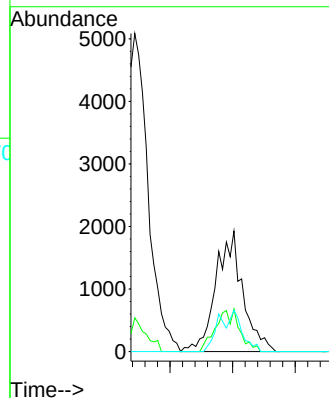
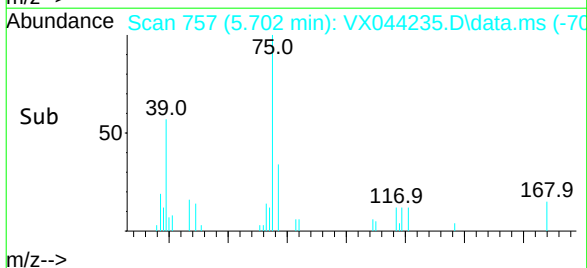
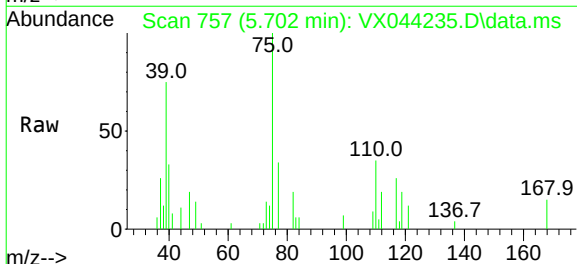
Manual Integrations
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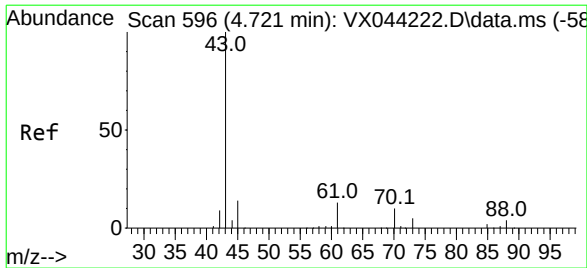
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 2.502 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 75 Resp: 5751
Ion Ratio Lower Upper
75 100
110 31.1 17.3 51.7
77 16.3 25.4 38.0#





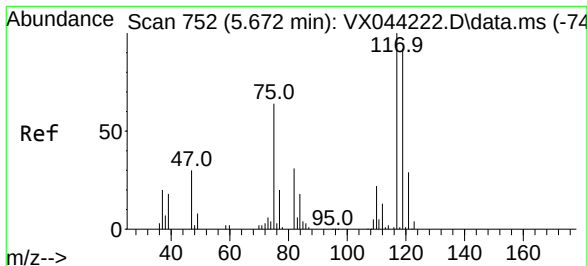
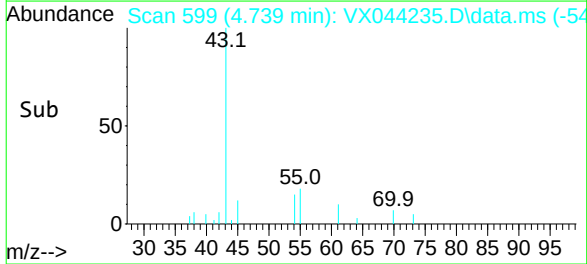
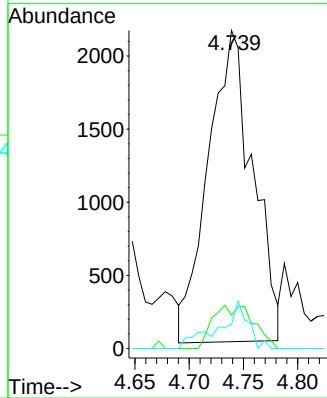
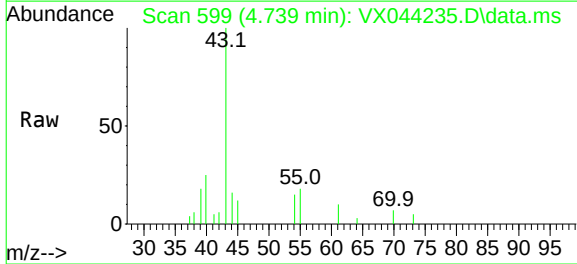
#37
Ethyl Acetate
Concen: 2.139 ug/l
RT: 4.739 min Scan# 596
Delta R.T. 0.018 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 43	Resp: 6080
Ion Ratio	Lower Upper
43 100	
61 6.4	9.8 14.8
70 10.0	7.7 11.5

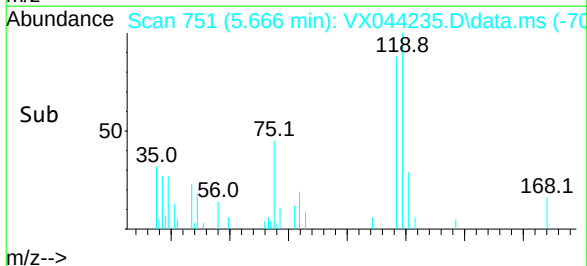
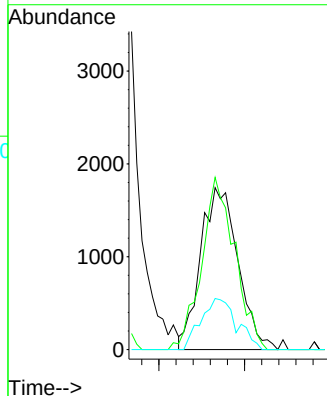
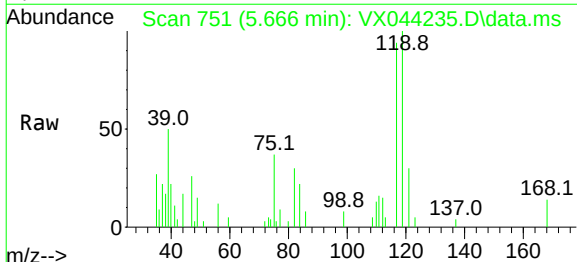
Manual Integrations
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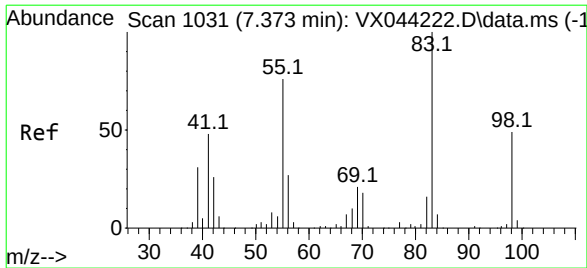
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 2.136 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 117	Resp: 5287
Ion Ratio	Lower Upper
117 100	
119 106.3	74.2 111.4
121 31.5	23.0 34.6





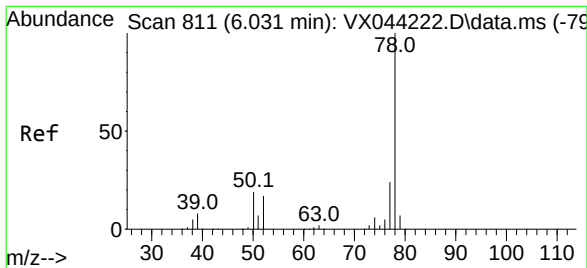
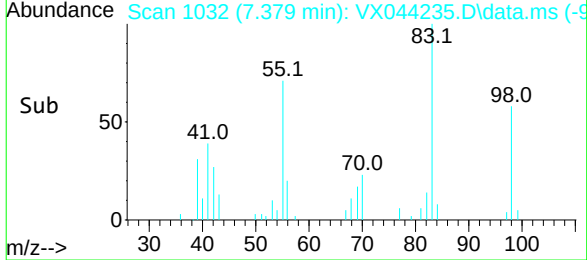
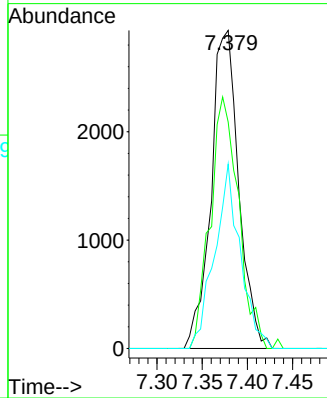
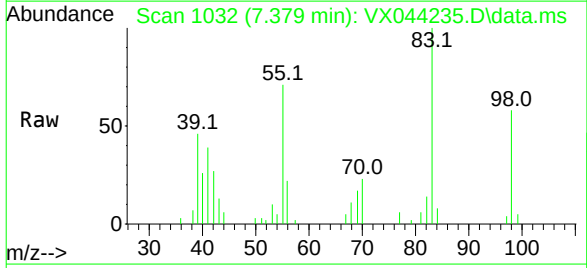
#39
Methylcyclohexane
Concen: 2.283 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion:	83	Resp:	6275
Ion	Ratio	Lower	Upper
83	100		
55	71.2	60.7	91.1
98	58.0	38.9	58.3

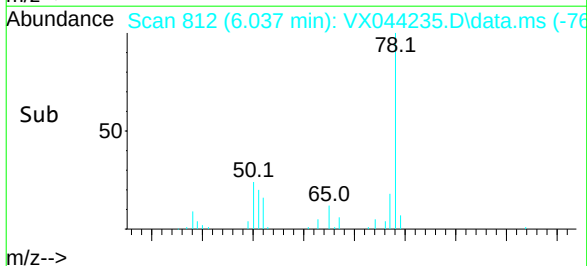
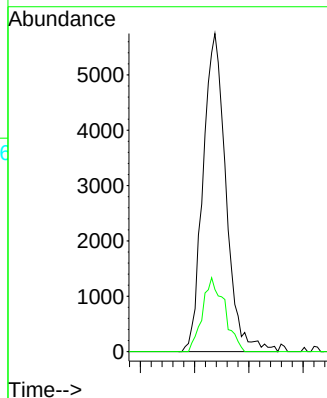
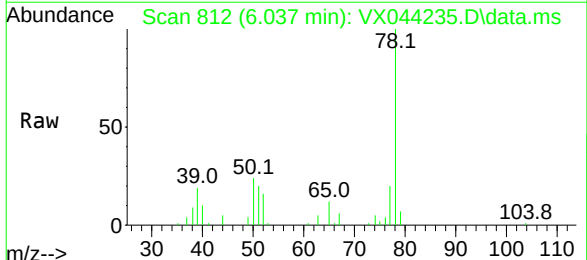
Manual Integrations
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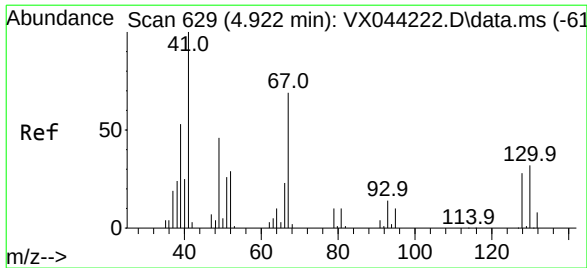
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 2.418 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion:	78	Resp:	16877
Ion	Ratio	Lower	Upper
78	100		
77	19.5	19.3	28.9





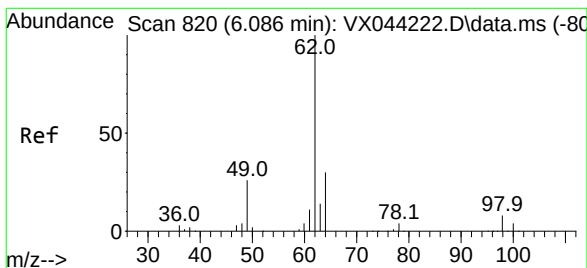
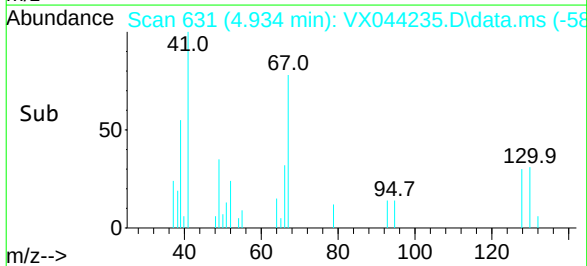
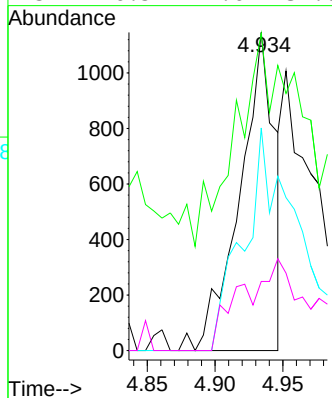
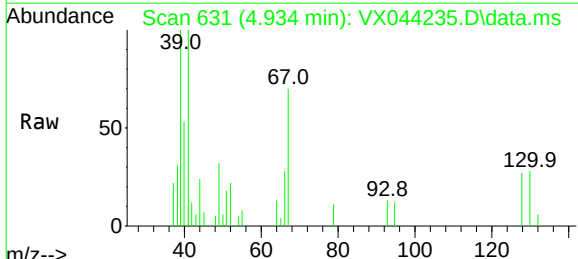
#41
Methacrylonitrile
Concen: 1.364 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.012 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 41	Resp: 2058
Ion Ratio	Lower Upper
41 100	
39 64.1	44.2 66.4
67 112.0	57.2 85.8
52 16.5	24.6 37.0

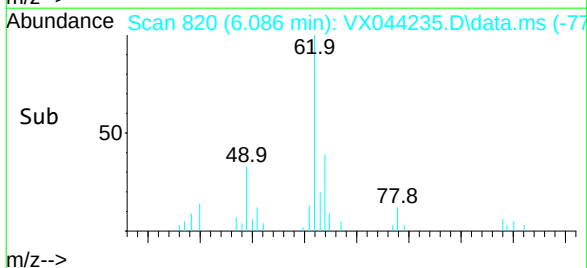
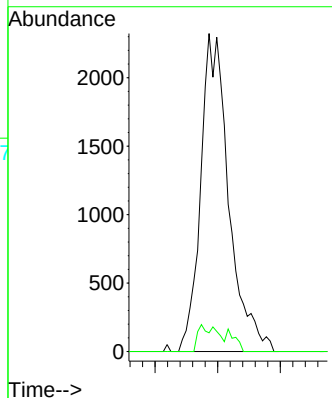
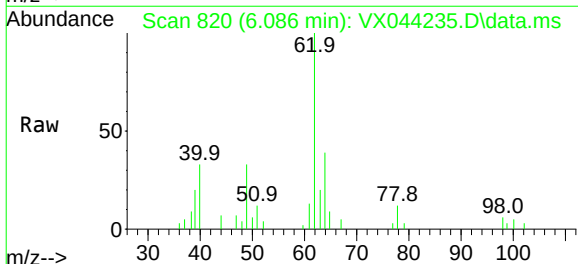
Manual Integrations
APPROVED

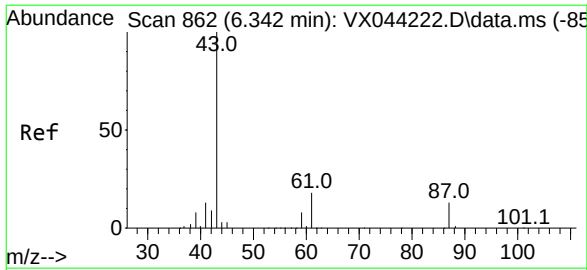
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 2.521 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 62	Resp: 7248
Ion Ratio	Lower Upper
62 100	
98 3.2	0.0 15.8





#43

Isopropyl Acetate

Concen: 2.283 ug/l

RT: 6.355 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

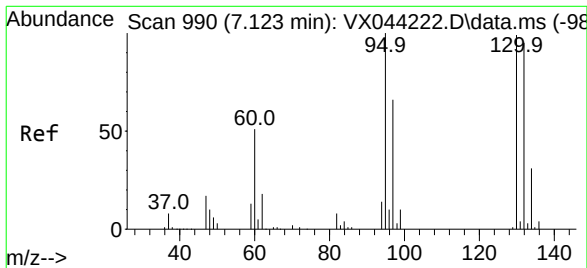
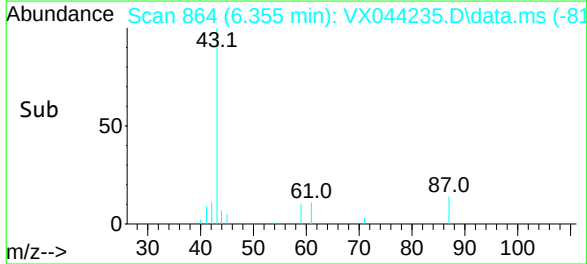
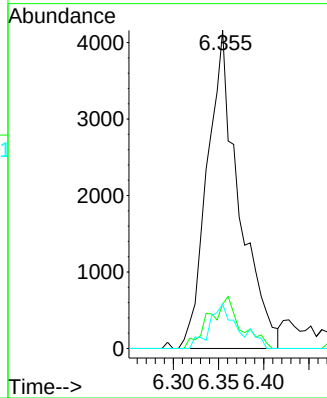
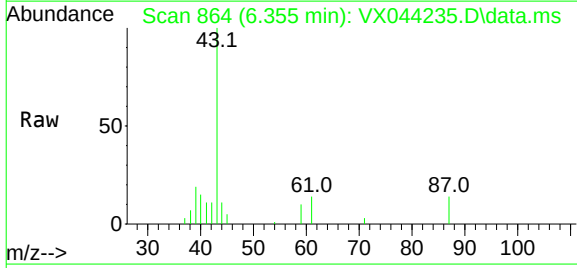
Tgt Ion:	43	Resp:	10141
Ion	Ratio	Lower	Upper
43	100		
61	16.3	14.2	21.2
87	10.8	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 2.332 ug/l

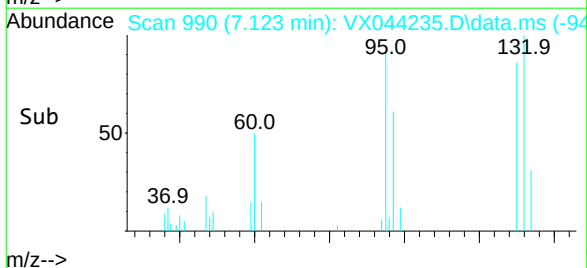
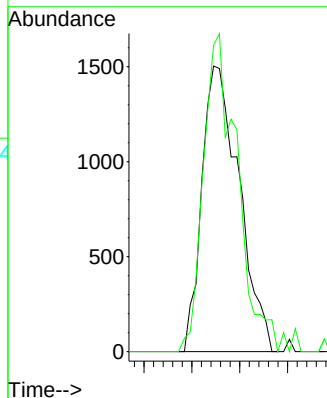
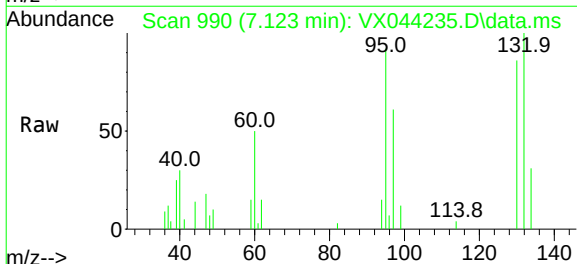
RT: 7.123 min Scan# 990

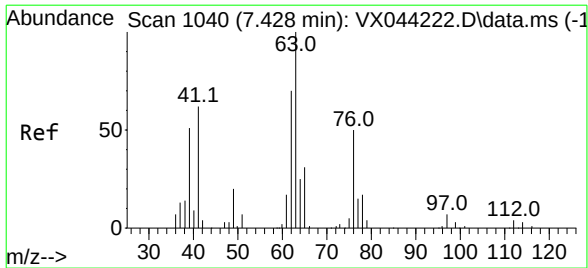
Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

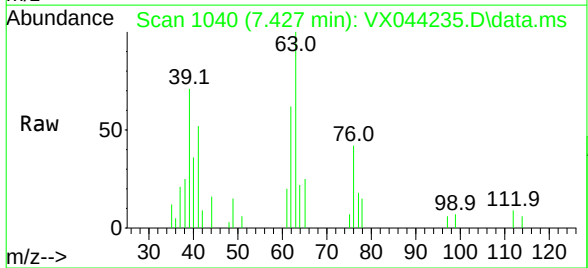
Tgt Ion:	130	Resp:	4060
Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	201.4





#45
 1,2-Dichloropropane
 Concen: 2.442 ug/l
 RT: 7.427 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VX044235.D
 Acq: 11 Dec 2024 18:04

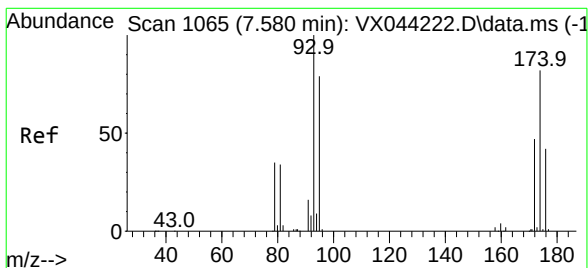
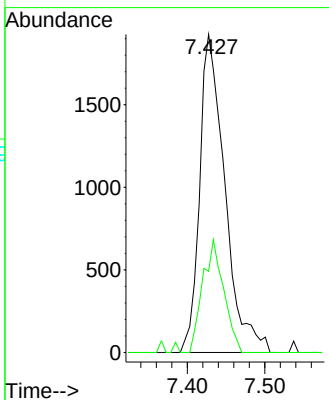
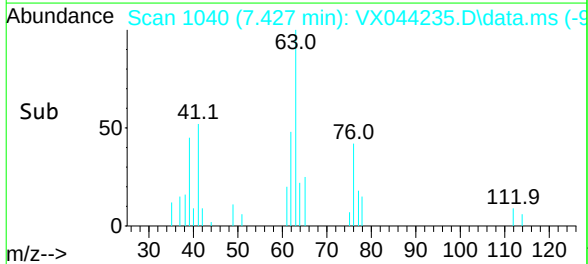
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	63	Resp:	4354
Ion	Ratio	Lower	Upper
63	100		
65	25.5	24.6	37.0

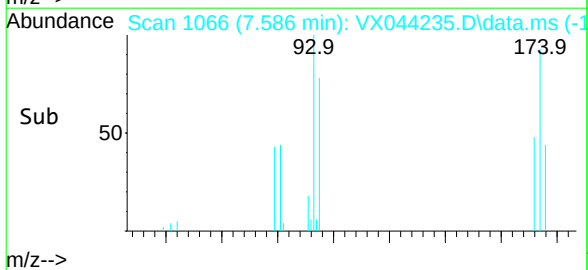
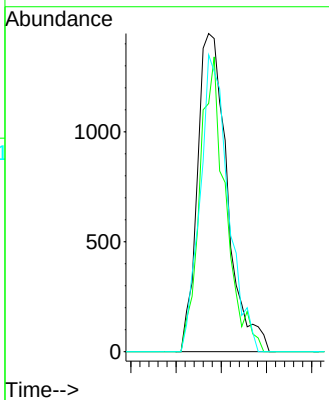
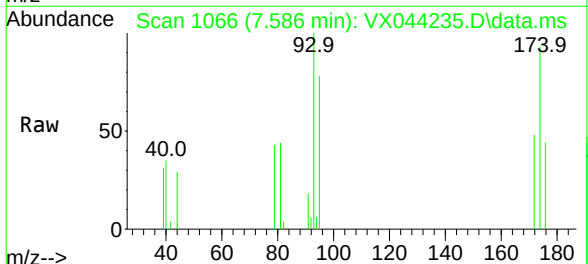
Manual Integrations
APPROVED

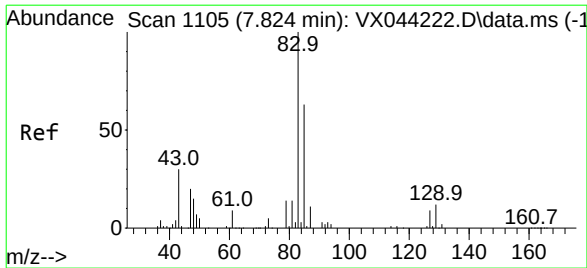
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#46
 Dibromomethane
 Concen: 2.402 ug/l
 RT: 7.586 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VX044235.D
 Acq: 11 Dec 2024 18:04

Tgt Ion:	93	Resp:	3323
Ion	Ratio	Lower	Upper
93	100		
95	79.9	65.4	98.2
174	88.1	67.9	101.9





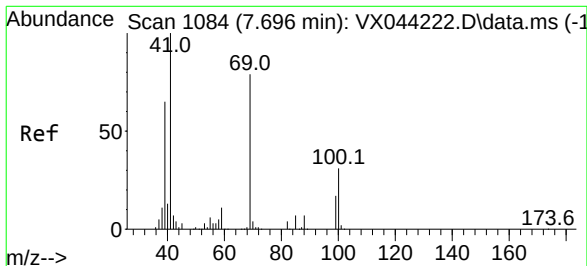
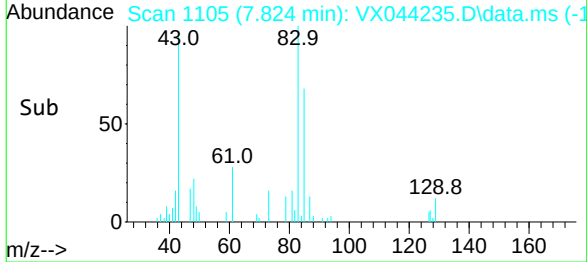
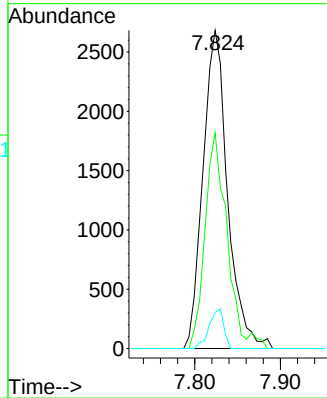
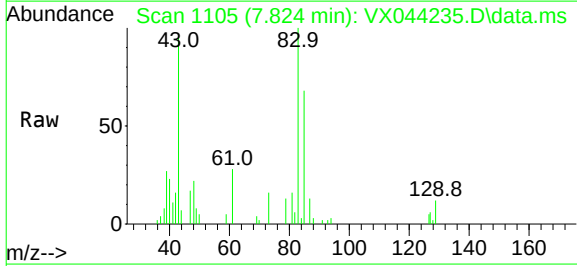
#47
Bromodichloromethane
Concen: 2.241 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 83	Resp: 5354
Ion Ratio	Lower Upper
83 100	
85 67.8	50.6 75.8
127 11.4	7.3 10.9

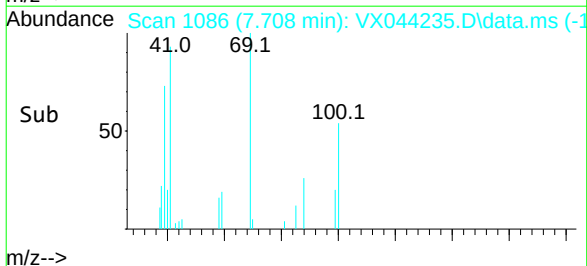
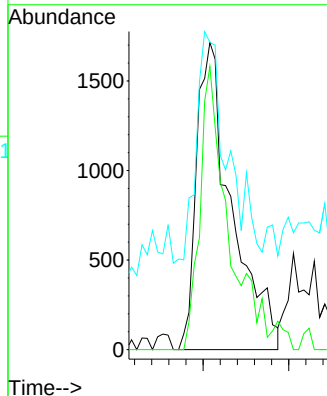
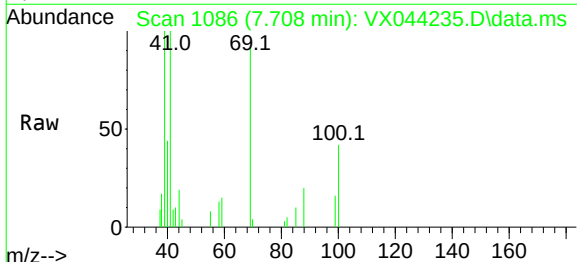
Manual Integrations
APPROVED

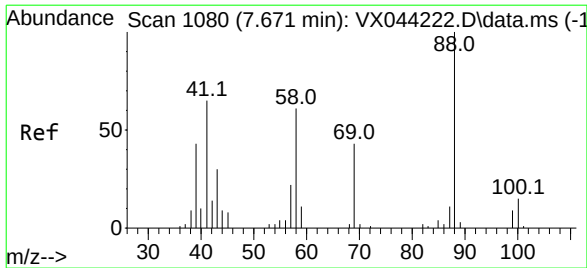
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 2.258 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 41	Resp: 4868
Ion Ratio	Lower Upper
41 100	
69 74.3	62.4 93.6
39 58.0	53.3 79.9





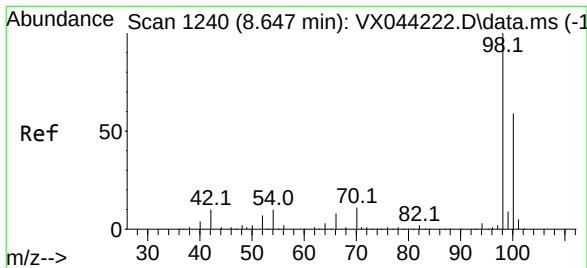
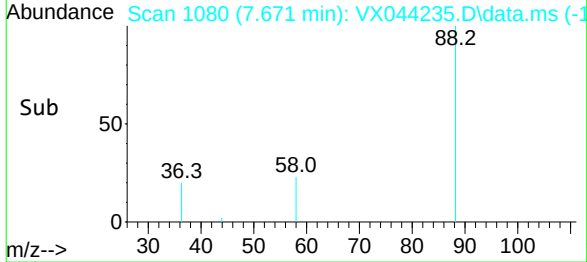
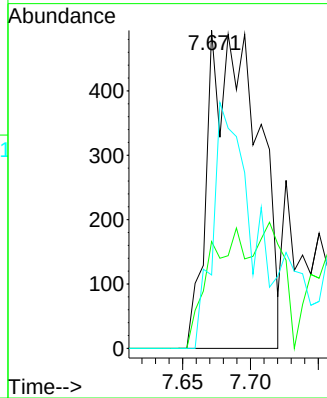
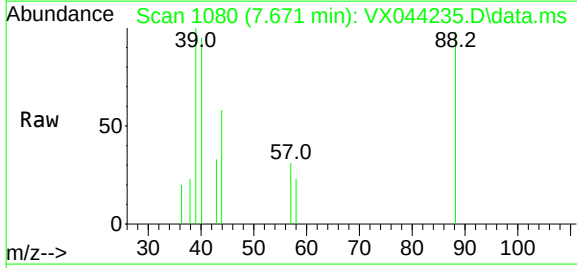
#49
1,4-Dioxane
Concen: 35.638 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 88 Resp: 1274
Ion Ratio Lower Upper
88 100
43 26.5 27.1 40.7#
58 60.4 41.0 61.4

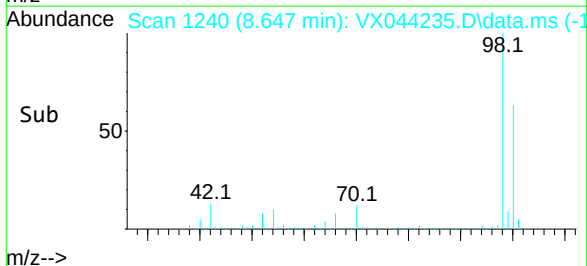
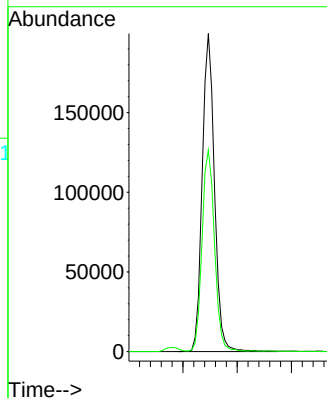
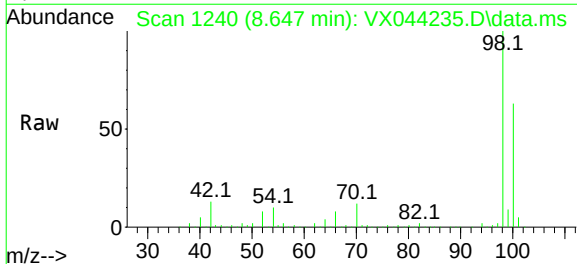
Manual Integrations
APPROVED

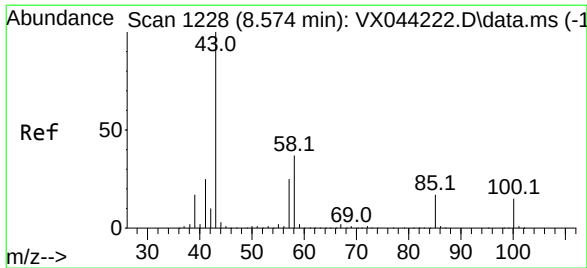
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 52.173 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 98 Resp: 313049
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 10.991 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 31389

Ion Ratio Lower Upper

43 100

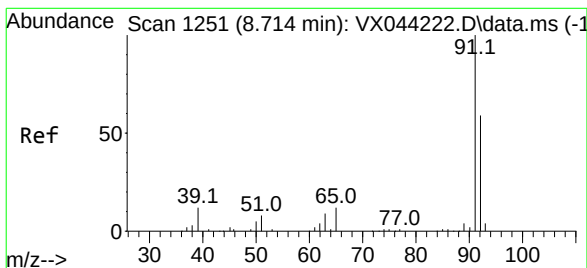
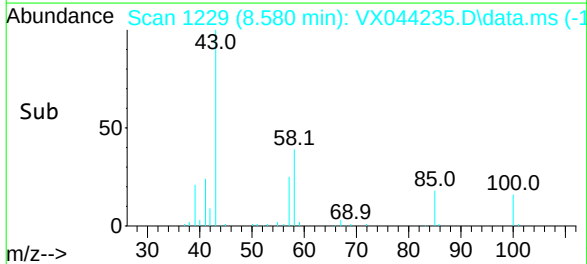
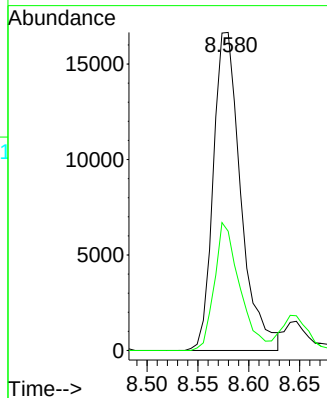
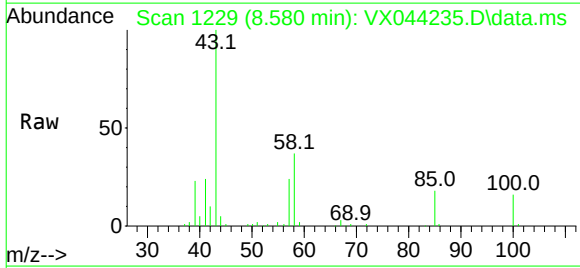
58 36.7 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#52

Toluene

Concen: 2.368 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044235.D

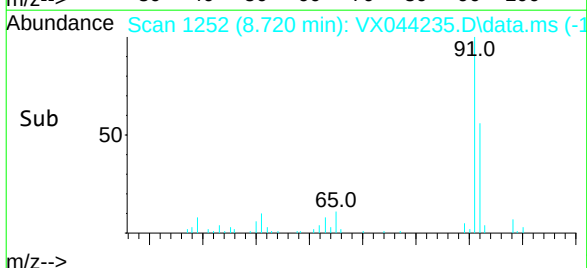
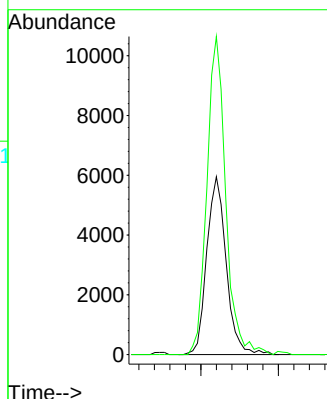
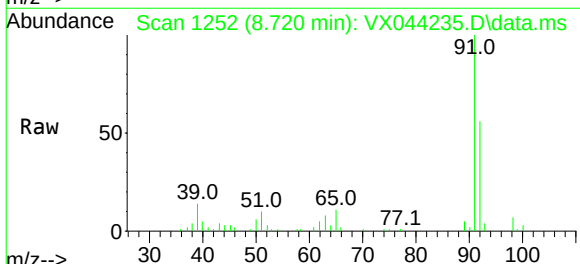
Acq: 11 Dec 2024 18:04

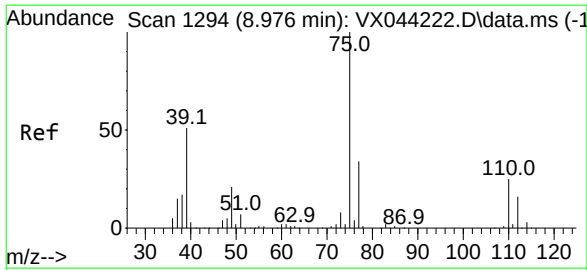
Tgt Ion: 92 Resp: 10379

Ion Ratio Lower Upper

92 100

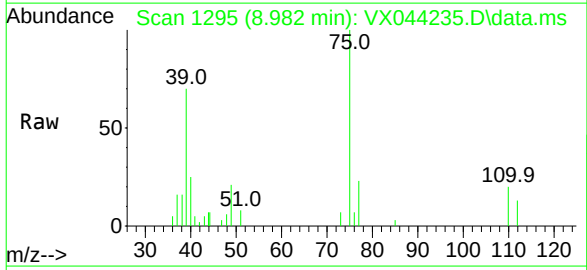
91 173.0 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 2.045 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

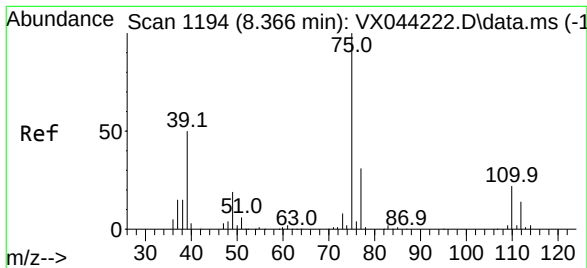
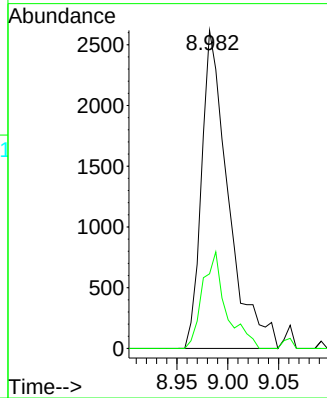
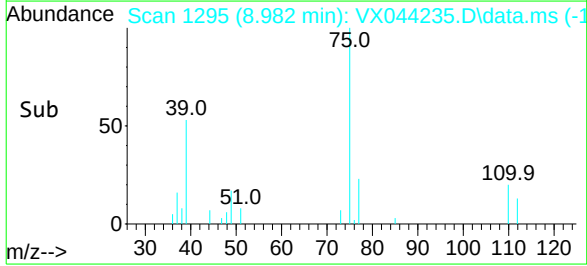
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 4784
Ion Ratio Lower Upper
75 100
77 23.5 27.2 40.8#

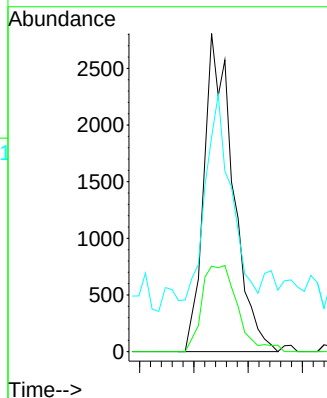
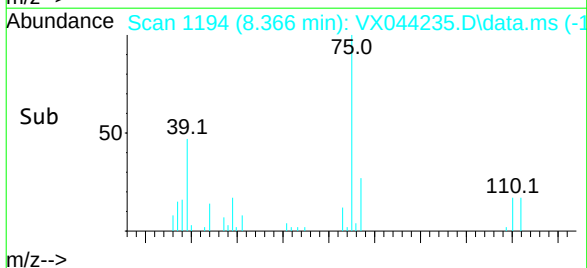
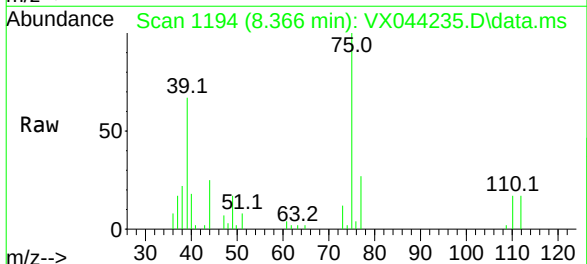
Manual Integrations
APPROVED

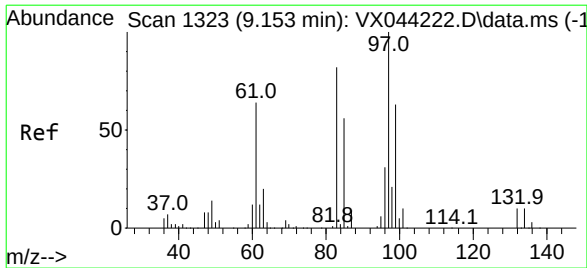
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 2.010 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

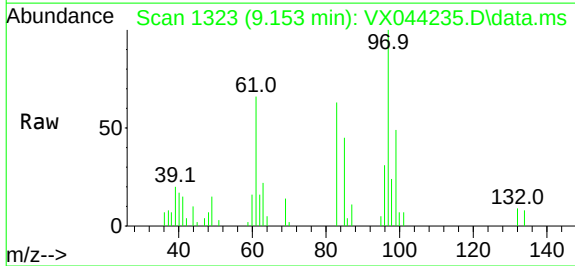
Tgt Ion: 75 Resp: 5230
Ion Ratio Lower Upper
75 100
77 26.9 24.7 37.1
39 51.4 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 2.527 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

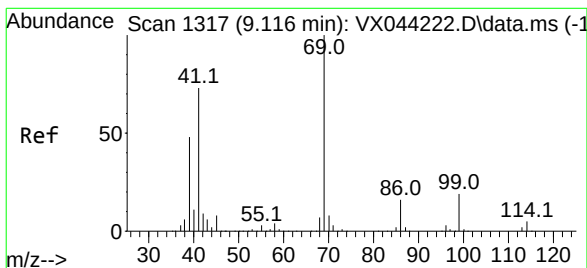
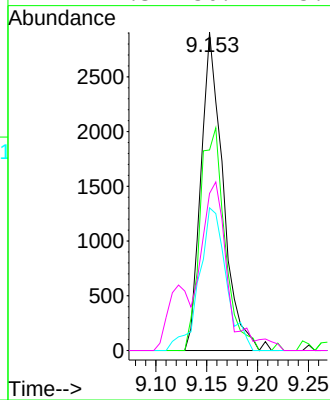
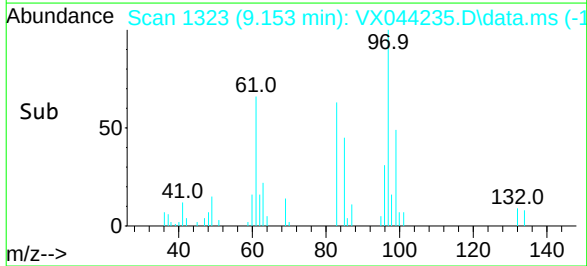
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	63.0	65.3	97.9#
85	44.8	44.6	67.0#
99	47.3	50.2	75.2#

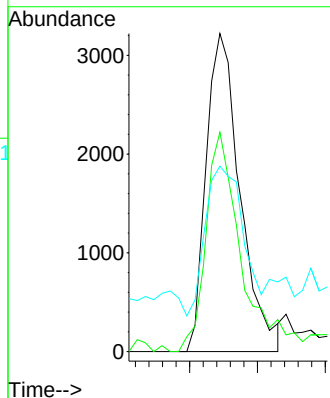
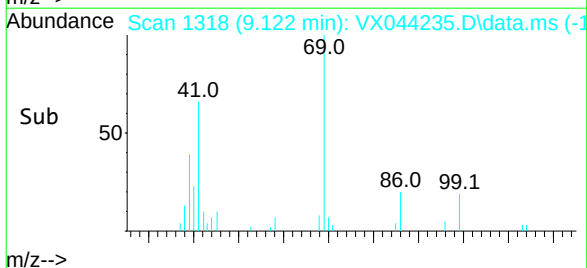
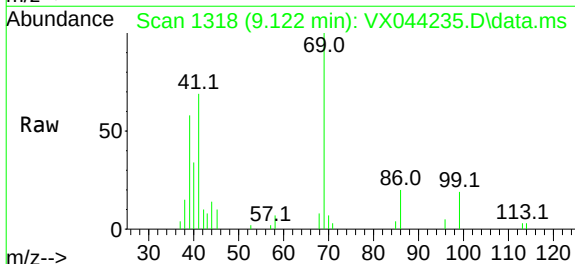
Manual Integrations
APPROVED

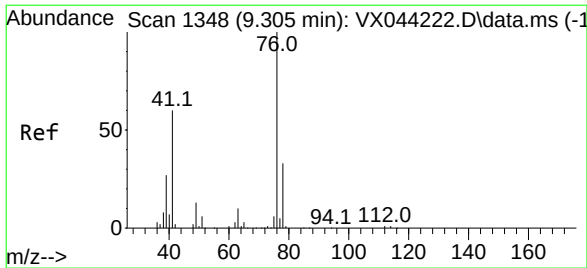
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#56
Ethyl methacrylate
Concen: 2.041 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

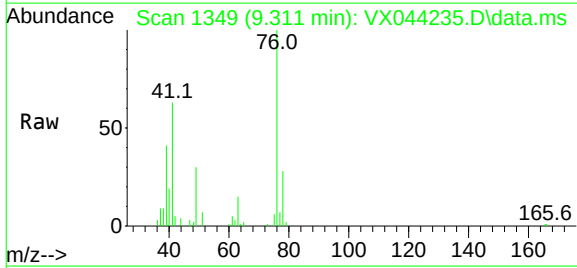
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.6	85.0
39	52.1	37.4	56.0





#57
1,3-Dichloropropane
Concen: 2.352 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

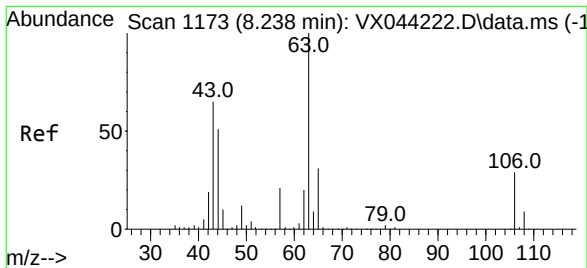
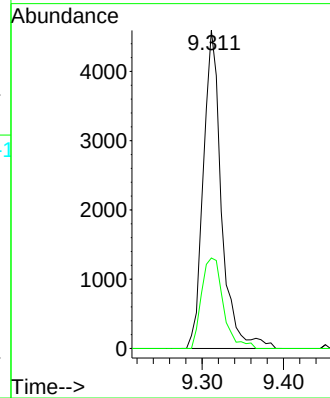
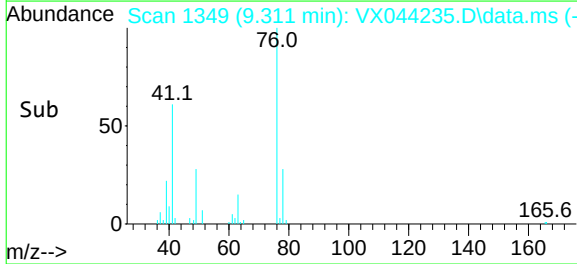
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 7130
Ion Ratio Lower Upper
76 100
78 33.9 26.5 39.7

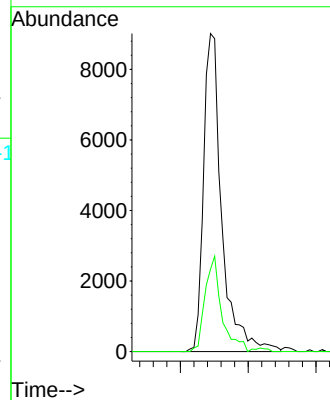
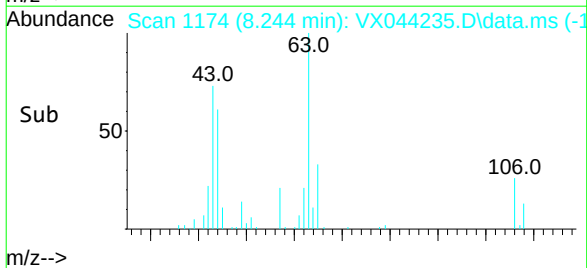
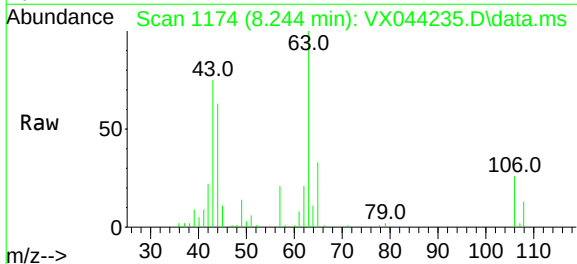
Manual Integrations
APPROVED

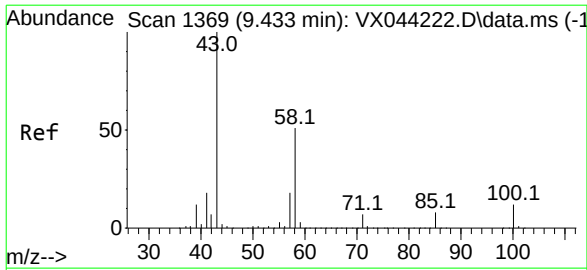
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 12.140 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 63 Resp: 16832
Ion Ratio Lower Upper
63 100
106 27.4 22.8 34.2





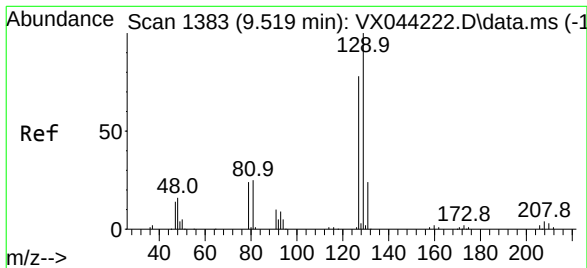
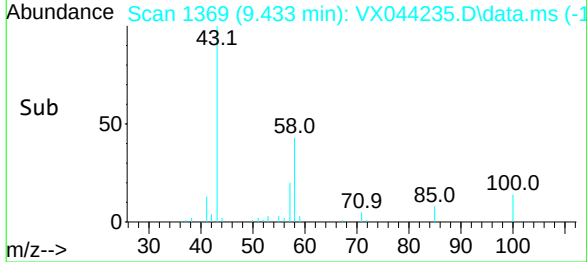
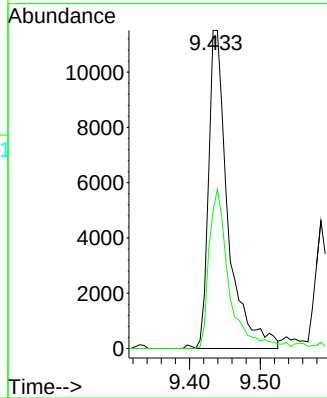
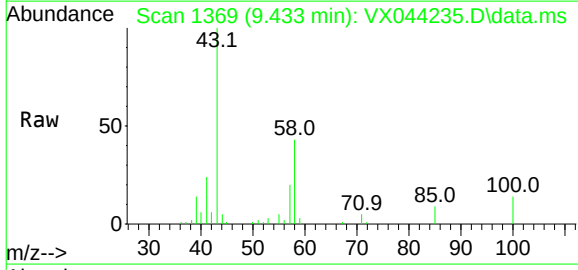
#59
2-Hexanone
Concen: 10.614 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 43 Resp: 21942
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0

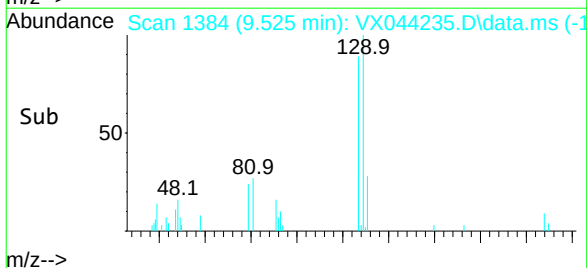
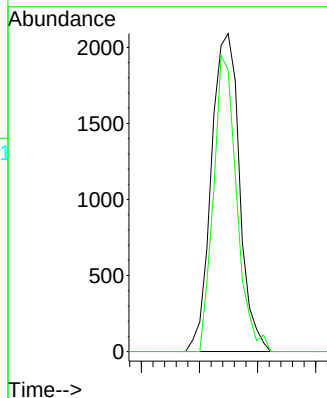
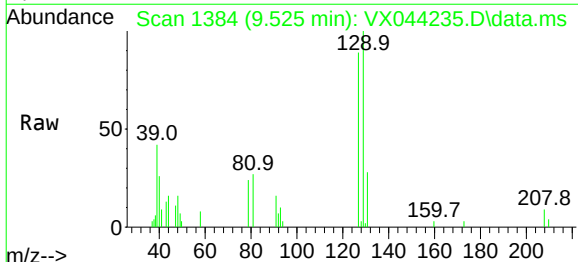
Manual Integrations
APPROVED

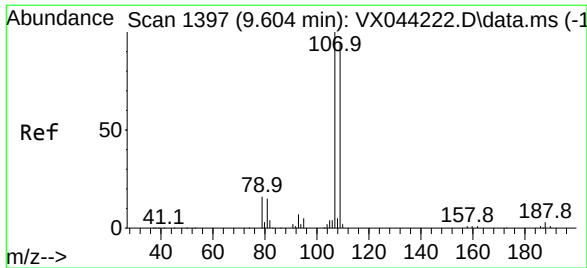
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 2.103 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

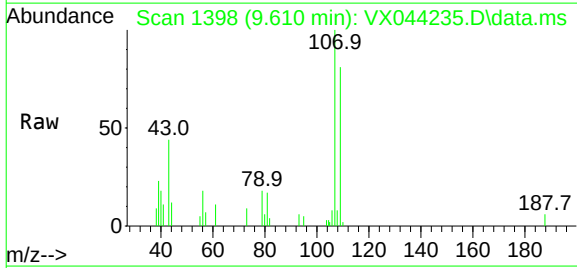
Tgt Ion:129 Resp: 3517
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 2.347 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

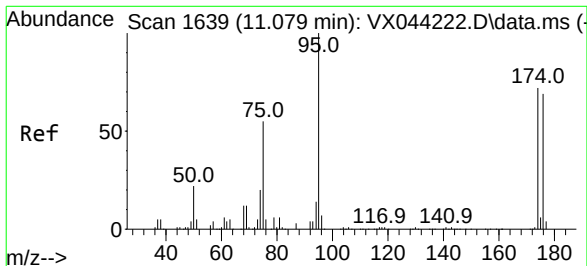
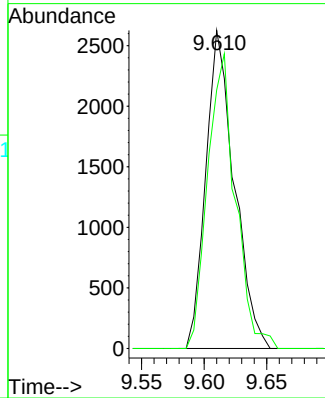
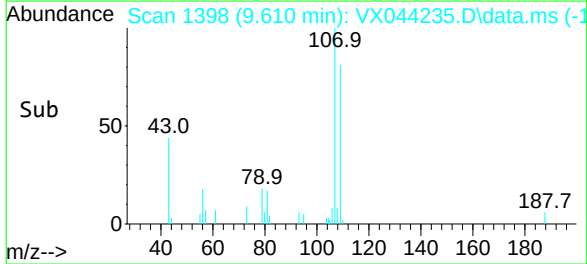
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



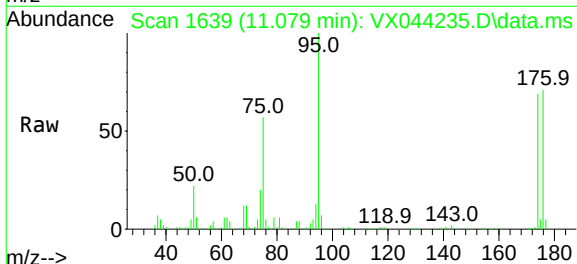
Tgt Ion: 107 Resp: 4160
Ion Ratio Lower Upper
107 100
109 90.5 77.0 115.4

Manual Integrations
APPROVED

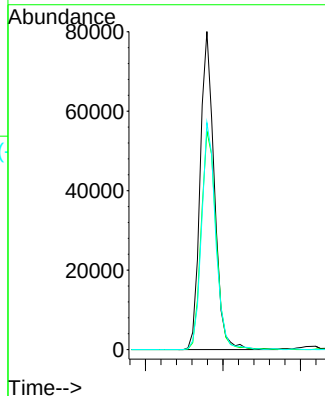
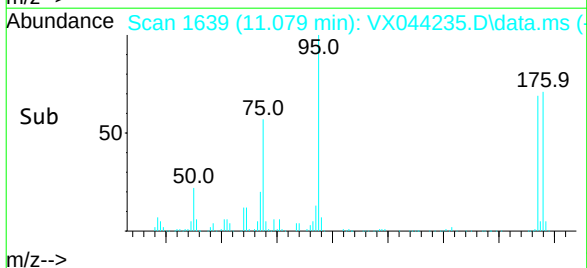
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

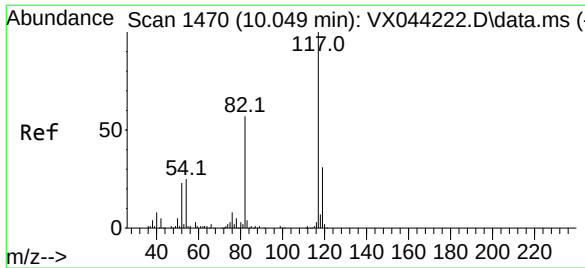


#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04



Tgt Ion: 95 Resp: 101321
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.8
176 71.5 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: VX044235.D

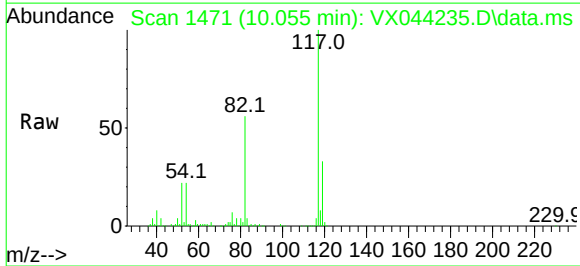
Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



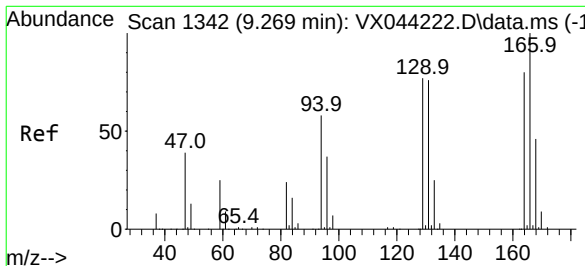
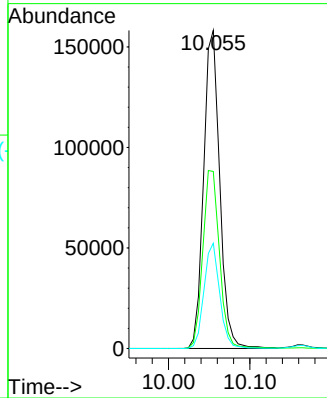
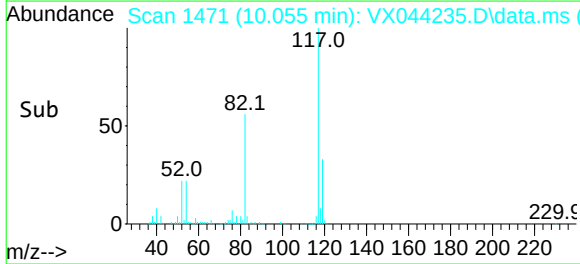
Tgt Ion:	117	Resp:	217441
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.8	68.8
119	33.1	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 2.510 ug/l

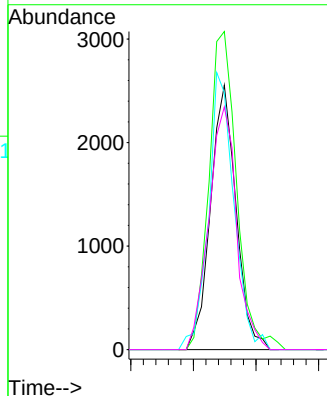
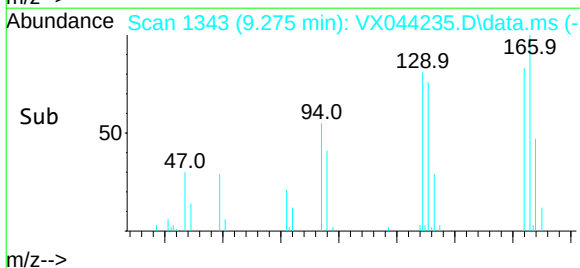
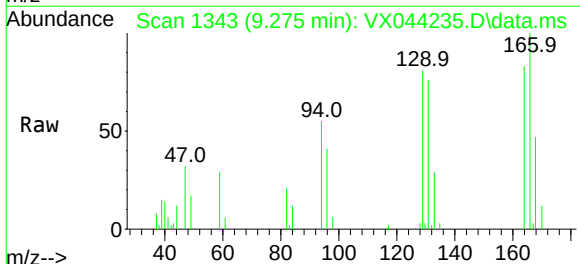
RT: 9.275 min Scan# 1343

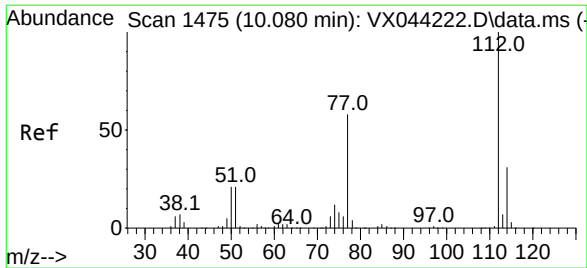
Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion:	164	Resp:	3623
Ion	Ratio	Lower	Upper
164	100		
166	120.3	100.4	150.6
129	97.3	77.2	115.8
131	91.8	76.2	114.2





#65

Chlorobenzene

Concen: 2.342 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:112 Resp: 10912

Ion Ratio Lower Upper

112 100

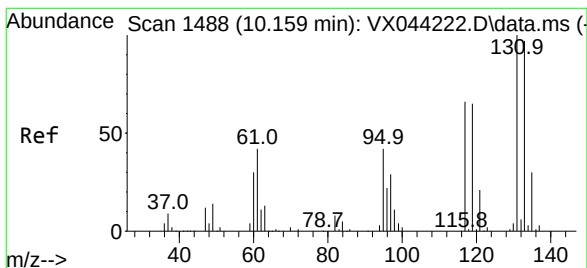
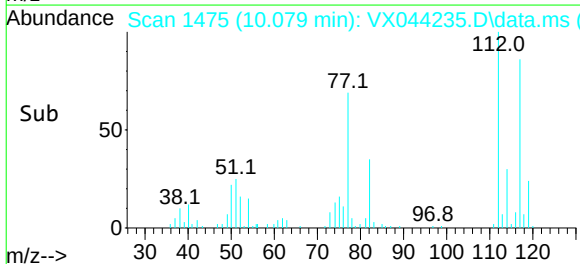
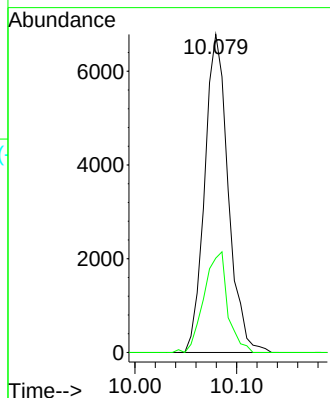
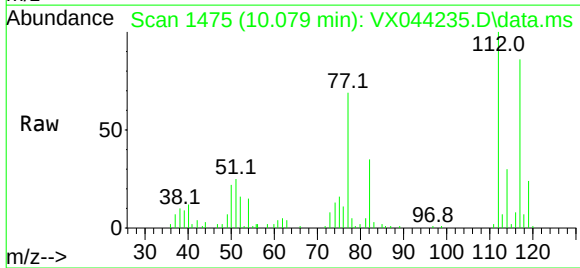
114 29.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 2.077 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

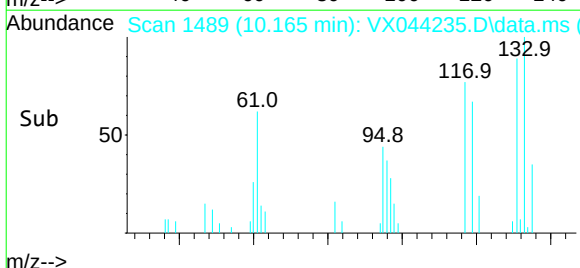
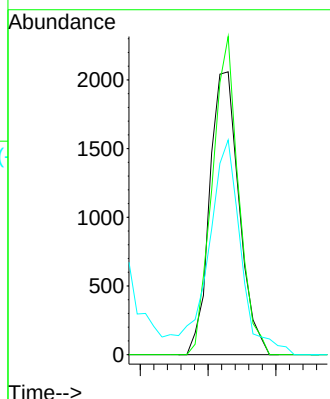
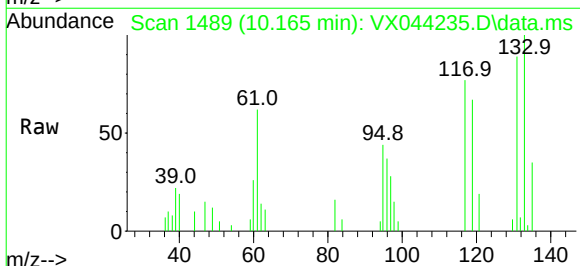
Tgt Ion:131 Resp: 3110

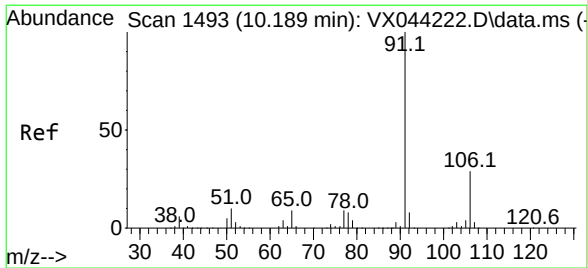
Ion Ratio Lower Upper

131 100

133 100.7 47.3 141.8

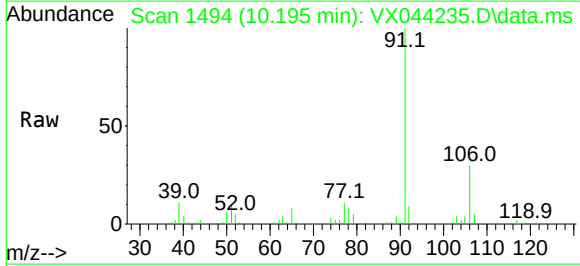
119 81.7 31.6 95.0





#67
Ethyl Benzene
Concen: 2.286 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

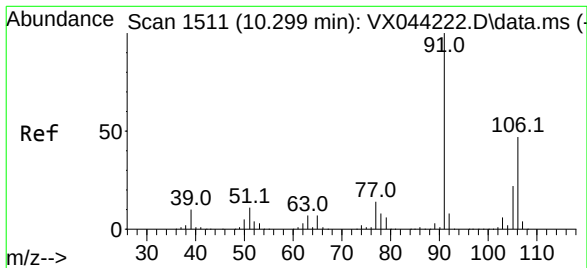
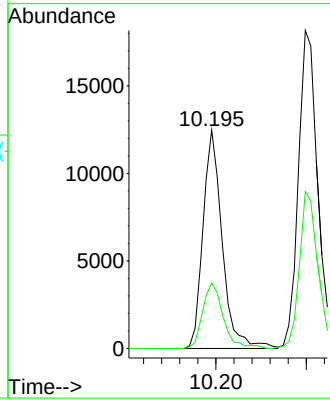
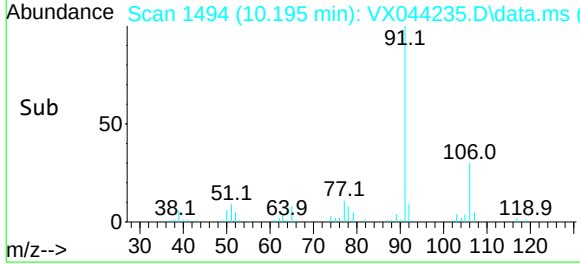
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 91 Resp: 18406
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3

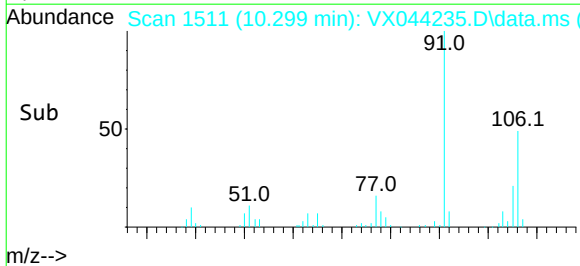
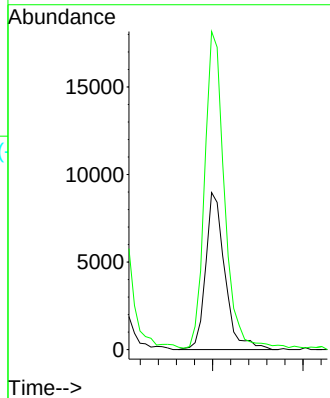
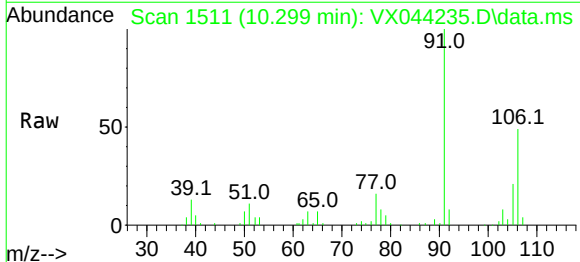
Manual Integrations
APPROVED

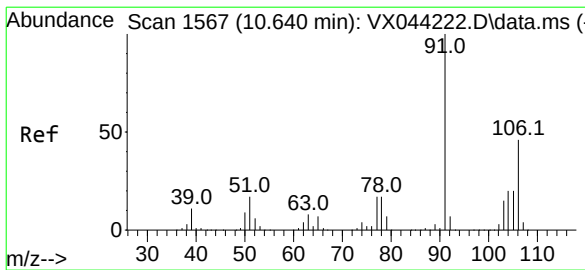
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#68
m/p-Xylenes
Concen: 4.482 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion:106 Resp: 13240
Ion Ratio Lower Upper
106 100
91 207.9 170.2 255.2





#69

o-Xylene

Concen: 2.257 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 6746

Ion Ratio Lower Upper

106 100

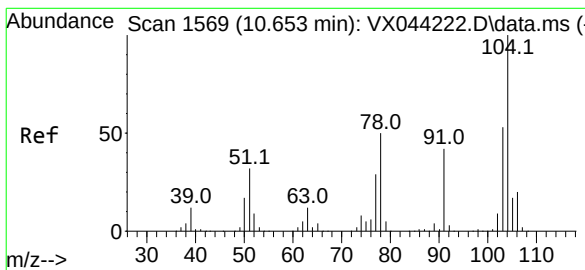
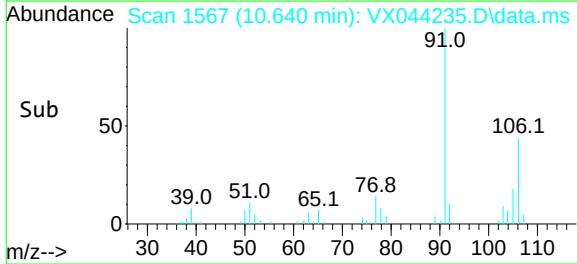
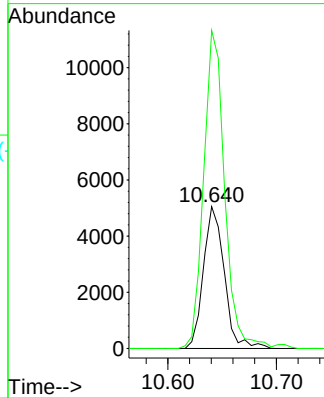
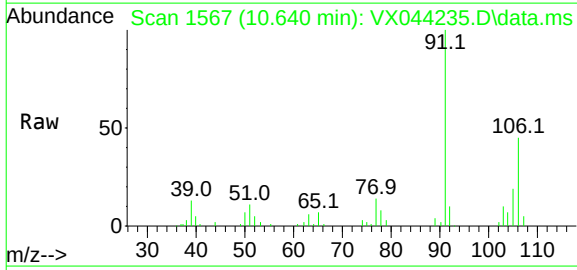
91 227.0 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 2.148 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

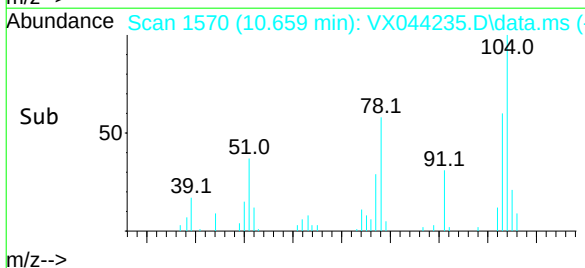
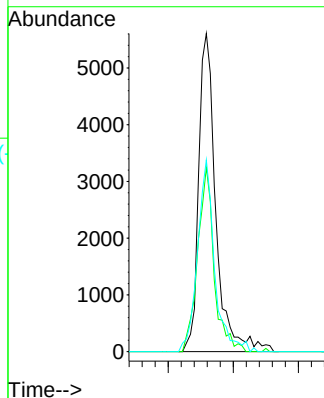
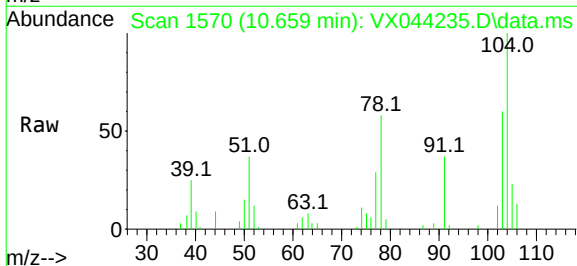
Tgt Ion:104 Resp: 10291

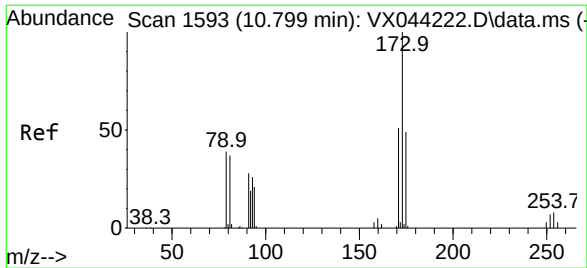
Ion Ratio Lower Upper

104 100

78 55.3 44.6 67.0

103 60.1 45.4 68.0





#71

Bromoform

Concen: 1.983 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

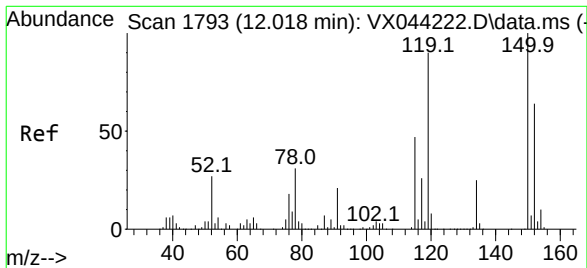
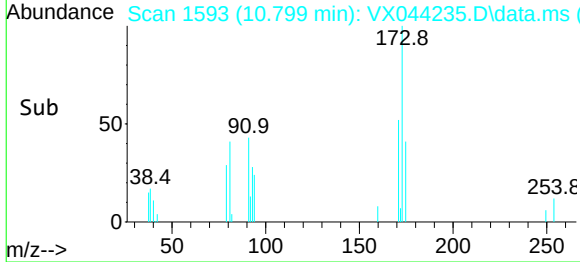
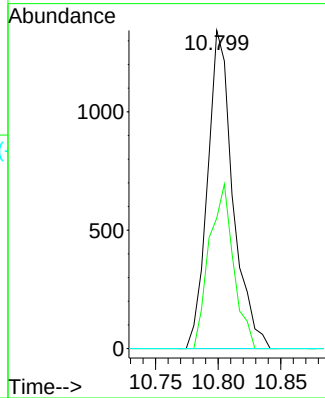
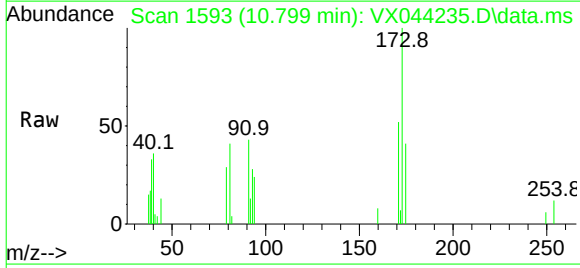
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.8	71.4
254	0.0	0.0	0.0

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

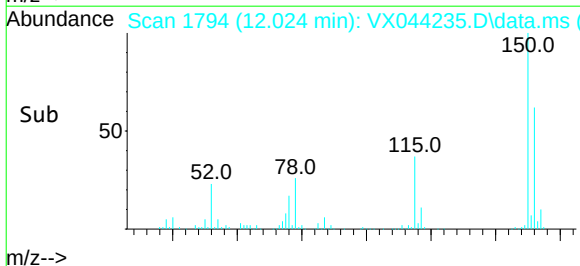
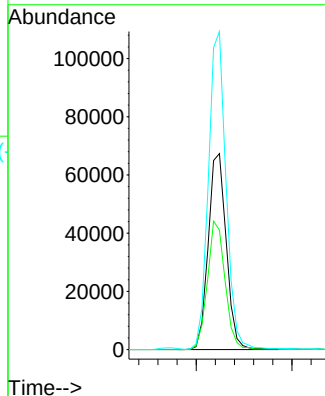
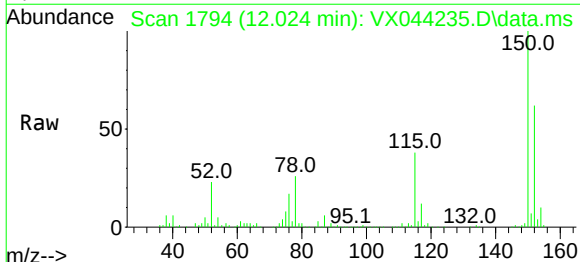
RT: 12.024 min Scan# 1794

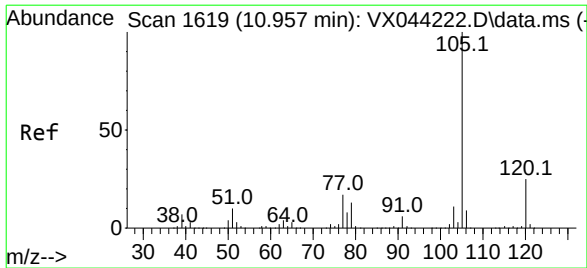
Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	44.5	133.3
150	158.1	0.0	353.8





#73

Isopropylbenzene

Concen: 2.538 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

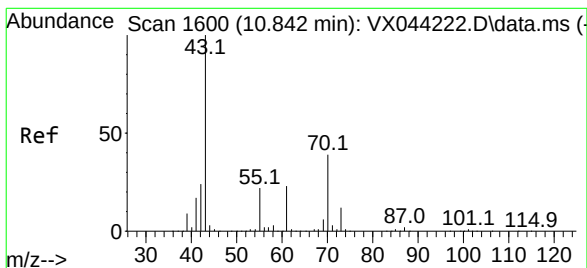
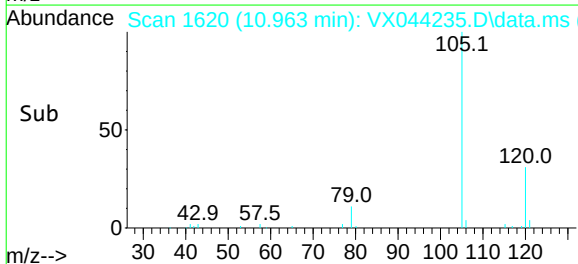
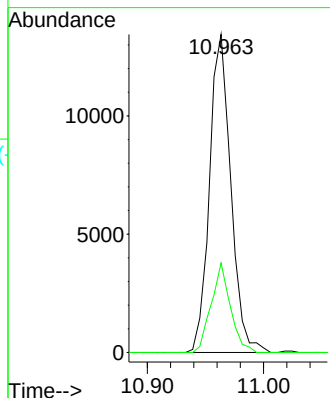
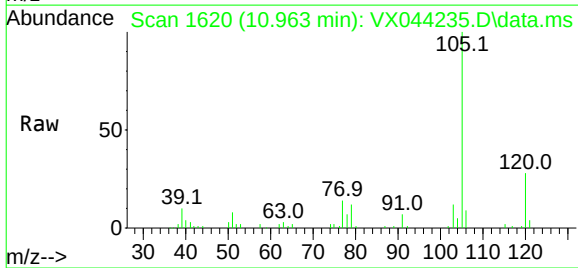
Tgt Ion: 105 Resp: 17139
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 2.011 ug/l

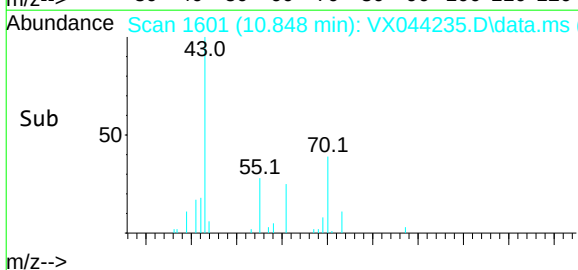
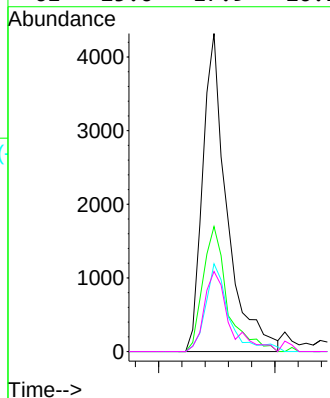
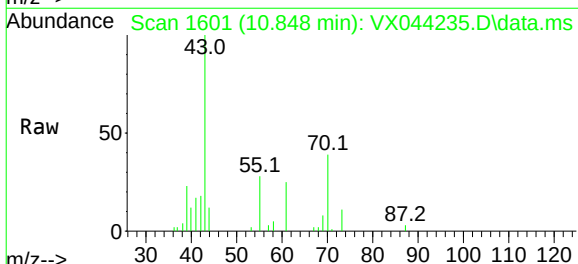
RT: 10.848 min Scan# 1601

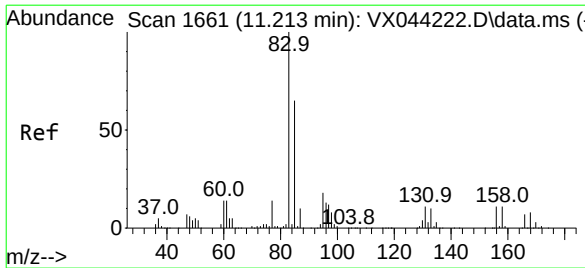
Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion: 43 Resp: 6276
 Ion Ratio Lower Upper
 43 100
 70 39.4 31.9 47.9
 55 26.4 17.9 26.9
 61 25.6 17.9 26.9





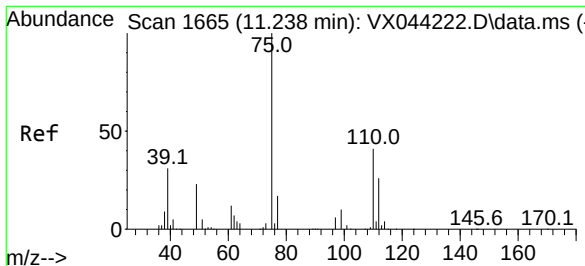
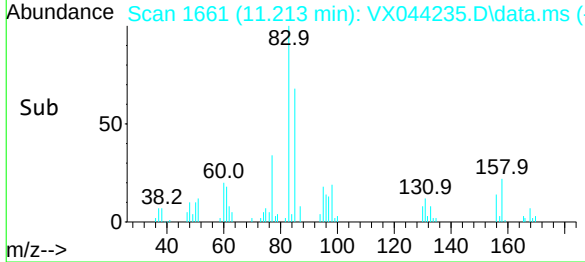
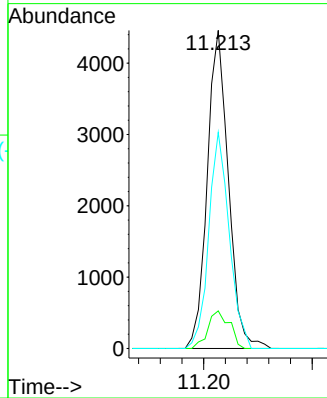
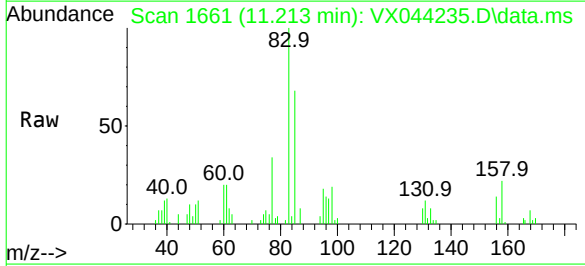
#75
1,1,2,2-Tetrachloroethane
Concen: 2.574 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion: 83	Resp: 6036
Ion Ratio	Lower Upper
83 100	
131 12.0	5.1 15.4
85 65.9	32.5 97.4

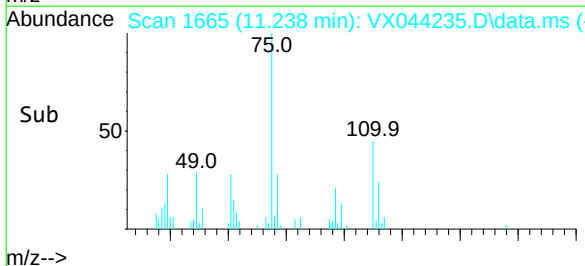
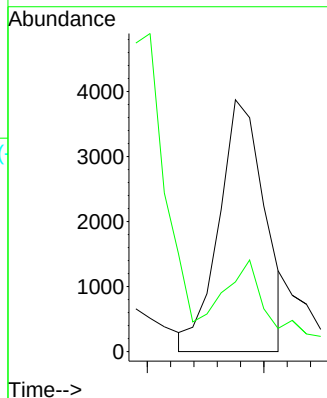
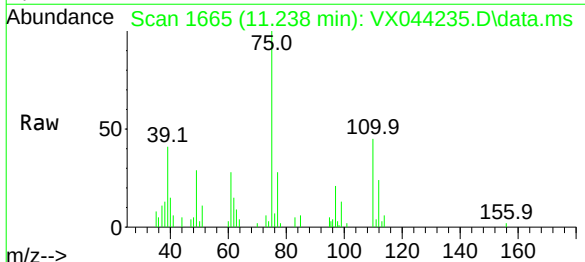
Manual Integrations
APPROVED

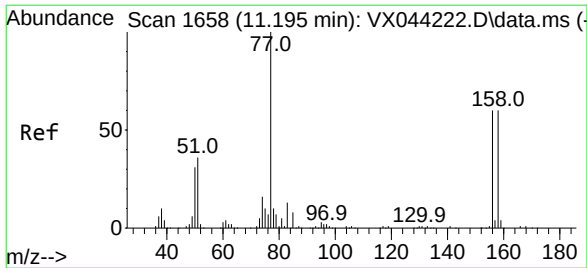
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 2.675 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

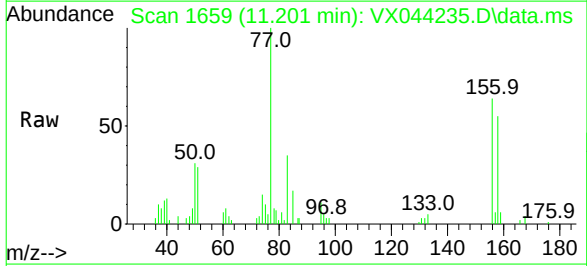
Tgt Ion: 75	Resp: 5267
Ion Ratio	Lower Upper
75 100	
77 38.6	20.9 62.7





#77
Bromobenzene
Concen: 2.596 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

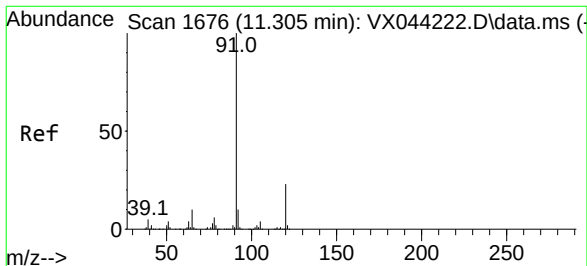
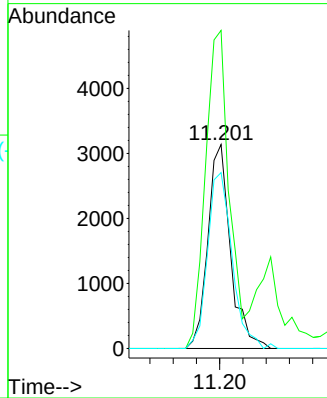
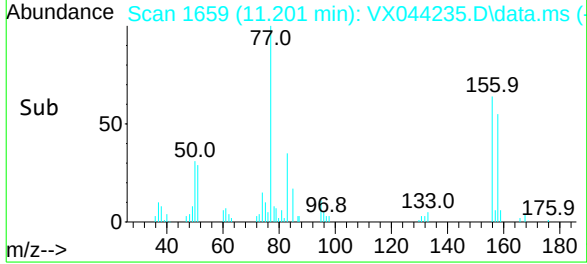
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 156 Resp: 4251
Ion Ratio Lower Upper
156 100
77 166.5 82.6 247.8
158 93.8 48.8 146.4

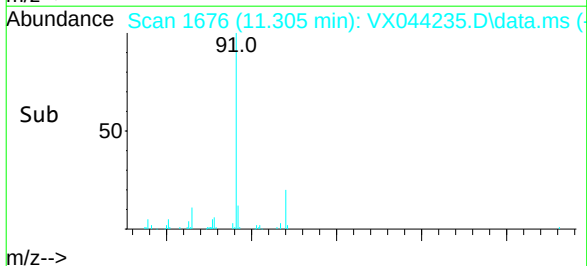
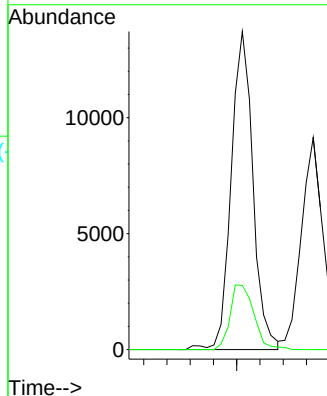
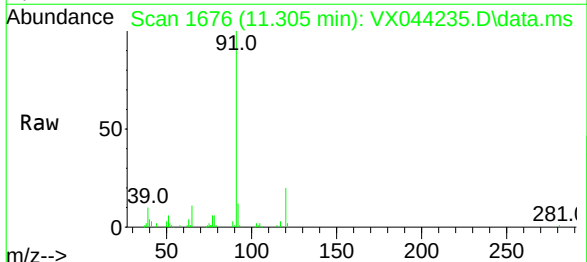
Manual Integrations
APPROVED

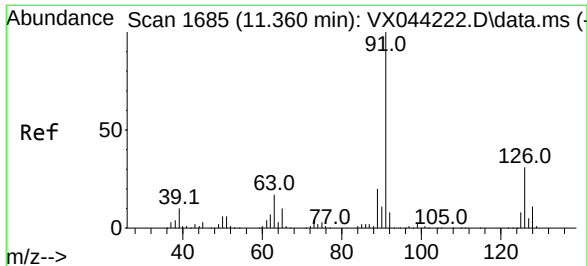
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 2.387 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion: 91 Resp: 17813
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 2.521 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 12166

Ion Ratio Lower Upper

91 100

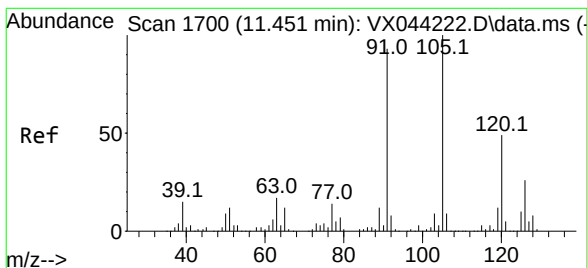
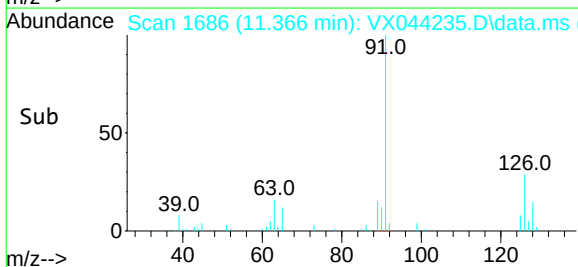
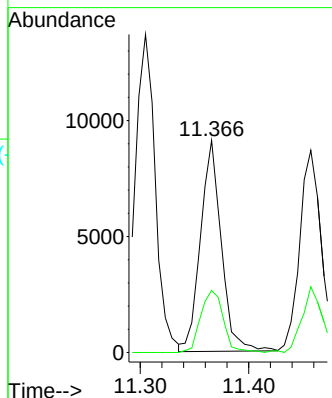
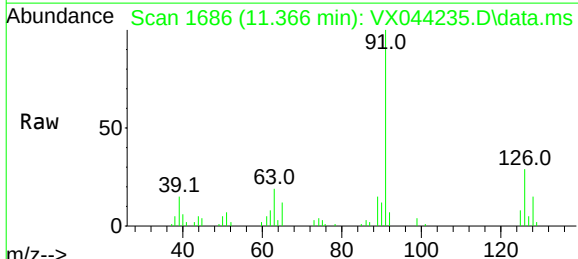
126 31.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 2.402 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044235.D

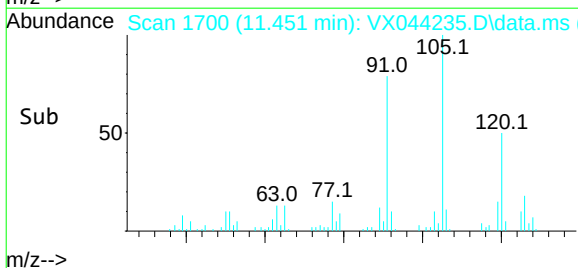
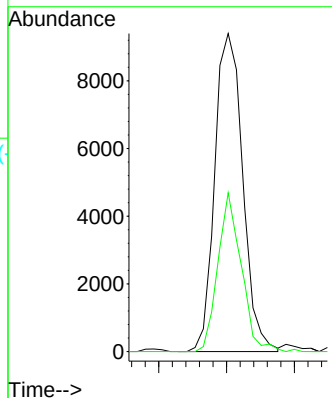
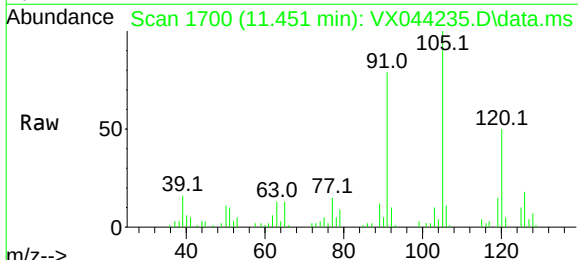
Acq: 11 Dec 2024 18:04

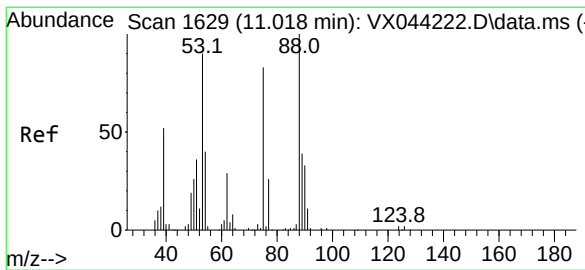
Tgt Ion:105 Resp: 13452

Ion Ratio Lower Upper

105 100

120 41.9 23.8 71.4





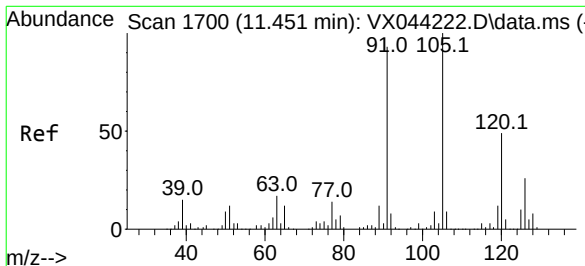
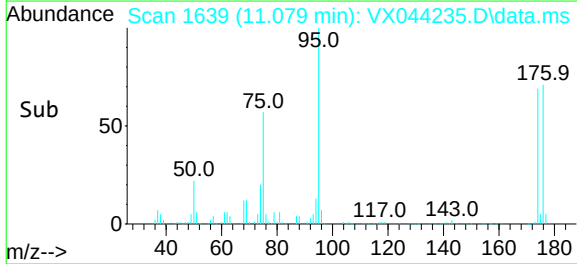
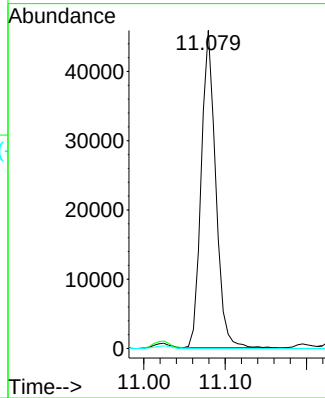
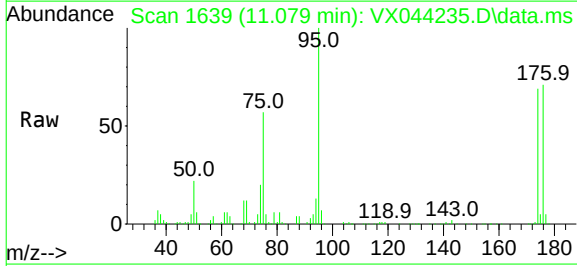
#81
trans-1,4-Dichloro-2-butene
Concen: 92.527 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	93.6	140.4
89	0.0	37.3	55.9

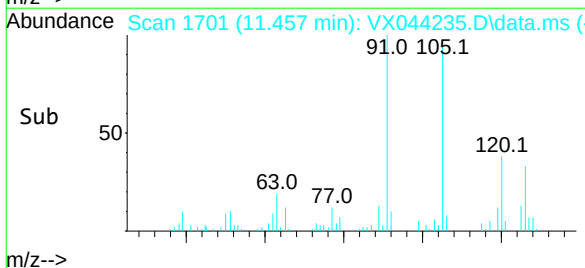
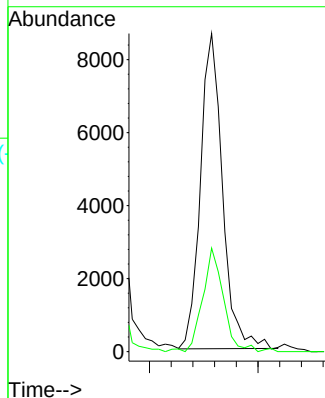
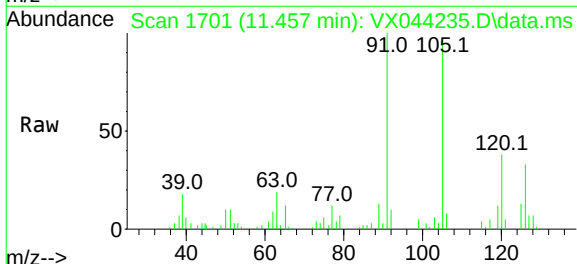
Manual Integrations
APPROVED

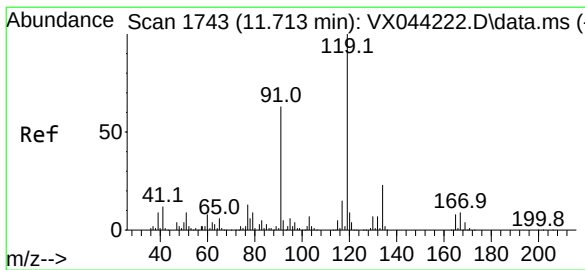
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 2.290 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	14.5	43.5





#83

tert-Butylbenzene

Concen: 2.411 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

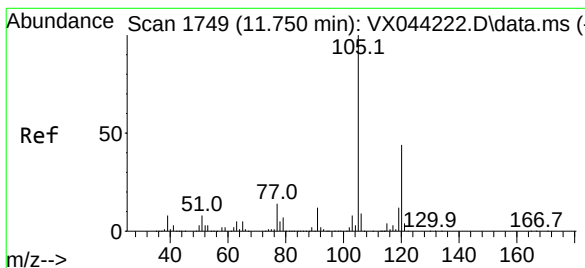
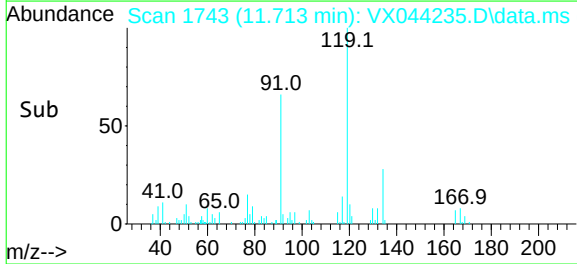
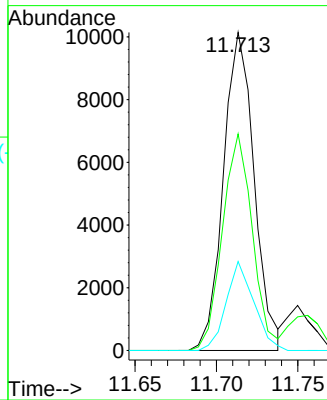
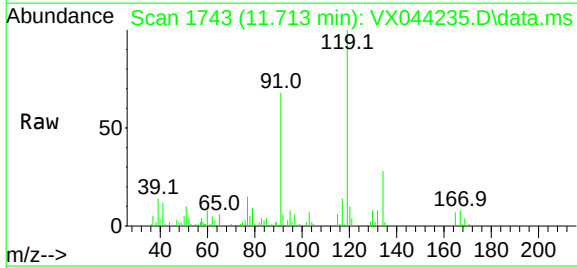
Tgt Ion:	119	Resp:	13340
Ion Ratio	Lower	Upper	
119	100		
91	66.4	30.9	92.5
134	25.2	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.344 ug/l

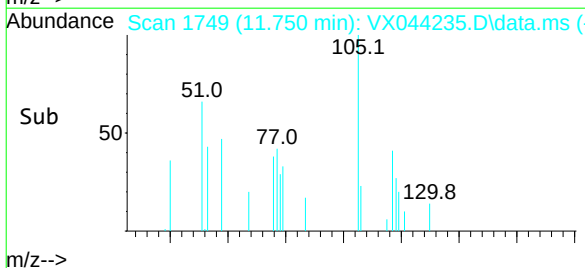
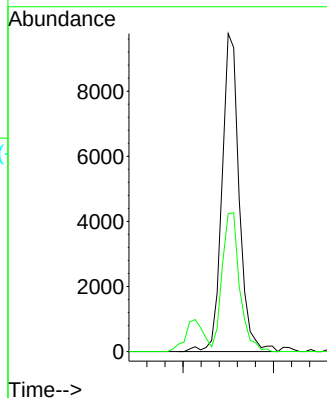
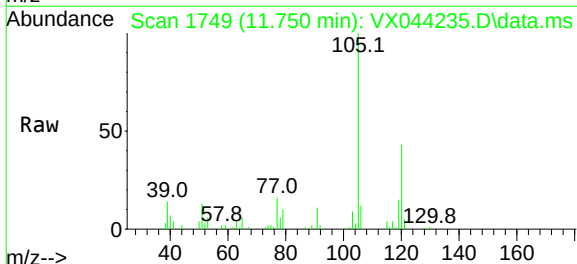
RT: 11.750 min Scan# 1749

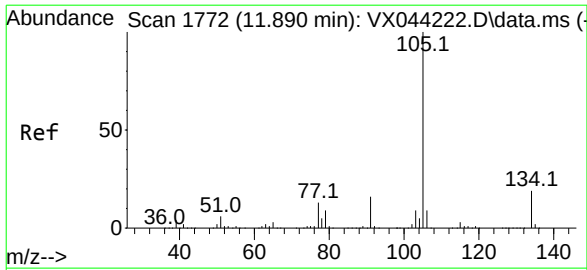
Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion:	105	Resp:	12889
Ion Ratio	Lower	Upper	
105	100		
120	44.5	21.7	65.1





#85

sec-Butylbenzene

Concen: 2.155 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

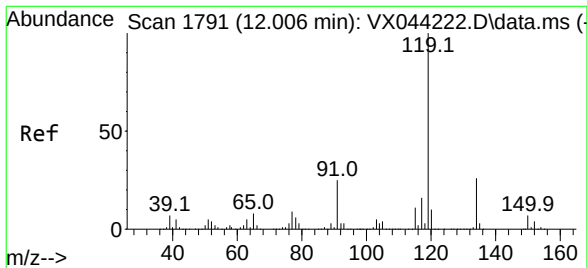
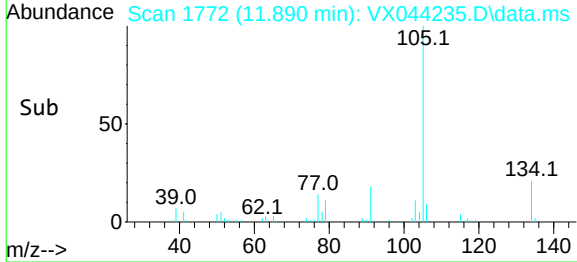
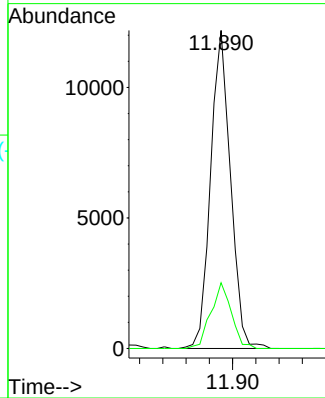
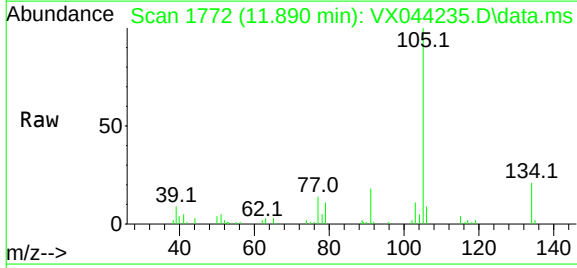
Tgt Ion:105 Resp: 14476
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 2.211 ug/l

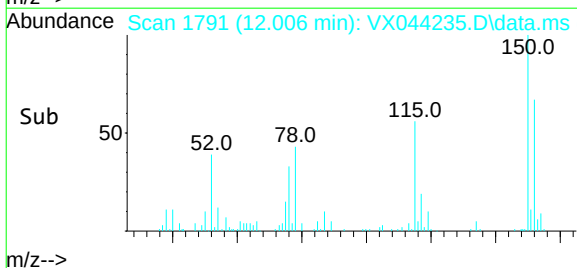
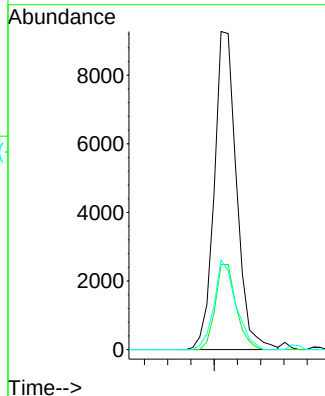
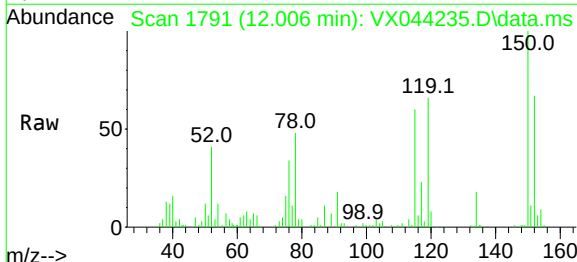
RT: 12.006 min Scan# 1791

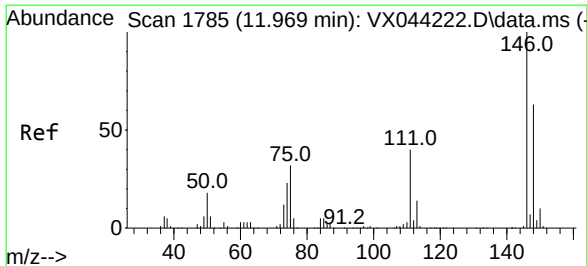
Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion:119 Resp: 12364
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 27.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 2.513 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044235.D

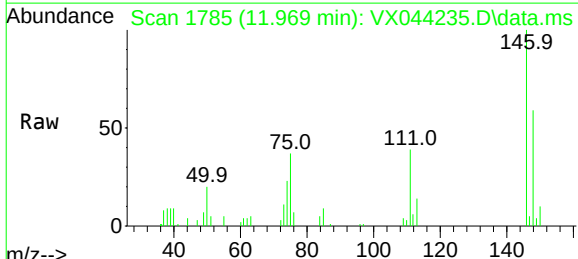
Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



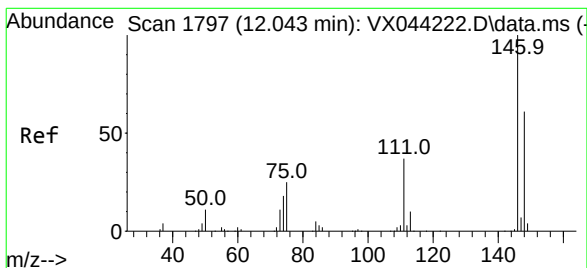
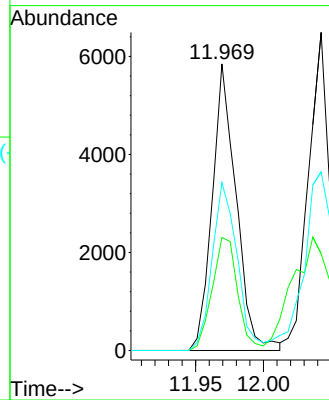
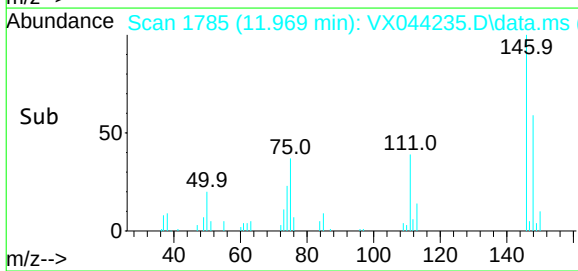
Tgt Ion:	146	Resp:	7188
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.2
148	60.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

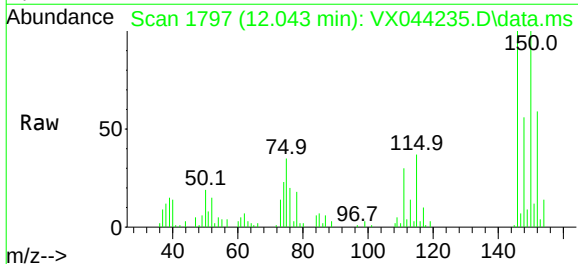
Concen: 2.524 ug/l

RT: 12.043 min Scan# 1797

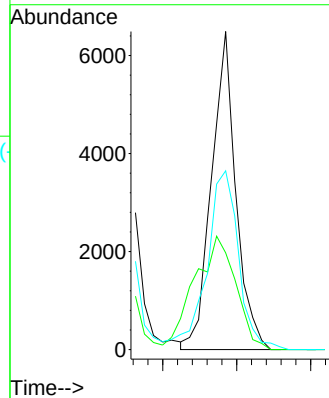
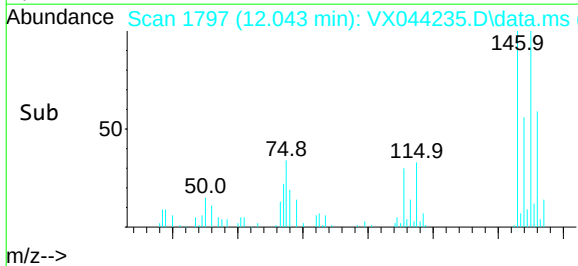
Delta R.T. -0.000 min

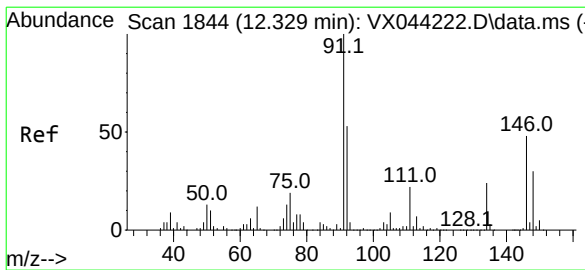
Lab File: VX044235.D

Acq: 11 Dec 2024 18:04



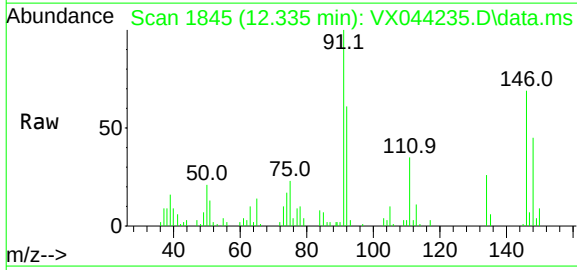
Tgt Ion:	146	Resp:	7422
Ion	Ratio	Lower	Upper
146	100		
111	60.5	21.0	63.0
148	73.6	32.3	96.8





#89
n-Butylbenzene
Concen: 2.045 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

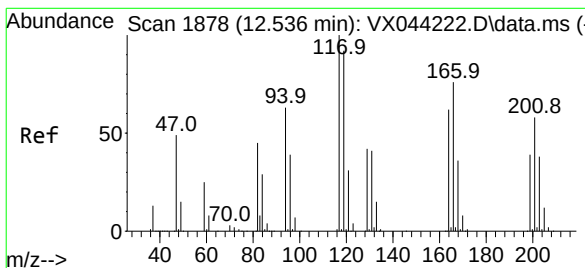
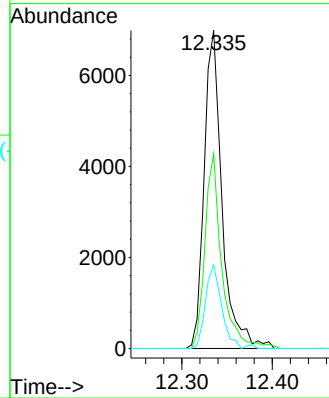
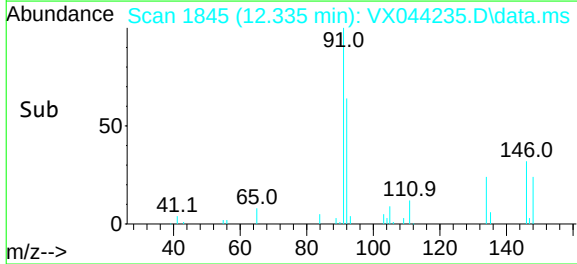
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	91	Resp:	9615
Ion Ratio	Lower	Upper	
91	100		
92	57.5	26.6	79.7
134	24.0	12.6	37.8

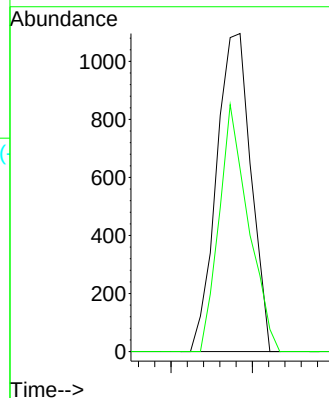
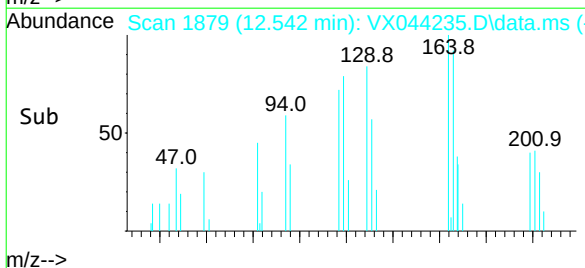
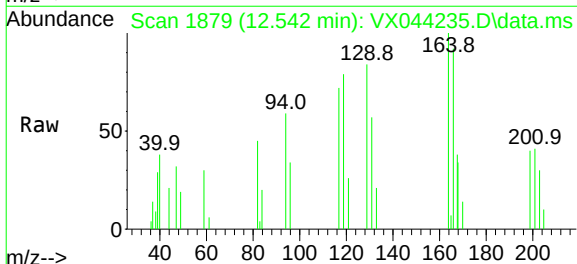
Manual Integrations
APPROVED

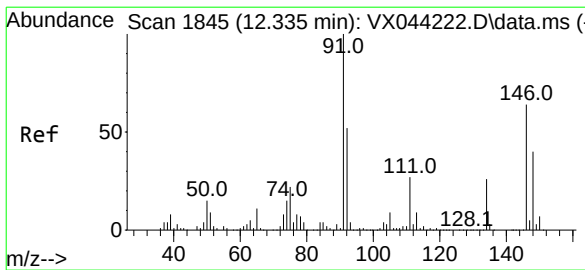
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#90
Hexachloroethane
Concen: 1.981 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

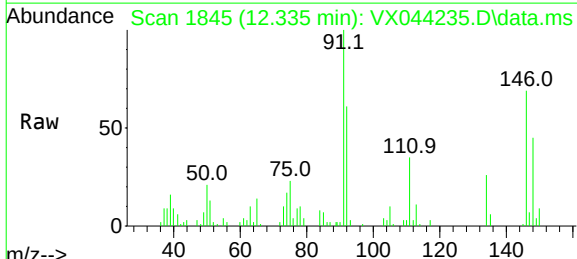
Tgt Ion:	117	Resp:	1617
Ion Ratio	Lower	Upper	
117	100		
201	65.9	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 2.390 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04

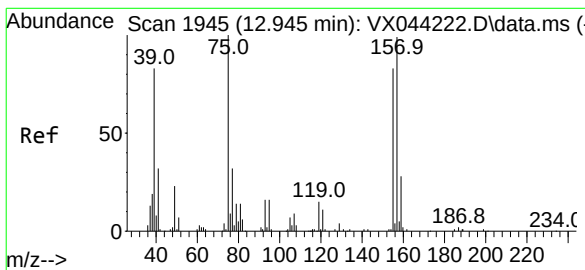
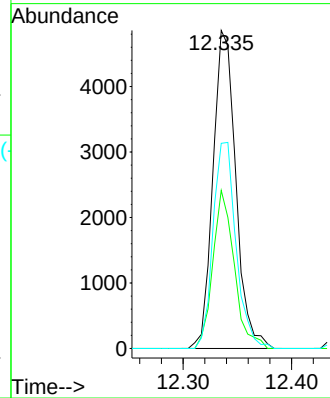
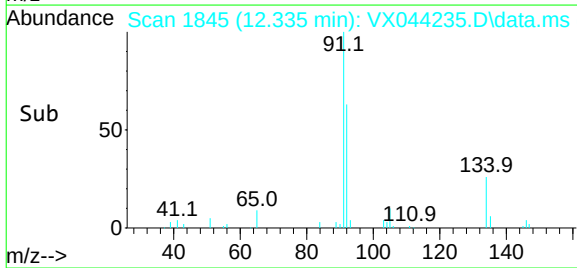
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



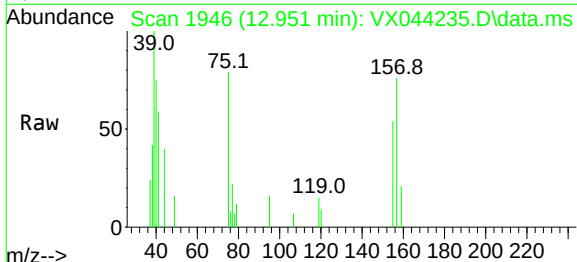
Tgt Ion: 146 Resp: 7096
Ion Ratio Lower Upper
146 100
111 46.5 21.4 64.3
148 65.3 31.6 95.0

Manual Integrations
APPROVED

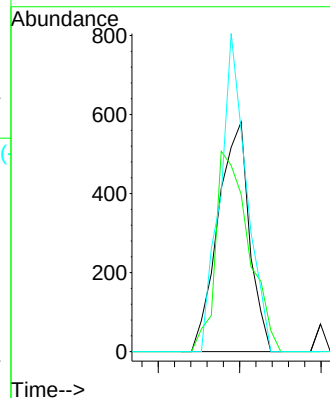
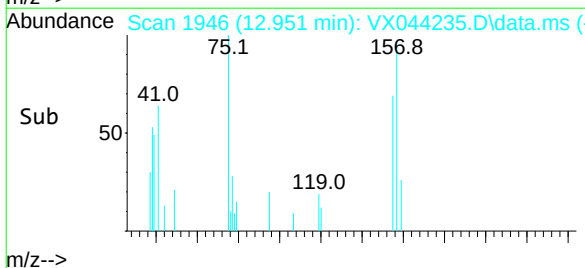
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

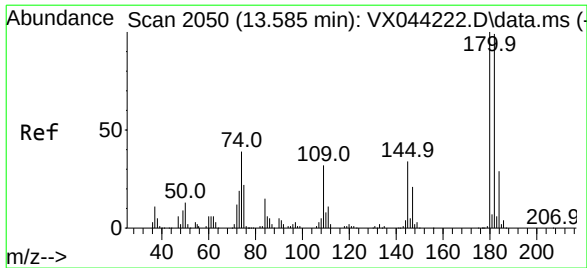


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.707 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX044235.D
Acq: 11 Dec 2024 18:04



Tgt Ion: 75 Resp: 777
Ion Ratio Lower Upper
75 100
155 92.8 38.1 114.3
157 116.7 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 2.198 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

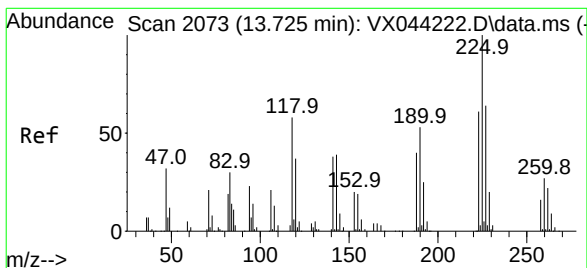
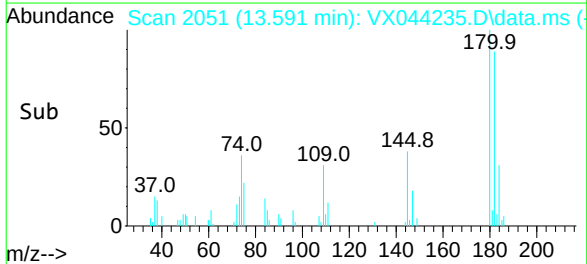
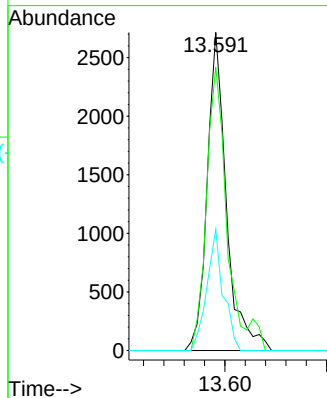
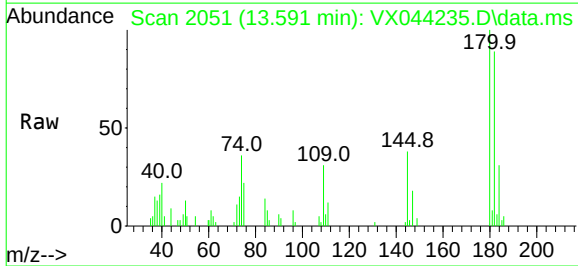
Tgt Ion:	180	Resp:	3578
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.2
145	32.5	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 2.234 ug/l

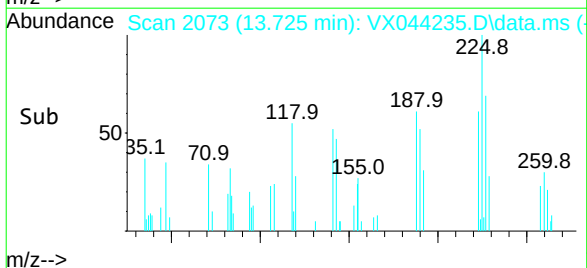
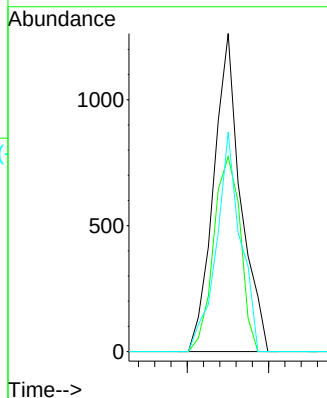
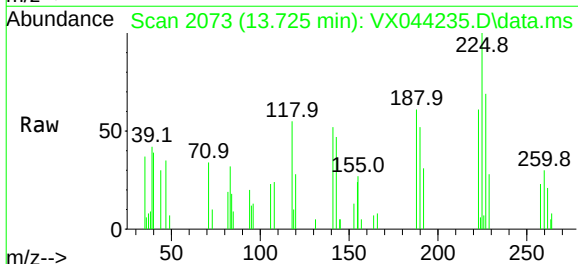
RT: 13.725 min Scan# 2073

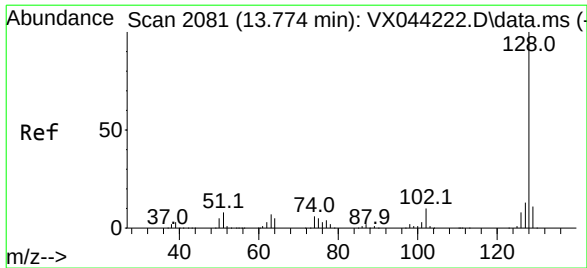
Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion:	225	Resp:	1463
Ion Ratio	Lower	Upper	
225	100		
223	60.6	30.8	92.4
227	61.2	32.1	96.3





#95

Naphthalene

Concen: 2.174 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

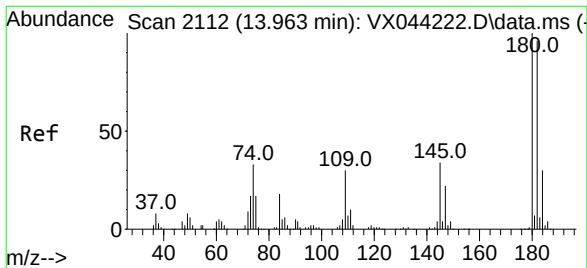
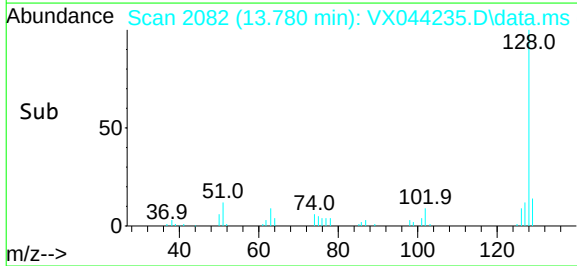
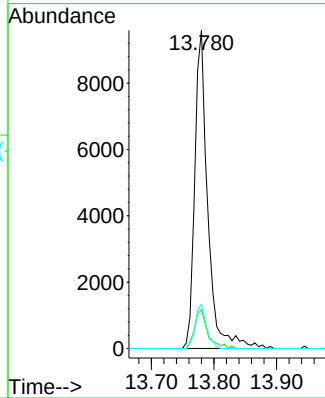
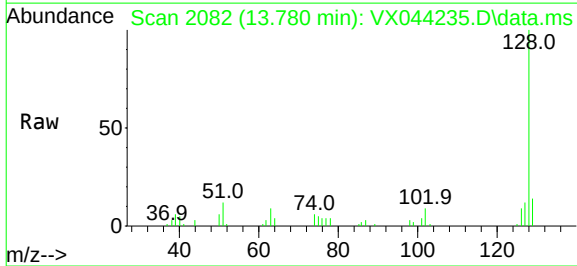
Tgt Ion:	128	Resp:	13813
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.5	15.7
129	12.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.235 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044235.D

Acq: 11 Dec 2024 18:04

Tgt Ion:	180	Resp:	3860
Ion Ratio	Lower	Upper	
180	100		
182	92.2	48.0	144.0
145	32.7	17.7	53.1

