

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044234.D
 Acq On : 11 Dec 2024 17:41
 Operator : JC/MD
 Sample : P4368-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 12 05:35:05 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	125911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122105	55.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	110.620%		
35) Dibromofluoromethane	5.385	113	80433	47.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	295139	51.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.680%		
62) 4-Bromofluorobenzene	11.079	95	96753	48.170	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1705	0.876	ug/l	93
3) Chloromethane	1.301	50	1458	0.783	ug/l #	78
4) Vinyl Chloride	1.374	62	1718	0.886	ug/l #	87
5) Bromomethane	1.599	94	1960	1.424	ug/l #	78
6) Chloroethane	1.666	64	1451	1.201	ug/l	99
7) Trichlorofluoromethane	1.868	101	2978	0.784	ug/l #	81
8) Diethyl Ether	2.130	74	1114	0.859	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.319	101	1339	0.871	ug/l	95
10) Methyl Iodide	2.441	142	1450	0.716	ug/l #	87
11) Tert butyl alcohol	2.989	59	1005	3.230	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	1343	0.952	ug/l #	75
13) Acrolein	2.239	56	2092	4.645	ug/l	99
14) Allyl chloride	2.666	41	2216	0.943	ug/l #	88
15) Acrylonitrile	3.075	53	3628	4.210	ug/l #	90
16) Acetone	2.386	43	3882	4.313	ug/l #	88
17) Carbon Disulfide	2.502	76	1973	0.735	ug/l #	94
18) Methyl Acetate	2.709	43	2016	0.869	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	4336	0.787	ug/l #	83
20) Methylene Chloride	2.788	84	1426	0.844	ug/l #	77
21) trans-1,2-Dichloroethene	3.081	96	1442m	0.961	ug/l	
22) Diisopropyl ether	3.770	45	3921	0.741	ug/l #	70
23) Vinyl Acetate	3.733	43	13282	3.086	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	2333	0.791	ug/l #	80
25) 2-Butanone	4.605	43	4360	3.408	ug/l	99
26) 2,2-Dichloropropane	4.483	77	1675	0.699	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	1443m	0.758	ug/l	
28) Bromochloromethane	4.916	49	1273m	0.880	ug/l	
29) Tetrahydrofuran	5.032	42	3379	4.114	ug/l #	86
30) Chloroform	5.093	83	2648	0.799	ug/l	94
31) Cyclohexane	5.465	56	1783	0.748	ug/l #	75
32) 1,1,1-Trichloroethane	5.367	97	1996	0.725	ug/l #	35
36) 1,1-Dichloropropene	5.678	75	1641m	0.745	ug/l	
37) Ethyl Acetate	4.757	43	1884m	0.692	ug/l	
38) Carbon Tetrachloride	5.672	117	1480	0.624	ug/l	92
39) Methylcyclohexane	7.379	83	2211	0.840	ug/l #	56
40) Benzene	6.044	78	5204	0.778	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.879	41	80	0.055	ug/l #	13
42) 1,2-Dichloroethane	6.111	62	2276	0.826	ug/l #	78
43) Isopropyl Acetate	6.355	43	2754	0.647	ug/l #	92
44) Trichloroethene	7.129	130	1196	0.717	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1055	0.618	ug/l #	44
46) Dibromomethane	7.598	93	1073	0.810	ug/l	94
47) Bromodichloromethane	7.830	83	1588	0.694	ug/l #	91
48) Methyl methacrylate	7.714	41	1069	0.518	ug/l	88
49) 1,4-Dioxane	7.690	88	195	5.694	ug/l #	45
51) 4-Methyl-2-Pentanone	8.574	43	8838	3.230	ug/l	99
52) Toluene	8.726	92	3151	0.750	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	1142	0.510	ug/l	99
54) cis-1,3-Dichloropropene	8.379	75	1671	0.670	ug/l #	79
55) 1,1,2-Trichloroethane	9.159	97	1260	0.755	ug/l #	84
56) Ethyl methacrylate	9.128	69	1375	0.522	ug/l #	56
57) 1,3-Dichloropropane	9.311	76	2176	0.749	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.257	63	5018	3.778	ug/l	95
59) 2-Hexanone	9.445	43	5811	2.934	ug/l	91
60) Dibromochloromethane	9.519	129	852	0.532	ug/l	92
61) 1,2-Dibromoethane	9.616	107	1111	0.654	ug/l	91
64) Tetrachloroethene	9.275	164	1322	0.960	ug/l #	81
65) Chlorobenzene	10.080	112	3461	0.778	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.171	131	849	0.594	ug/l #	59
67) Ethyl Benzene	10.201	91	5373	0.699	ug/l	98
68) m/p-Xylenes	10.305	106	3827	1.357	ug/l	96
69) o-Xylene	10.647	106	2252	0.789	ug/l	91
70) Styrene	10.665	104	3079	0.673	ug/l	97
71) Bromoform	10.805	173	546	0.599	ug/l #	97
73) Isopropylbenzene	10.964	105	4882	0.755	ug/l	97
74) N-amyl acetate	10.854	43	2058	0.689	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.220	83	1801	0.802	ug/l	89
76) 1,2,3-Trichloropropane	11.244	75	1328m	0.705	ug/l	
77) Bromobenzene	11.201	156	1262	0.805	ug/l	94
78) n-propylbenzene	11.305	91	5085	0.712	ug/l	97
79) 2-Chlorotoluene	11.366	91	3690	0.799	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3734	0.697	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	52896	90.196	ug/l #	4
82) 4-Chlorotoluene	11.457	91	3709	0.725	ug/l	96
83) tert-Butylbenzene	11.719	119	3612	0.682	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	3540	0.673	ug/l	94
85) sec-Butylbenzene	11.890	105	4437	0.690	ug/l	95
86) p-Isopropyltoluene	12.012	119	3296	0.616	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	2164	0.791	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	2072m	0.736	ug/l	
89) n-Butylbenzene	12.329	91	2691	0.598	ug/l	95
90) Hexachloroethane	12.543	117	446	0.571	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2130	0.749	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	173	0.397	ug/l #	65
93) 1,2,4-Trichlorobenzene	13.591	180	1055	0.677	ug/l	91
94) Hexachlorobutadiene	13.719	225	419	0.668	ug/l	76
95) Naphthalene	13.780	128	3596	0.591	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1102	0.667	ug/l	97

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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

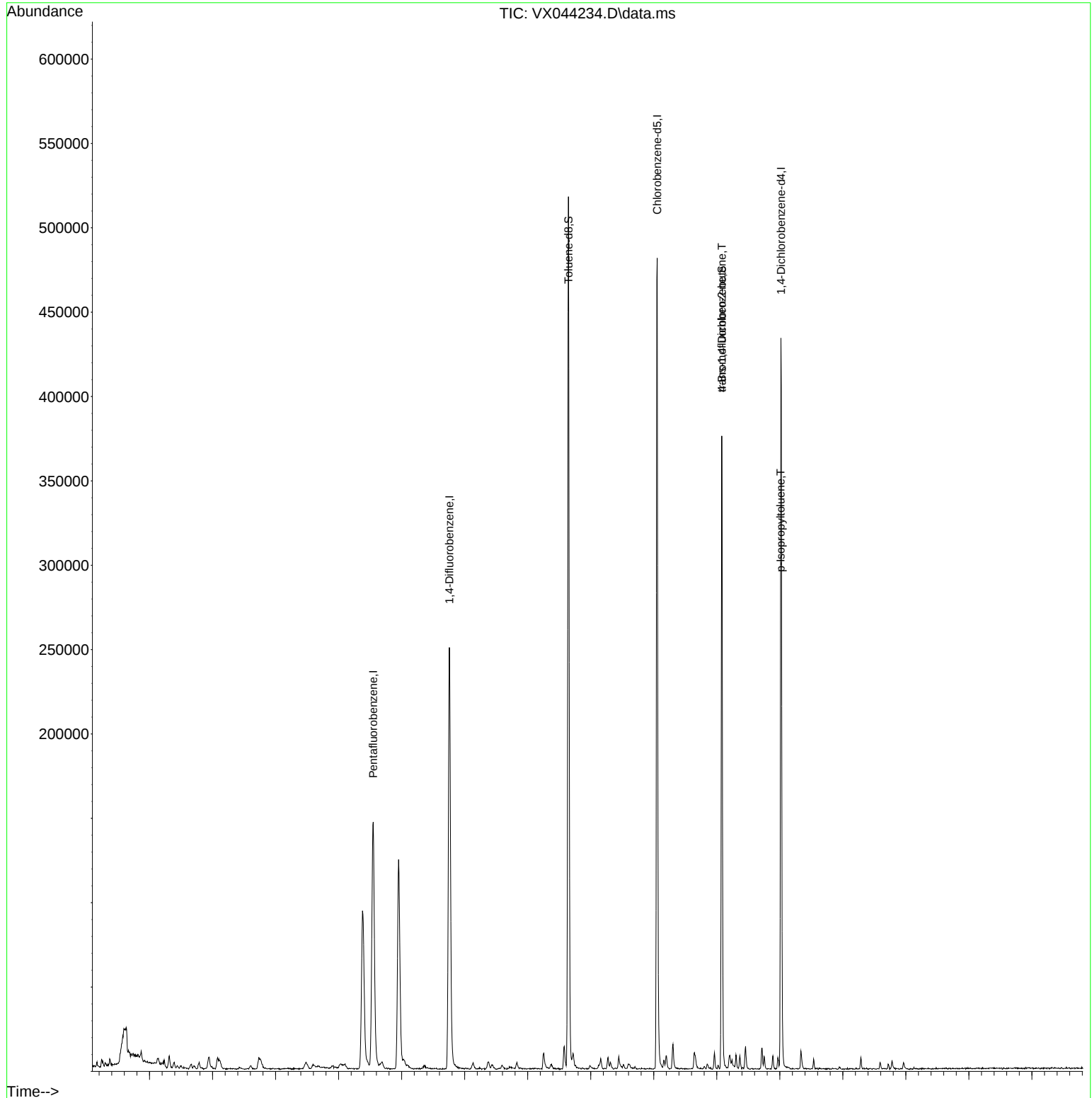
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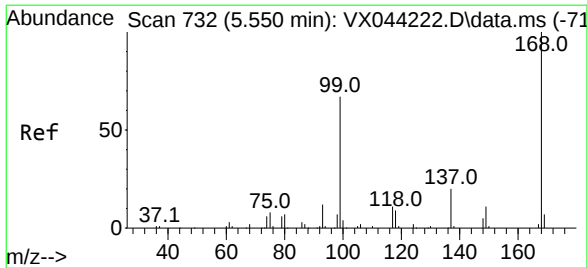
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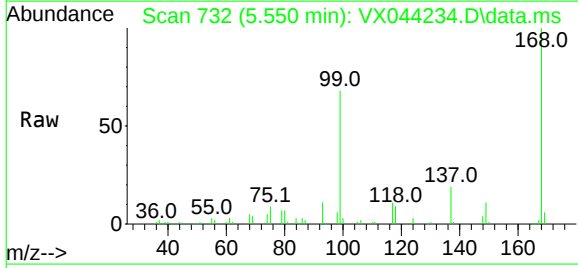
Reviewed By :John Carlone 12/12/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

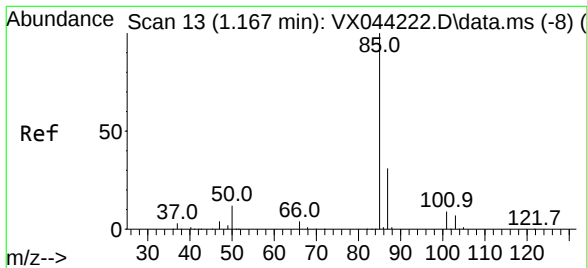
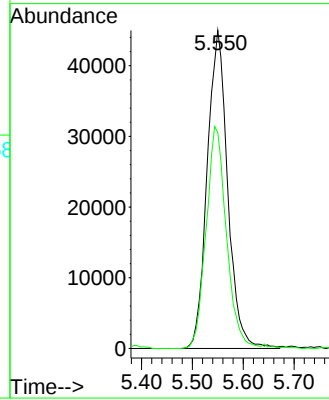
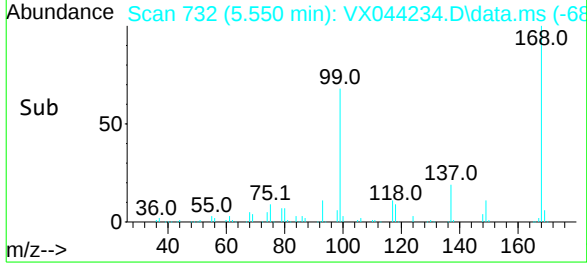
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



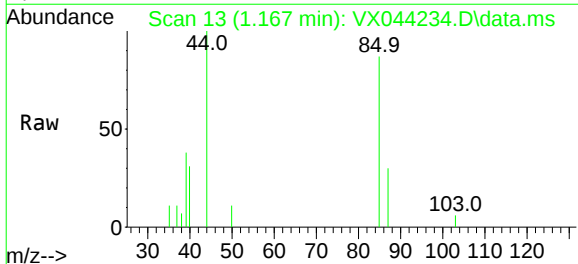
Tgt Ion: 168 Resp: 125911
Ion Ratio Lower Upper
168 100
99 67.9 53.4 80.0

Manual Integrations
APPROVED

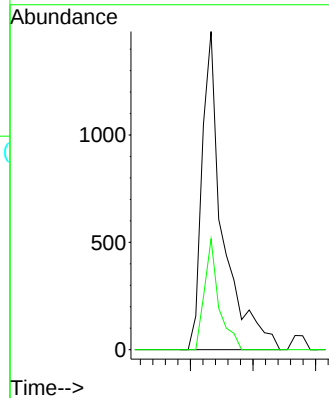
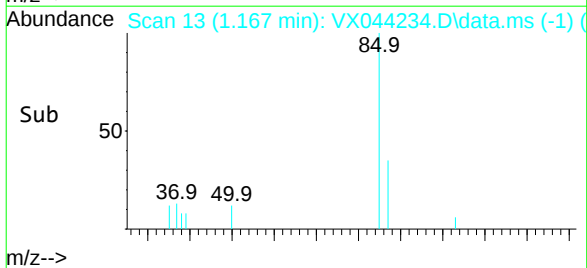
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

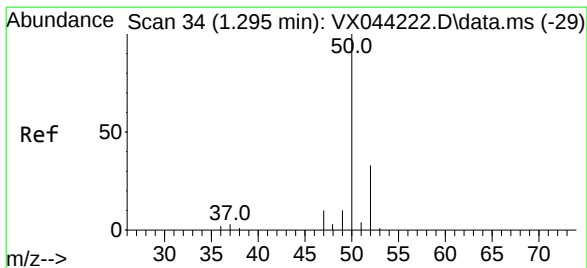


#2
Dichlorodifluoromethane
Concen: 0.876 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion: 85 Resp: 1705
Ion Ratio Lower Upper
85 100
87 34.8 15.4 46.4





#3

Chloromethane

Concen: 0.783 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 50 Resp: 1458

Ion Ratio Lower Upper

50 100

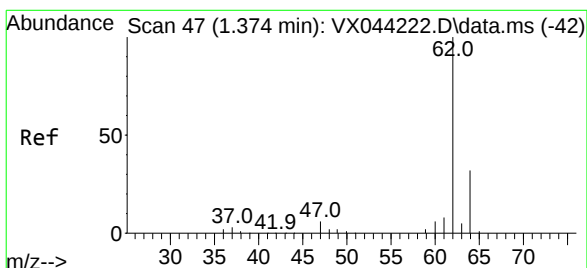
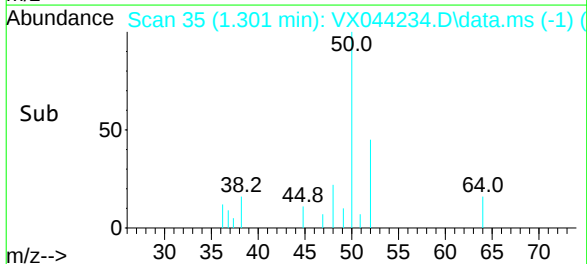
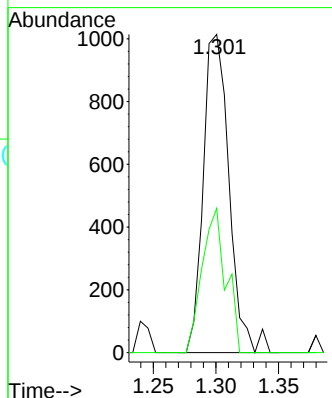
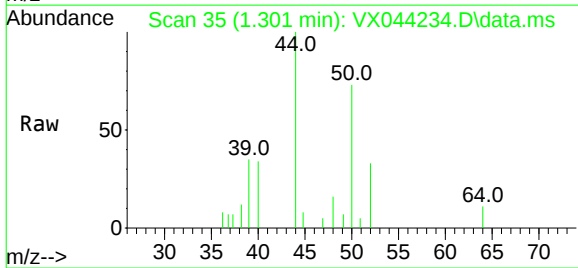
52 45.4 26.5 39.7#

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 0.886 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044234.D

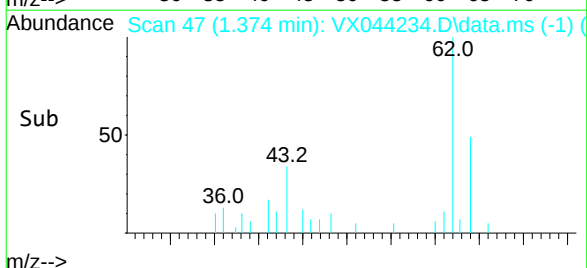
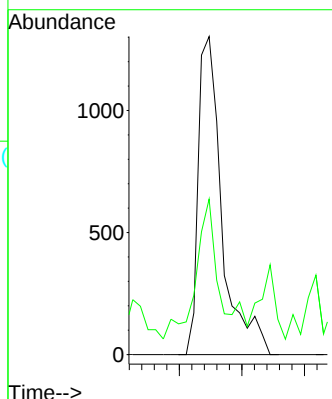
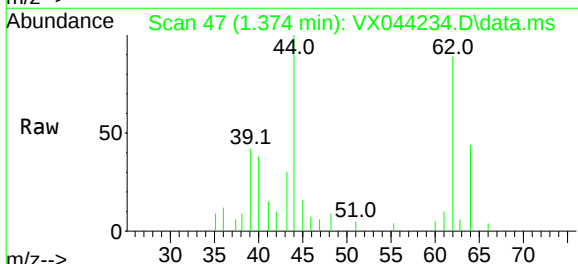
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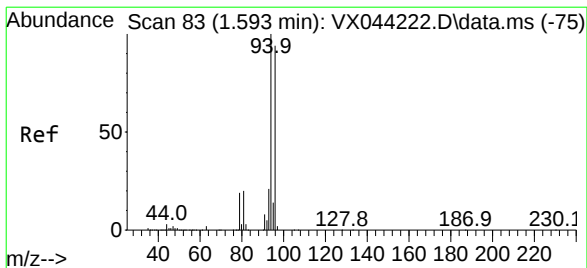
Tgt Ion: 62 Resp: 1718

Ion Ratio Lower Upper

62 100

64 39.2 25.7 38.5#





#5

Bromomethane

Concen: 1.424 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044234.D

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Tgt Ion: 94 Resp: 1960

Ion Ratio Lower Upper

94 100

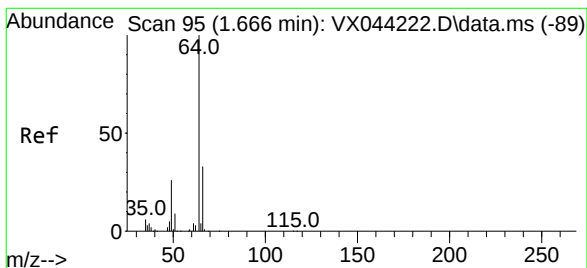
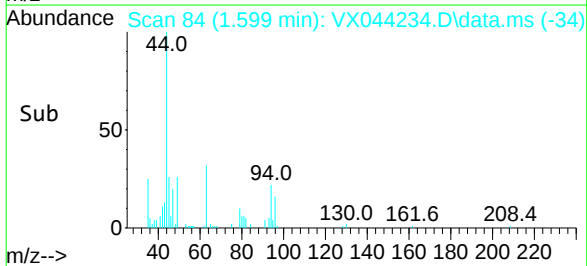
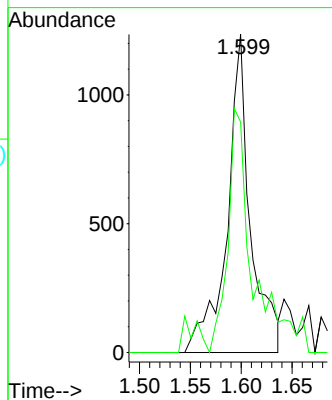
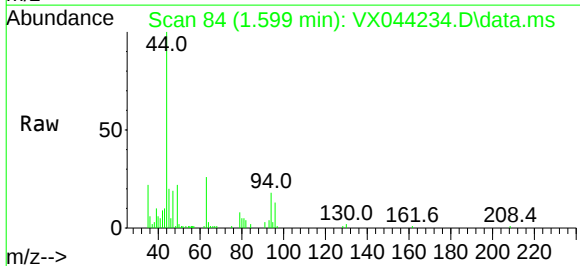
96 72.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 1.201 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044234.D

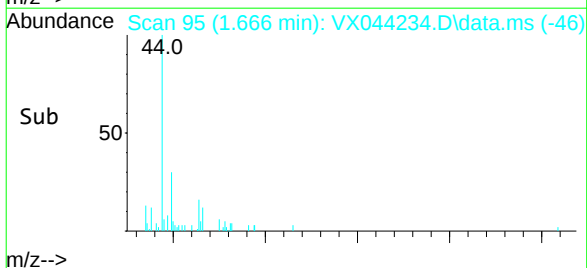
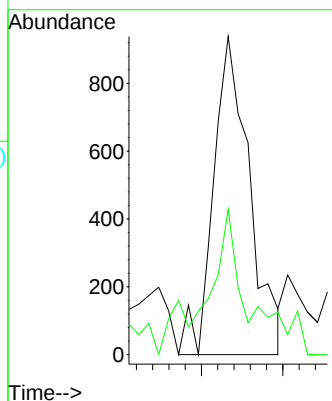
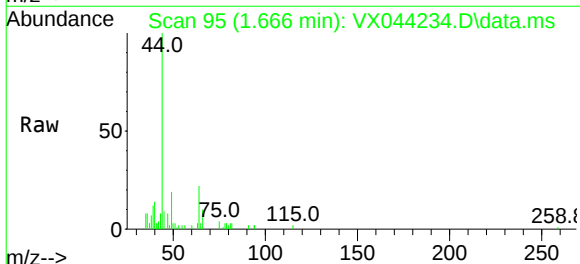
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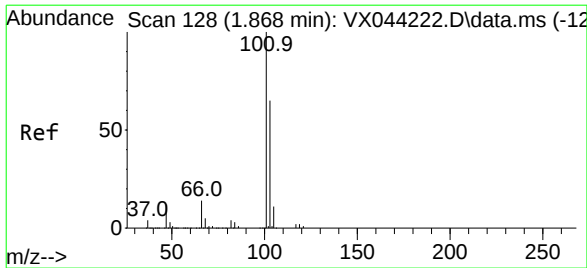
Tgt Ion: 64 Resp: 1451

Ion Ratio Lower Upper

64 100

66 32.4 26.6 39.8





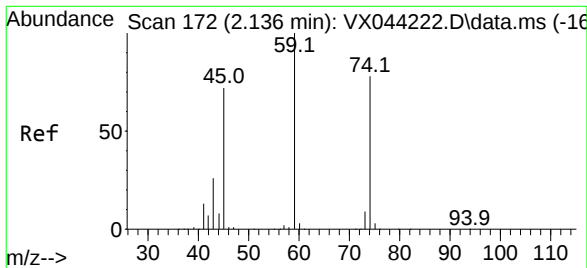
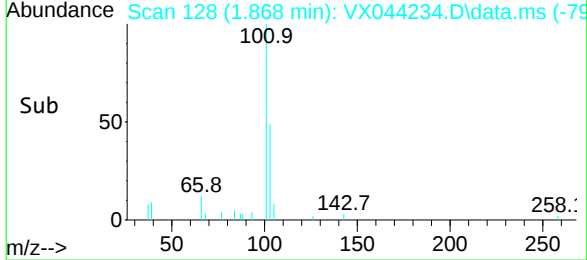
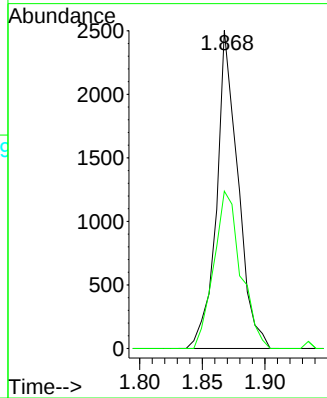
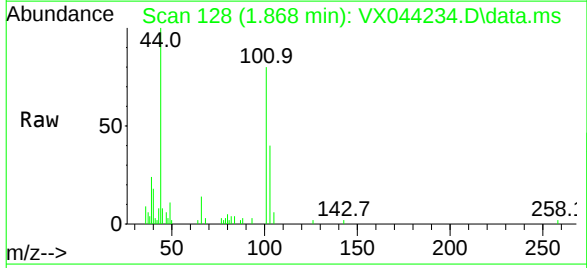
#7
 Trichlorofluoromethane
 Concen: 0.784 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044234.D
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 ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 101 Resp: 2978
 Ion Ratio Lower Upper
 101 100
 103 49.5 51.8 77.8#

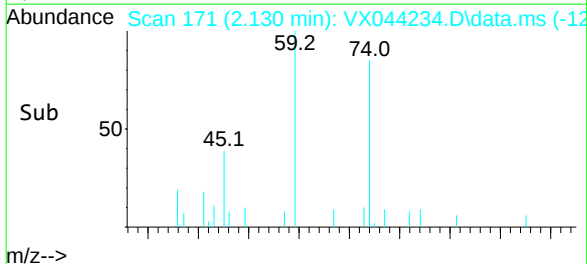
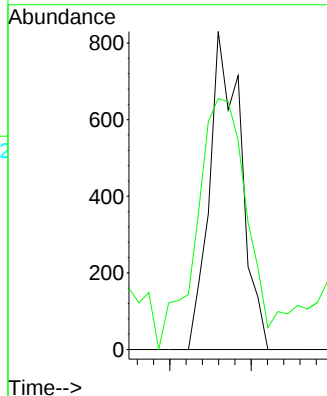
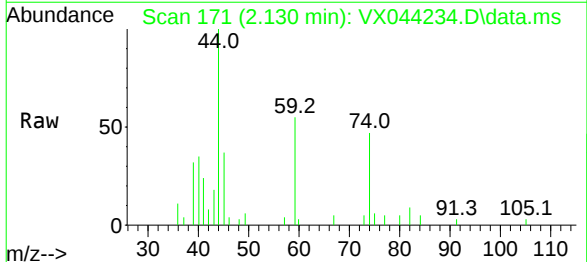
Manual Integrations
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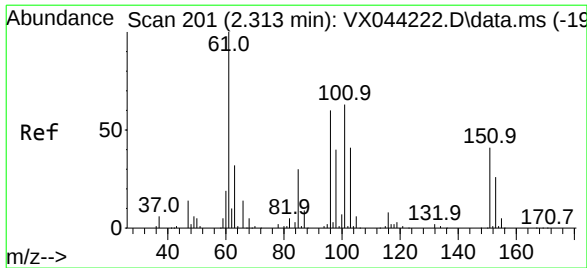
Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024



#8
 Diethyl Ether
 Concen: 0.859 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044234.D
 Acq: 11 Dec 2024 17:41

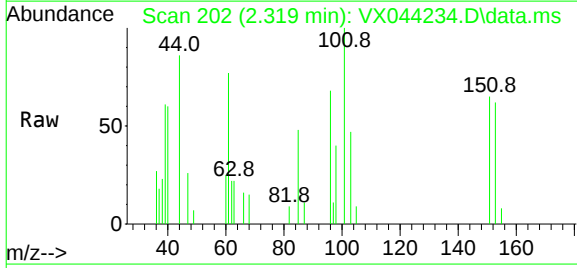
Tgt Ion: 74 Resp: 1114
 Ion Ratio Lower Upper
 74 100
 45 130.9 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.871 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

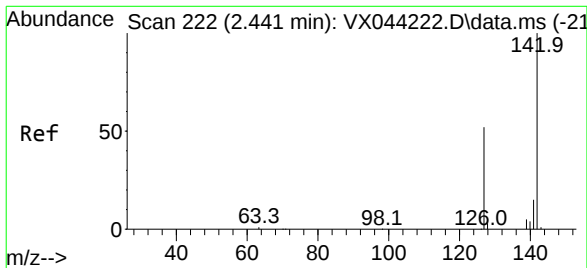
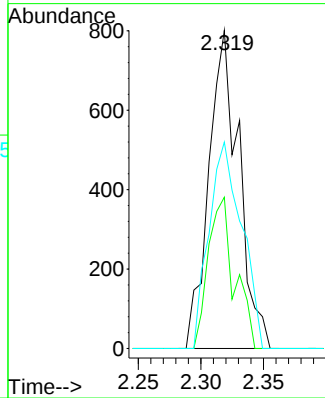
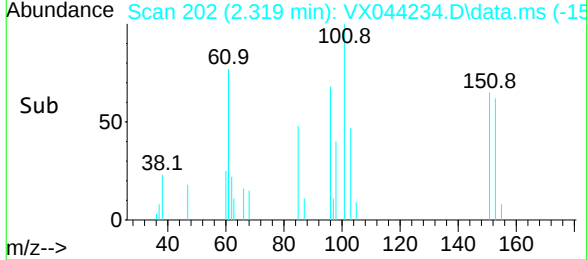
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



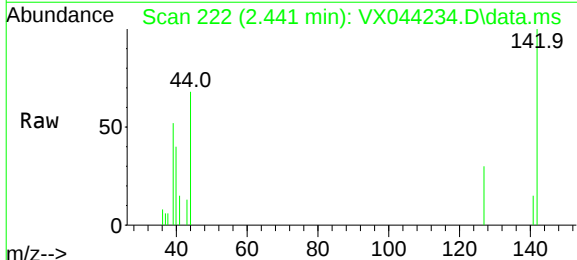
Tgt Ion:101 Resp: 1339
Ion Ratio Lower Upper
101 100
85 41.3 38.5 57.7
151 70.6 55.8 83.6

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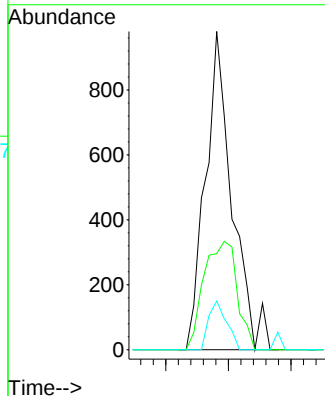
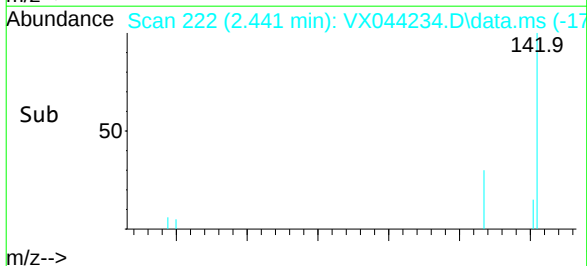
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

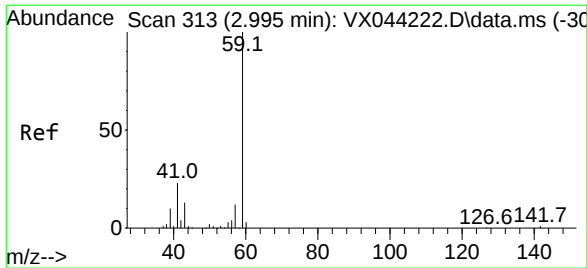


#10
Methyl Iodide
Concen: 0.716 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion:142 Resp: 1450
Ion Ratio Lower Upper
142 100
127 42.3 41.8 62.8
141 10.3 11.5 17.3#





#11

Tert butyl alcohol

Concen: 3.230 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

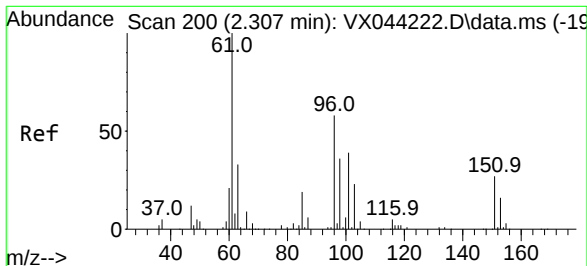
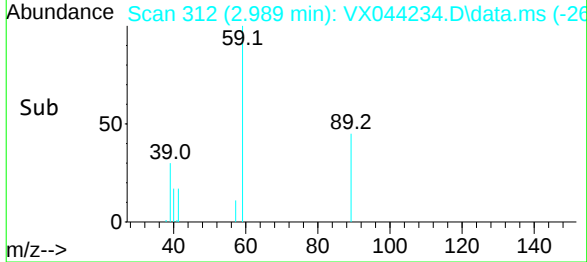
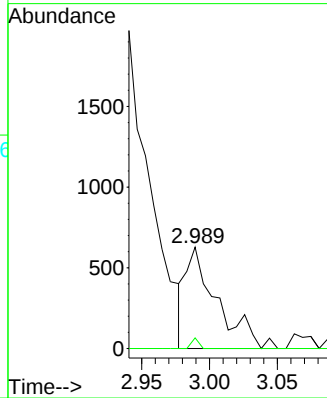
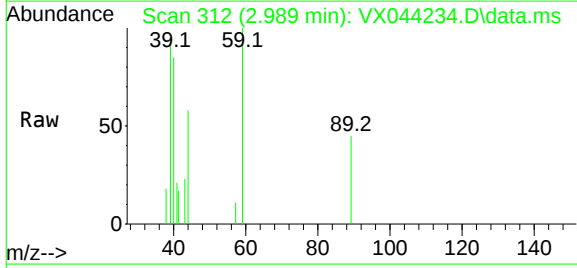
Tgt Ion: 59 Resp: 1005
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 0.952 ug/l

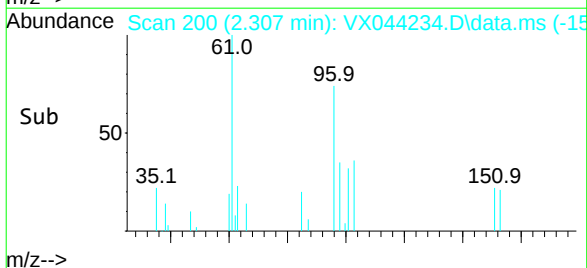
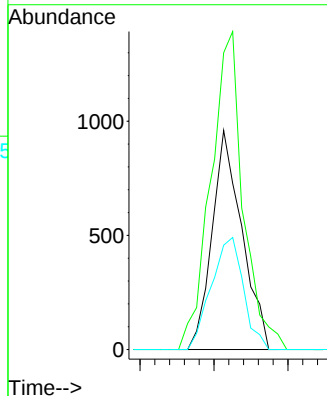
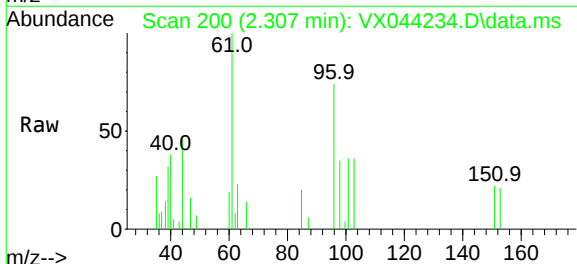
RT: 2.307 min Scan# 200

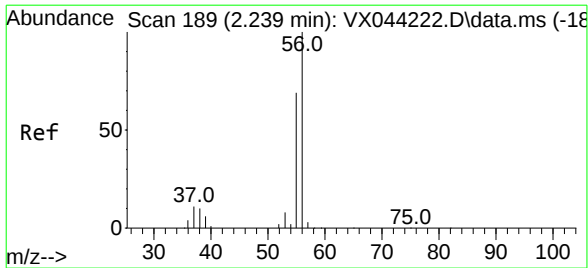
Delta R.T. -0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion: 96 Resp: 1343
 Ion Ratio Lower Upper
 96 100
 61 135.4 138.0 207.0#
 98 47.6 50.0 75.0#





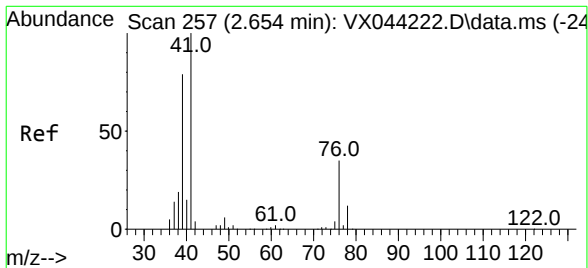
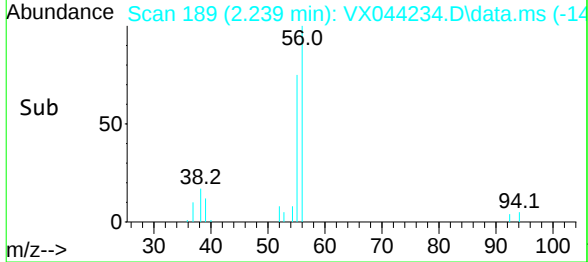
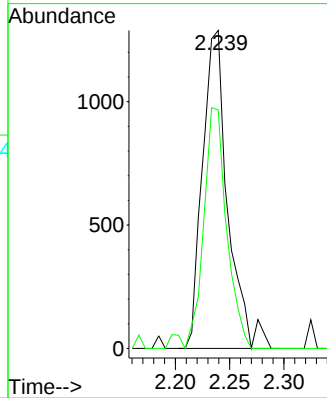
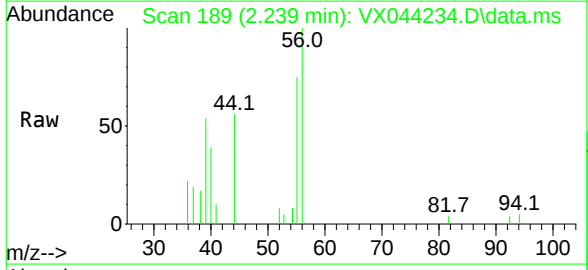
#13
Acrolein
Concen: 4.645 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 56 Resp: 2092
Ion Ratio Lower Upper
56 100
55 70.1 56.6 84.8

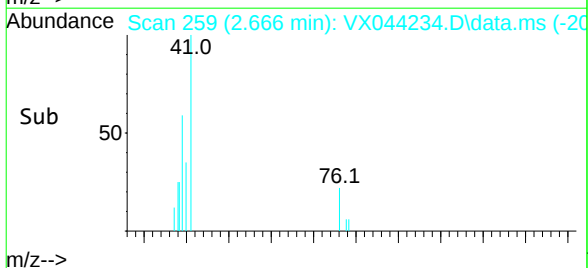
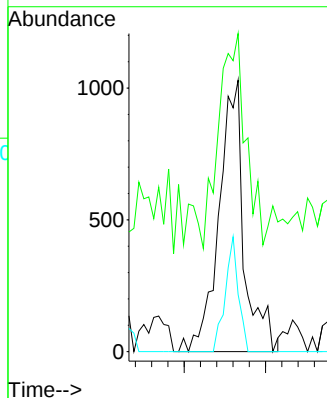
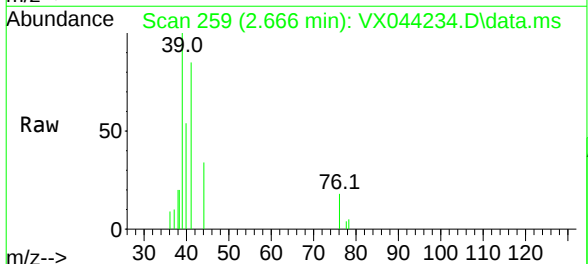
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 0.943 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion: 41 Resp: 2216
Ion Ratio Lower Upper
41 100
39 84.7 61.9 92.9
76 22.0 27.4 41.2#





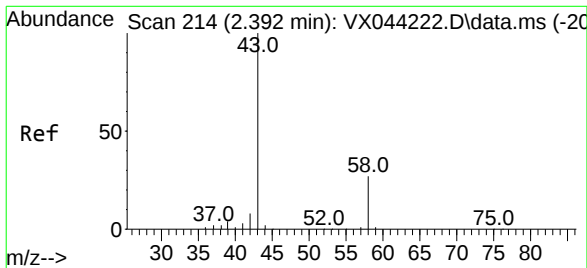
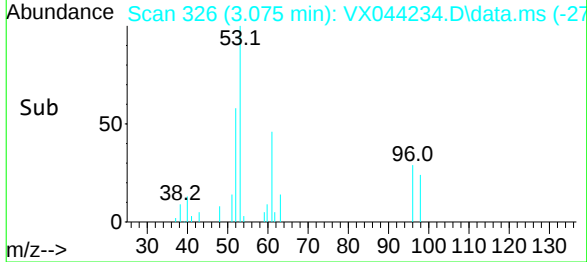
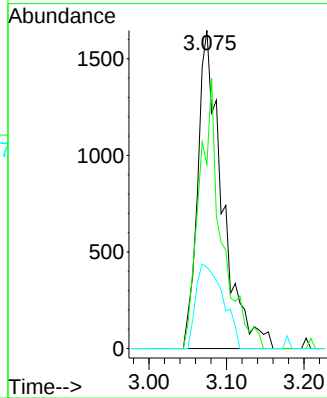
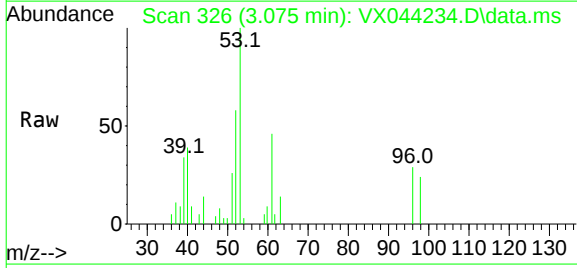
#15
Acrylonitrile
Concen: 4.210 ug/l
RT: 3.075 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion	Ratio	Lower	Upper
53	100		
52	76.6	67.4	101.0
51	29.4	30.3	45.5

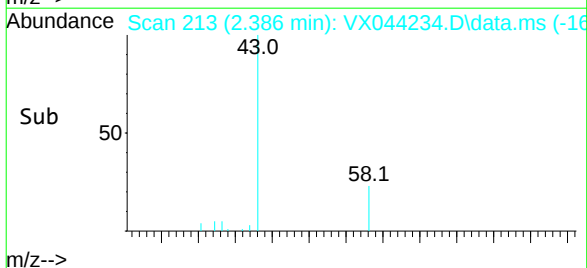
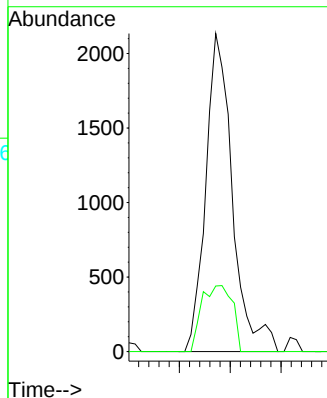
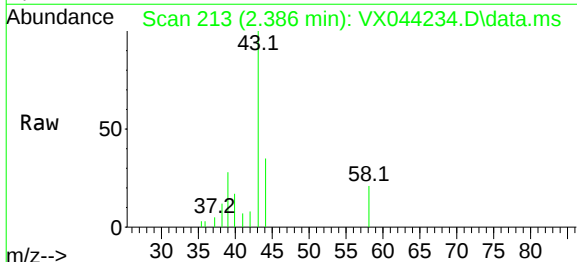
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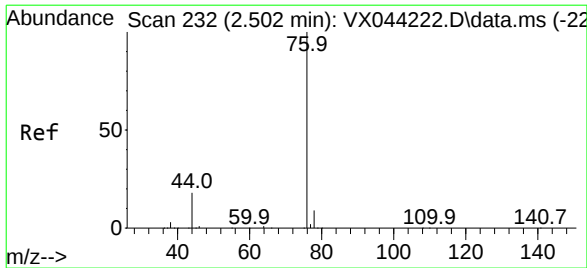
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 4.313 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.6	21.6	32.4





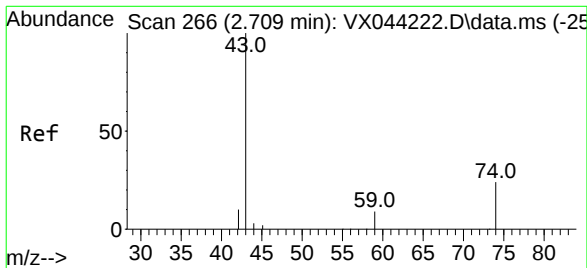
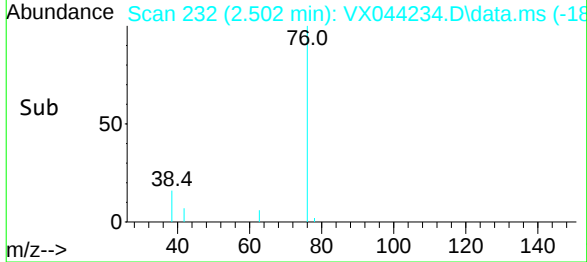
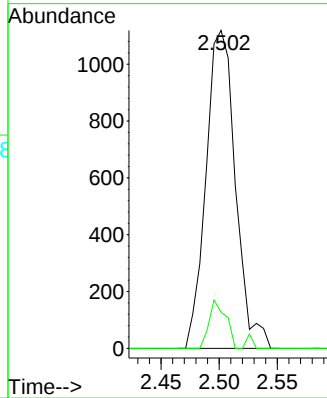
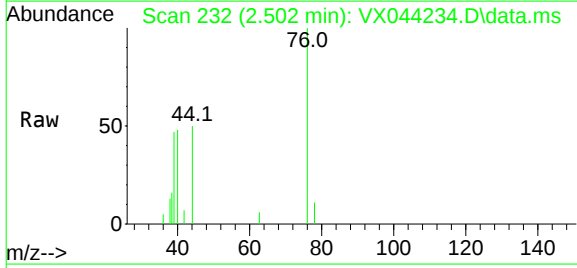
#17
Carbon Disulfide
Concen: 0.735 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 76 Resp: 1973
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#

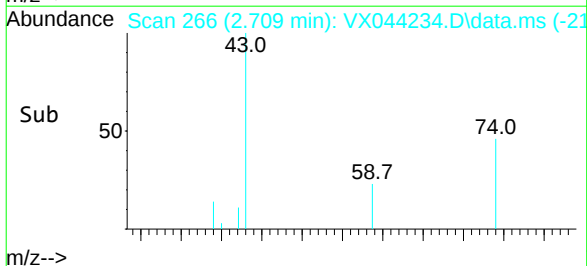
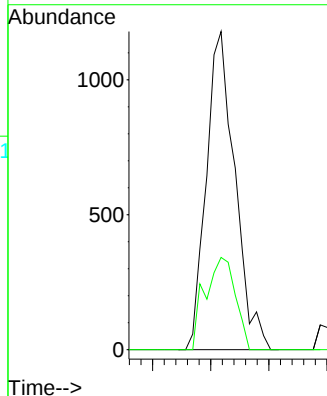
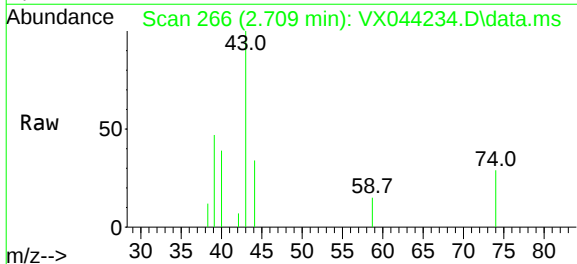
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 0.869 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
74 30.7 17.7 26.5#





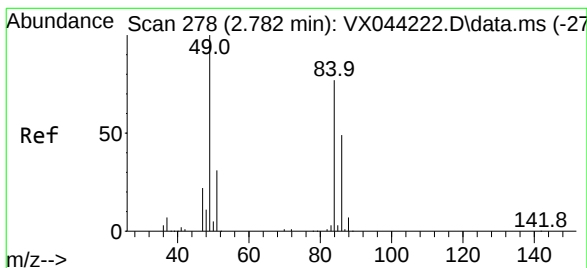
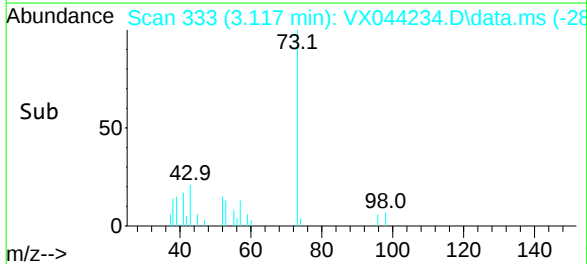
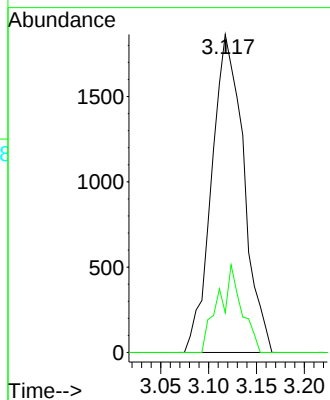
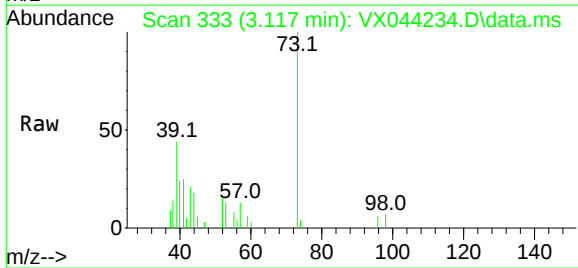
#19
Methyl tert-butyl Ether
Concen: 0.787 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 73 Resp: 4336
Ion Ratio Lower Upper
73 100
57 12.5 16.2 24.4#

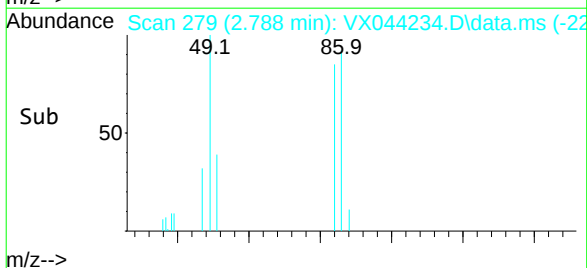
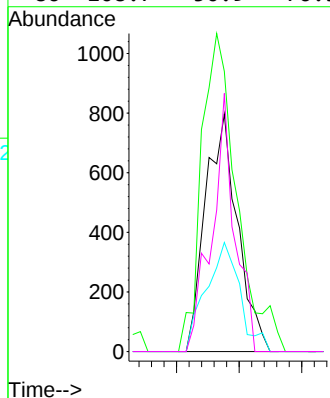
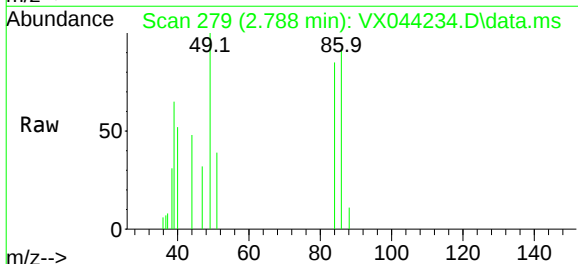
Manual Integrations
APPROVED

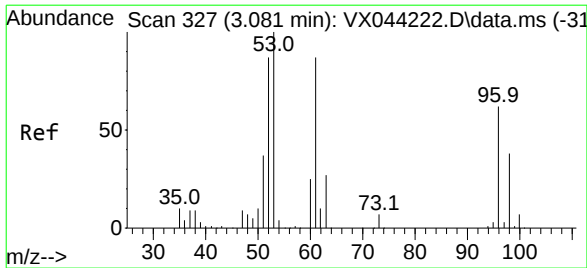
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 0.844 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

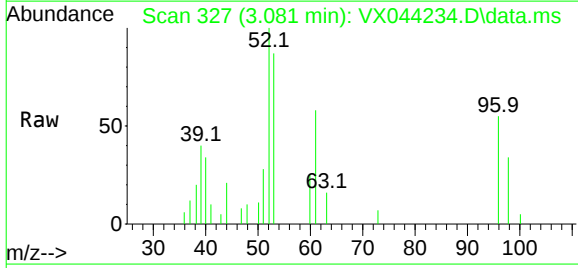
Tgt Ion: 84 Resp: 1426
Ion Ratio Lower Upper
84 100
49 117.9 104.2 156.4
51 45.9 32.2 48.4
86 108.7 50.9 76.3#





#21
trans-1,2-Dichloroethene
Concen: 0.961 ug/l m
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

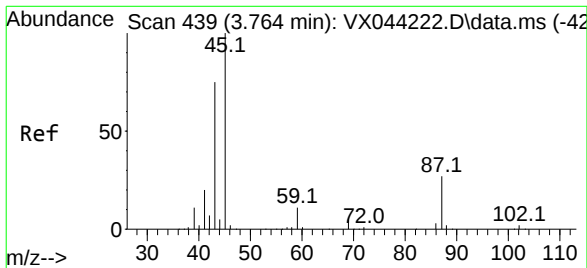
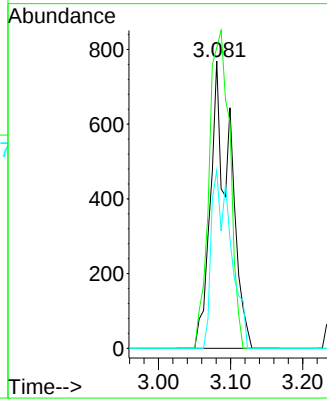
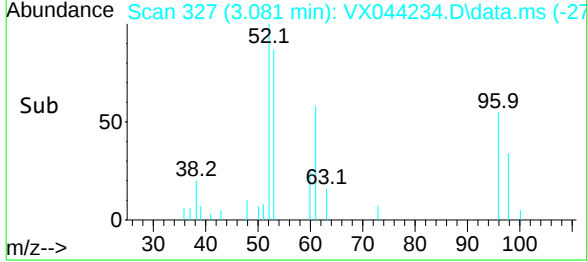
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



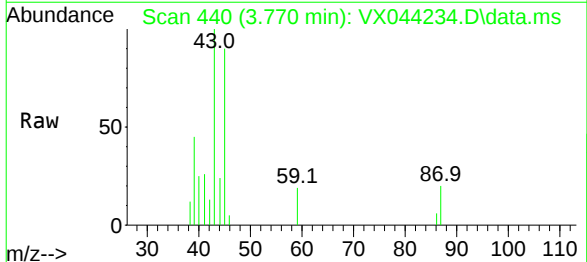
Tgt Ion: 96 Resp: 1442
Ion Ratio Lower Upper
96 100
61 104.7 112.0 168.0#
98 61.9 48.8 73.2

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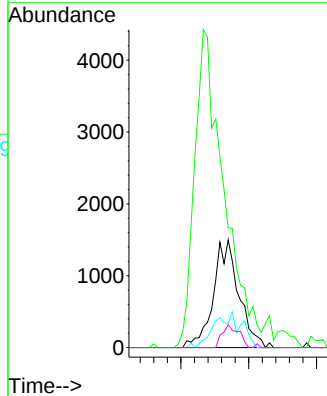
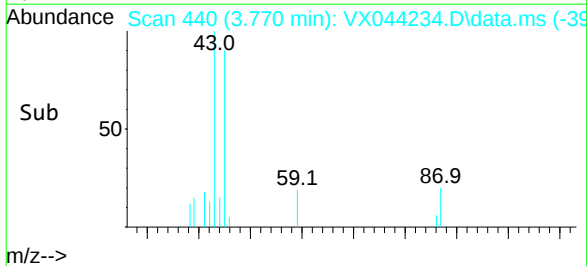
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

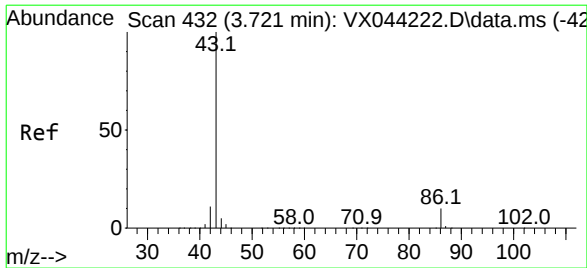


#22
Diisopropyl ether
Concen: 0.741 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion: 45 Resp: 3921
Ion Ratio Lower Upper
45 100
43 107.5 60.2 90.2#
87 22.4 21.2 31.8
59 21.3 8.9 13.3#





#23

Vinyl Acetate

Concen: 3.086 ug/l

RT: 3.733 min Scan# 43

Delta R.T. 0.012 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 13282

Ion Ratio Lower Upper

43 100

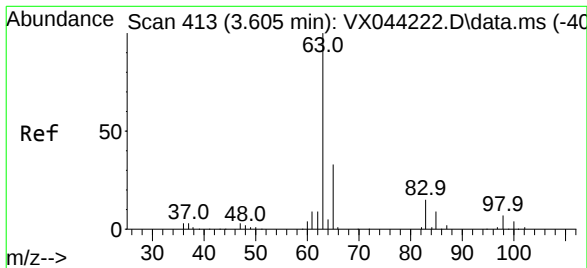
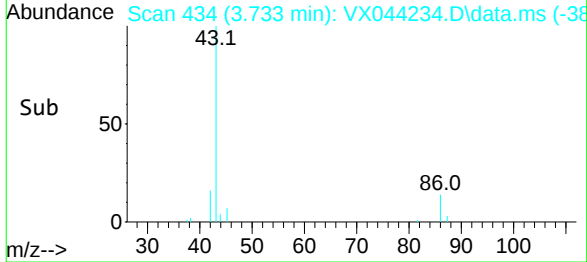
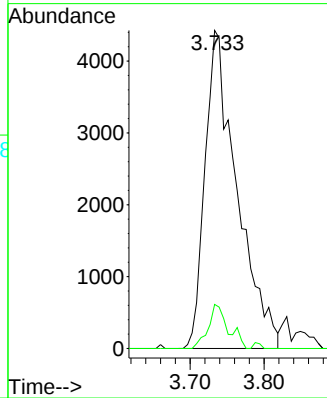
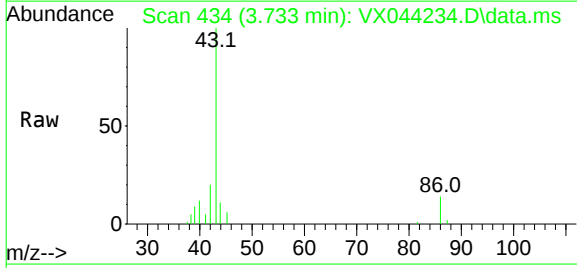
86 13.8 8.2 12.2#

Manual Integrations

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Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 0.791 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

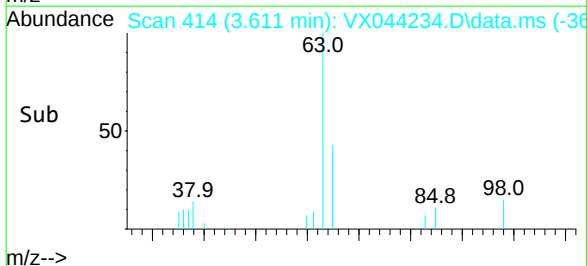
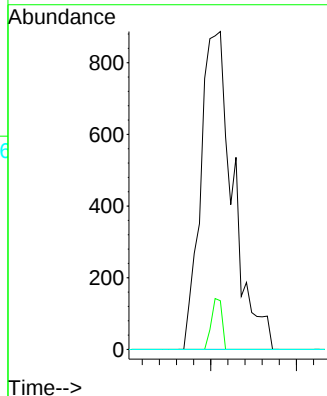
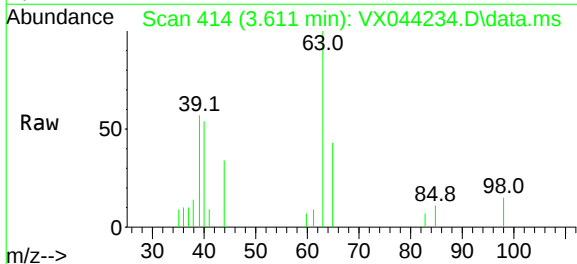
Tgt Ion: 63 Resp: 2333

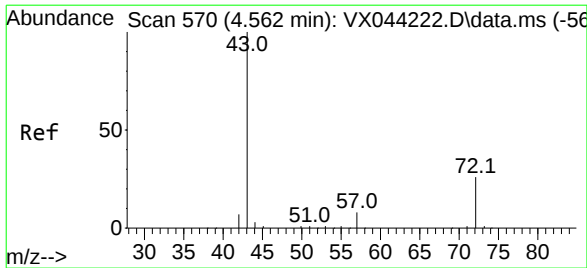
Ion Ratio Lower Upper

63 100

98 15.3 3.6 10.8#

100 0.0 2.1 6.3#





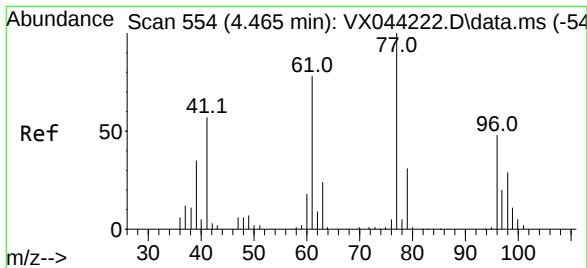
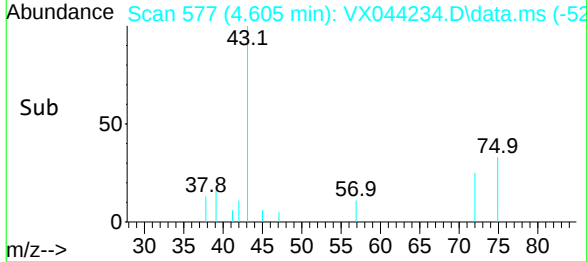
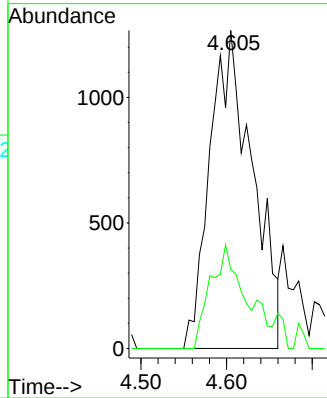
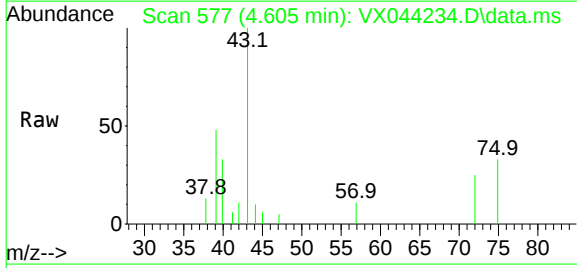
#25
2-Butanone
Concen: 3.408 ug/l
RT: 4.605 min Scan# 571
Delta R.T. 0.043 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.4

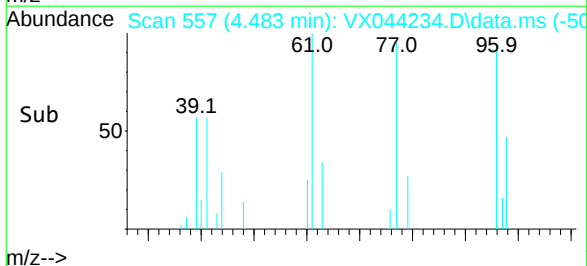
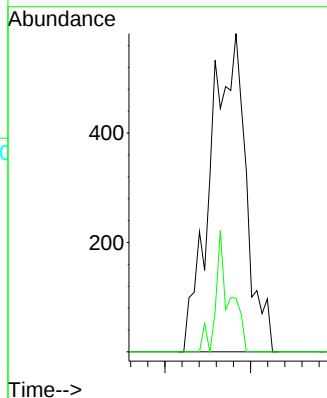
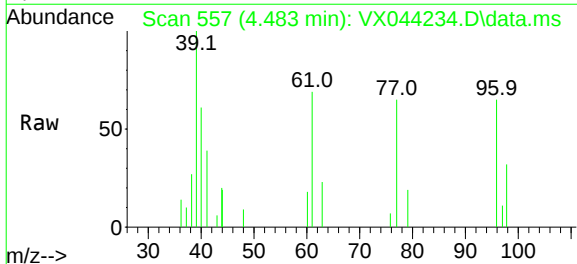
Manual Integrations
APPROVED

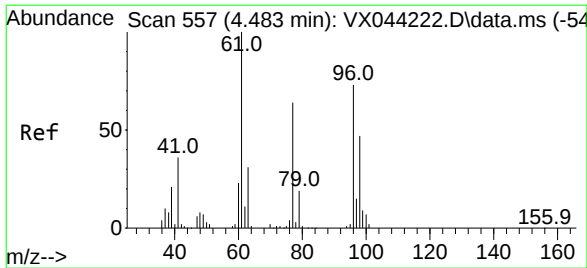
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 0.699 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

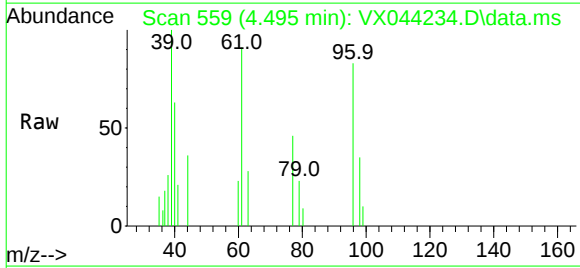
Tgt Ion: 77 Resp: 1675
Ion Ratio Lower Upper
77 100
97 15.0 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 0.758 ug/l m
RT: 4.495 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

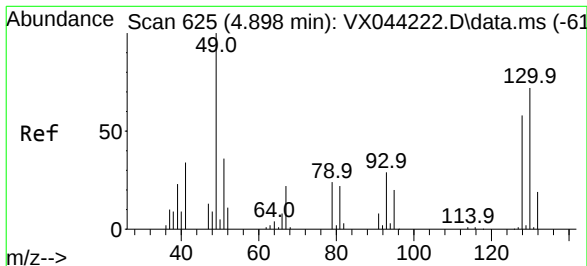
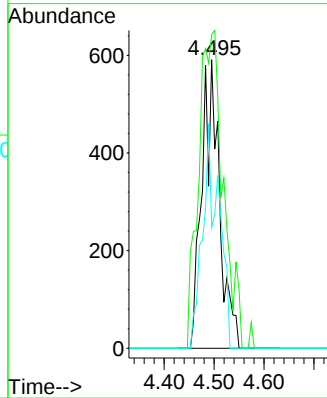
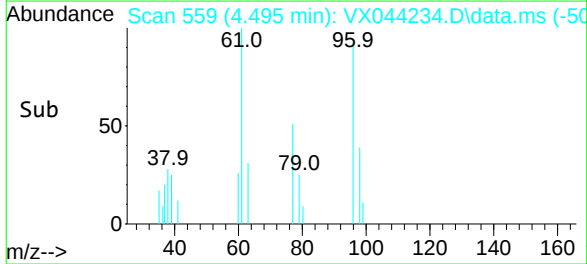
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



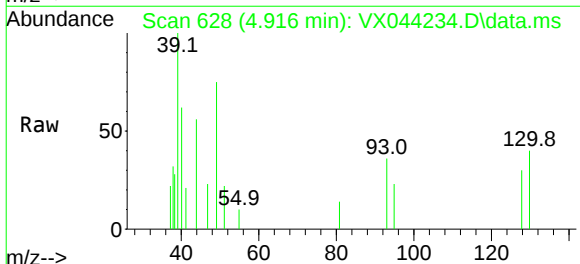
Tgt Ion: 96 Resp: 1443
Ion Ratio Lower Upper
96 100
61 154.5 0.0 299.0
98 47.2 0.0 129.0

Manual Integrations
APPROVED

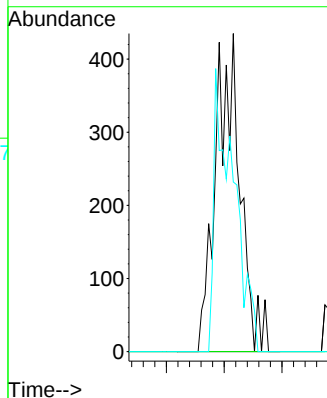
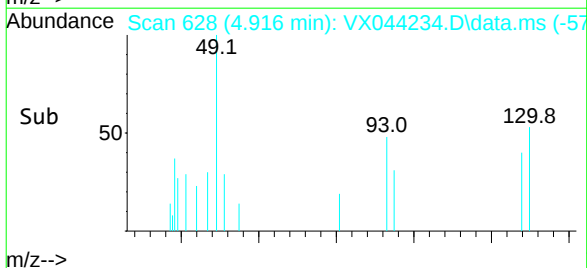
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

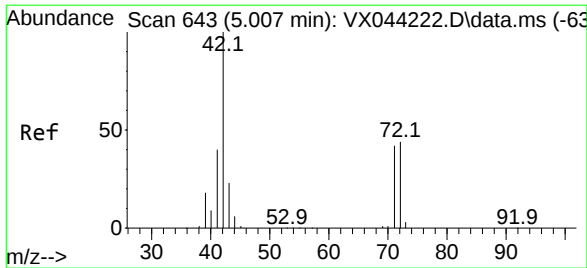


#28
Bromochloromethane
Concen: 0.880 ug/l m
RT: 4.916 min Scan# 628
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion: 49 Resp: 1273
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 36.8 62.1 93.1#





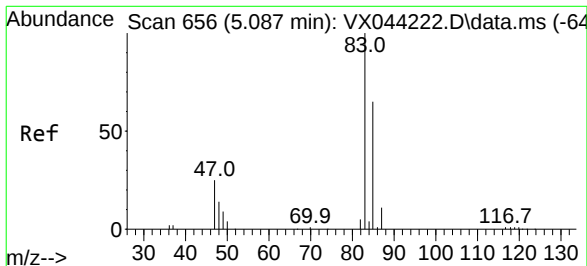
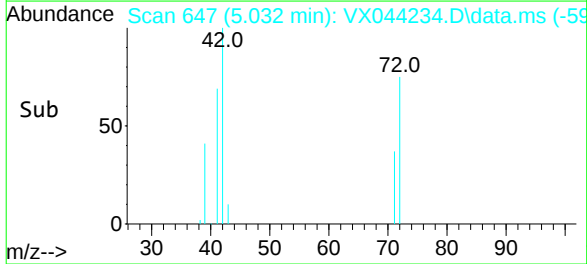
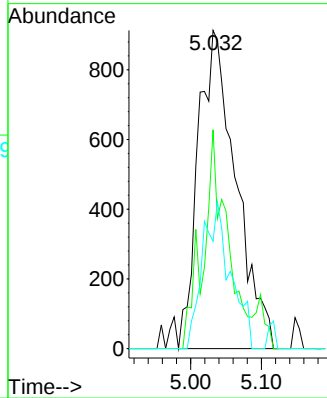
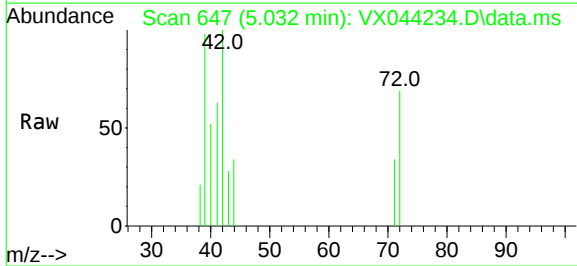
#29
Tetrahydrofuran
Concen: 4.114 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt	Ion: 42	Resp: 3379
Ion	Ratio	Lower Upper
42	100	
72	36.3	37.0 55.6
71	34.2	33.6 50.4

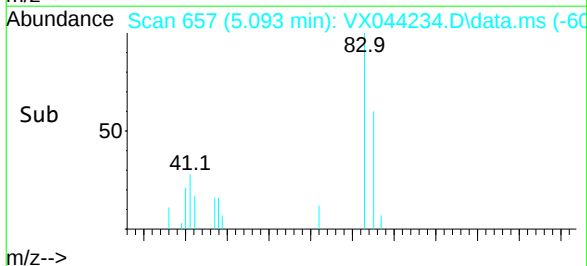
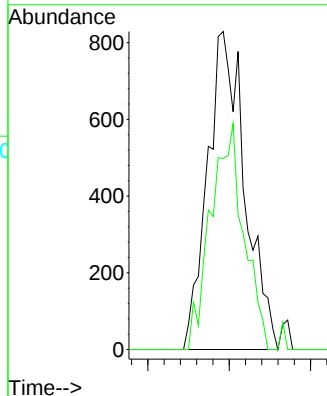
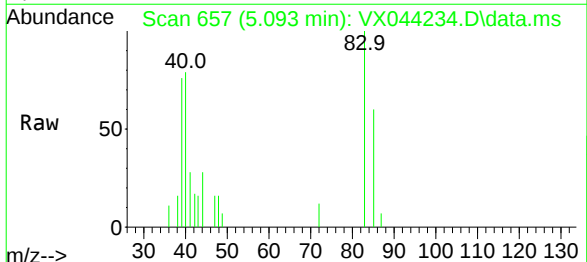
Manual Integrations
APPROVED

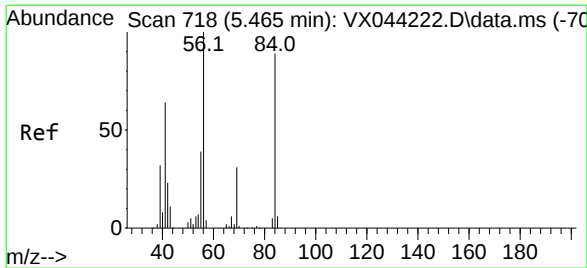
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 0.799 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt	Ion: 83	Resp: 2648
Ion	Ratio	Lower Upper
83	100	
85	60.1	51.6 77.4





#31

Cyclohexane

Concen: 0.748 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

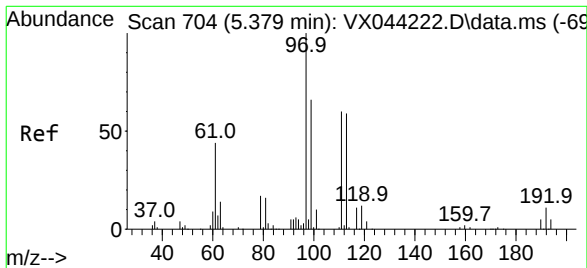
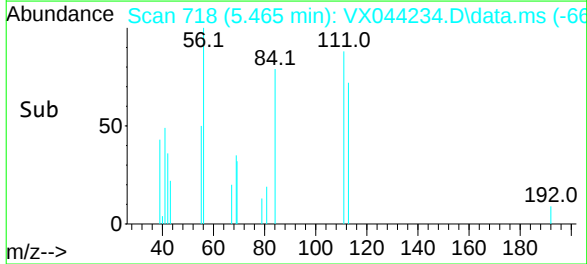
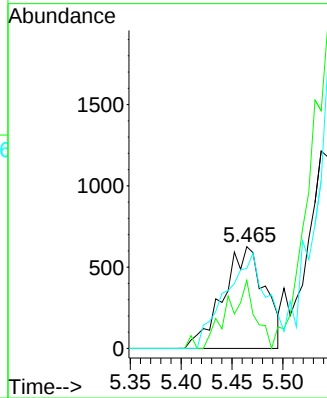
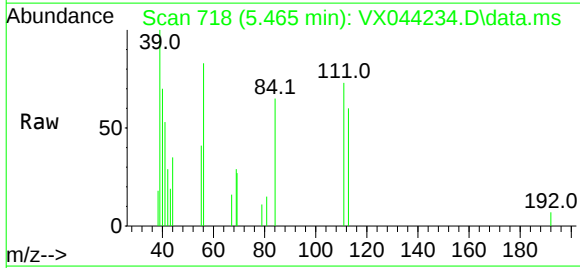
Tgt Ion:	56	Resp:	1783
Ion	Ratio	Lower	Upper
56	100		
69	66.9	24.7	37.1#
84	78.6	71.0	106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 0.725 ug/l

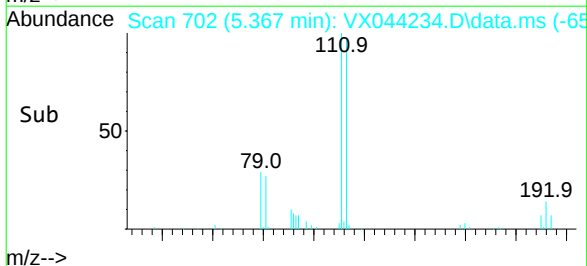
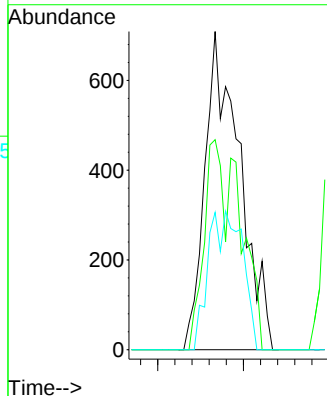
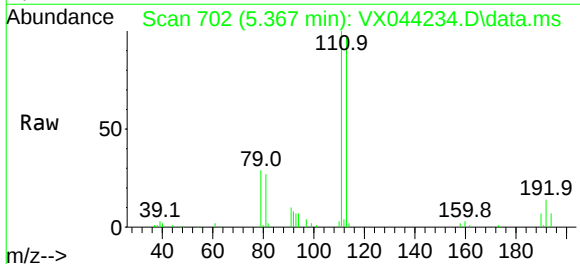
RT: 5.367 min Scan# 702

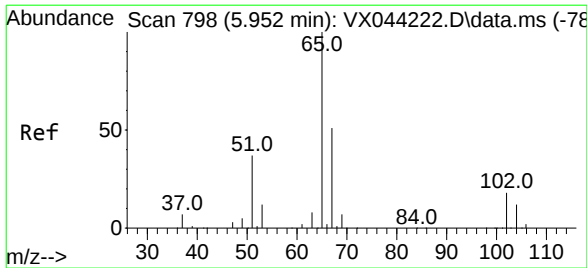
Delta R.T. -0.012 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion:	97	Resp:	1996
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	17.9	35.2	52.8#





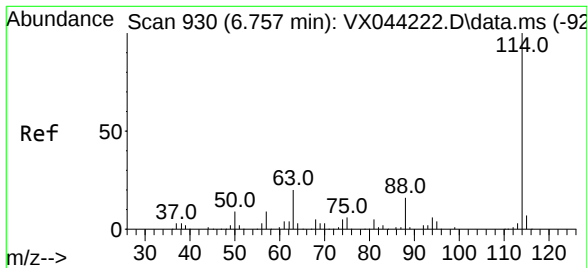
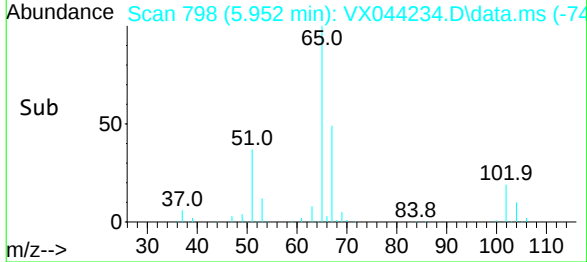
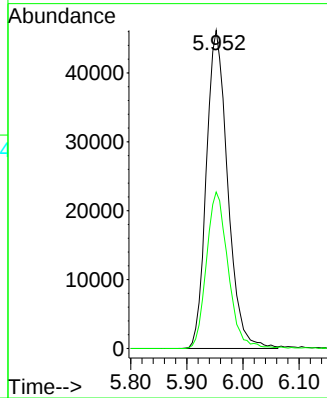
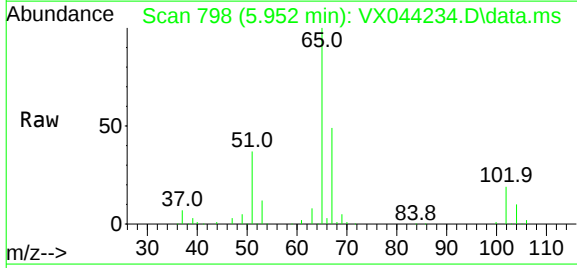
#33
1,2-Dichloroethane-d4
Concen: 55.310 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 65 Resp: 122105
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

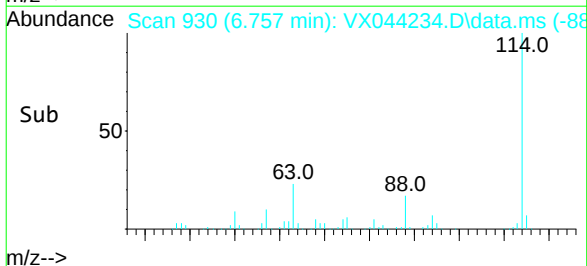
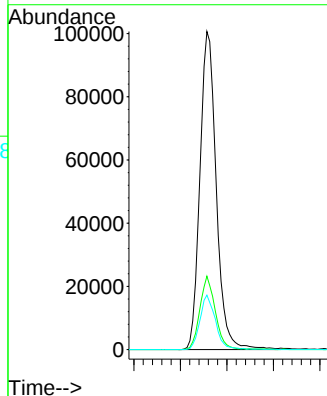
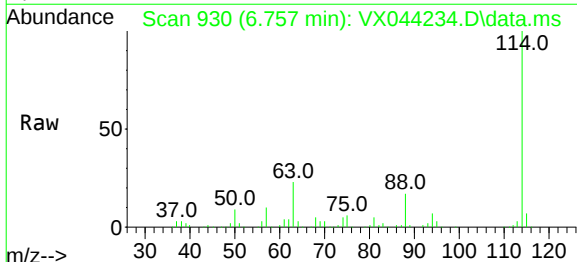
Manual Integrations
APPROVED

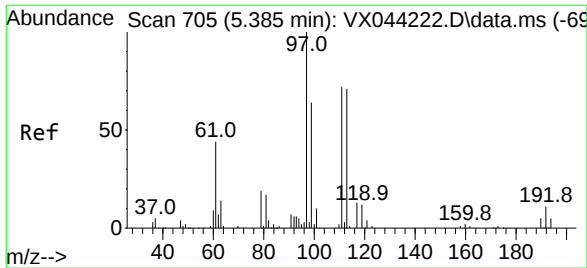
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion:114 Resp: 246010
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.6
88 17.1 0.0 31.8





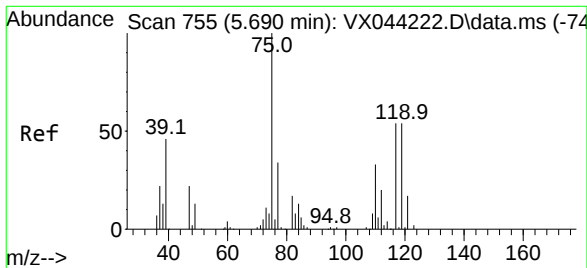
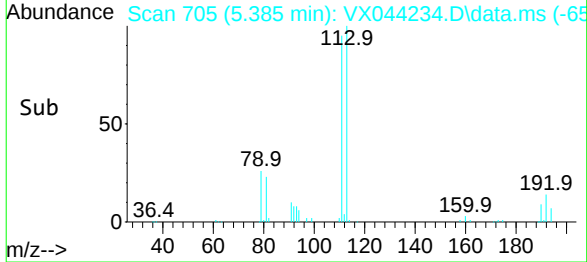
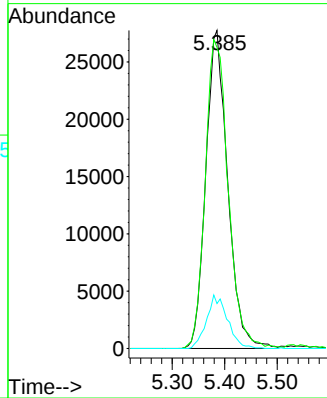
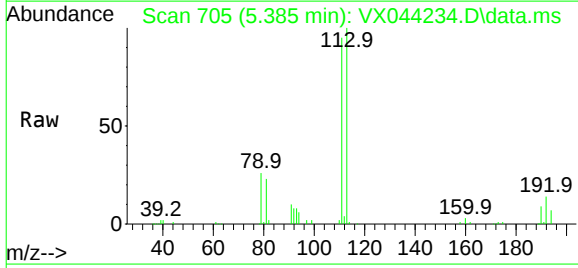
#35
Dibromofluoromethane
Concen: 47.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion:	113	Resp:	80433
Ion Ratio	Lower	Upper	
113	100		
111	101.8	80.4	120.6
192	16.1	13.3	19.9

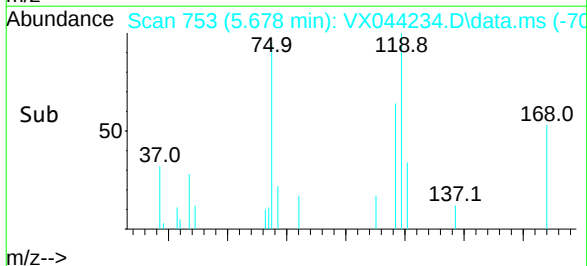
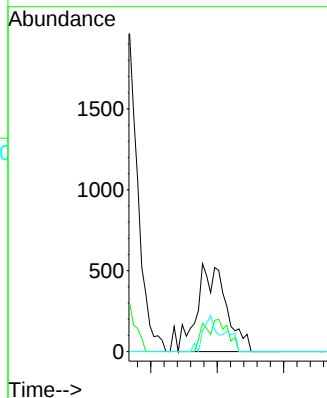
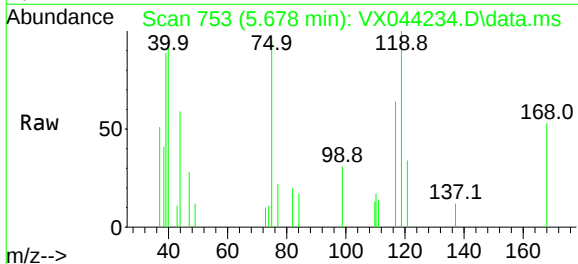
Manual Integrations
APPROVED

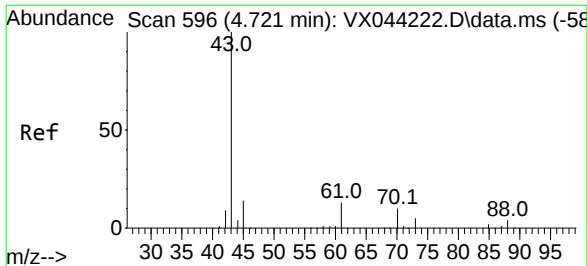
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 0.745 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

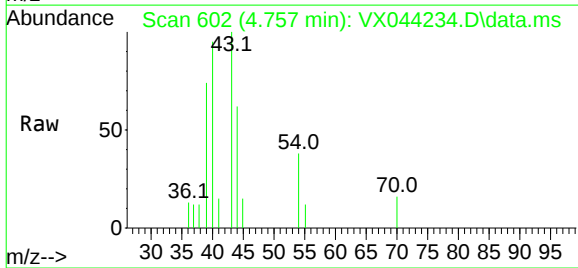
Tgt Ion:	75	Resp:	1641
Ion Ratio	Lower	Upper	
75	100		
110	0.0	17.3	51.7#
77	20.4	25.4	38.0#





#37
Ethyl Acetate
Concen: 0.692 ug/l m
RT: 4.757 min Scan# 602
Delta R.T. 0.037 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

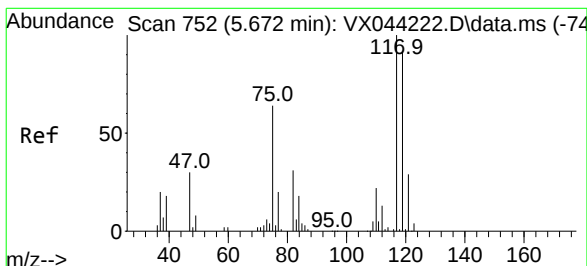
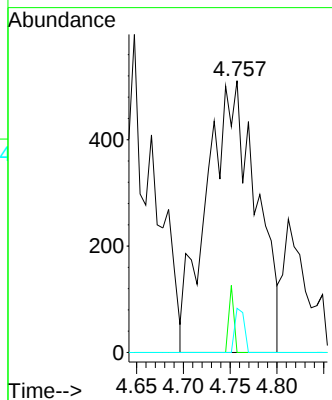
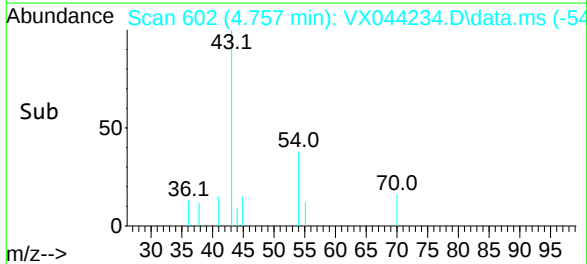
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	43	Resp:	1884
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8
70	3.1	7.7	11.5

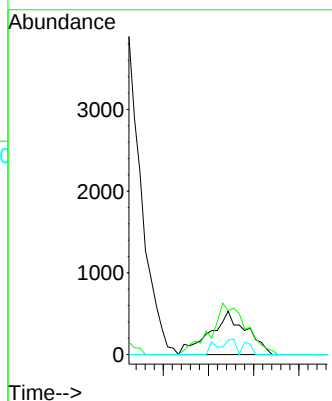
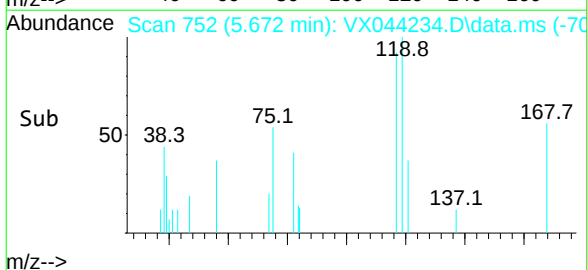
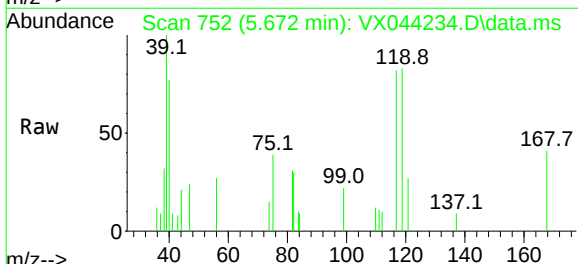
Manual Integrations
APPROVED

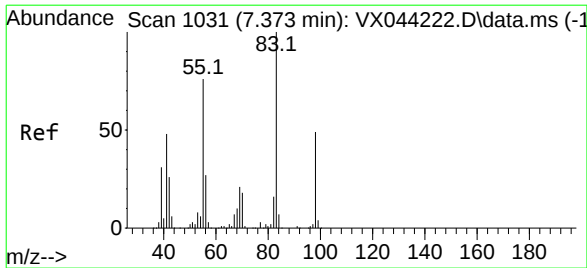
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 0.624 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

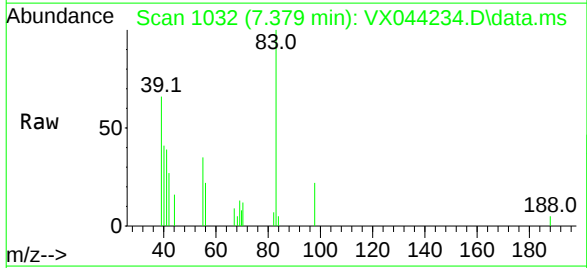
Tgt Ion:	117	Resp:	1480
Ion	Ratio	Lower	Upper
117	100		
119	100.9	74.2	111.4
121	32.9	23.0	34.6





#39
Methylcyclohexane
Concen: 0.840 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

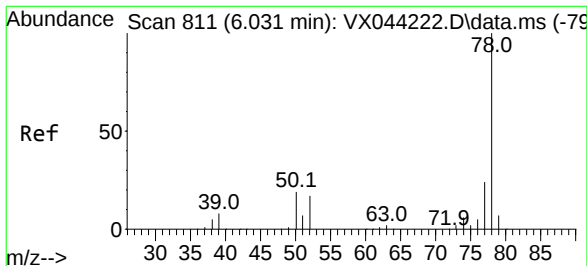
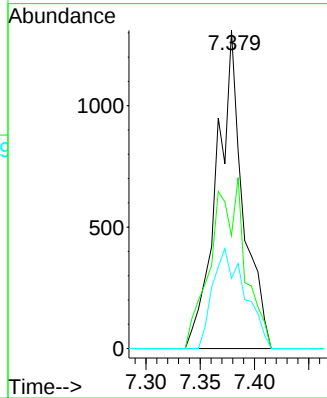
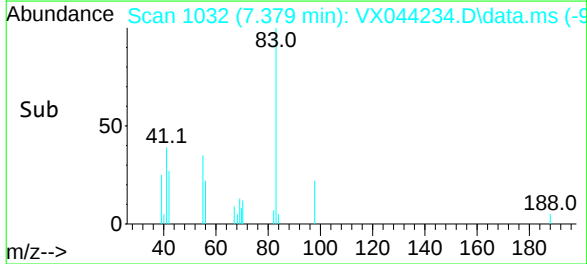
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 2211
Ion Ratio Lower Upper
83 100
55 35.5 60.7 91.1#
98 22.1 38.9 58.3#

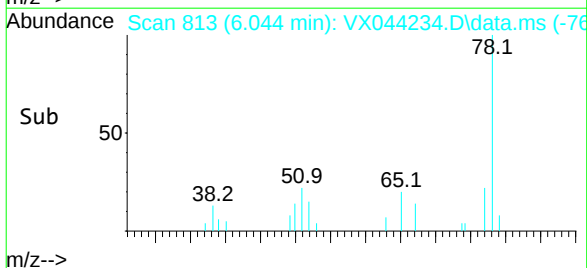
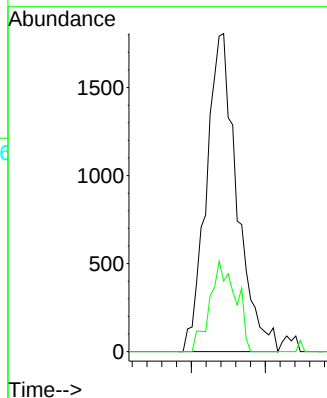
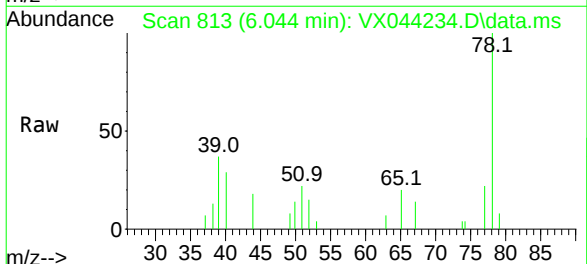
Manual Integrations
APPROVED

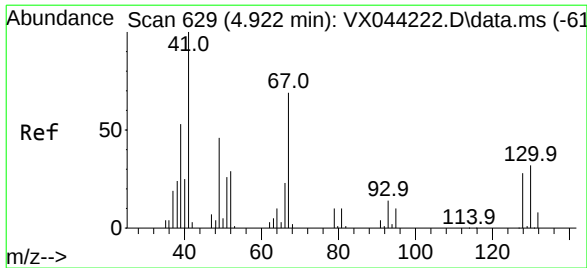
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 0.778 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

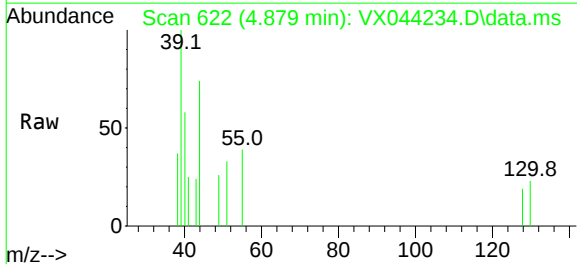
Tgt Ion: 78 Resp: 5204
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9





#41
Methacrylonitrile
Concen: 0.055 ug/l
RT: 4.879 min Scan# 62
Delta R.T. -0.043 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

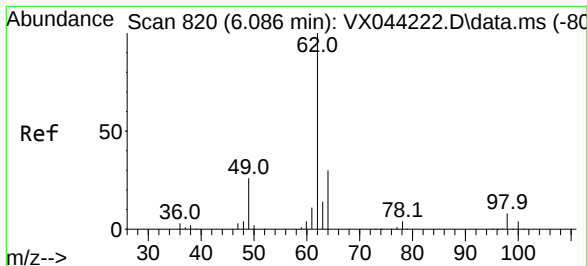
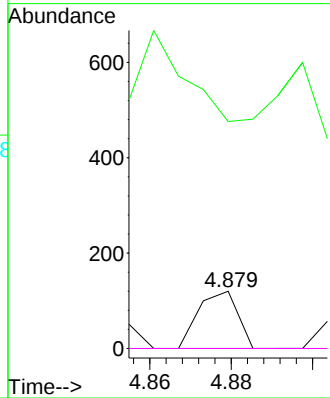
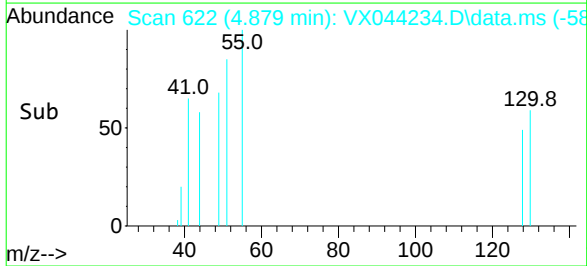
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	132.5	44.2	66.4
67	0.0	57.2	85.8
52	0.0	24.6	37.0

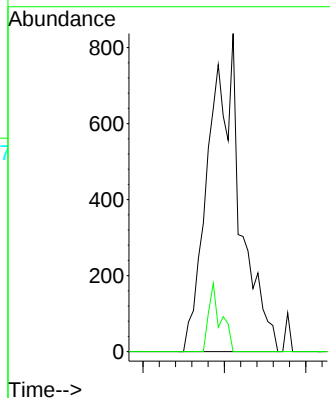
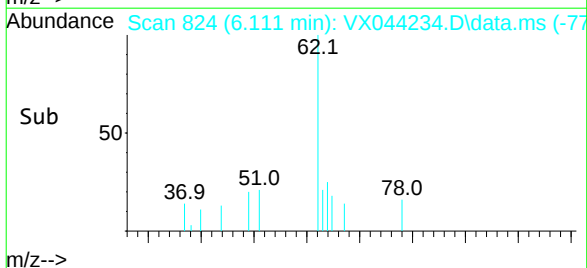
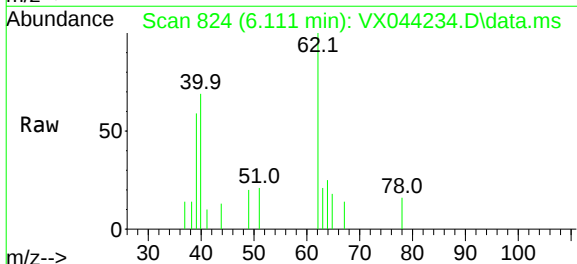
Manual Integrations
APPROVED

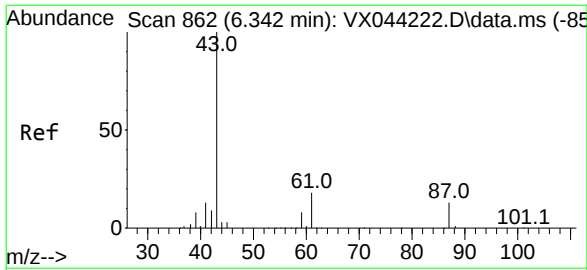
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 0.826 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.024 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.647 ug/l

RT: 6.355 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

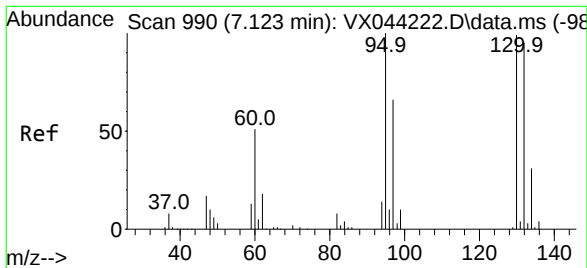
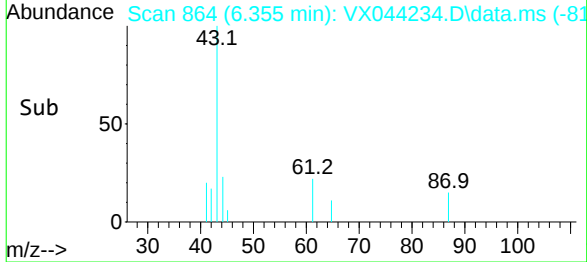
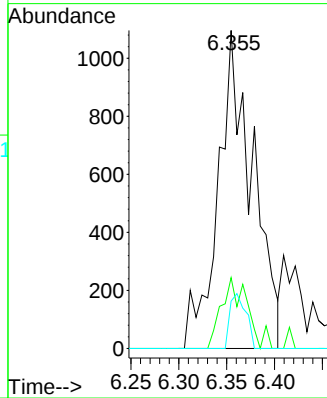
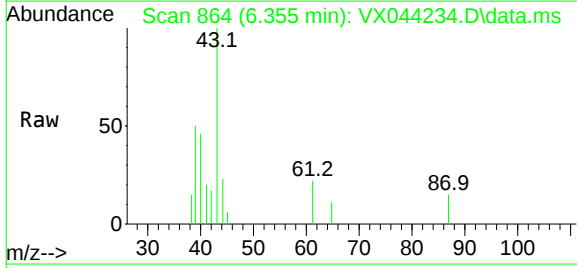
Tgt Ion:	43	Resp:	2754
Ion	Ratio	Lower	Upper
43	100		
61	15.7	14.2	21.2
87	8.1	10.2	15.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 0.717 ug/l

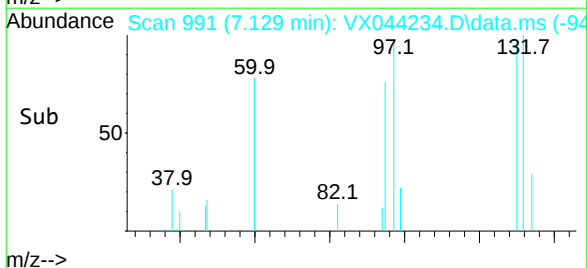
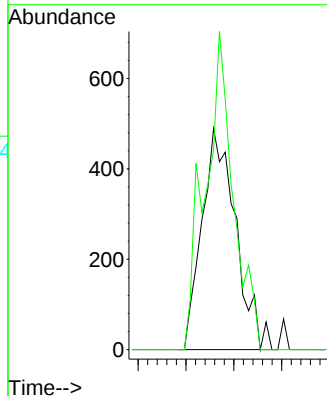
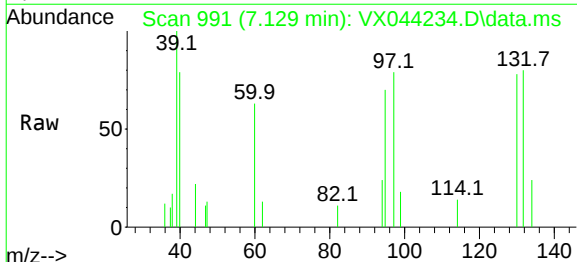
RT: 7.129 min Scan# 991

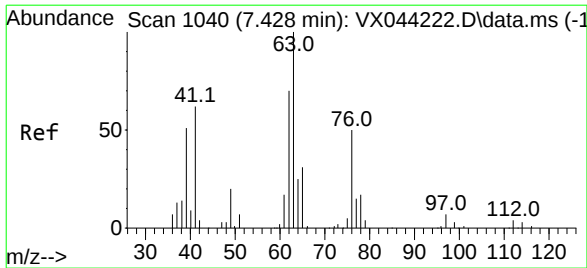
Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

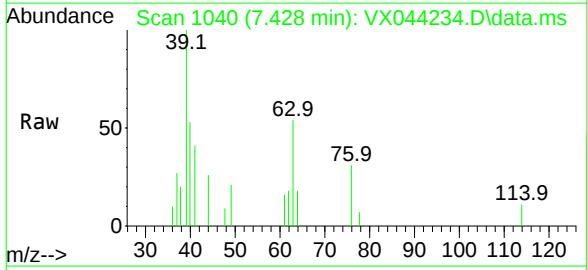
Tgt Ion:	130	Resp:	1196
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	201.4





#45
1,2-Dichloropropane
Concen: 0.618 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

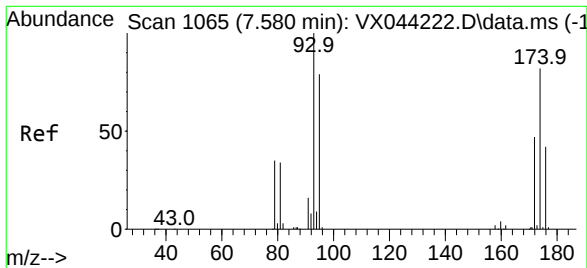
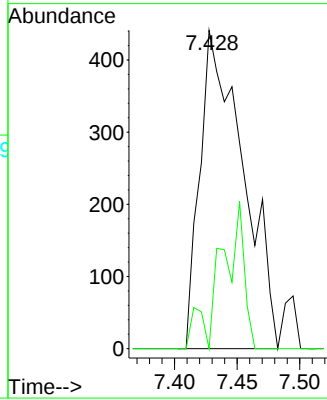
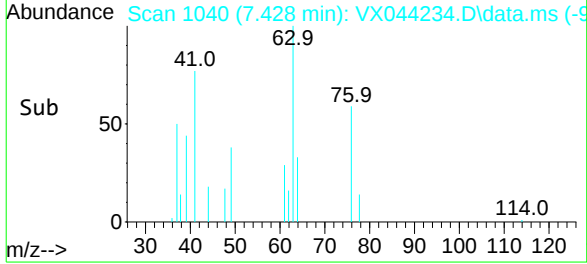
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



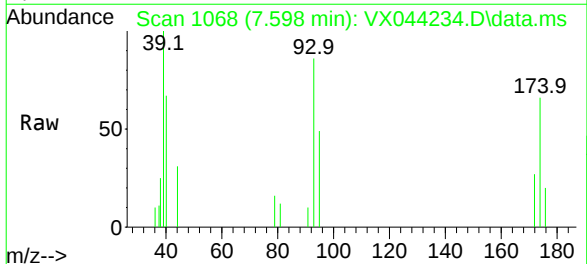
Tgt Ion: 63 Resp: 1055
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0

Manual Integrations
APPROVED

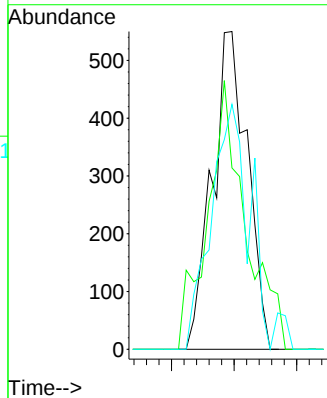
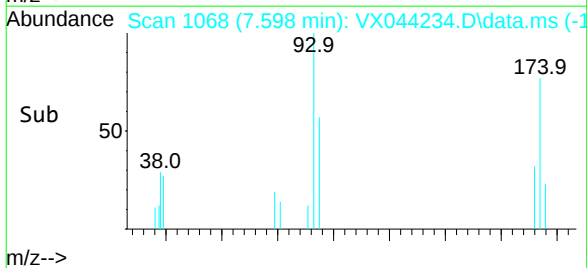
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 0.810 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion: 93 Resp: 1073
Ion Ratio Lower Upper
93 100
95 90.8 65.4 98.2
174 83.1 67.9 101.9





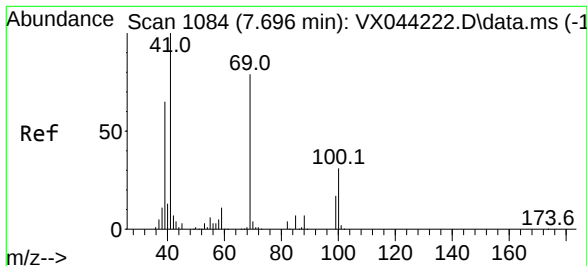
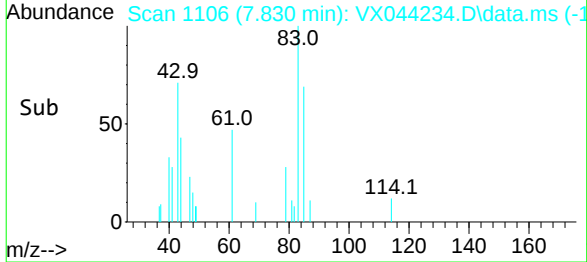
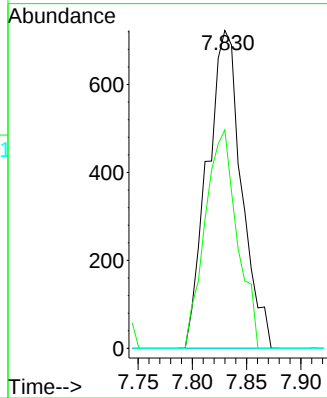
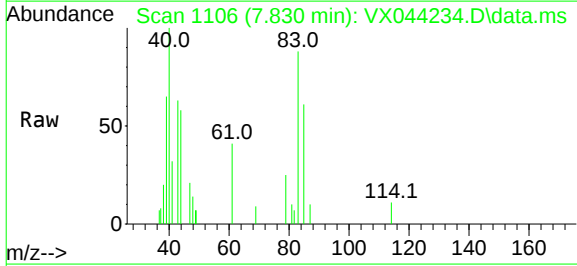
#47
Bromodichloromethane
Concen: 0.694 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 83	Resp: 1588
Ion Ratio	Lower Upper
83 100	
85 68.7	50.6 75.8
127 0.0	7.3 10.9

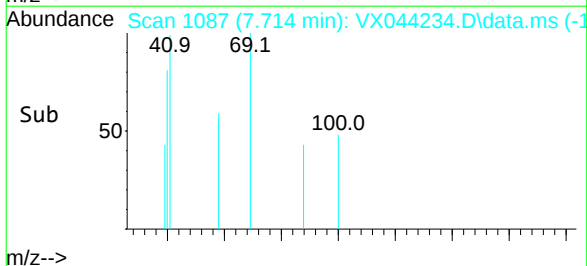
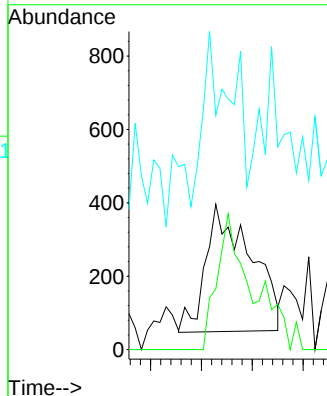
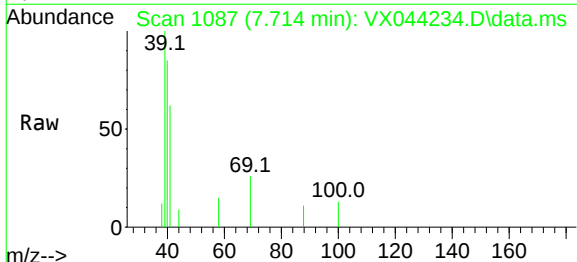
Manual Integrations
APPROVED

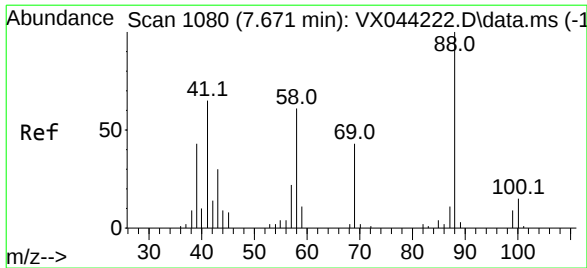
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 0.518 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

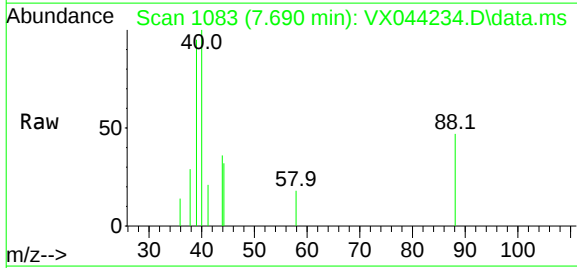
Tgt Ion: 41	Resp: 1069
Ion Ratio	Lower Upper
41 100	
69 64.6	62.4 93.6
39 60.0	53.3 79.9





#49
1,4-Dioxane
Concen: 5.694 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

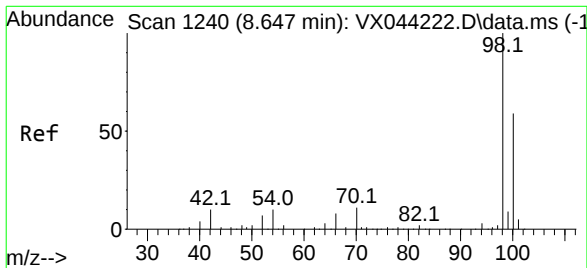
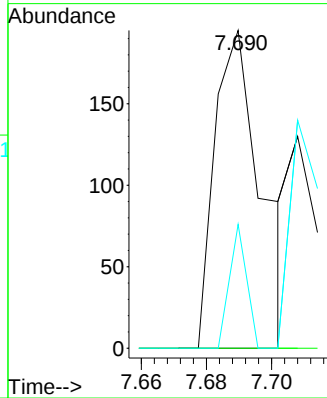
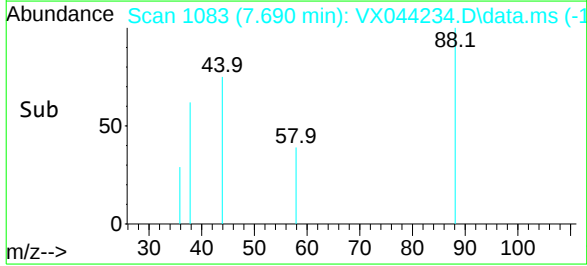
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 88 Resp: 195
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 14.4 41.0 61.4#

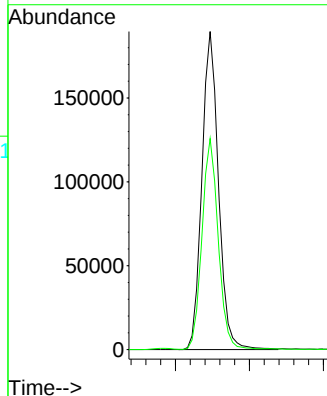
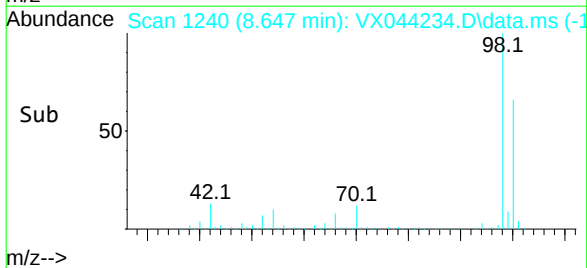
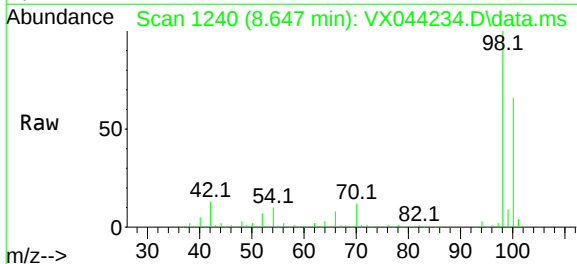
Manual Integrations
APPROVED

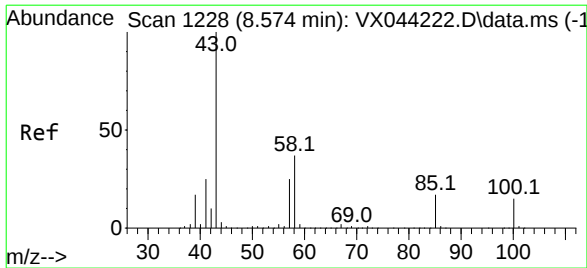
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 51.344 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion: 98 Resp: 295139
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3





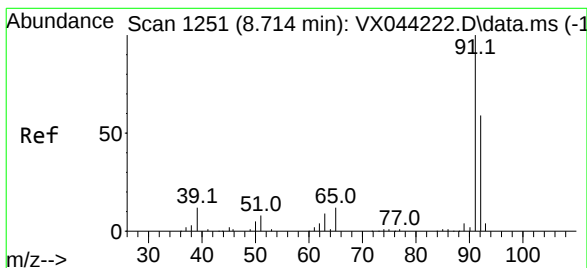
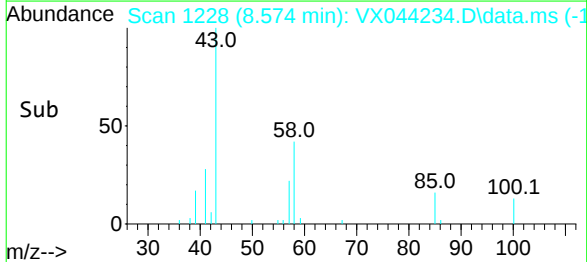
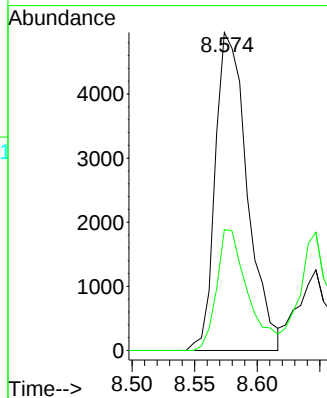
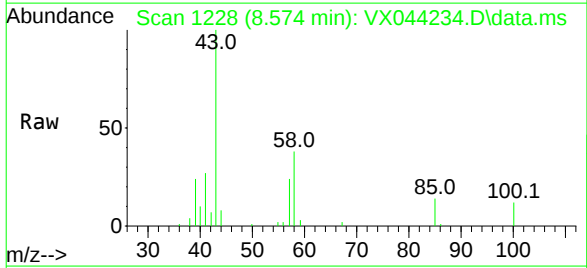
#51
4-Methyl-2-Pentanone
Concen: 3.230 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 43 Resp: 8838
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0

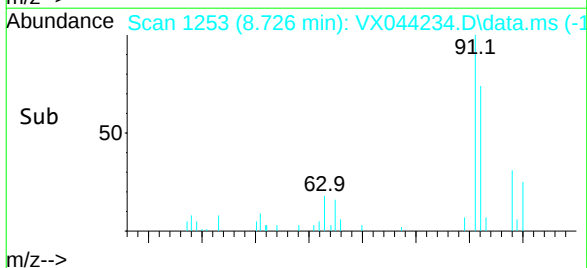
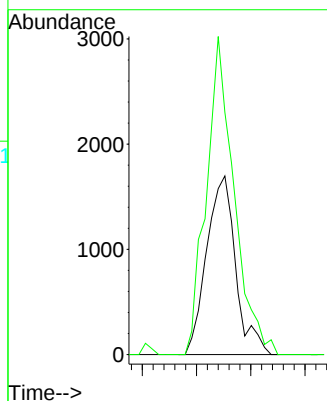
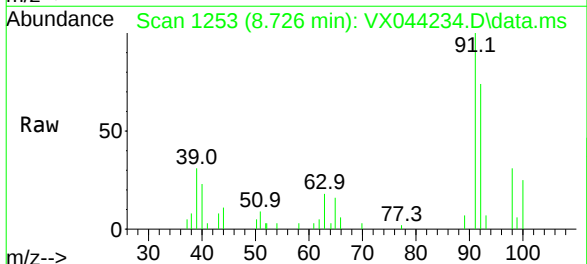
Manual Integrations
APPROVED

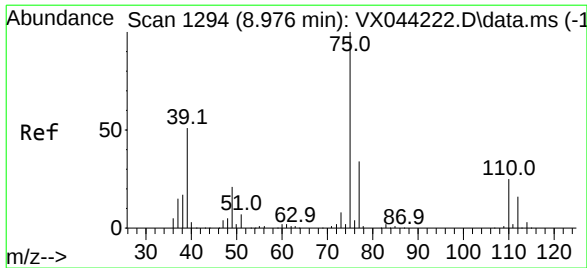
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 0.750 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

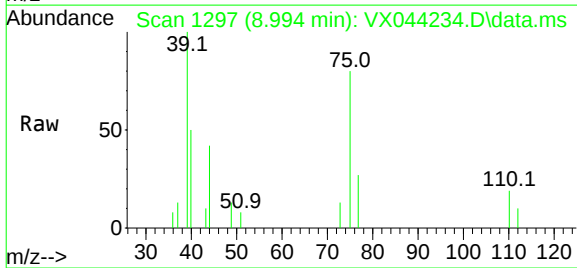
Tgt Ion: 92 Resp: 3151
Ion Ratio Lower Upper
92 100
91 170.4 137.0 205.6





#53
 t-1,3-Dichloropropene
 Concen: 0.510 ug/l
 RT: 8.994 min Scan# 1294
 Delta R.T. 0.018 min
 Lab File: VX044234.D
 Acq: 11 Dec 2024 17:41

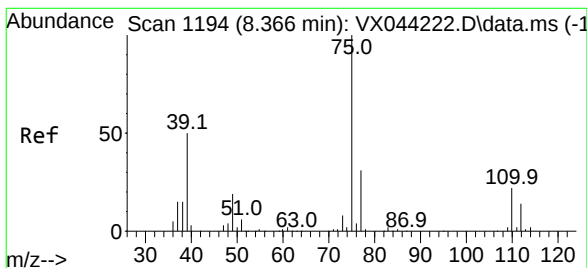
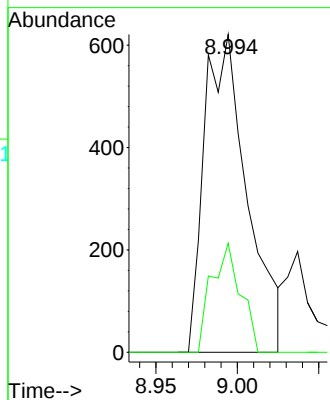
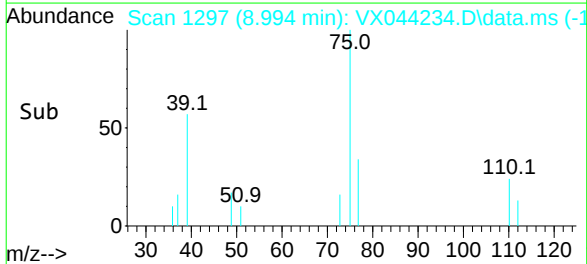
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



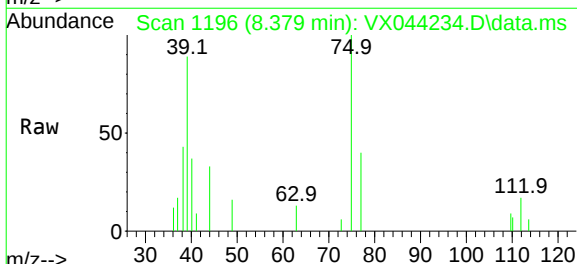
Tgt Ion: 75 Resp: 1142
 Ion Ratio Lower Upper
 75 100
 77 34.3 27.2 40.8

Manual Integrations
 APPROVED

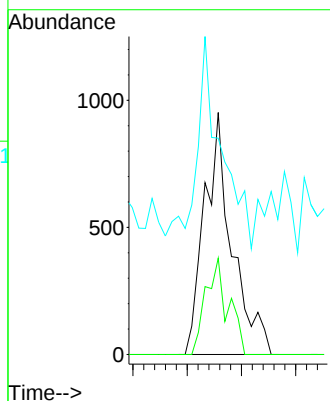
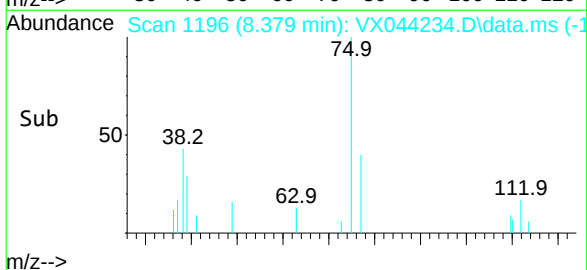
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

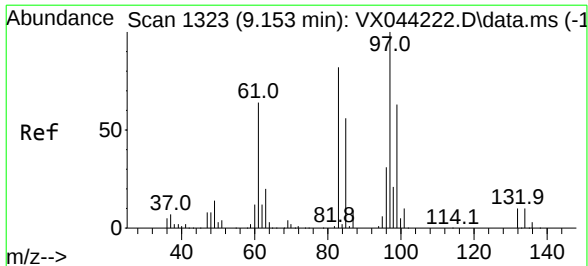


#54
 cis-1,3-Dichloropropene
 Concen: 0.670 ug/l
 RT: 8.379 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX044234.D
 Acq: 11 Dec 2024 17:41



Tgt Ion: 75 Resp: 1671
 Ion Ratio Lower Upper
 75 100
 77 39.8 24.7 37.1#
 39 33.6 40.3 60.5#





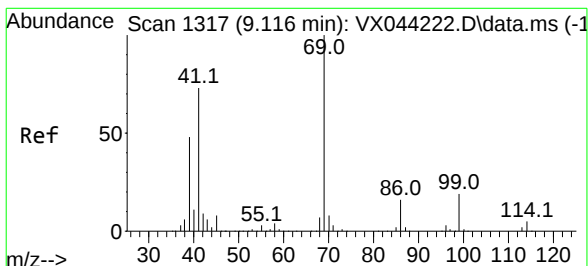
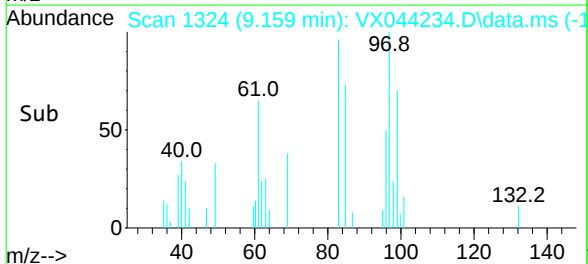
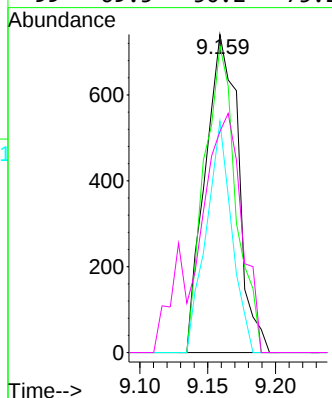
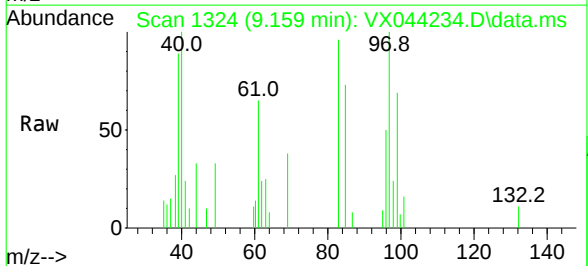
#55
1,1,2-Trichloroethane
Concen: 0.755 ug/l
RT: 9.159 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.4	65.3	97.9
85	72.7	44.6	67.0
99	69.5	50.2	75.2

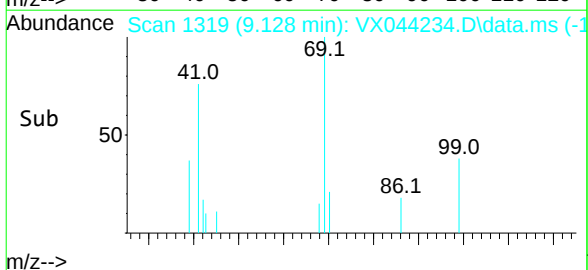
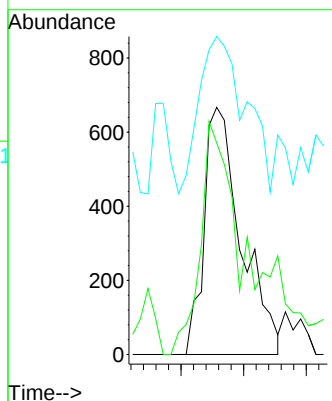
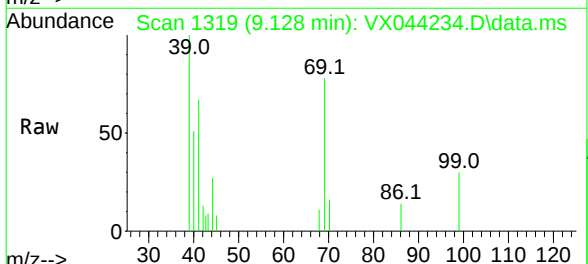
Manual Integrations
APPROVED

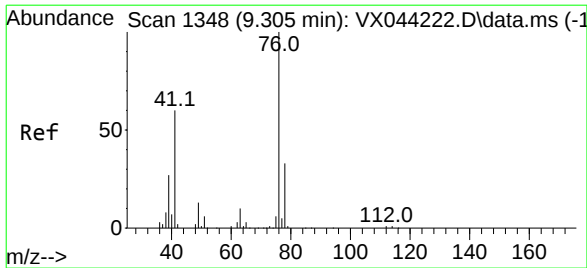
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#56
Ethyl methacrylate
Concen: 0.522 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

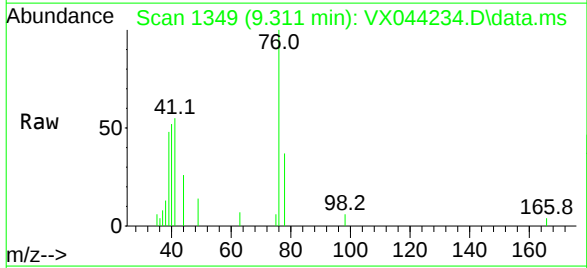
Tgt Ion	Ratio	Lower	Upper
69	100		
41	101.2	56.6	85.0
39	82.5	37.4	56.0





#57
1,3-Dichloropropane
Concen: 0.749 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

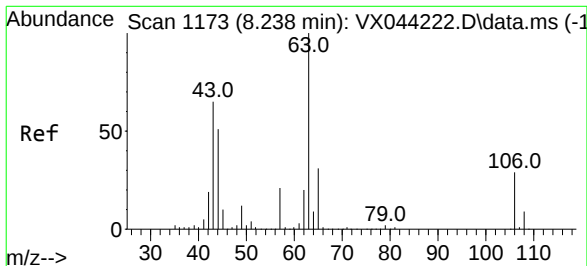
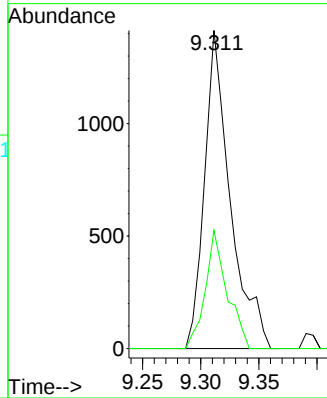
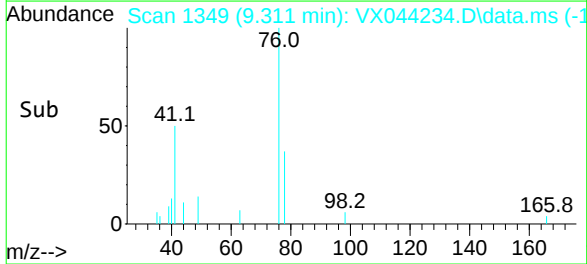
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 2176
Ion Ratio Lower Upper
76 100
78 31.4 26.5 39.7

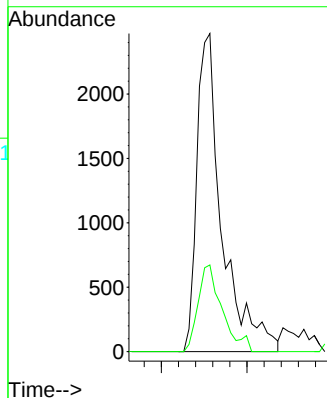
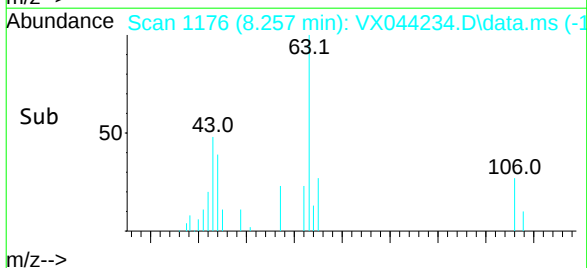
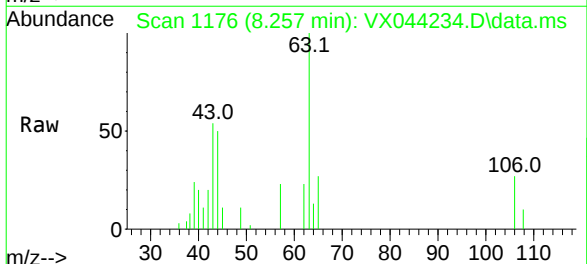
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 3.778 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion: 63 Resp: 5018
Ion Ratio Lower Upper
63 100
106 26.1 22.8 34.2





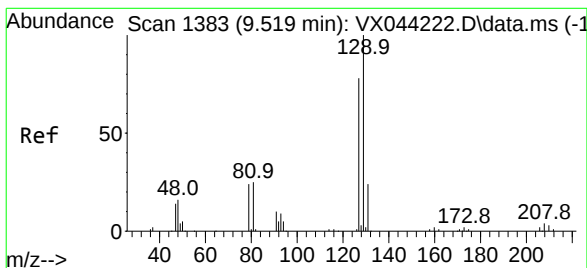
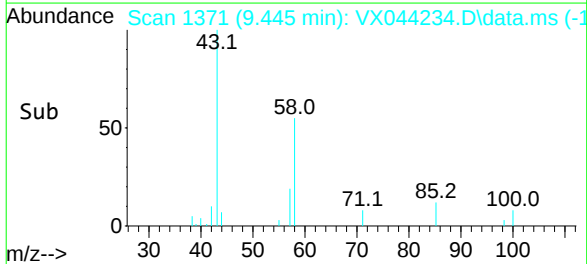
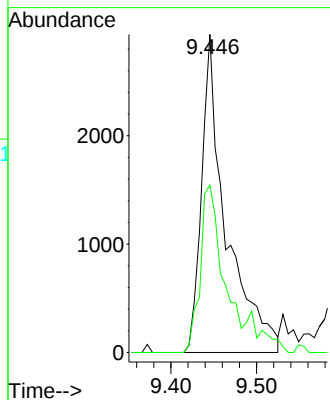
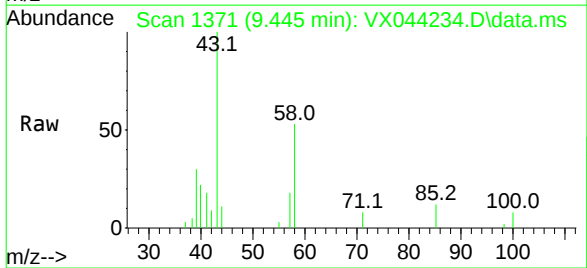
#59
2-Hexanone
Concen: 2.934 ug/l
RT: 9.445 min Scan# 1369
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion: 43 Resp: 5811
Ion Ratio Lower Upper
43 100
58 57.8 25.7 77.0

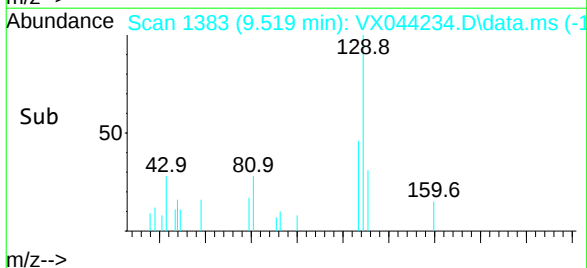
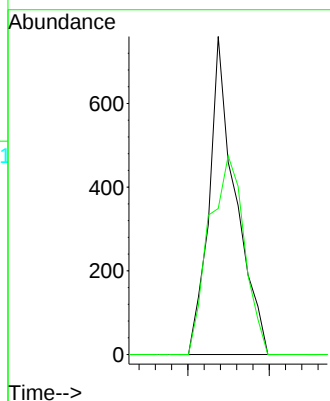
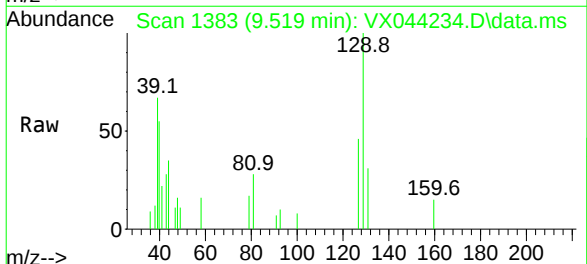
Manual Integrations
APPROVED

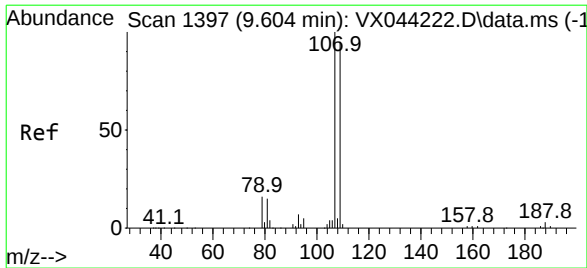
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 0.532 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

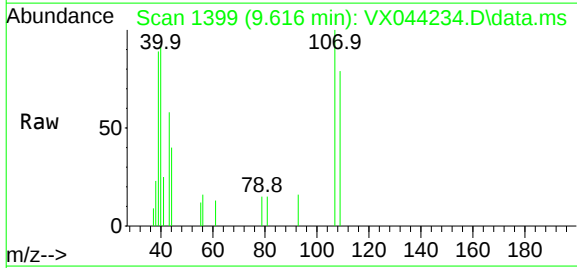
Tgt Ion:129 Resp: 852
Ion Ratio Lower Upper
129 100
127 83.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.654 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

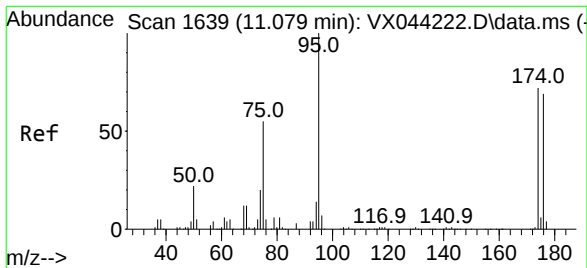
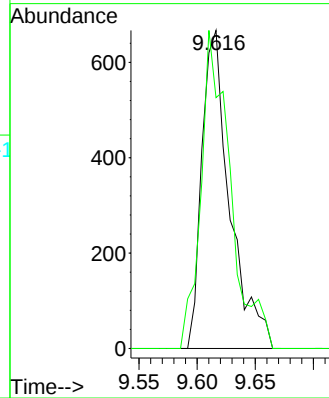
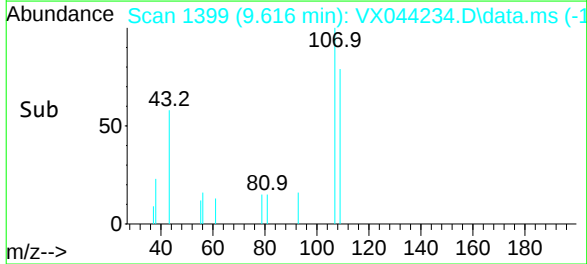
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



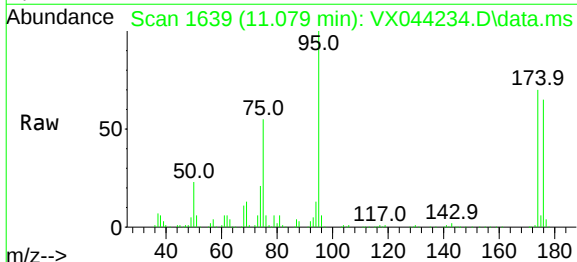
Tgt Ion: 107 Resp: 1111
Ion Ratio Lower Upper
107 100
109 105.3 77.0 115.4

Manual Integrations
APPROVED

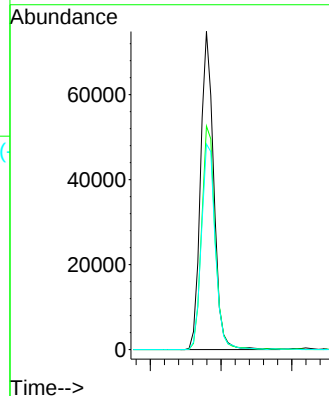
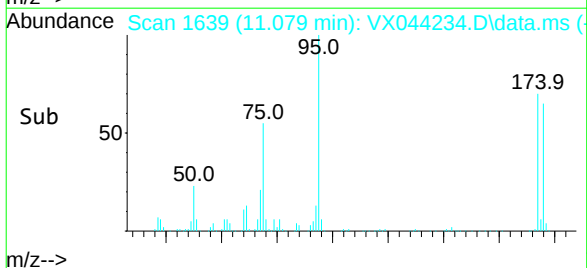
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

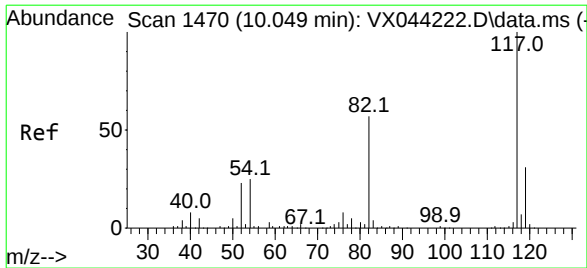


#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion: 95 Resp: 96753
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.8
176 68.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

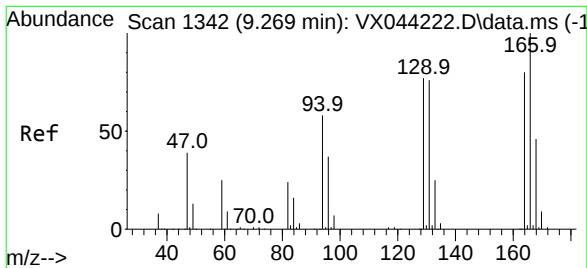
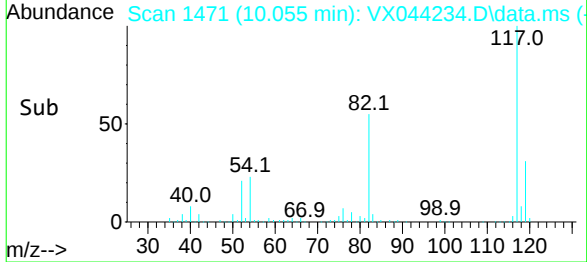
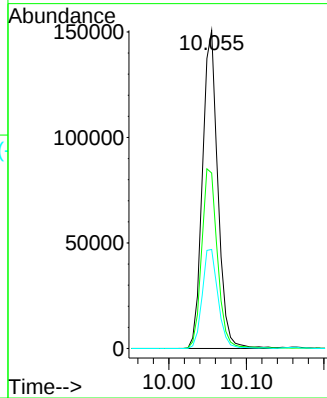
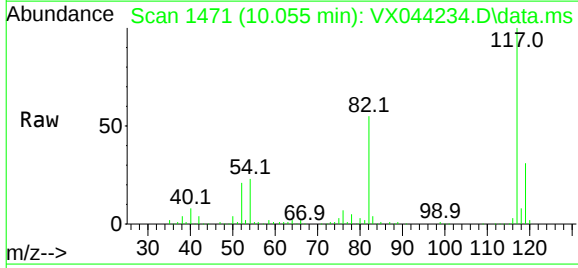
Tgt Ion:	117	Resp:	207517
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.8	68.8
119	31.1	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 0.960 ug/l

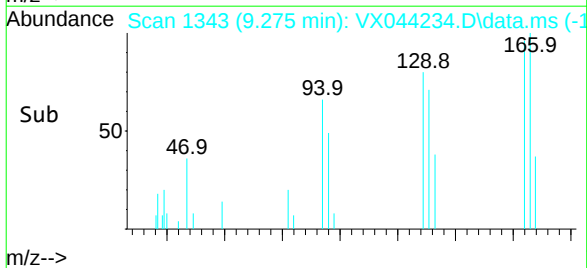
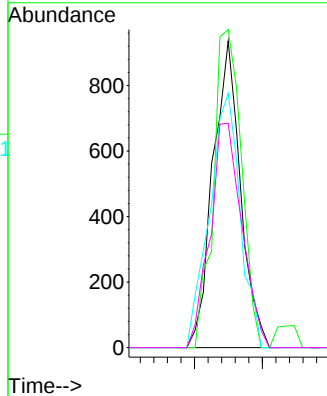
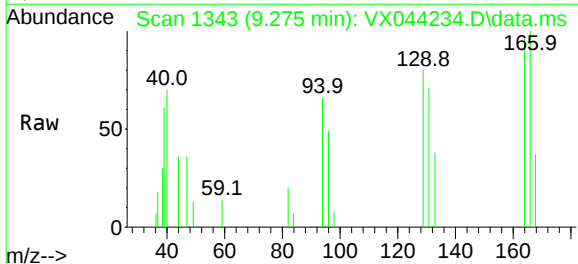
RT: 9.275 min Scan# 1343

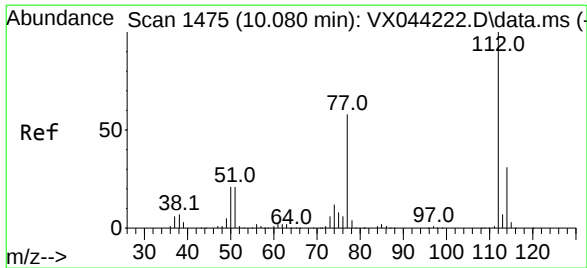
Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

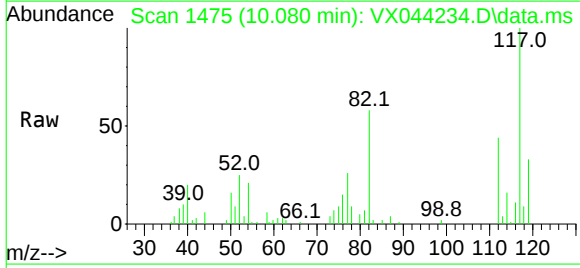
Tgt Ion:	164	Resp:	1322
Ion Ratio	Lower	Upper	
164	100		
166	103.7	100.4	150.6
129	82.9	77.2	115.8
131	73.2	76.2	114.2





#65
Chlorobenzene
Concen: 0.778 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

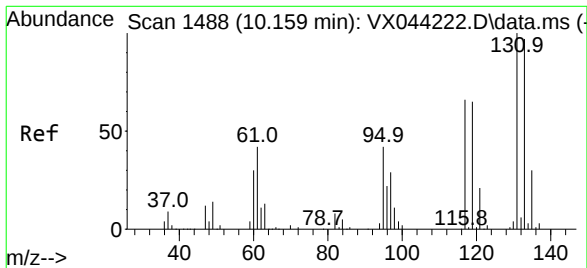
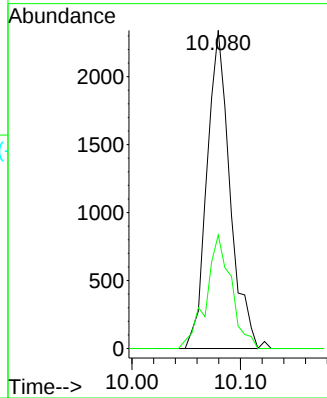
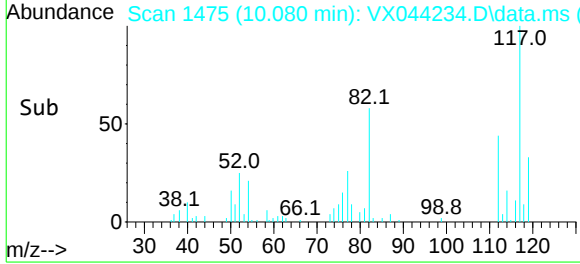
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:112 Resp: 3461
Ion Ratio Lower Upper
112 100
114 35.7 25.0 37.6

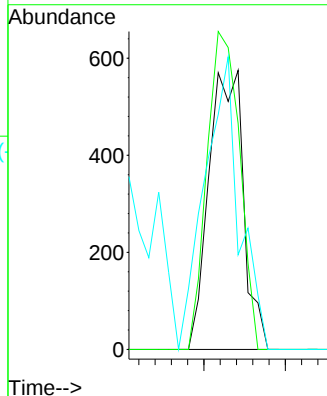
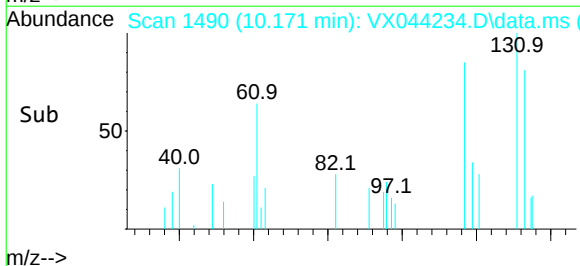
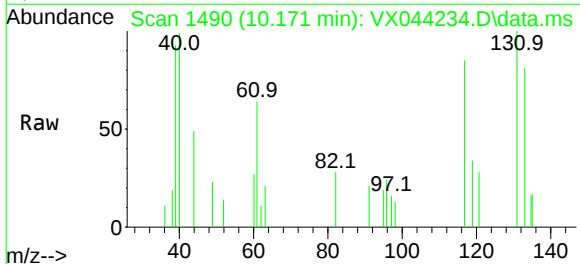
Manual Integrations
APPROVED

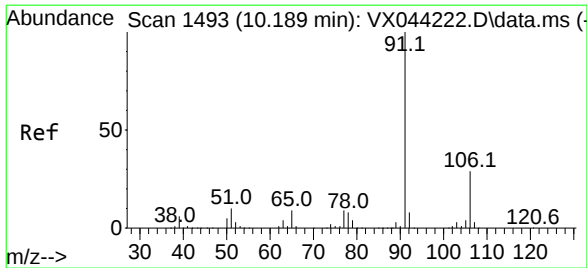
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.594 ug/l
RT: 10.171 min Scan# 1490
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

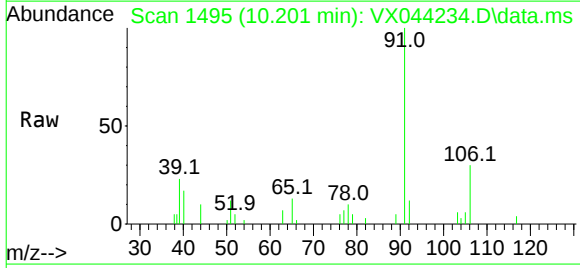
Tgt Ion:131 Resp: 849
Ion Ratio Lower Upper
131 100
133 107.5 47.3 141.8
119 0.0 31.6 95.0#





#67
Ethyl Benzene
Concen: 0.699 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

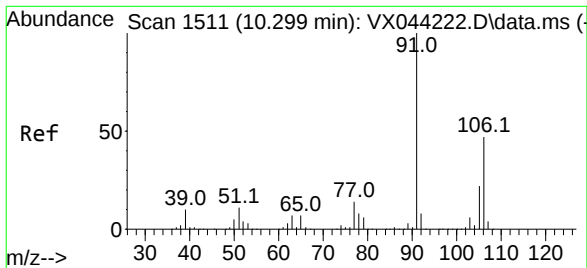
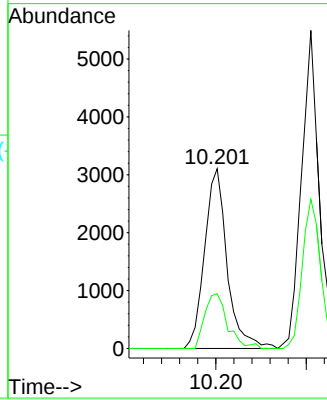
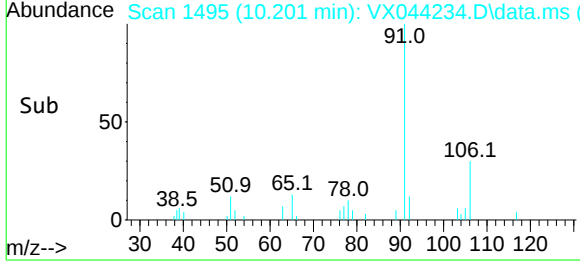
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



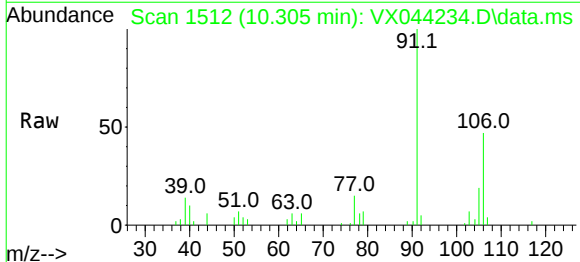
Tgt Ion: 91 Resp: 5373
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3

Manual Integrations
APPROVED

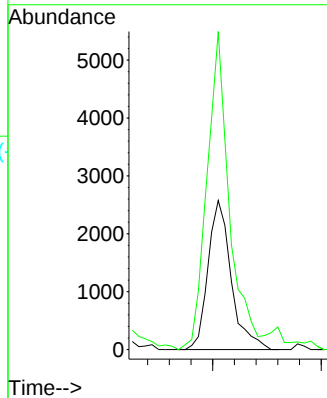
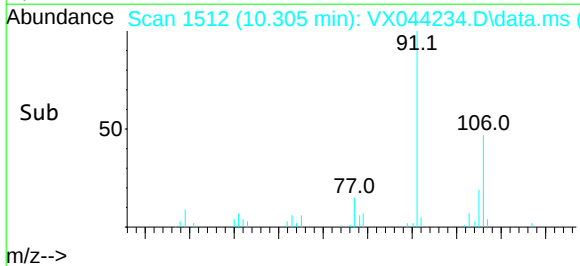
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

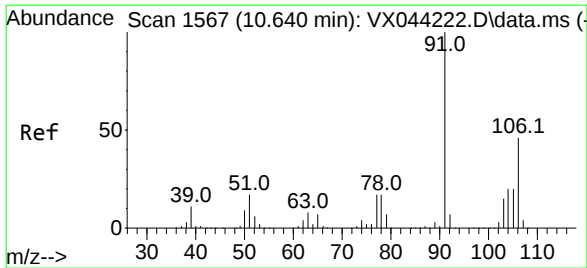


#68
m/p-Xylenes
Concen: 1.357 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion:106 Resp: 3827
Ion Ratio Lower Upper
106 100
91 207.0 170.2 255.2





#69

o-Xylene

Concen: 0.789 ug/l

RT: 10.647 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 2252

Ion Ratio Lower Upper

106 100

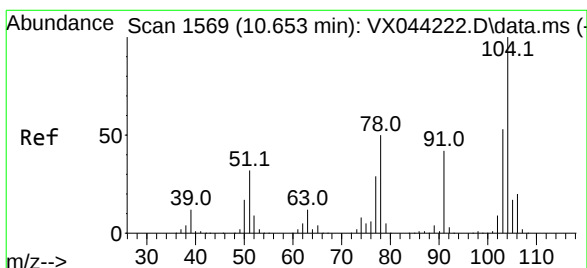
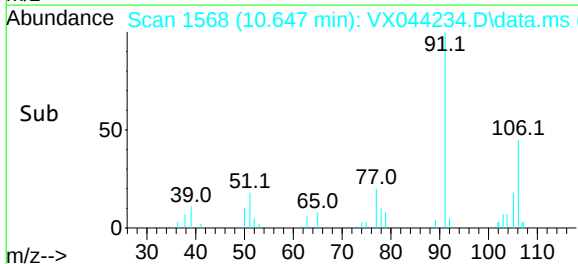
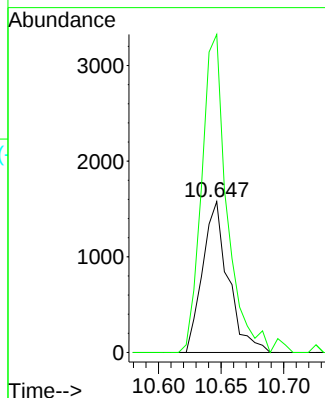
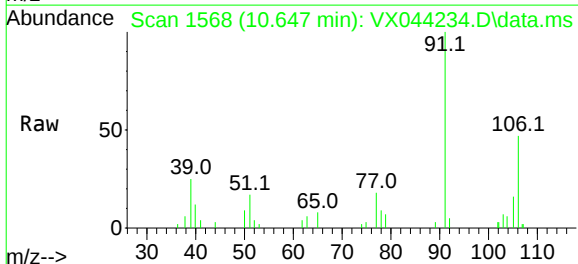
91 210.6 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 0.673 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

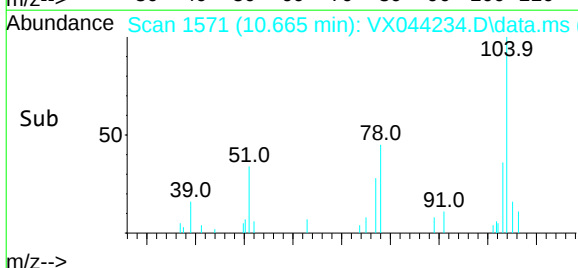
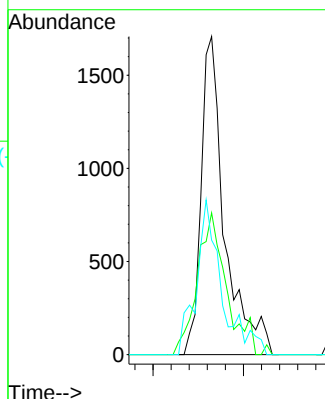
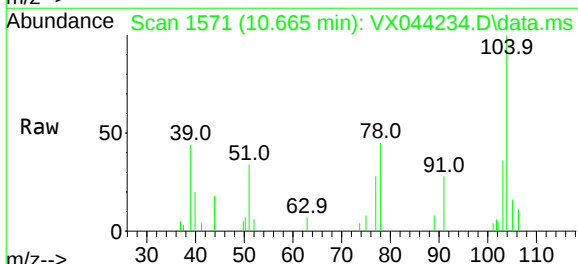
Tgt Ion:104 Resp: 3079

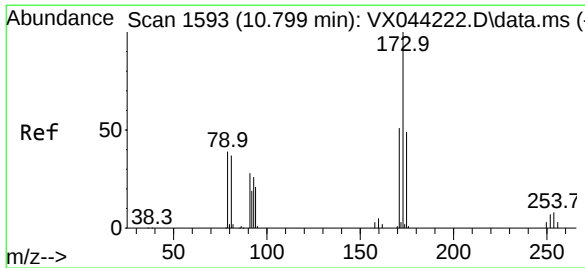
Ion Ratio Lower Upper

104 100

78 55.0 44.6 67.0

103 52.7 45.4 68.0





#71

Bromoform

Concen: 0.599 ug/l

RT: 10.805 min Scan# 1593

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

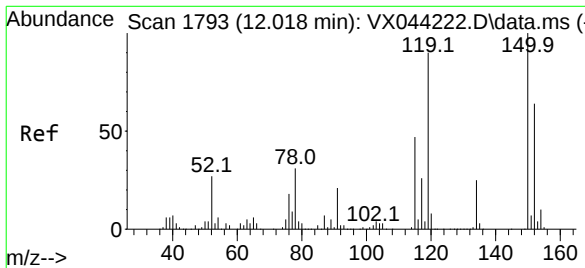
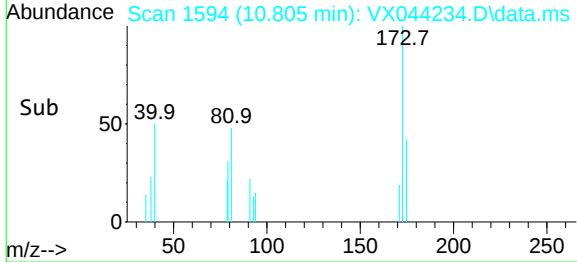
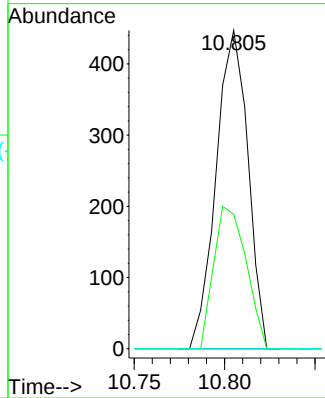
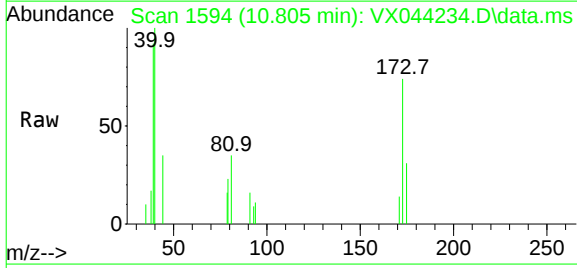
Tgt	Ion:173	Resp:	546
Ion	Ratio	Lower	Upper
173	100		
175	45.6	23.8	71.4
254	0.0	0.0	0.0

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

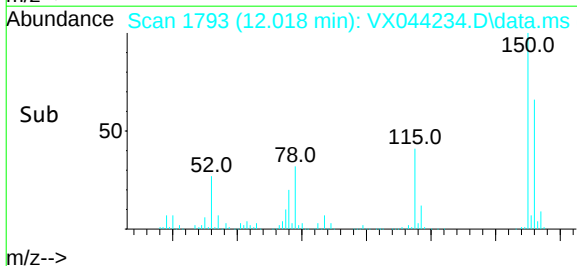
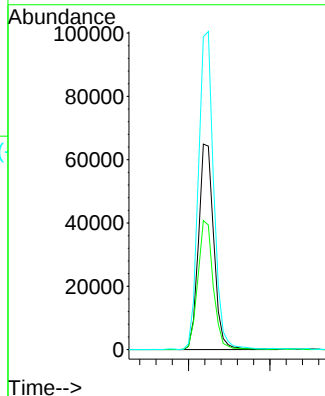
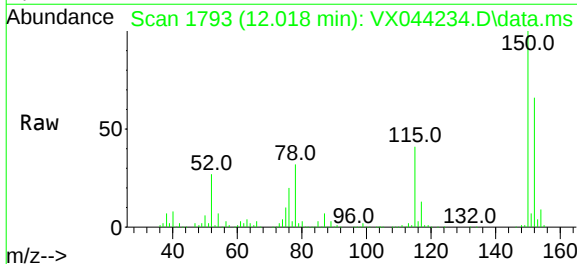
RT: 12.018 min Scan# 1793

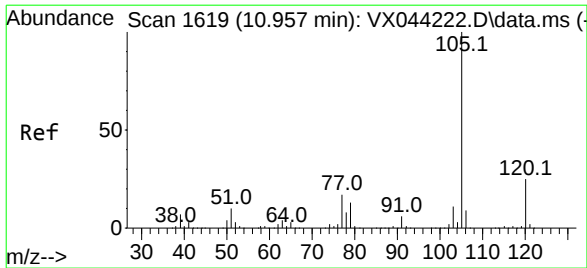
Delta R.T. -0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt	Ion:152	Resp:	84416
Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.5	133.3
150	155.8	0.0	353.8





#73

Isopropylbenzene

Concen: 0.755 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

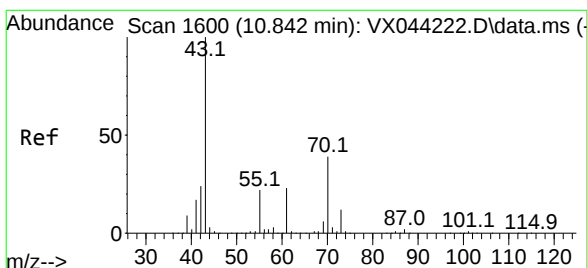
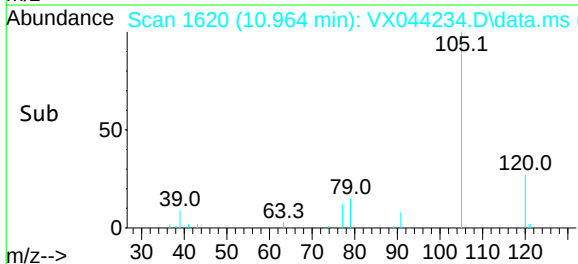
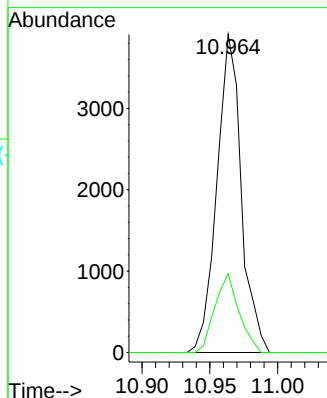
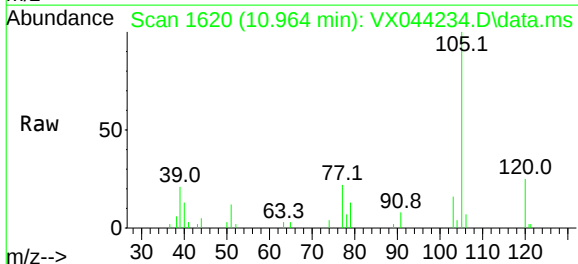
Tgt Ion: 105 Resp: 4882
 Ion Ratio Lower Upper
 105 100
 120 24.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 0.689 ug/l

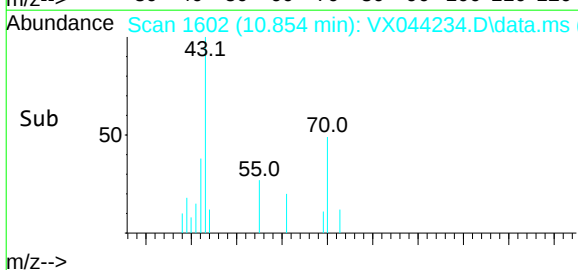
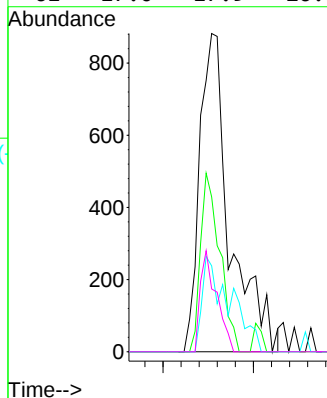
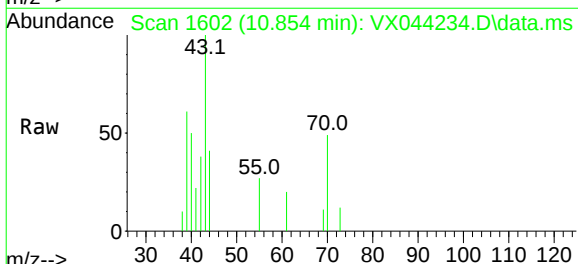
RT: 10.854 min Scan# 1602

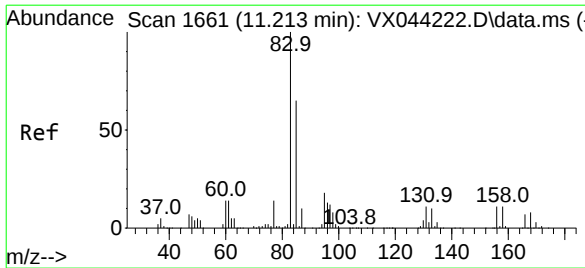
Delta R.T. 0.012 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion: 43 Resp: 2058
 Ion Ratio Lower Upper
 43 100
 70 35.6 31.9 47.9
 55 27.4 17.9 26.9#
 61 17.0 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.802 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

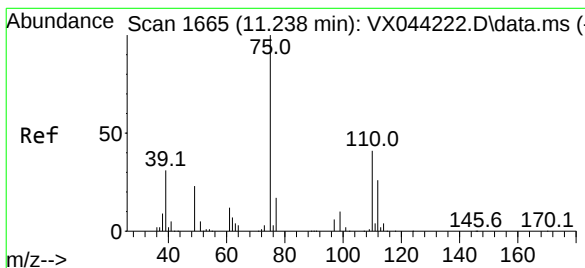
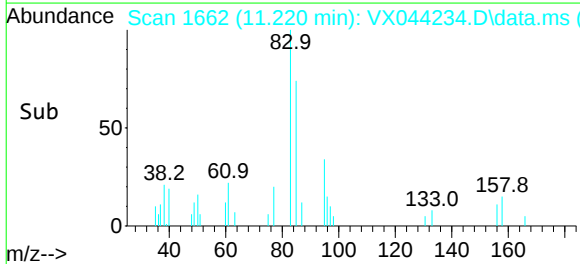
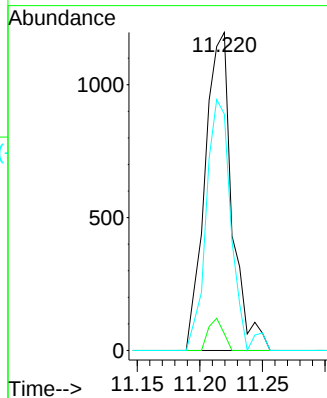
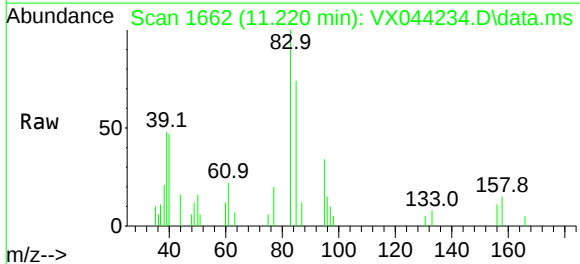
Tgt Ion:	83	Resp:	1801
Ion	Ratio	Lower	Upper
83	100		
131	5.6	5.1	15.4
85	73.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#76

1,2,3-Trichloropropane

Concen: 0.705 ug/l m

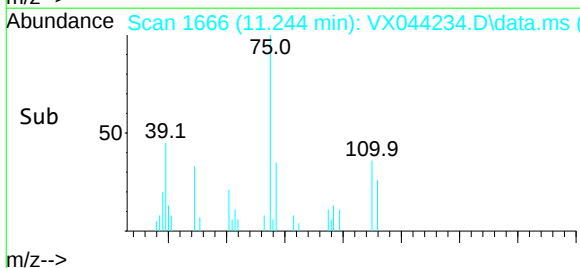
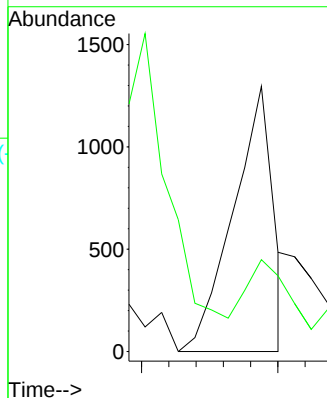
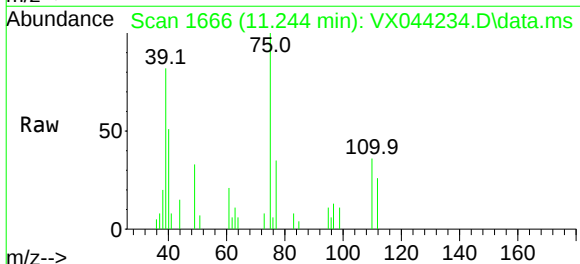
RT: 11.244 min Scan# 1666

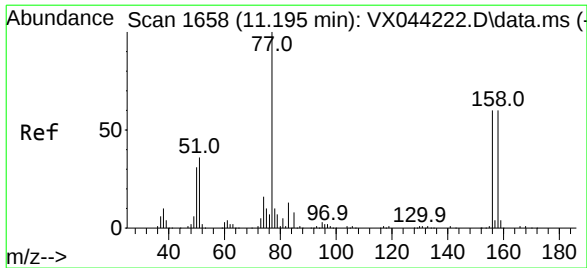
Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

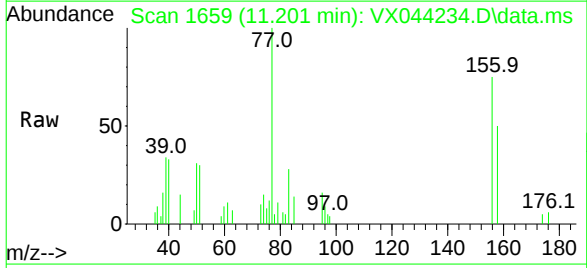
Tgt Ion:	75	Resp:	1328
Ion	Ratio	Lower	Upper
75	100		
77	50.9	20.9	62.7





#77
Bromobenzene
Concen: 0.805 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

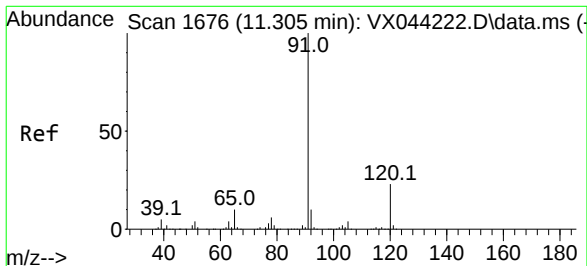
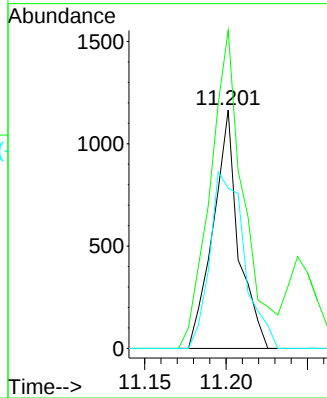
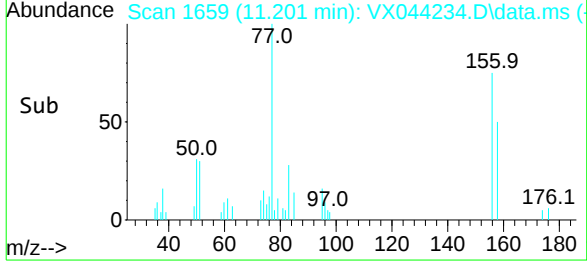
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 156 Resp: 1262
Ion Ratio Lower Upper
156 100
77 175.8 82.6 247.8
158 100.4 48.8 146.4

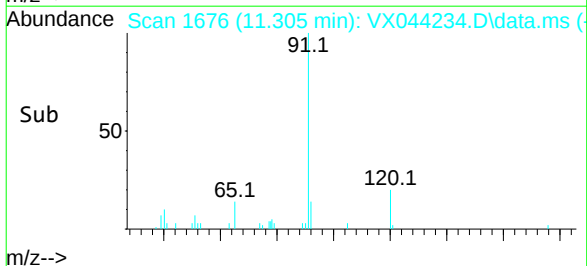
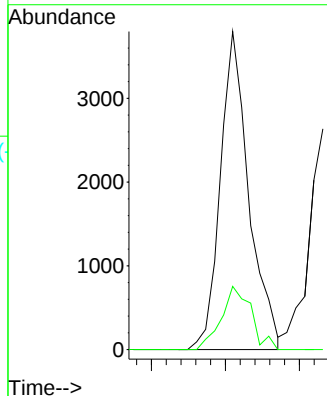
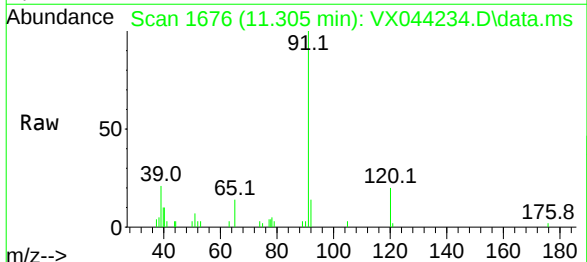
Manual Integrations
APPROVED

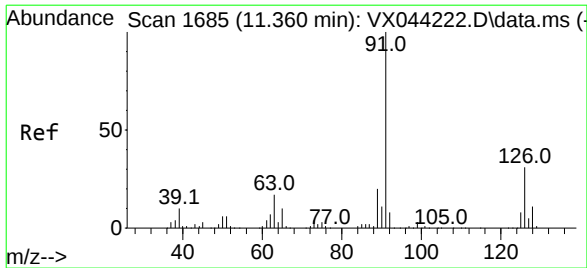
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 0.712 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion: 91 Resp: 5085
Ion Ratio Lower Upper
91 100
120 20.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.799 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 3690

Ion Ratio Lower Upper

91 100

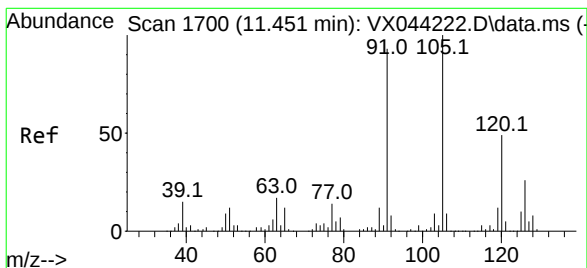
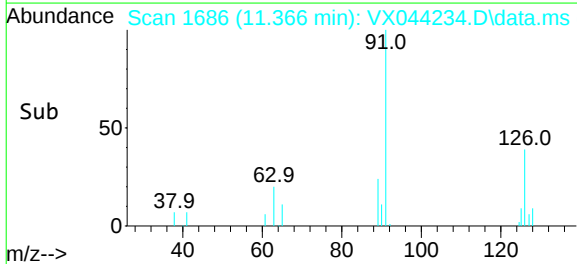
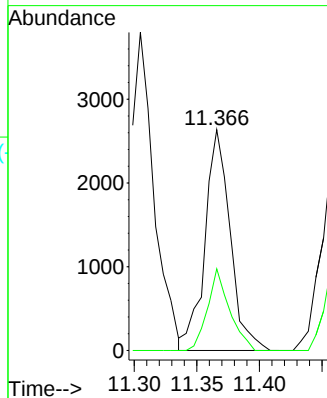
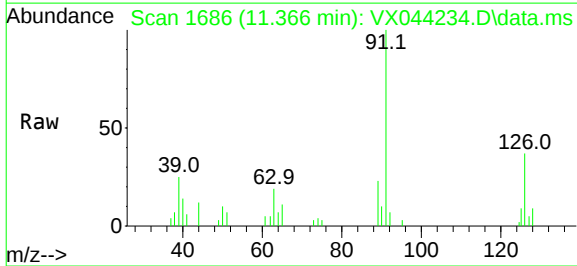
126 32.3 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.697 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044234.D

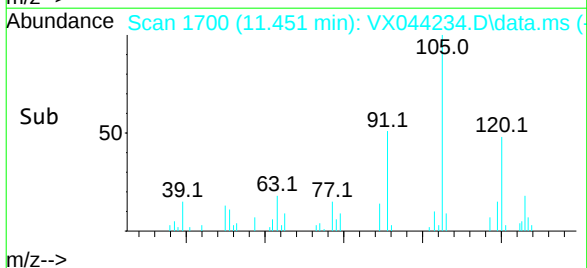
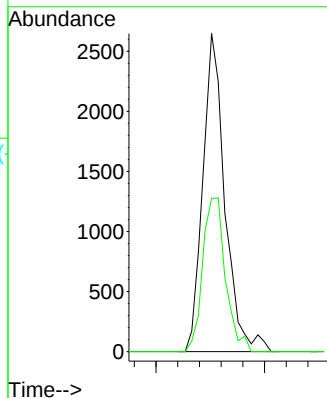
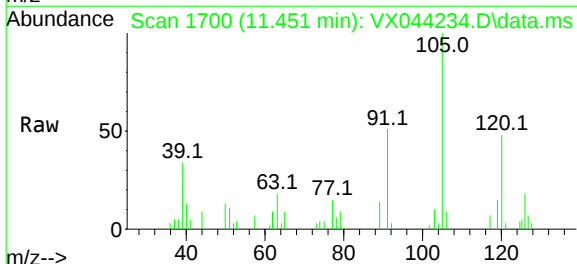
Acq: 11 Dec 2024 17:41

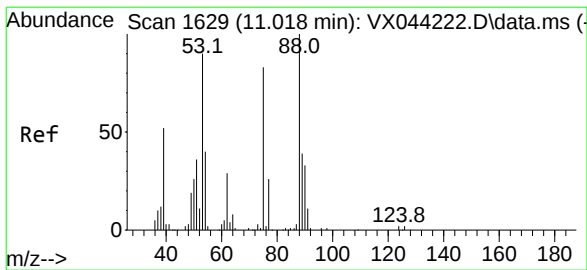
Tgt Ion:105 Resp: 3734

Ion Ratio Lower Upper

105 100

120 50.1 23.8 71.4





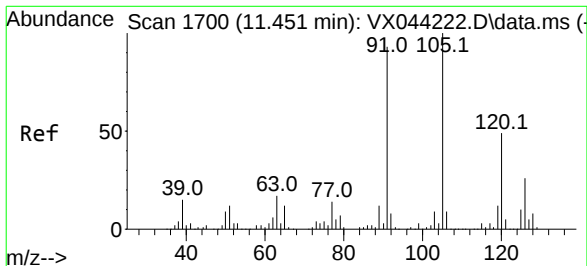
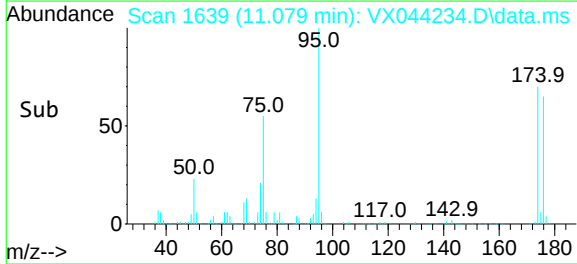
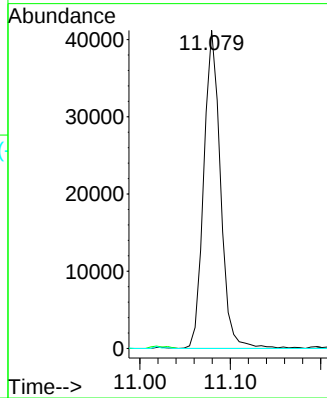
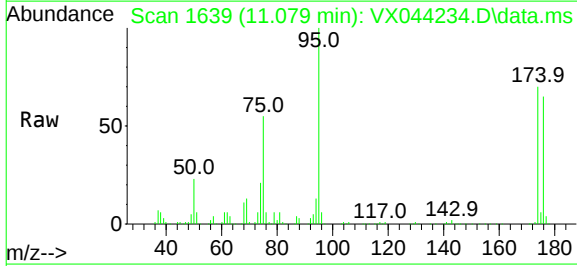
#81
trans-1,4-Dichloro-2-butene
Concen: 90.196 ug/l
RT: 11.079 min Scan# 1618
Delta R.T. 0.061 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

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

Tgt Ion	75	Resp	52896
Ion	Ratio	Lower	Upper
75	100		
53	0.0	93.6	140.4
89	0.0	37.3	55.9

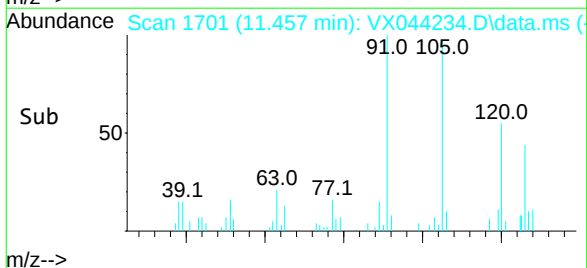
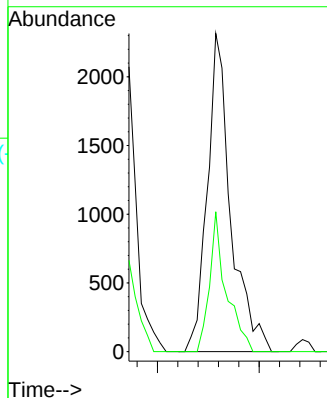
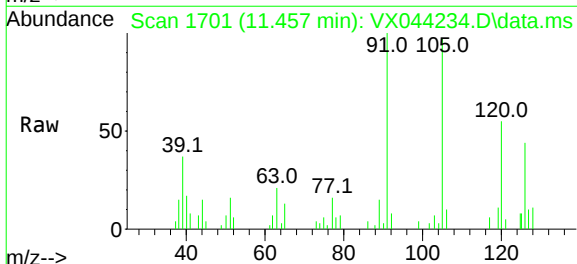
Manual Integrations
APPROVED

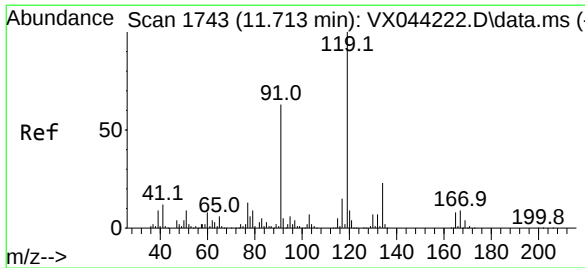
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 0.725 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion	91	Resp	3709
Ion	Ratio	Lower	Upper
91	100		
126	31.1	14.5	43.5





#83

tert-Butylbenzene

Concen: 0.682 ug/l

RT: 11.719 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

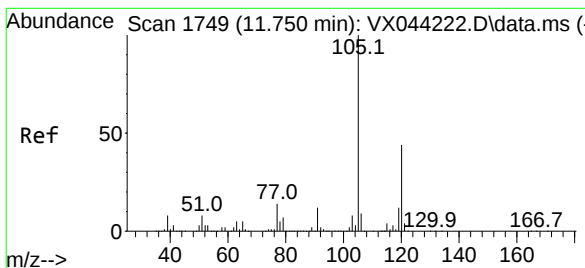
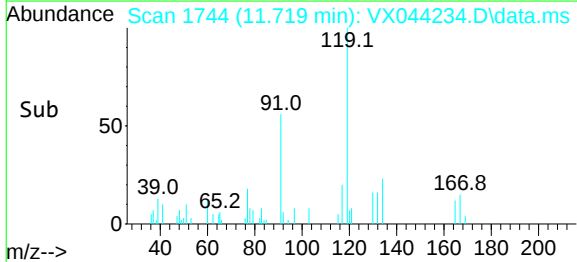
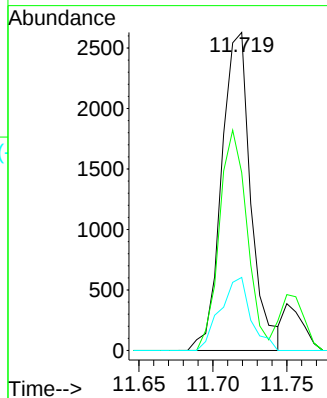
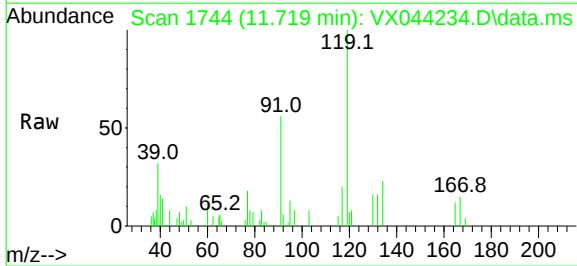
Tgt Ion:	119	Resp:	3612
Ion Ratio	Lower	Upper	
119	100		
91	65.6	30.9	92.5
134	23.9	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.673 ug/l

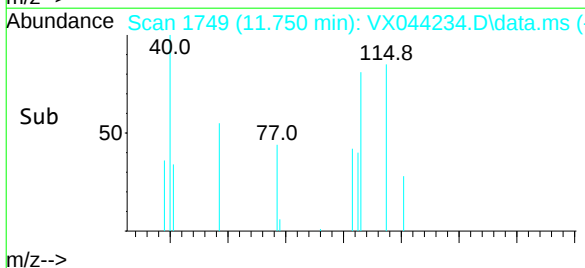
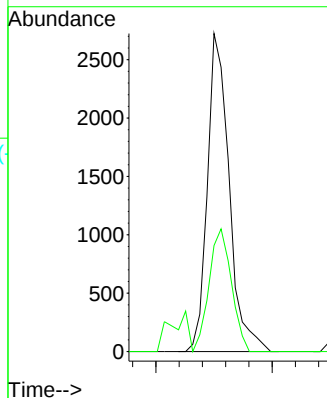
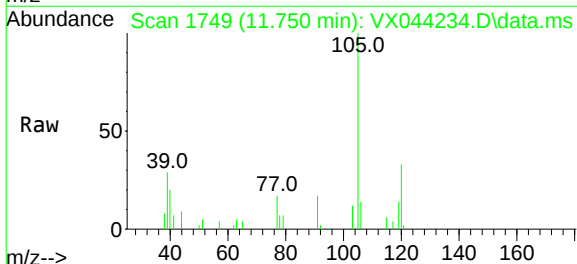
RT: 11.750 min Scan# 1749

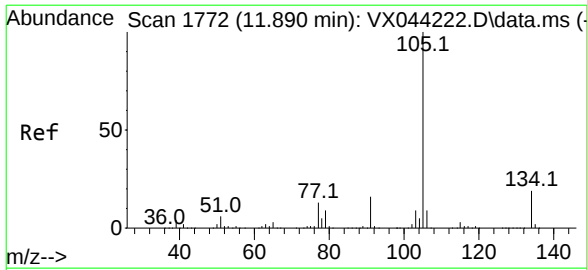
Delta R.T. 0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion:	105	Resp:	3540
Ion Ratio	Lower	Upper	
105	100		
120	39.6	21.7	65.1





#85

sec-Butylbenzene

Concen: 0.690 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

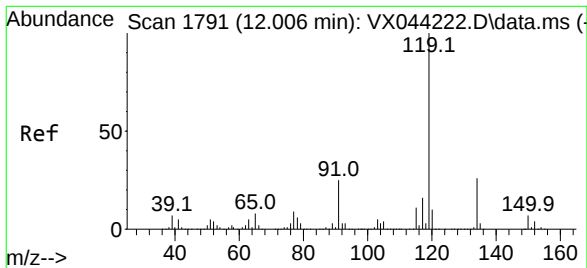
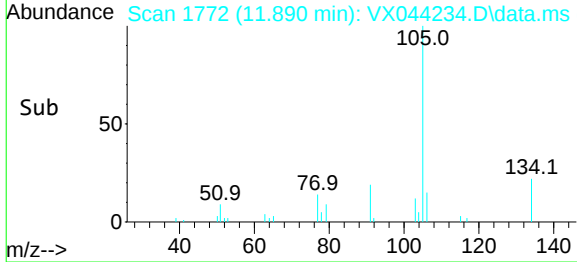
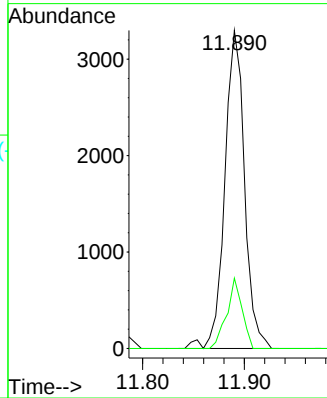
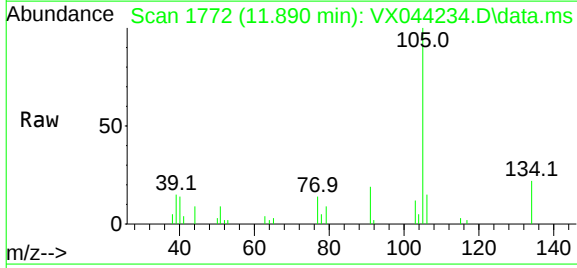
Tgt Ion:105 Resp: 4437
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 0.616 ug/l

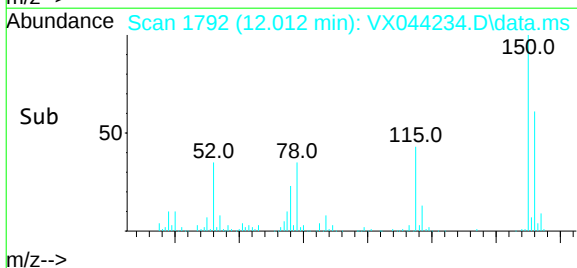
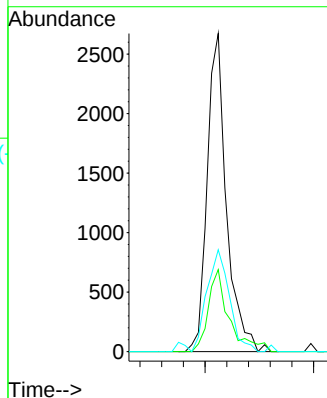
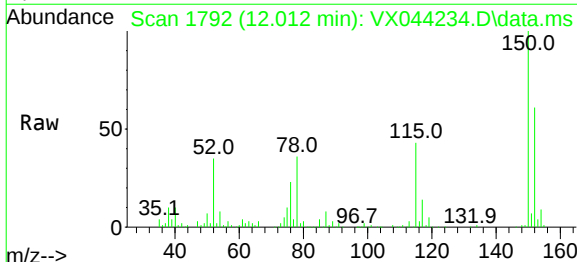
RT: 12.012 min Scan# 1792

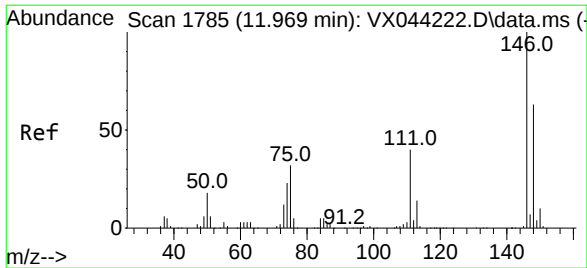
Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion:119 Resp: 3296
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.8 38.4
 91 38.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 0.791 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

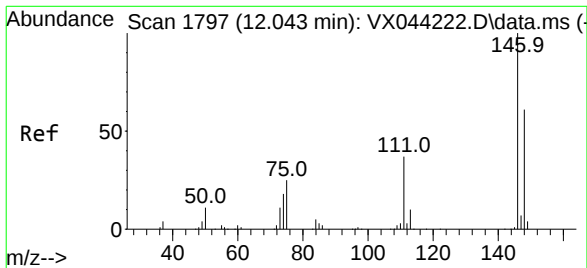
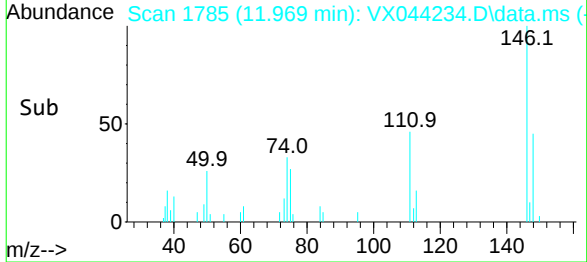
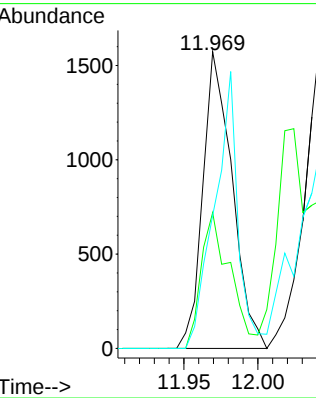
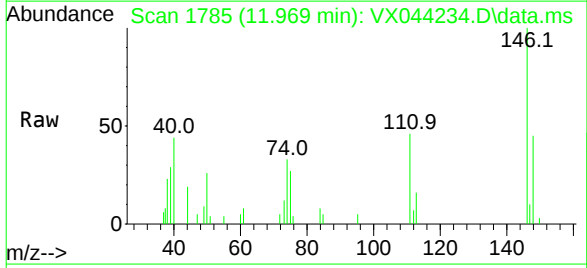
Tgt Ion:	146	Resp:	2164
Ion Ratio	Lower	Upper	
146	100		
111	45.5	21.4	64.2
148	75.8	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 0.736 ug/l m

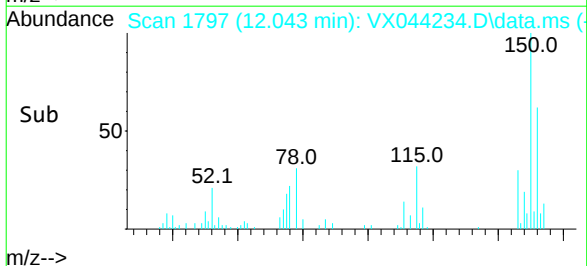
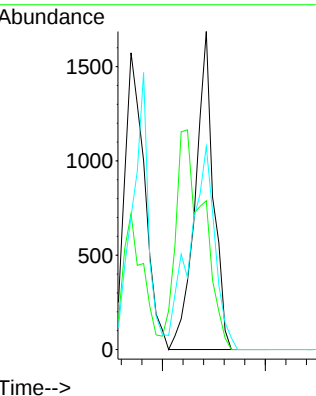
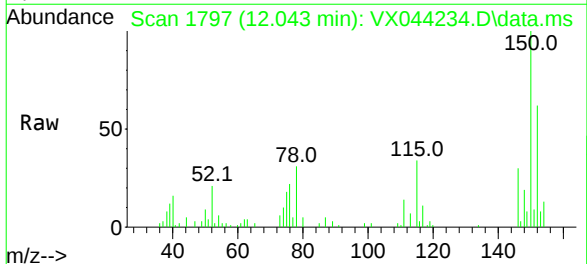
RT: 12.043 min Scan# 1797

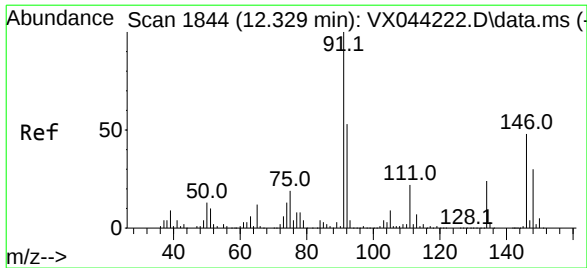
Delta R.T. -0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

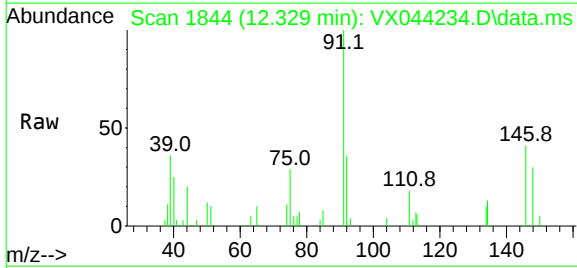
Tgt Ion:	146	Resp:	2072
Ion Ratio	Lower	Upper	
146	100		
111	47.5	21.0	63.0
148	79.2	32.3	96.8





#89
n-Butylbenzene
Concen: 0.598 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

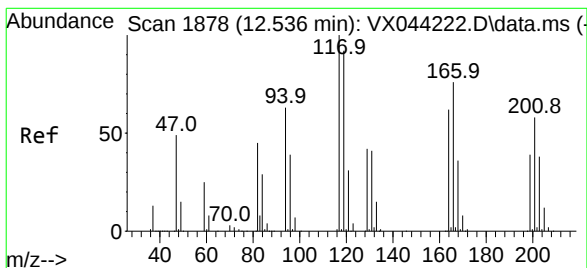
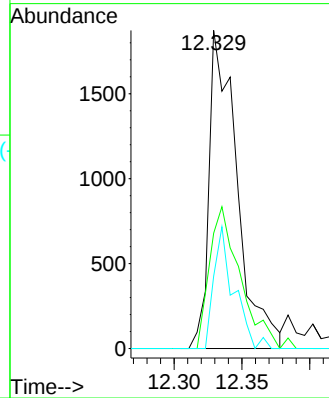
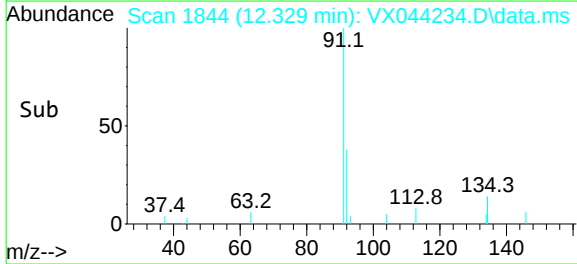
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 91 Resp: 2691
Ion Ratio Lower Upper
91 100
92 49.5 26.6 79.7
134 27.3 12.6 37.8

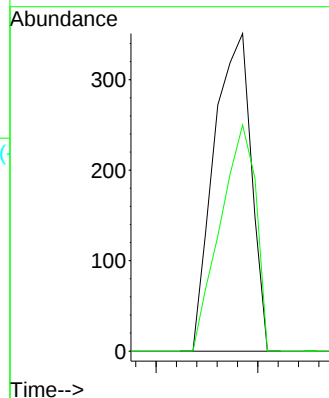
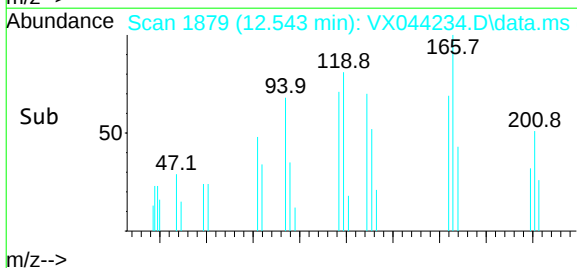
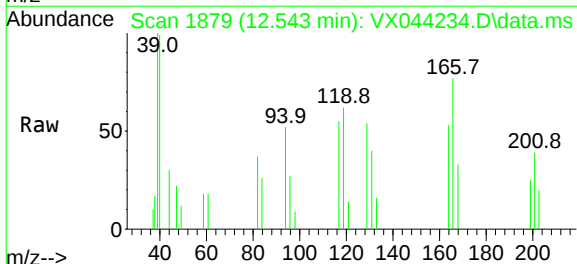
Manual Integrations
APPROVED

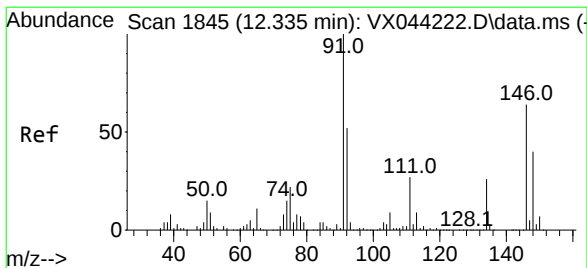
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#90
Hexachloroethane
Concen: 0.571 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

Tgt Ion:117 Resp: 446
Ion Ratio Lower Upper
117 100
201 68.2 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 0.749 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044234.D

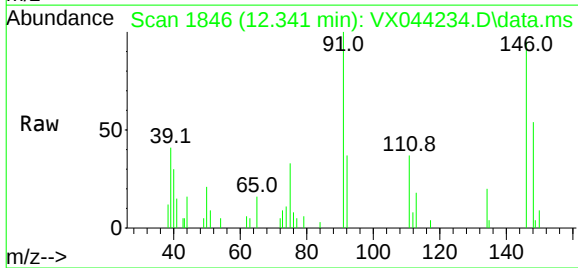
Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



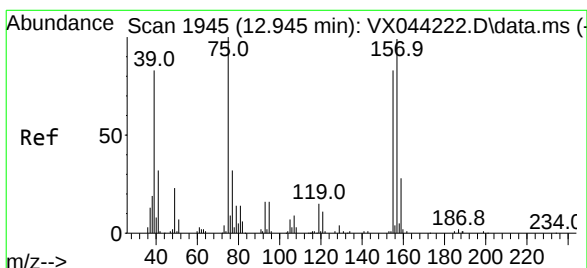
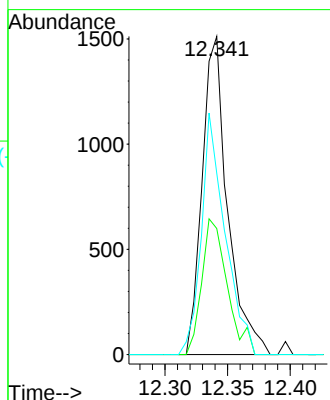
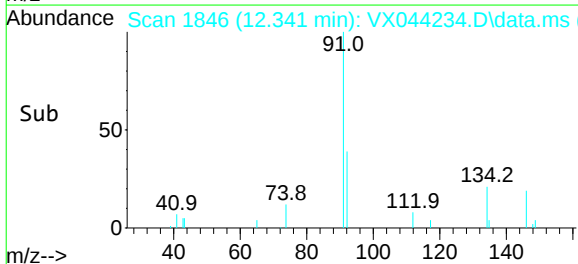
Tgt Ion:	146	Resp:	2130
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	71.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.397 ug/l

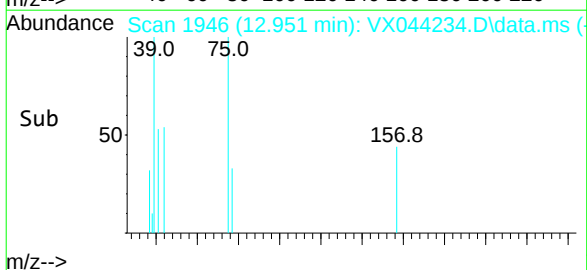
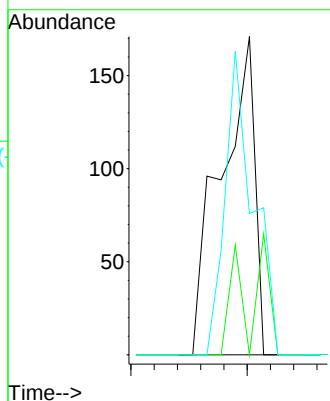
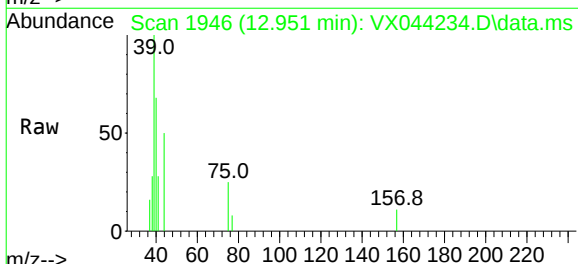
RT: 12.951 min Scan# 1946

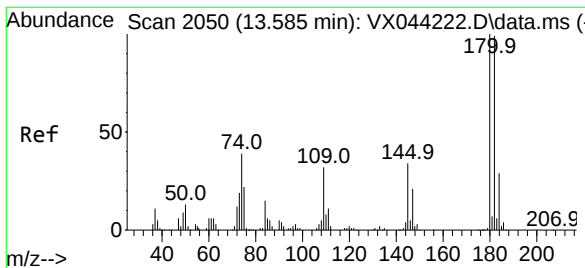
Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

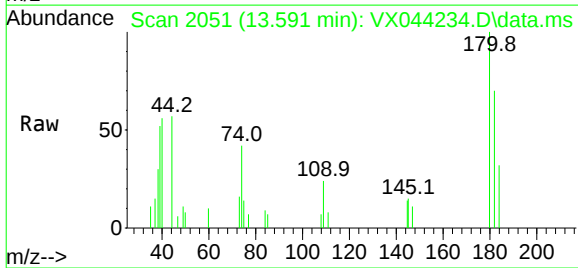
Tgt Ion:	75	Resp:	173
Ion	Ratio	Lower	Upper
75	100		
155	26.0	38.1	114.3#
157	79.2	47.2	141.6





#93
1,2,4-Trichlorobenzene
Concen: 0.677 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41

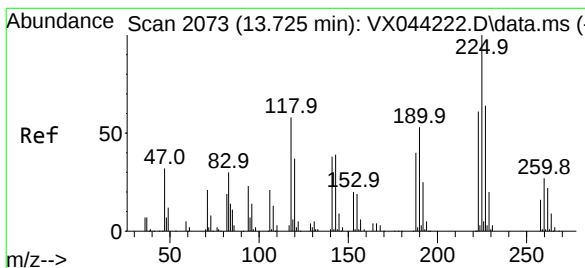
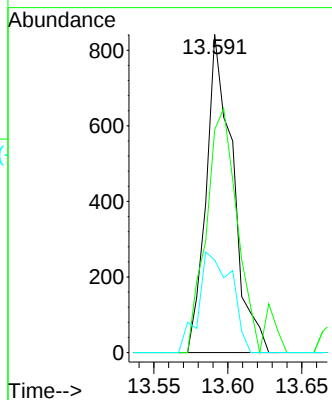
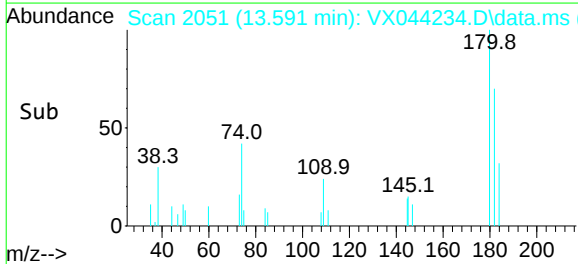
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



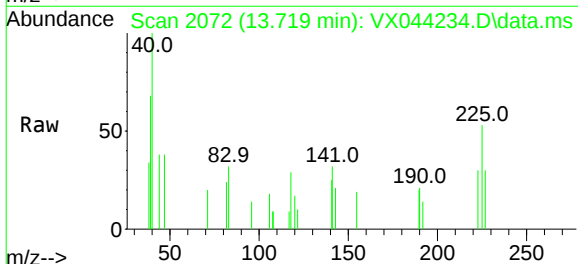
Tgt Ion:180 Resp: 1055
Ion Ratio Lower Upper
180 100
182 88.2 48.0 144.2
145 39.1 16.6 49.7

Manual Integrations
APPROVED

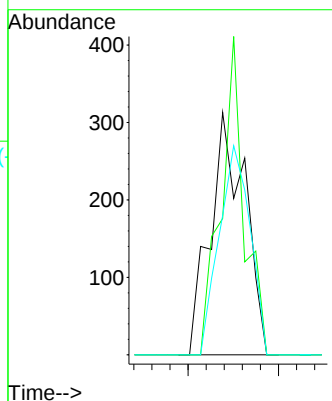
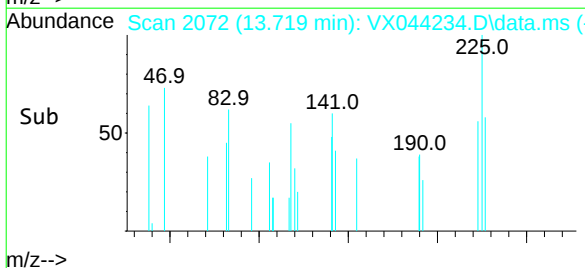
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

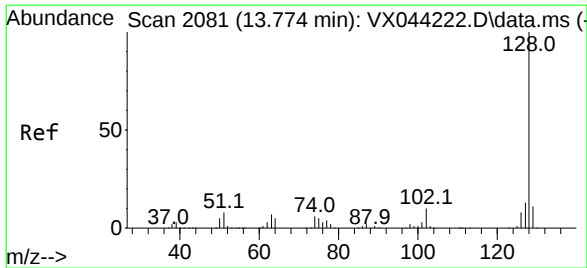


#94
Hexachlorobutadiene
Concen: 0.668 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044234.D
Acq: 11 Dec 2024 17:41



Tgt Ion:225 Resp: 419
Ion Ratio Lower Upper
225 100
223 86.9 30.8 92.4
227 76.6 32.1 96.3





#95

Naphthalene

Concen: 0.591 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

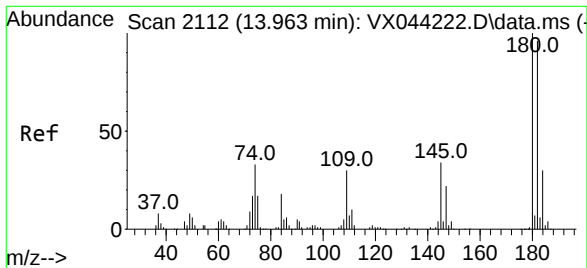
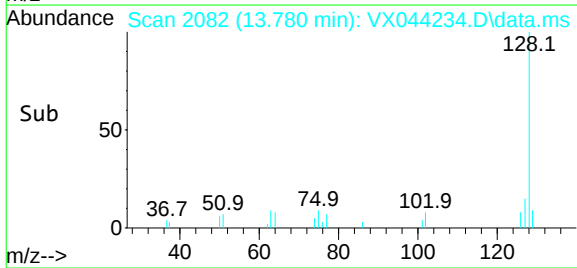
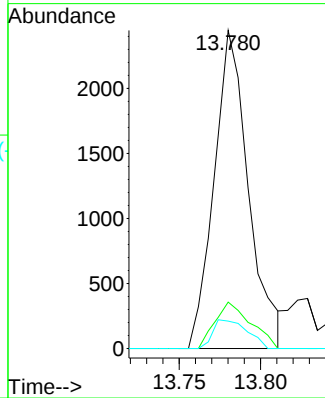
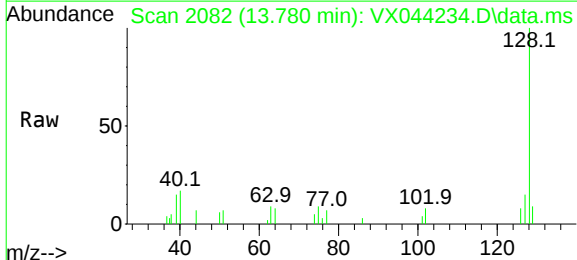
Tgt Ion:	128	Resp:	3596
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.5	15.7
129	9.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.667 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044234.D

Acq: 11 Dec 2024 17:41

Tgt Ion:	180	Resp:	1102
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.0	144.0
145	38.4	17.7	53.1

