

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044245.D
 Acq On : 12 Dec 2024 12:24
 Operator : JC/MD
 Sample : P4368-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Dec 13 05:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 05:00:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122121	51.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	5.385	113	83945	49.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	8.647	98	296220	51.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	11.079	95	96110	48.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1513	0.729	ug/l	92
3) Chloromethane	1.294	50	1791	0.902	ug/l #	78
4) Vinyl Chloride	1.374	62	1497	0.724	ug/l #	88
5) Bromomethane	1.593	94	1852	1.263	ug/l #	78
6) Chloroethane	1.666	64	1028m	0.798	ug/l	
7) Trichlorofluoromethane	1.868	101	2629	0.650	ug/l	89
8) Diethyl Ether	2.136	74	1103	0.798	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.319	101	1136	0.694	ug/l	94
10) Methyl Iodide	2.447	142	1243	0.576	ug/l	99
11) Tert butyl alcohol	2.941	59	2810	8.473	ug/l #	71
12) 1,1-Dichloroethene	2.313	96	1142	0.759	ug/l #	67
13) Acrolein	2.239	56	1538	3.204	ug/l	97
14) Allyl chloride	2.654	41	2080	0.830	ug/l	91
15) Acrylonitrile	3.075	53	3148	3.427	ug/l	96
16) Acetone	2.392	43	3529	3.678	ug/l	94
17) Carbon Disulfide	2.508	76	1956	0.684	ug/l	97
18) Methyl Acetate	2.709	43	1807	0.730	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	4220	0.719	ug/l	98
20) Methylene Chloride	2.788	84	1419	0.787	ug/l #	88
21) trans-1,2-Dichloroethene	3.081	96	1183	0.740	ug/l #	47
22) Diisopropyl ether	3.764	45	4247	0.753	ug/l #	76
23) Vinyl Acetate	3.733	43	12522	2.730	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2185	0.695	ug/l #	83
25) 2-Butanone	4.605	43	4362m	3.198	ug/l	
26) 2,2-Dichloropropane	4.471	77	1778	0.696	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	1352	0.666	ug/l	97
28) Bromochloromethane	4.904	49	1007	0.653	ug/l #	97
29) Tetrahydrofuran	5.038	42	3104	3.546	ug/l #	44
30) Chloroform	5.105	83	2450	0.693	ug/l	98
31) Cyclohexane	5.464	56	1765	0.695	ug/l #	79
32) 1,1,1-Trichloroethane	5.379	97	1965	0.670	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	1666	0.761	ug/l #	79
37) Ethyl Acetate	4.751	43	2137m	0.789	ug/l	
38) Carbon Tetrachloride	5.672	117	1682	0.713	ug/l #	82
39) Methylcyclohexane	7.373	83	1850	0.707	ug/l	96
40) Benzene	6.025	78	4482	0.674	ug/l #	81

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	1172m	0.815	ug/l	
42) 1,2-Dichloroethane	6.105	62	2286	0.835	ug/l	84
43) Isopropyl Acetate	6.367	43	2716m	0.642	ug/l	
44) Trichloroethene	7.135	130	1226	0.739	ug/l	99
45) 1,2-Dichloropropane	7.434	63	1015	0.597	ug/l #	74
46) Dibromomethane	7.598	93	906	0.687	ug/l	94
47) Bromodichloromethane	7.818	83	1436	0.631	ug/l #	77
48) Methyl methacrylate	7.726	41	1719m	0.837	ug/l	
49) 1,4-Dioxane	7.696	88	373	10.953	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	7455	2.740	ug/l	98
52) Toluene	8.726	92	2860	0.685	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1293	0.580	ug/l #	85
54) cis-1,3-Dichloropropene	8.385	75	1477	0.596	ug/l #	66
55) 1,1,2-Trichloroethane	9.159	97	1267	0.764	ug/l #	74
56) Ethyl methacrylate	9.128	69	1196	0.457	ug/l #	68
57) 1,3-Dichloropropane	9.317	76	2037	0.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	5224	3.955	ug/l	90
59) 2-Hexanone	9.445	43	6074m	3.084	ug/l	
60) Dibromochloromethane	9.525	129	924	0.580	ug/l	91
61) 1,2-Dibromoethane	9.610	107	939	0.556	ug/l #	76
64) Tetrachloroethene	9.275	164	1115	0.807	ug/l	88
65) Chlorobenzene	10.079	112	3068	0.688	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	10.165	131	891	0.621	ug/l #	57
67) Ethyl Benzene	10.201	91	5180	0.672	ug/l	95
68) m/p-Xylenes	10.305	106	3741	1.322	ug/l	94
69) o-Xylene	10.646	106	1709	0.597	ug/l	82
70) Styrene	10.665	104	2455	0.535	ug/l #	89
71) Bromoform	10.799	173	649	0.710	ug/l #	64
73) Isopropylbenzene	10.963	105	4225	0.639	ug/l	100
74) N-amyl acetate	10.854	43	1341	0.439	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1595	0.695	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1430m	0.742	ug/l	
77) Bromobenzene	11.201	156	1347	0.841	ug/l	91
78) n-propylbenzene	11.305	91	4667	0.639	ug/l	93
79) 2-Chlorotoluene	11.372	91	3326	0.704	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	3554	0.649	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	303m	0.505	ug/l	
82) 4-Chlorotoluene	11.457	91	3599	0.688	ug/l	97
83) tert-Butylbenzene	11.713	119	3608	0.666	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3531	0.656	ug/l	99
85) sec-Butylbenzene	11.890	105	4468	0.680	ug/l	99
86) p-Isopropyltoluene	12.012	119	3123	0.571	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	2054	0.734	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2246m	0.781	ug/l	
89) n-Butylbenzene	12.335	91	2690	0.585	ug/l	85
90) Hexachloroethane	12.542	117	403	0.505	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	2141	0.737	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	202	0.453	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	1139	0.715	ug/l	78
94) Hexachlorobutadiene	13.719	225	412	0.643	ug/l	81
95) Naphthalene	13.780	128	3303	0.531	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	1131	0.669	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 05:00:50 2024
Response via : Initial Calibration

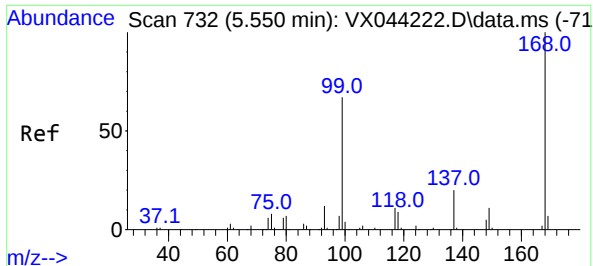
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

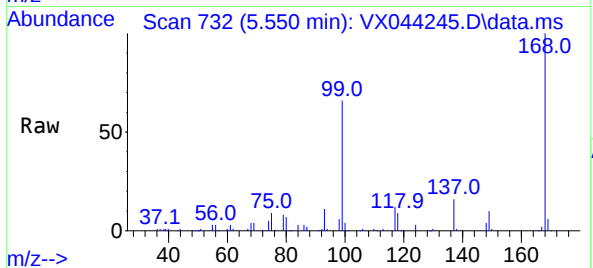
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044245.D
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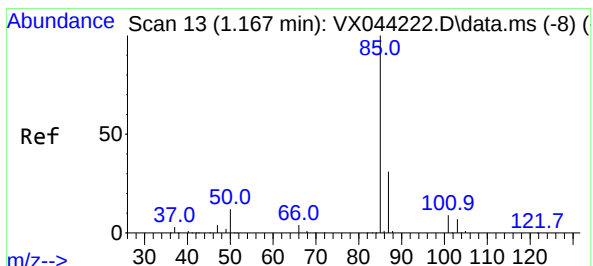
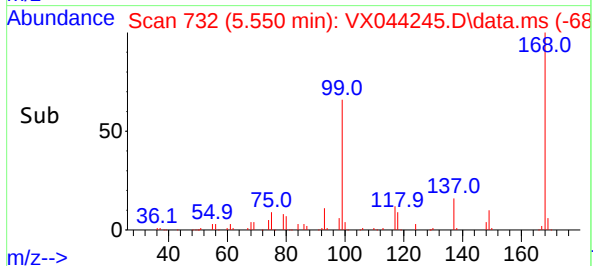
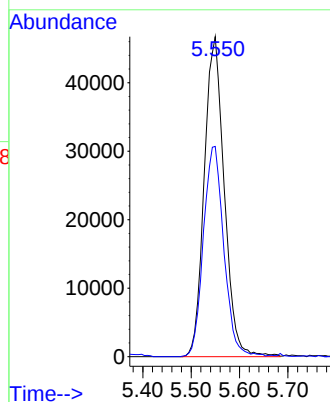
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:168 Resp: 134218
Ion Ratio Lower Upper
168 100
99 65.7 53.4 80.0

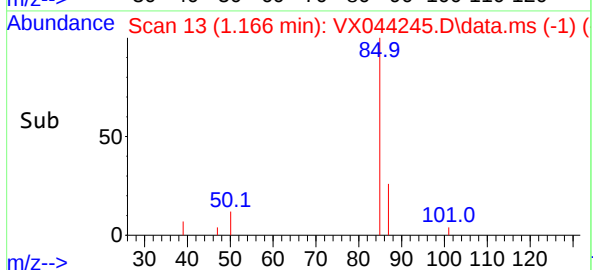
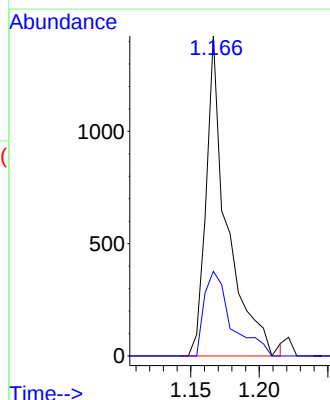
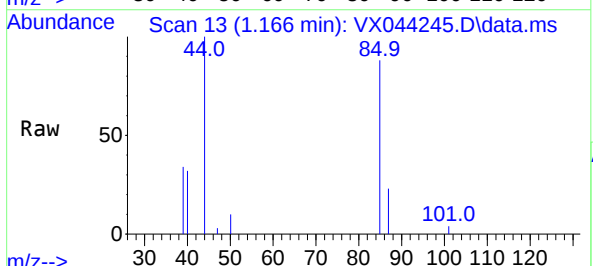
Manual Integrations
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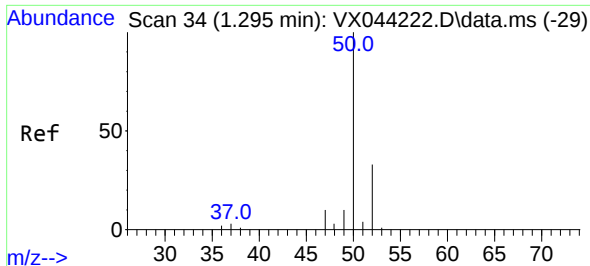
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#2
Dichlorodifluoromethane
Concen: 0.729 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

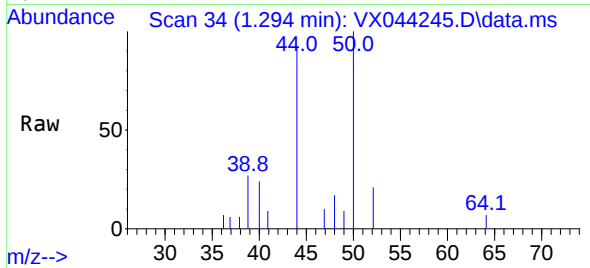
Tgt Ion: 85 Resp: 1513
Ion Ratio Lower Upper
85 100
87 26.5 15.4 46.4





#3
Chloromethane
Concen: 0.902 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

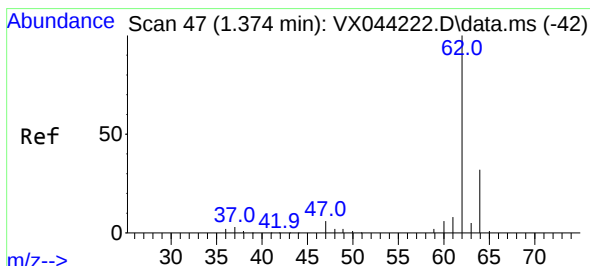
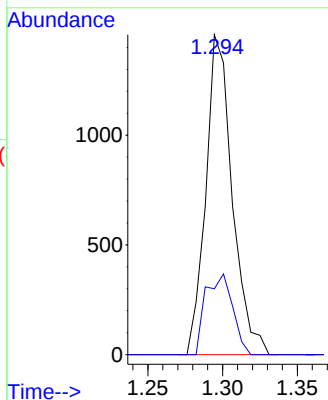
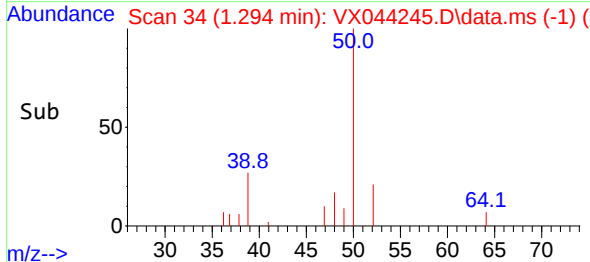
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



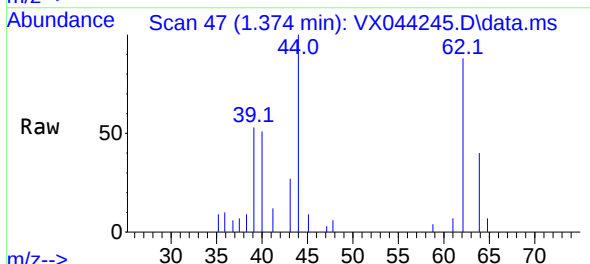
Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 20.6 26.5 39.7

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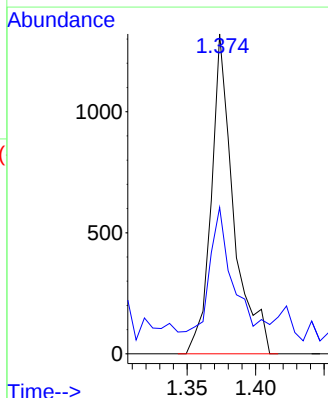
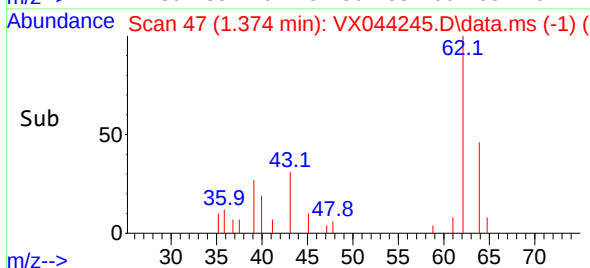
Reviewed By :John Carlone 12/13/2024
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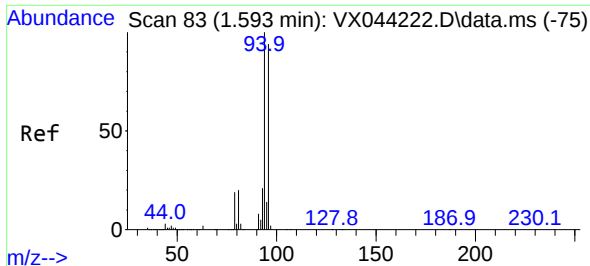


#4
Vinyl Chloride
Concen: 0.724 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



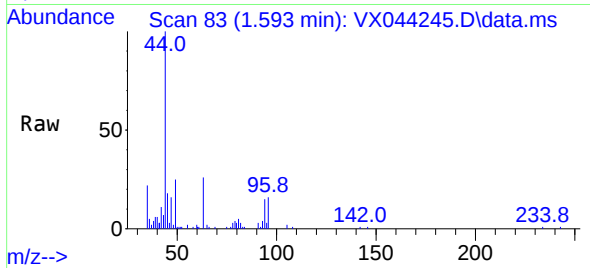
Tgt Ion: 62 Resp: 1497
Ion Ratio Lower Upper
62 100
64 39.0 25.7 38.5





#5
Bromomethane
Concen: 1.263 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

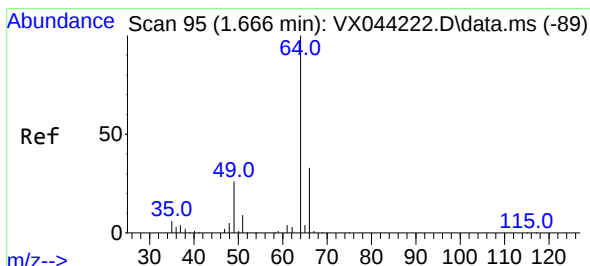
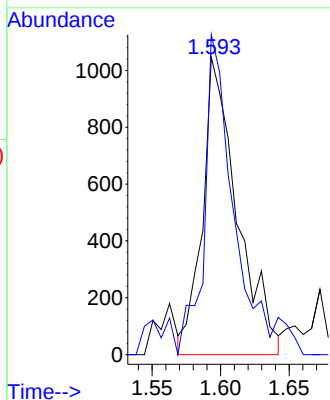
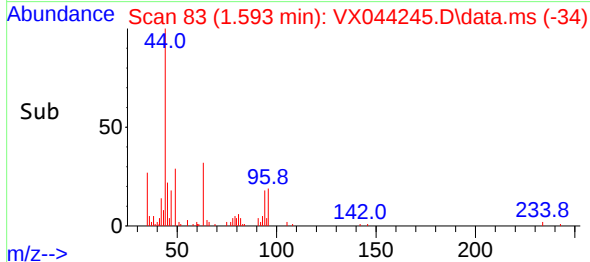
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



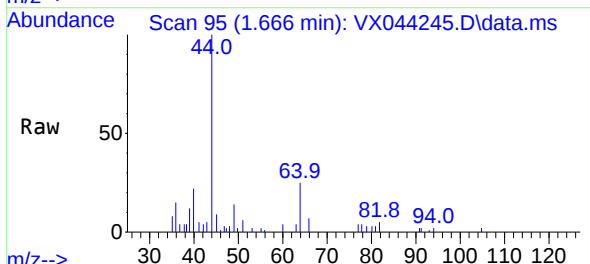
Tgt Ion: 94 Resp: 1852
Ion Ratio Lower Upper
94 100
96 114.9 74.9 112.3

Manual Integrations
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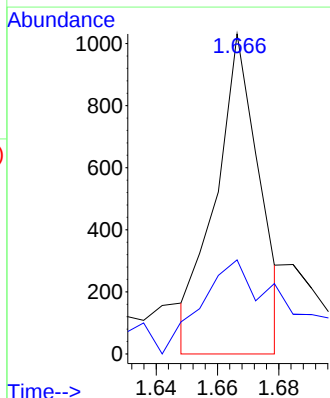
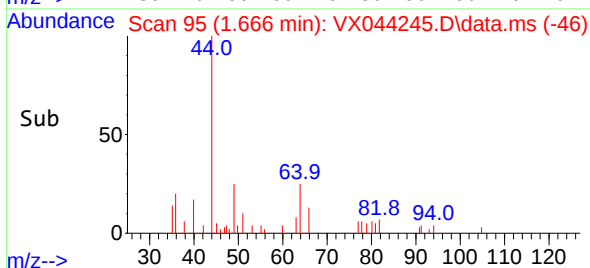
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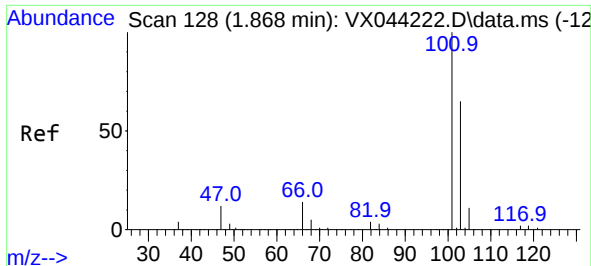


#6
Chloroethane
Concen: 0.798 ug/l m
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



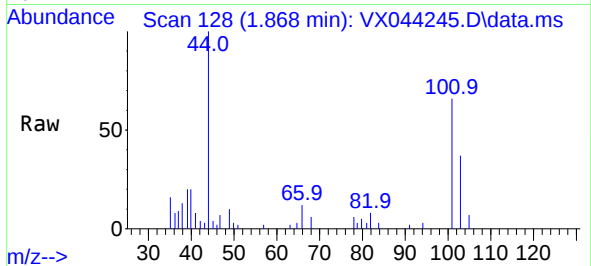
Tgt Ion: 64 Resp: 1028
Ion Ratio Lower Upper
64 100
66 29.4 26.6 39.8





#7
Trichlorofluoromethane
Concen: 0.650 ug/l
RT: 1.868 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

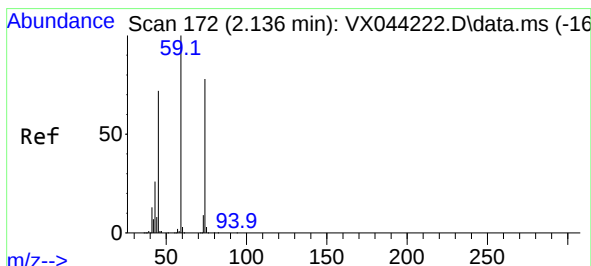
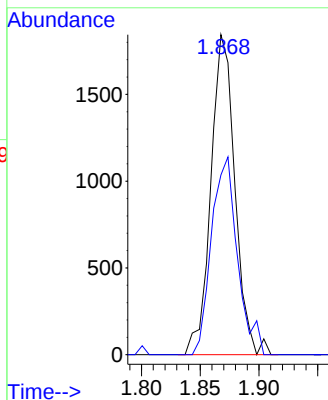
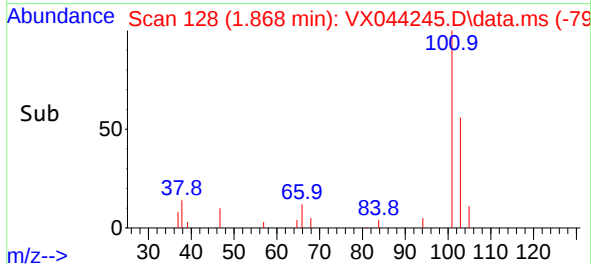
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:101 Resp: 2629
Ion Ratio Lower Upper
101 100
103 56.2 51.8 77.8

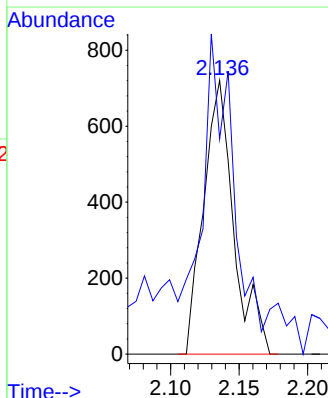
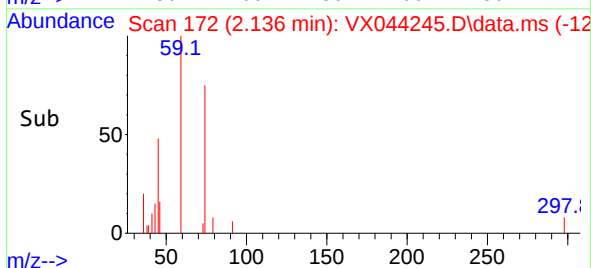
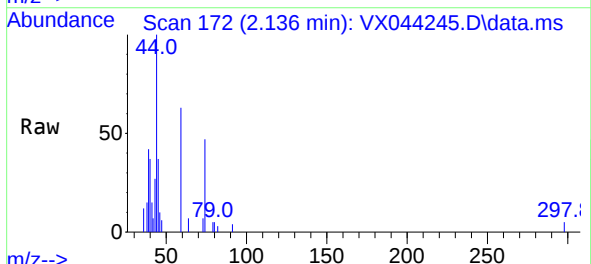
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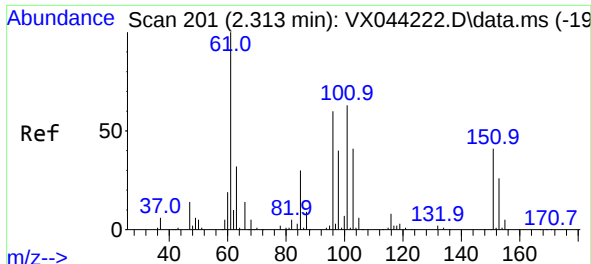
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#8
Diethyl Ether
Concen: 0.798 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 74 Resp: 1103
Ion Ratio Lower Upper
74 100
45 125.1 48.4 145.0





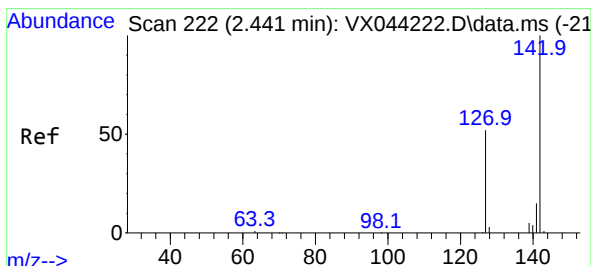
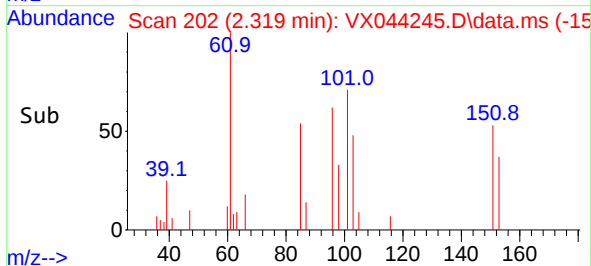
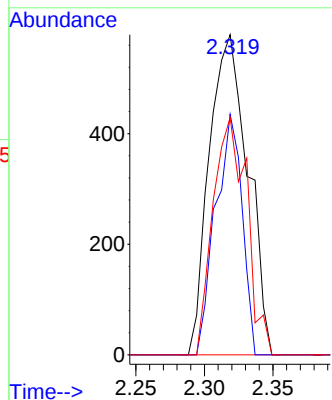
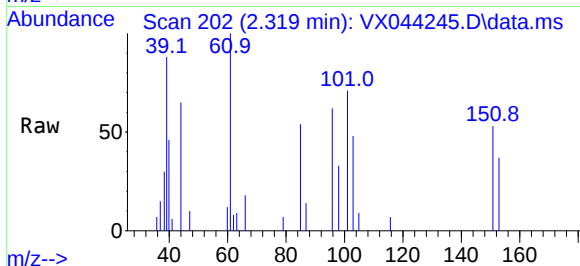
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.694 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:101 Resp: 1130
Ion Ratio Lower Upper
101 100
85 51.5 38.5 57.7
151 64.7 55.8 83.6

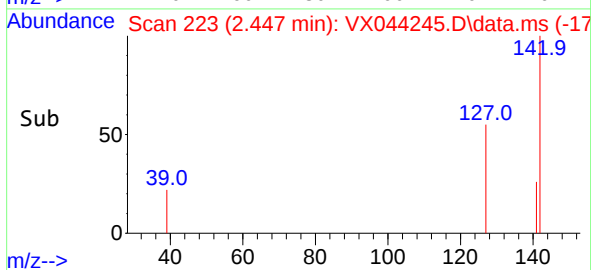
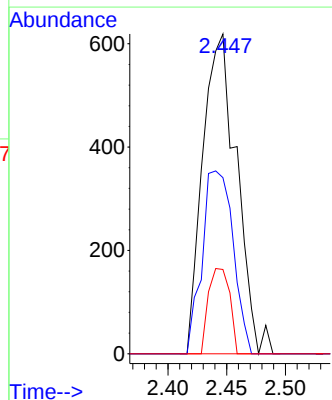
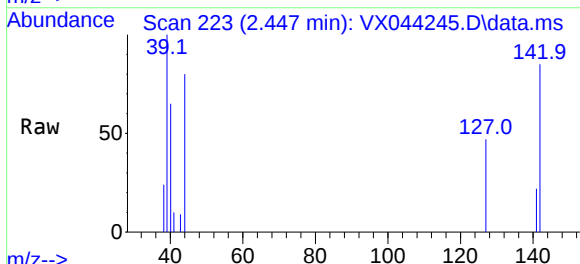
Manual Integrations
APPROVED

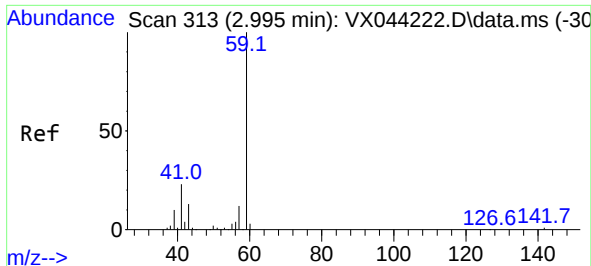
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#10
Methyl Iodide
Concen: 0.576 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

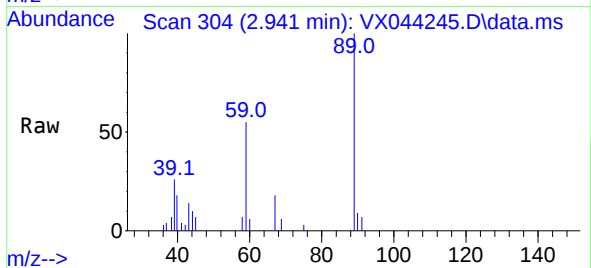
Tgt Ion:142 Resp: 1243
Ion Ratio Lower Upper
142 100
127 52.2 41.8 62.8
141 16.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 8.473 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

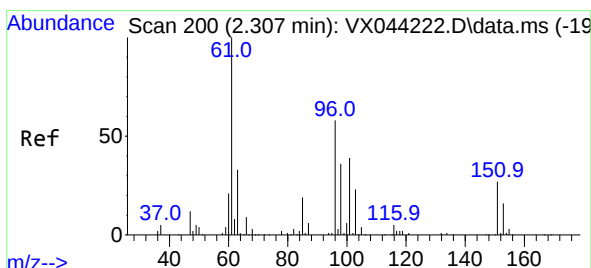
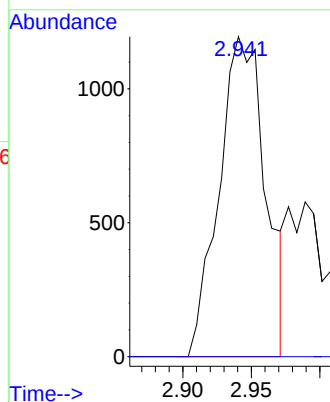
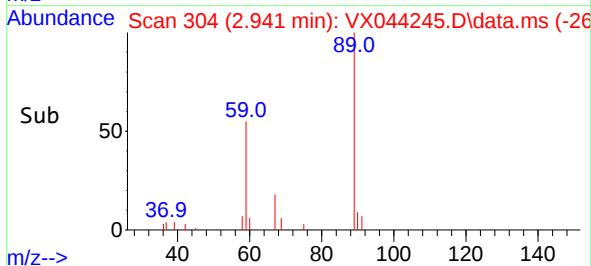
Instrument : MSVOA_X
Client SampleId : MDL-WATER-03-QT4-2024



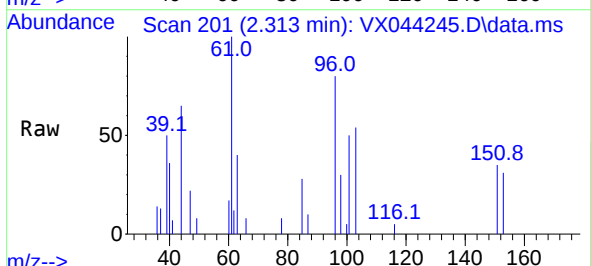
Tgt Ion: 59 Resp: 2810
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2

Manual Integrations
APPROVED

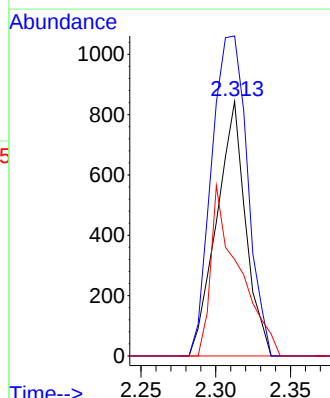
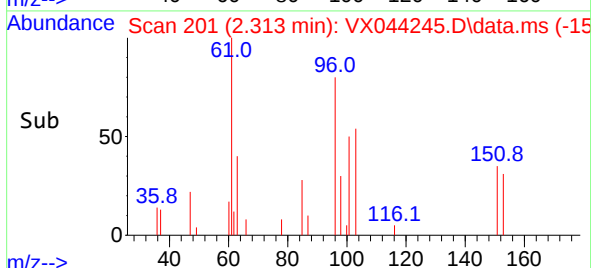
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

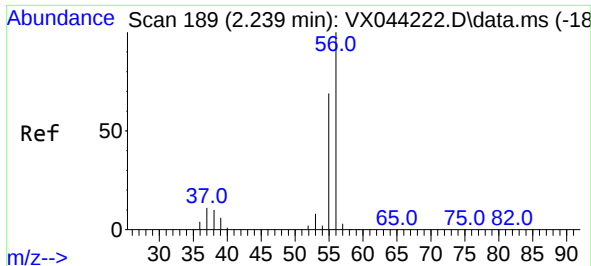


#12
1,1-Dichloroethene
Concen: 0.759 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion: 96 Resp: 1142
Ion Ratio Lower Upper
96 100
61 125.7 138.0 207.0#
98 37.9 50.0 75.0#





#13

Acrolein

Concen: 3.204 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 56 Resp: 1538

Ion Ratio Lower Upper

56 100

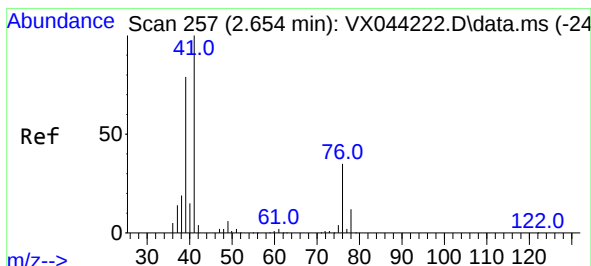
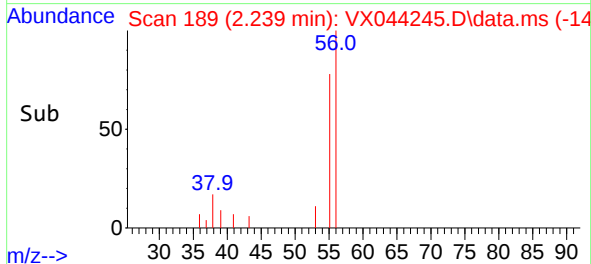
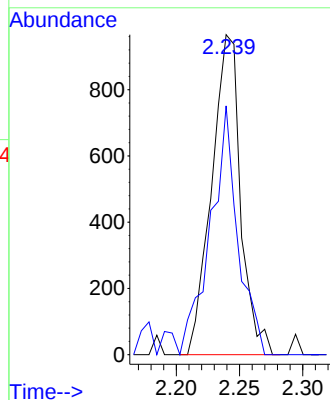
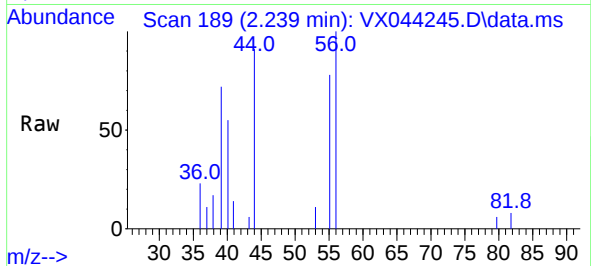
55 73.4 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#14

Allyl chloride

Concen: 0.830 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

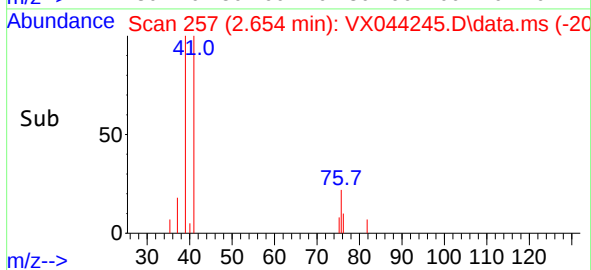
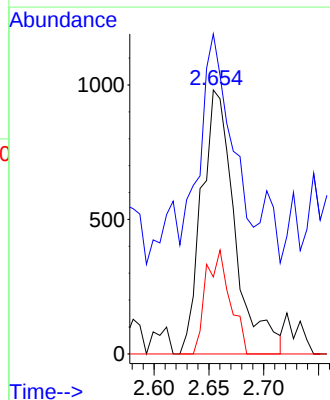
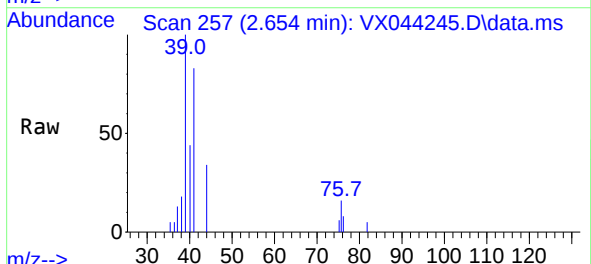
Tgt Ion: 41 Resp: 2080

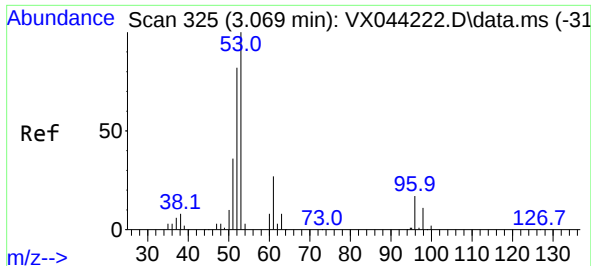
Ion Ratio Lower Upper

41 100

39 70.6 61.9 92.9

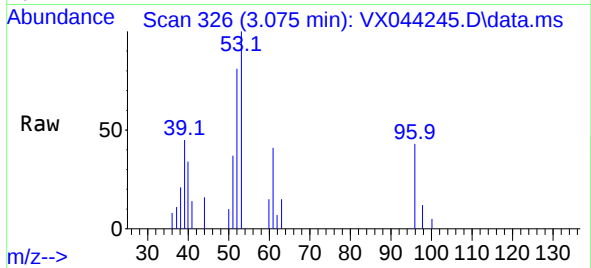
76 28.4 27.4 41.2





#15
Acrylonitrile
Concen: 3.427 ug/l
RT: 3.075 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

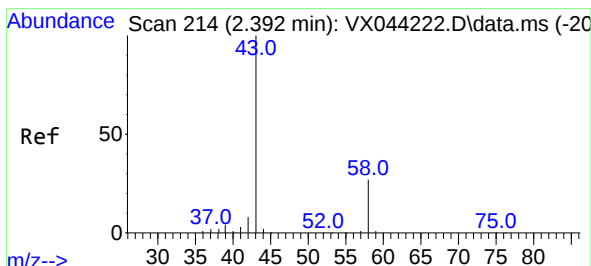
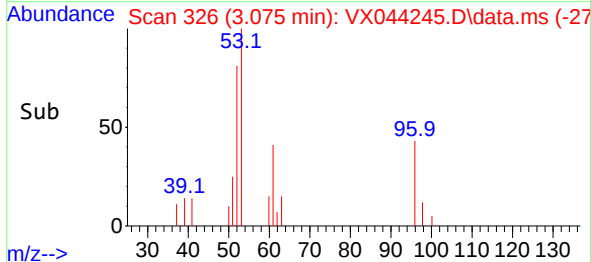
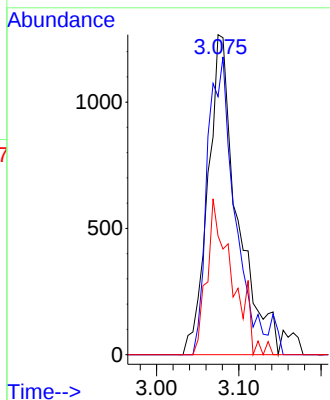
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 53 Resp: 3148
Ion Ratio Lower Upper
53 100
52 87.0 67.4 101.0
51 41.8 30.3 45.5

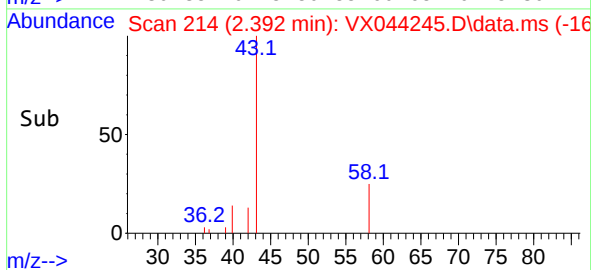
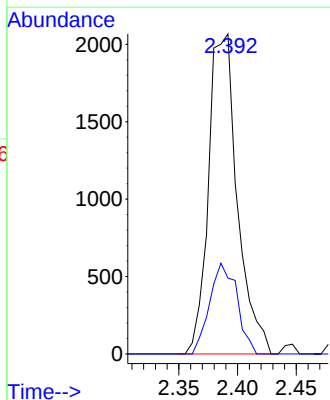
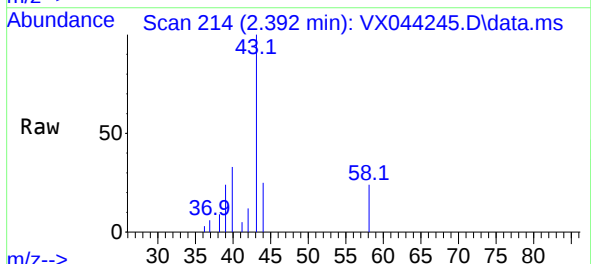
Manual Integrations
APPROVED

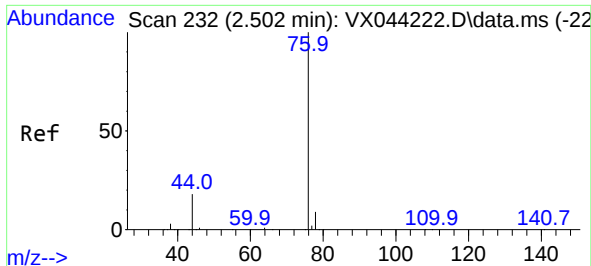
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#16
Acetone
Concen: 3.678 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

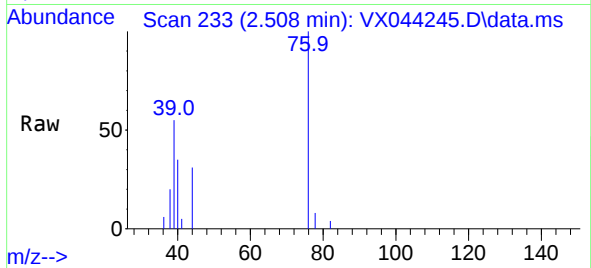
Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 23.7 21.6 32.4





#17
Carbon Disulfide
Concen: 0.684 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

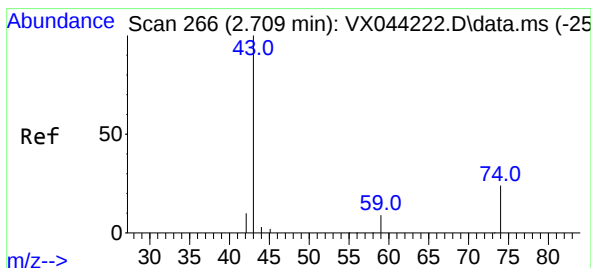
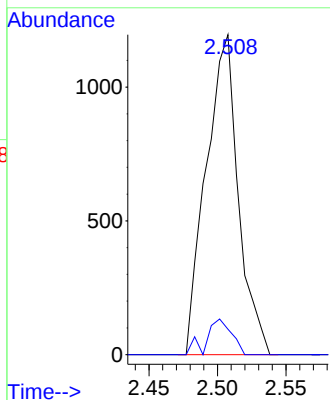
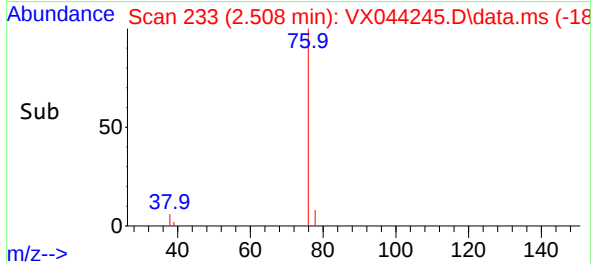
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 1950
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

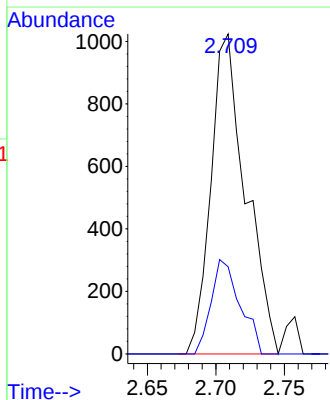
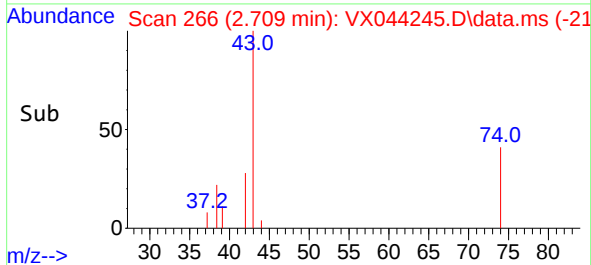
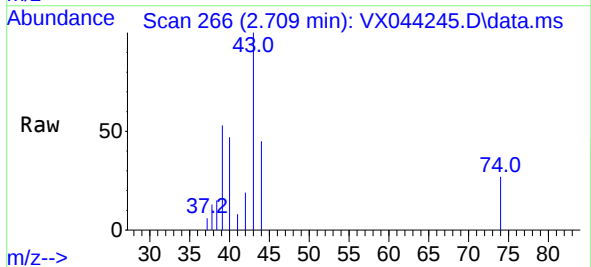
Manual Integrations
APPROVED

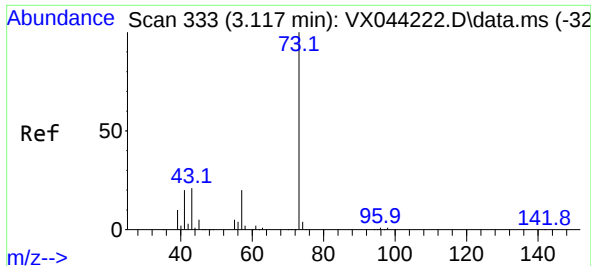
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#18
Methyl Acetate
Concen: 0.730 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

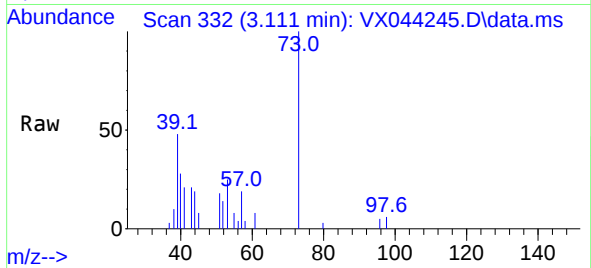
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
74 24.6 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 0.719 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

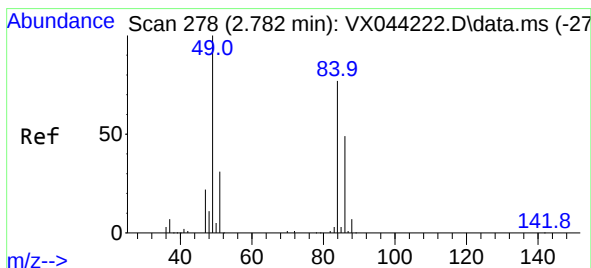
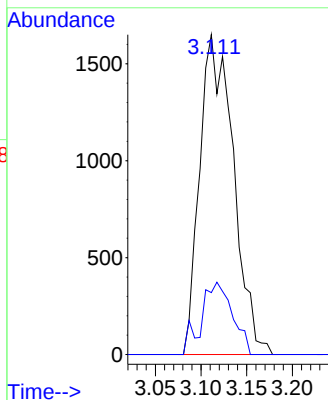
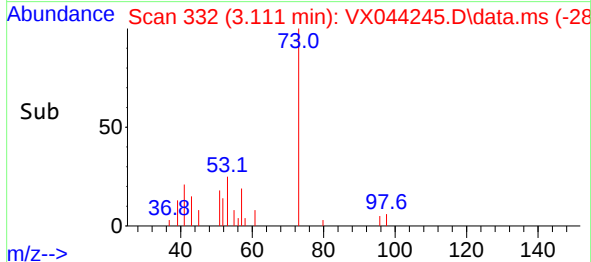
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



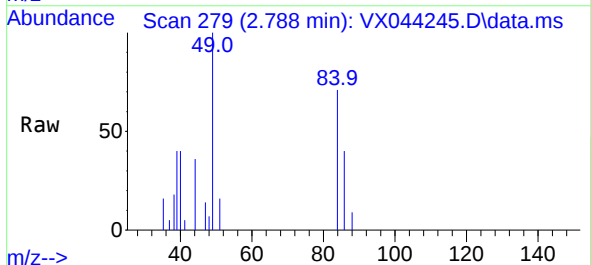
Tgt Ion: 73 Resp: 4220
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.4

Manual Integrations
APPROVED

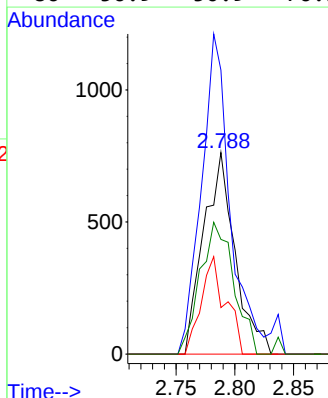
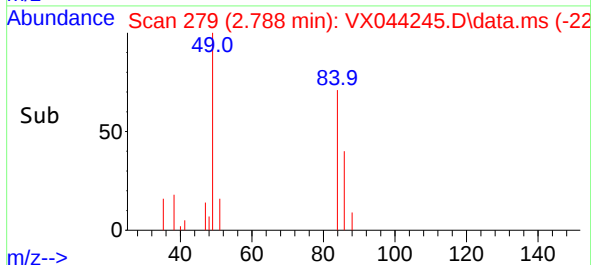
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

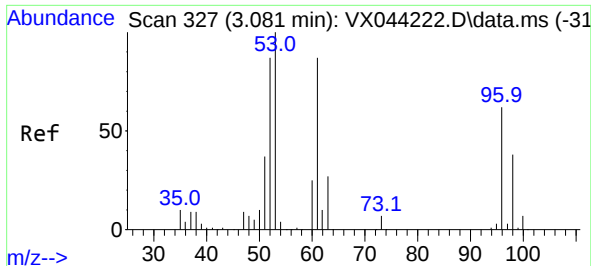


#20
Methylene Chloride
Concen: 0.787 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



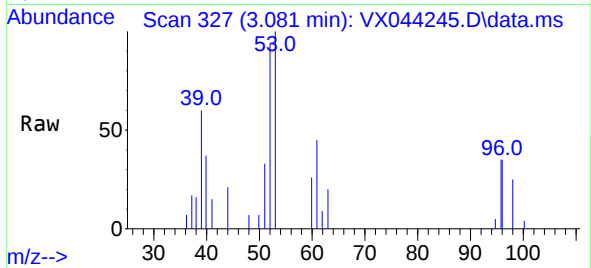
Tgt Ion: 84 Resp: 1419
Ion Ratio Lower Upper
84 100
49 140.9 104.2 156.4
51 23.1 32.2 48.4#
86 56.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 0.740 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

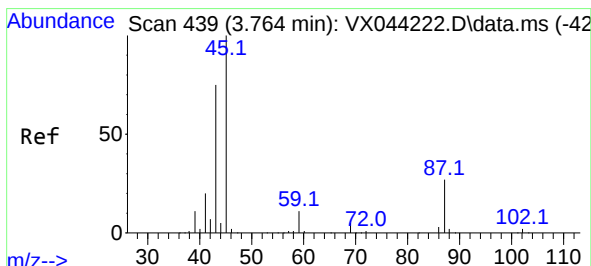
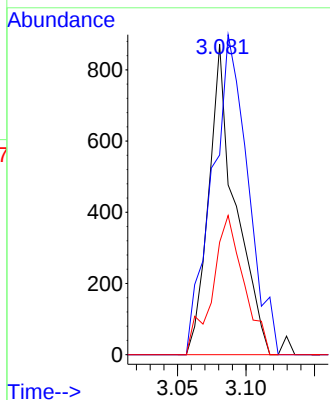
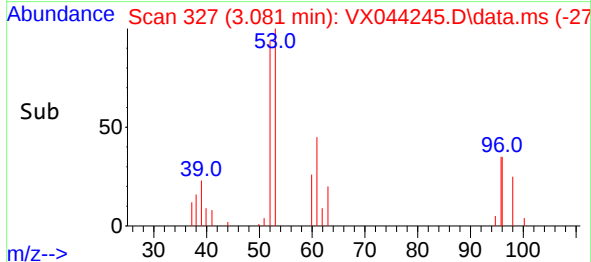
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 118
Ion Ratio Lower Upper
96 100
61 64.3 112.0 168.0
98 36.2 48.8 73.2

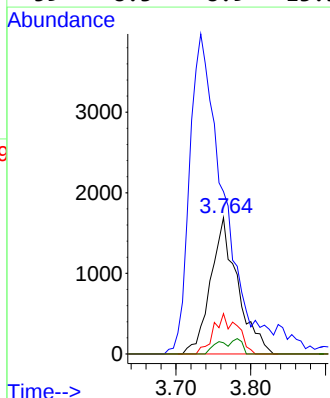
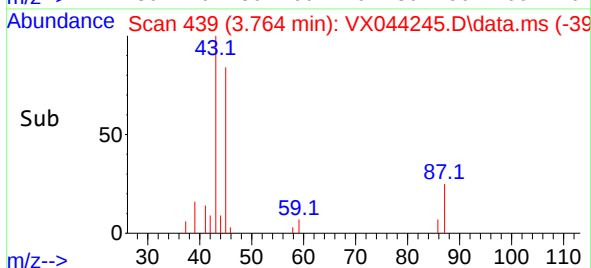
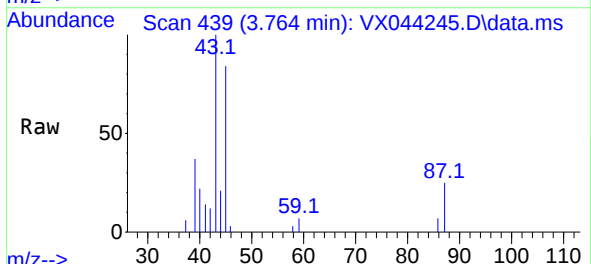
Manual Integrations
APPROVED

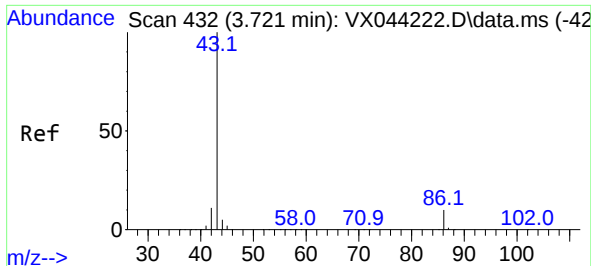
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#22
Diisopropyl ether
Concen: 0.753 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 45 Resp: 4247
Ion Ratio Lower Upper
45 100
43 103.7 60.2 90.2#
87 29.6 21.2 31.8
59 8.3 8.9 13.3#





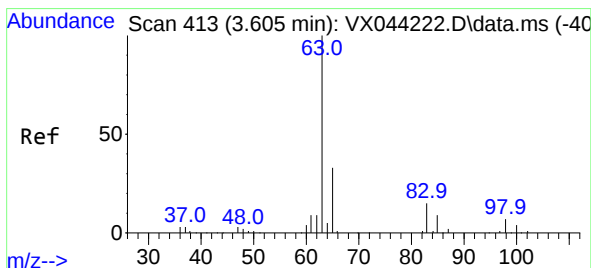
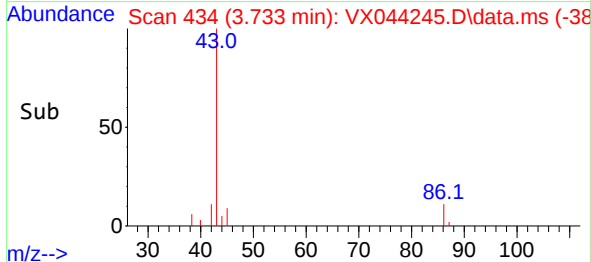
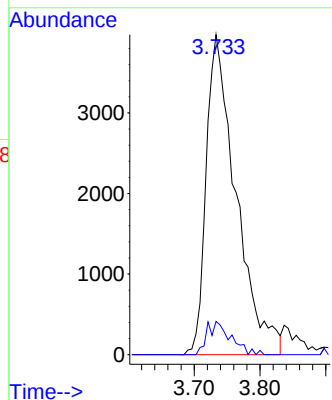
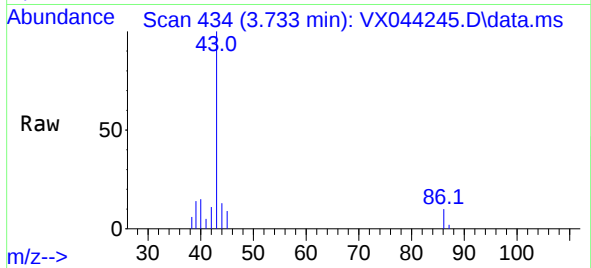
#23
Vinyl Acetate
Concen: 2.730 ug/l
RT: 3.733 min Scan# 411
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
86 10.4 8.2 12.2

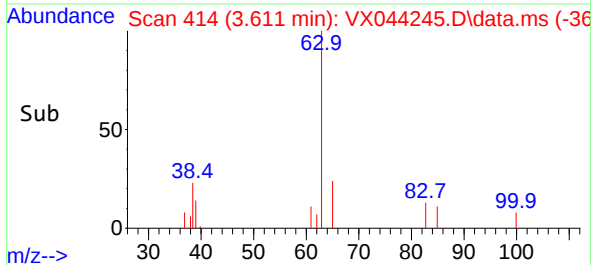
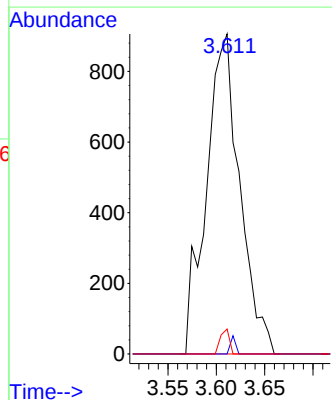
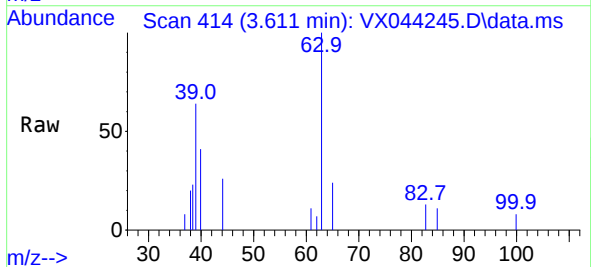
Manual Integrations
APPROVED

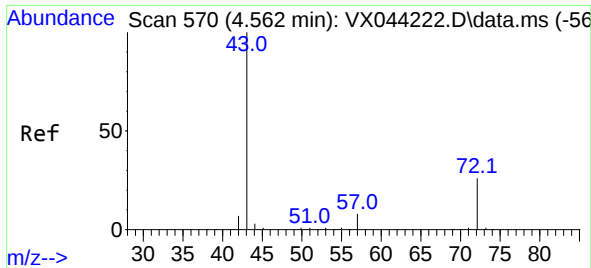
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#24
1,1-Dichloroethane
Concen: 0.695 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 63 Resp: 2185
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 7.8 2.1 6.3#





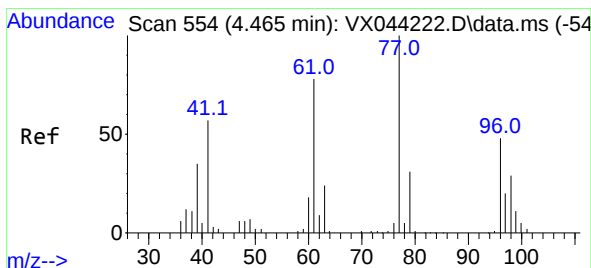
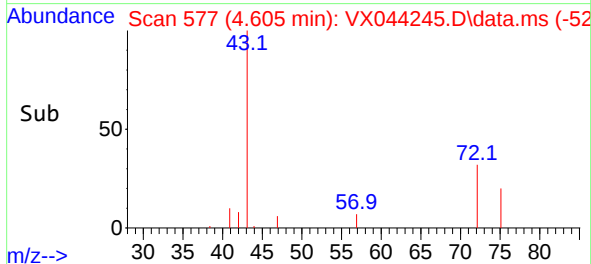
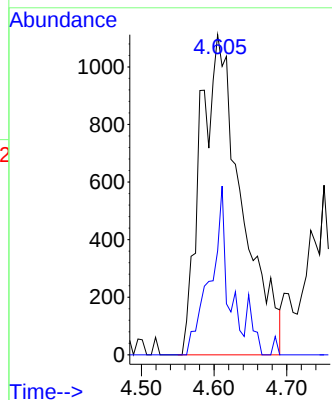
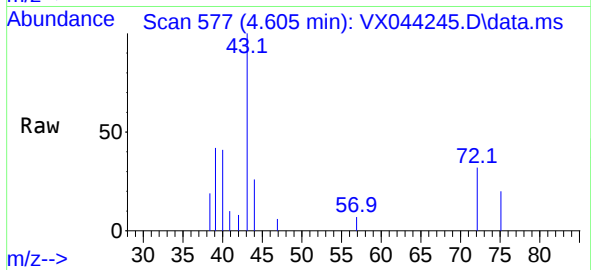
#25
2-Butanone
Concen: 3.198 ug/l m
RT: 4.605 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 4362
Ion Ratio Lower Upper
43 100
72 32.5 20.2 30.4

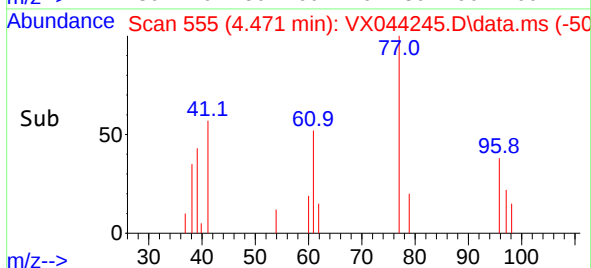
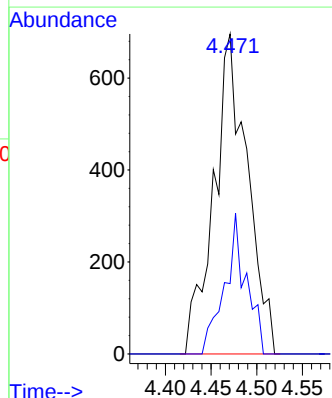
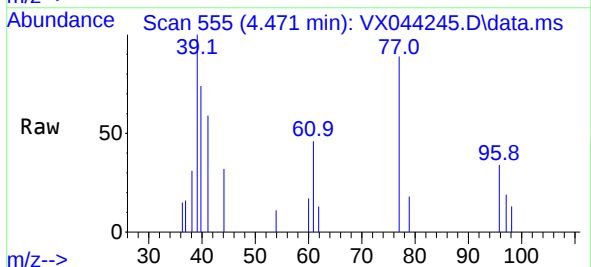
Manual Integrations
APPROVED

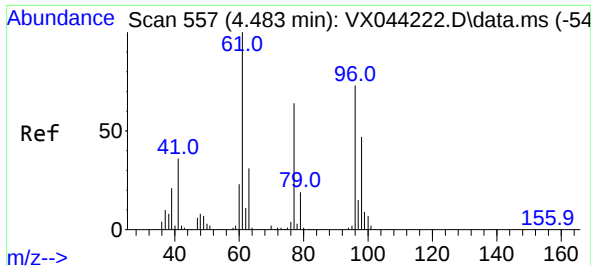
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#26
2,2-Dichloropropane
Concen: 0.696 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

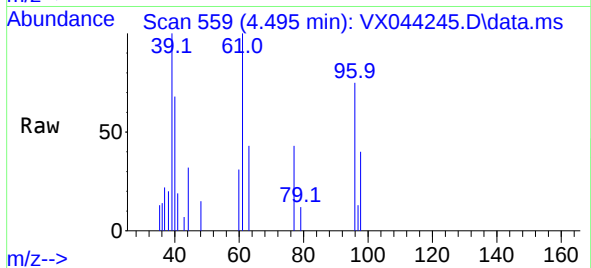
Tgt Ion: 77 Resp: 1778
Ion Ratio Lower Upper
77 100
97 28.1 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 0.666 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

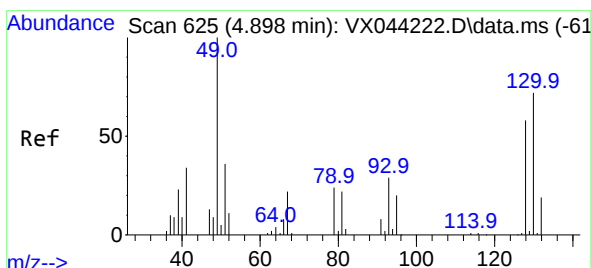
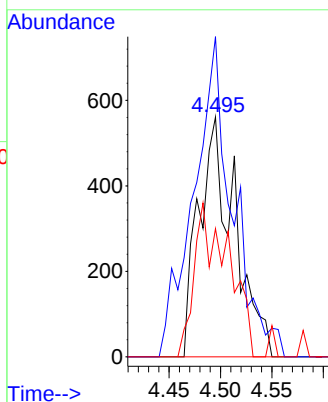
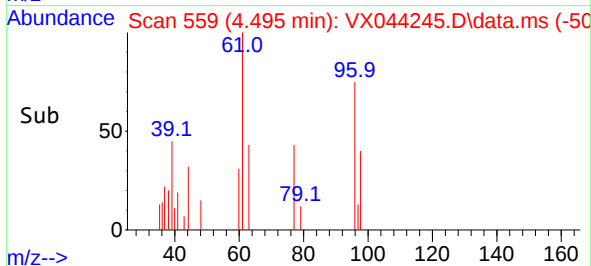
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 1352
Ion Ratio Lower Upper
96 100
61 145.4 0.0 299.0
98 61.7 0.0 129.0

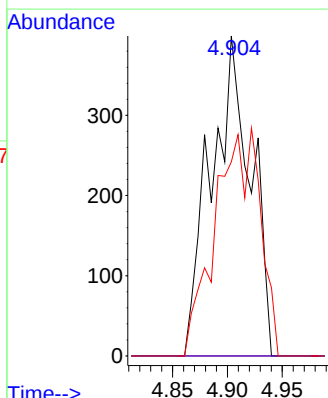
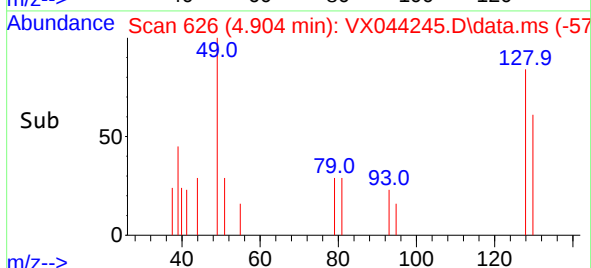
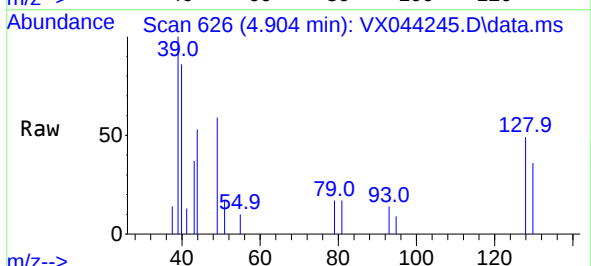
Manual Integrations
APPROVED

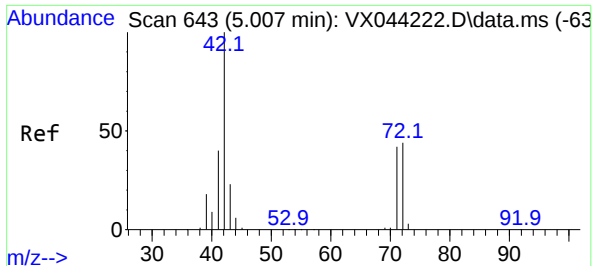
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#28
Bromochloromethane
Concen: 0.653 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 49 Resp: 1007
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 80.0 62.1 93.1





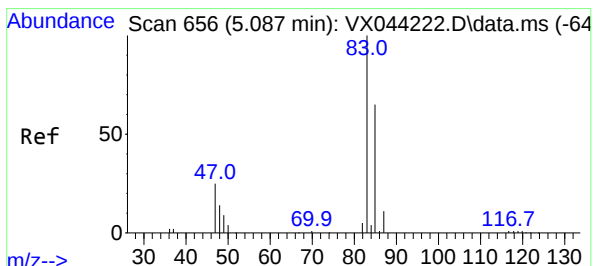
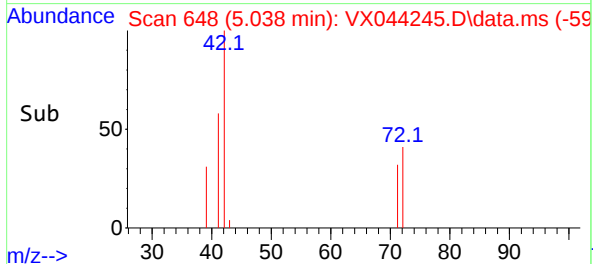
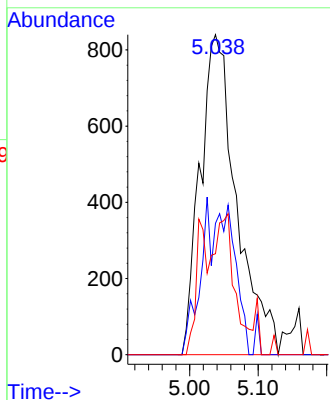
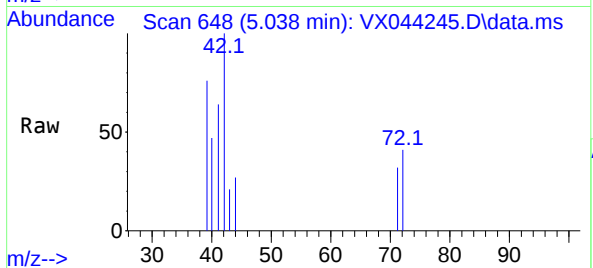
#29
Tetrahydrofuran
Concen: 3.546 ug/l
RT: 5.038 min Scan# 643
Delta R.T. 0.030 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 42 Resp: 3104
Ion Ratio Lower Upper
42 100
72 15.9 37.0 55.6
71 0.0 33.6 50.4

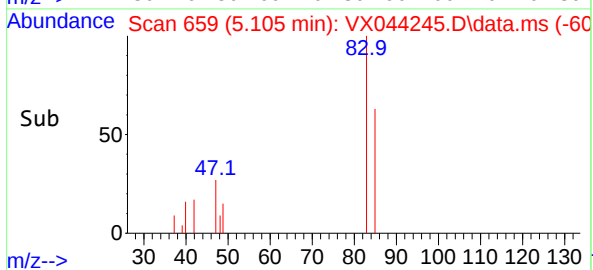
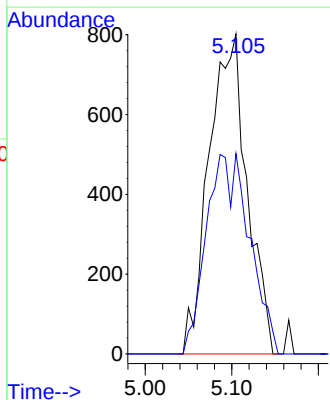
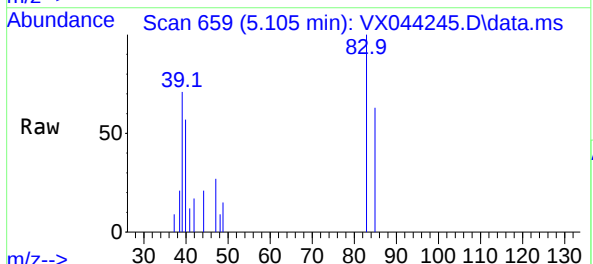
Manual Integrations
APPROVED

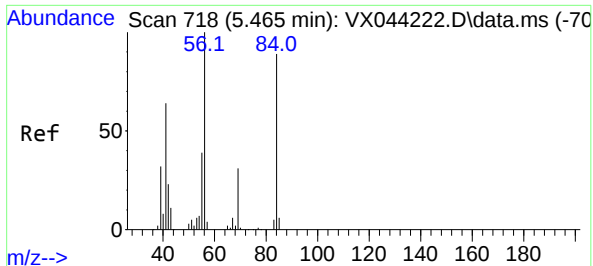
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#30
Chloroform
Concen: 0.693 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.018 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 83 Resp: 2450
Ion Ratio Lower Upper
83 100
85 62.6 51.6 77.4





#31

Cyclohexane

Concen: 0.695 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044245.D

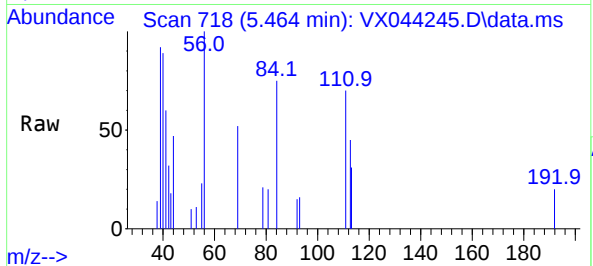
Acq: 12 Dec 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

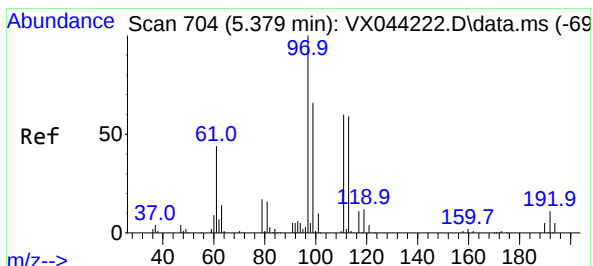
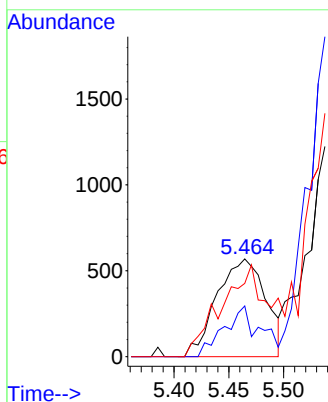
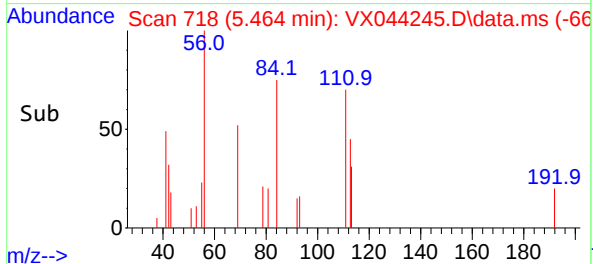
MDL-WATER-03-QT4-2024



Tgt Ion:	56	Resp:	176
Ion	Ratio	Lower	Upper
56	100		
69	51.8	24.7	37.1
84	75.0	71.0	106.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#32

1,1,1-Trichloroethane

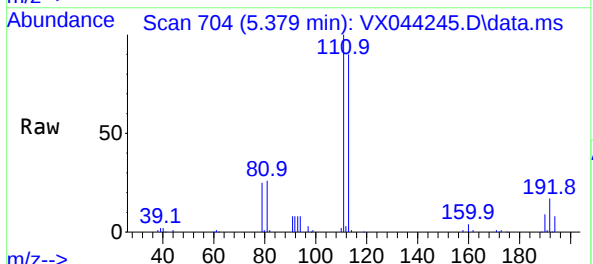
Concen: 0.670 ug/l

RT: 5.379 min Scan# 704

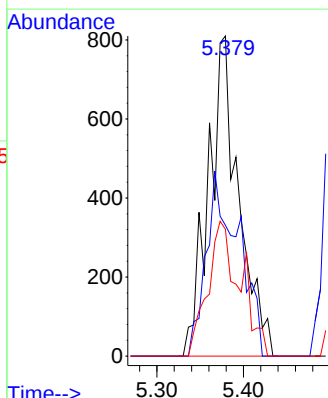
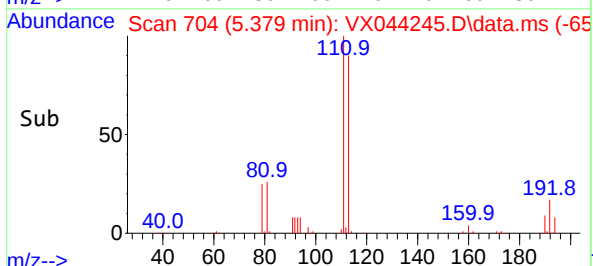
Delta R.T. -0.000 min

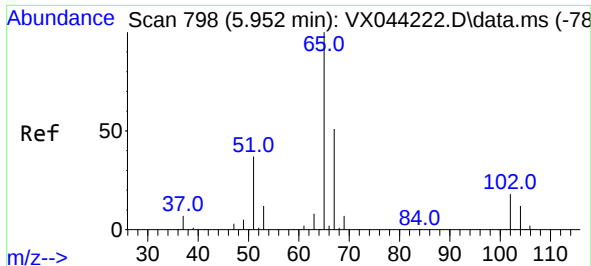
Lab File: VX044245.D

Acq: 12 Dec 2024 12:24



Tgt Ion:	97	Resp:	1965
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2
61	45.2	35.2	52.8





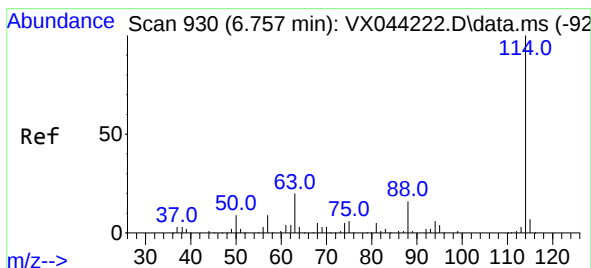
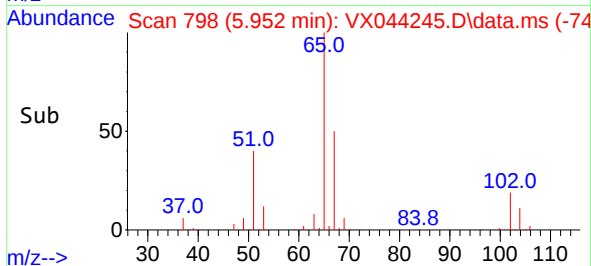
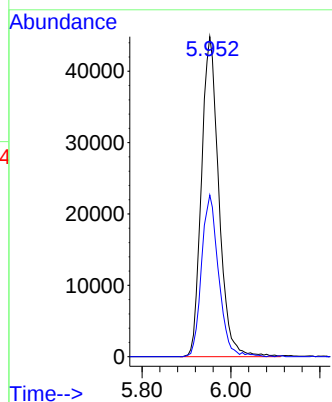
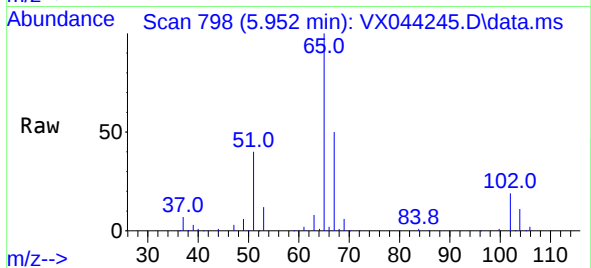
#33
1,2-Dichloroethane-d4
Concen: 51.894 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 65 Resp: 12212
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

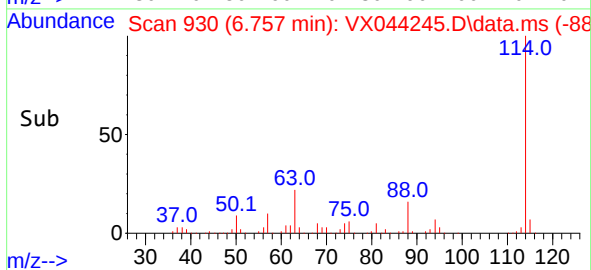
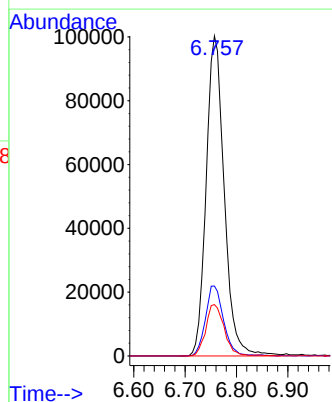
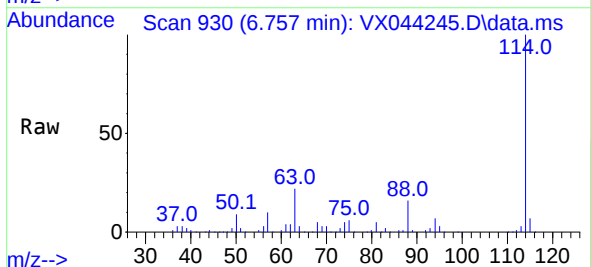
Manual Integrations
APPROVED

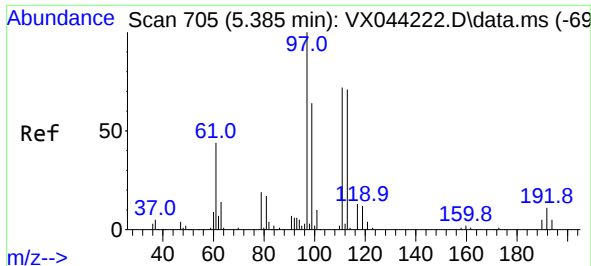
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

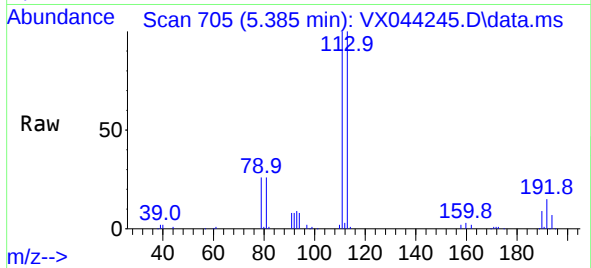
Tgt Ion:114 Resp: 244639
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 16.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

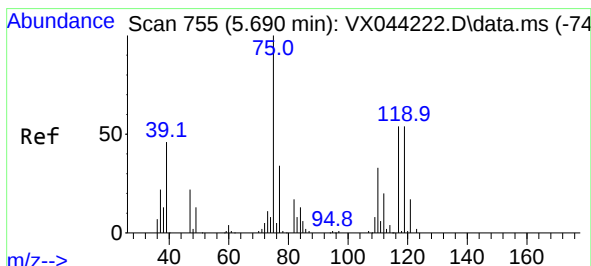
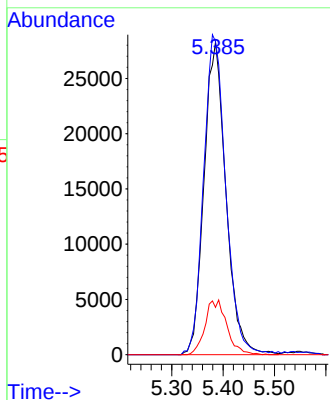
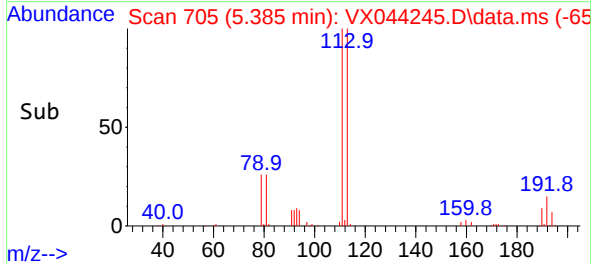
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:113 Resp: 8394
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 17.3 13.3 19.9

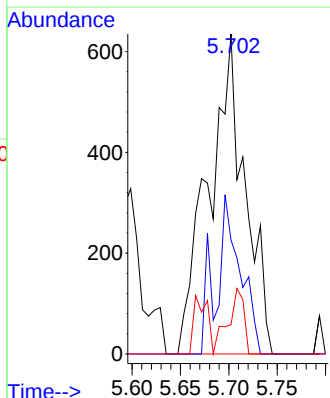
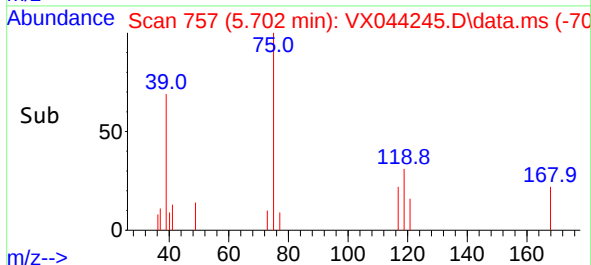
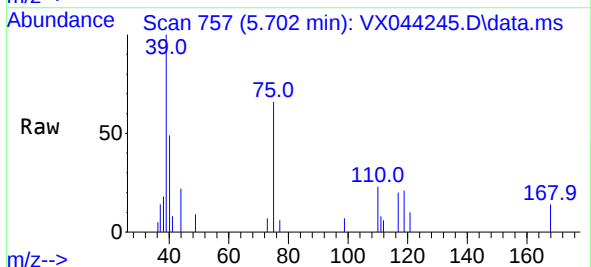
Manual Integrations
APPROVED

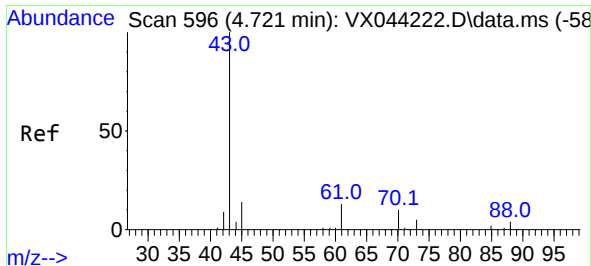
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#36
1,1-Dichloropropene
Concen: 0.761 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 75 Resp: 1666
Ion Ratio Lower Upper
75 100
110 32.7 17.3 51.7
77 8.9 25.4 38.0#





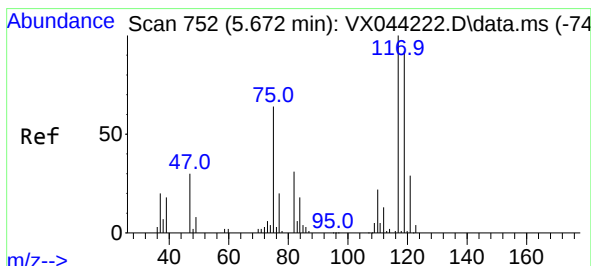
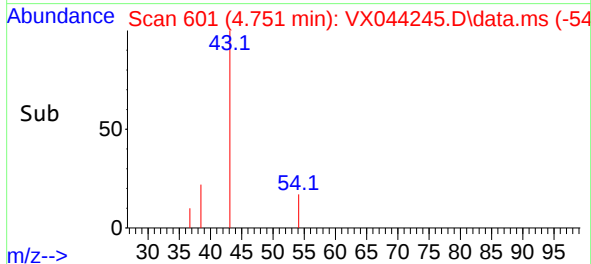
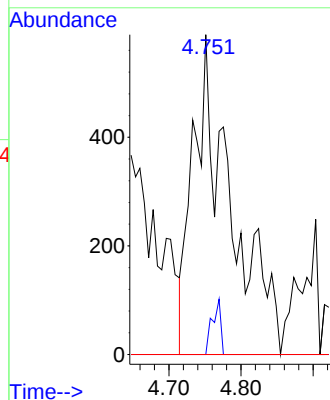
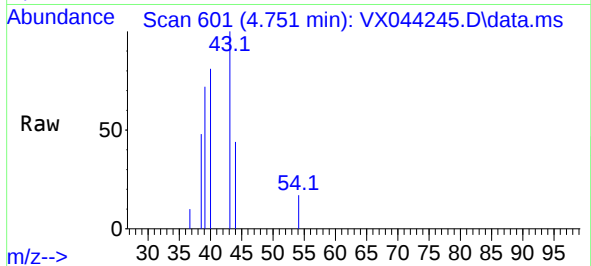
#37
Ethyl Acetate
Concen: 0.789 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.030 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:	43	Resp:	213
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8
70	0.0	7.7	11.5

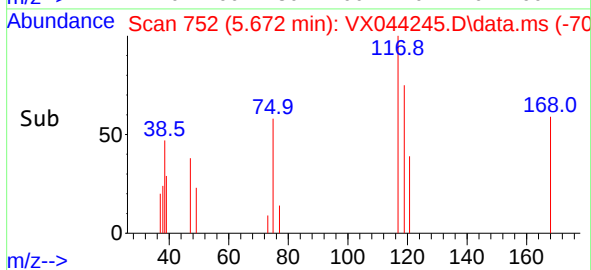
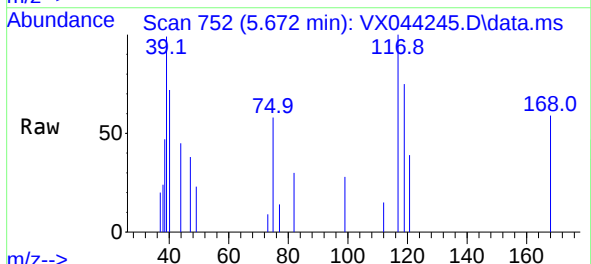
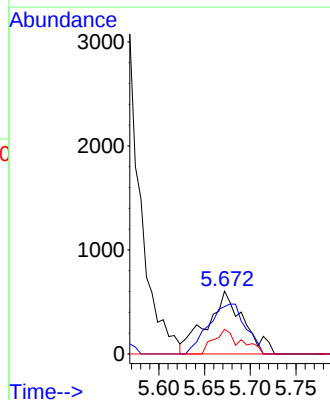
Manual Integrations
APPROVED

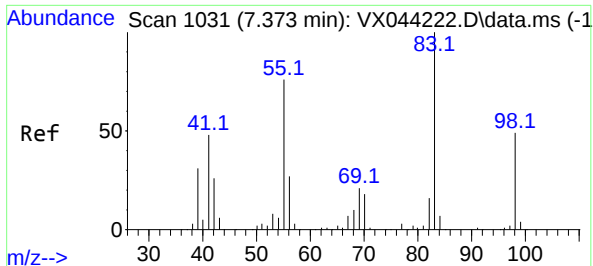
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#38
Carbon Tetrachloride
Concen: 0.713 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion:	117	Resp:	1682
Ion	Ratio	Lower	Upper
117	100		
119	75.4	74.2	111.4
121	39.2	23.0	34.6





#39

Methylcyclohexane

Concen: 0.707 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 1850

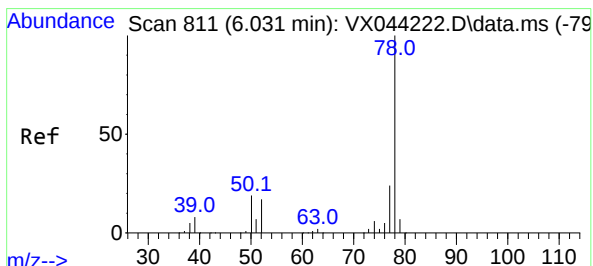
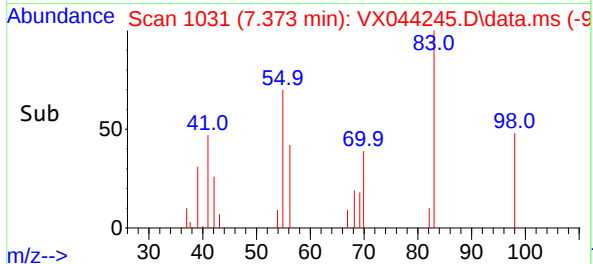
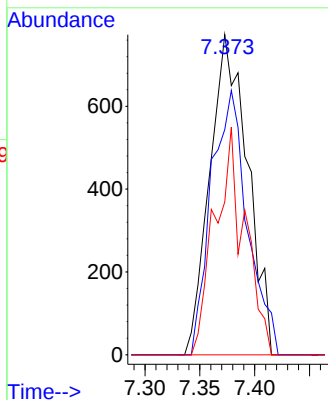
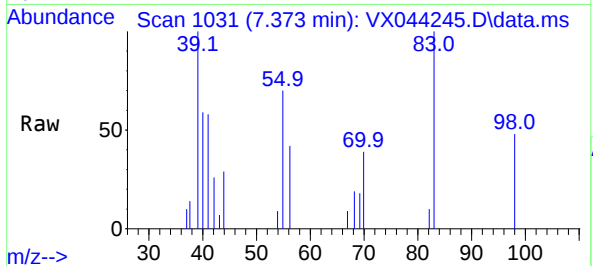
Ion	Ratio	Lower	Upper
83	100		
55	70.4	60.7	91.1
98	47.7	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#40

Benzene

Concen: 0.674 ug/l

RT: 6.025 min Scan# 810

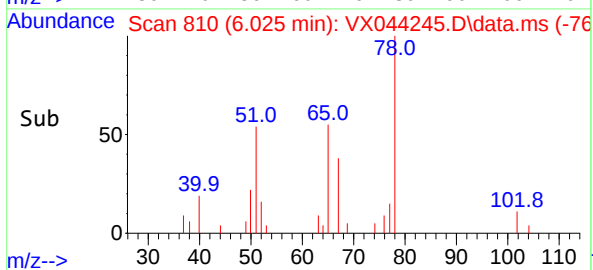
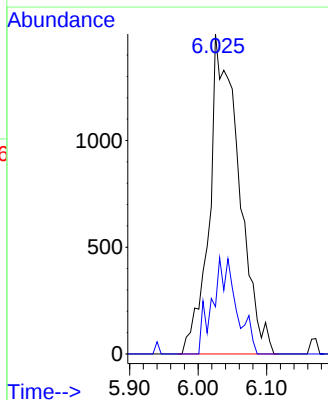
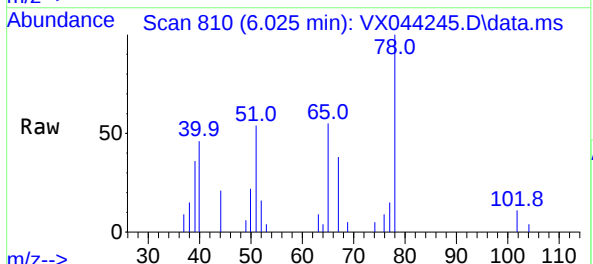
Delta R.T. -0.006 min

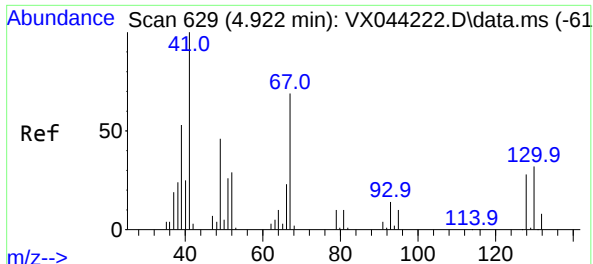
Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Tgt Ion: 78 Resp: 4482

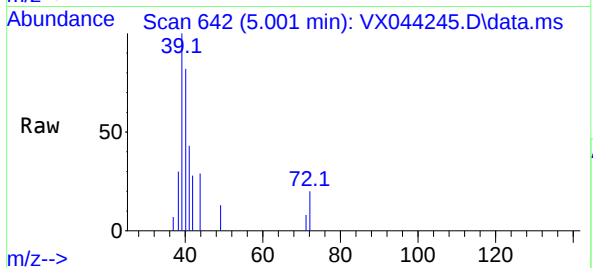
Ion	Ratio	Lower	Upper
78	100		
77	14.7	19.3	28.9#





#41
Methacrylonitrile
Concen: 0.815 ug/l m
RT: 5.001 min Scan# 642
Delta R.T. 0.079 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

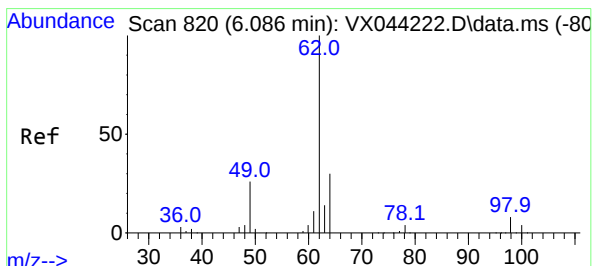
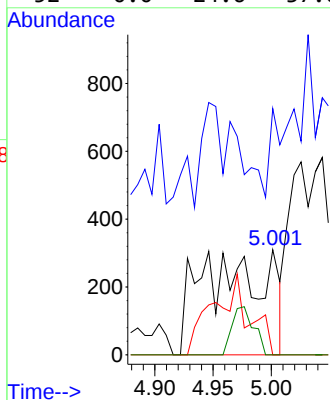
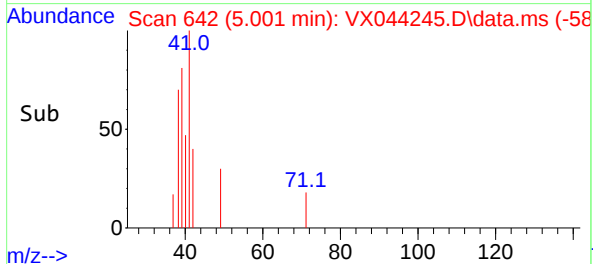
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 1172
Ion Ratio Lower Upper
41 100
39 29.4 44.2 66.4
67 0.0 57.2 85.8
52 0.0 24.6 37.0

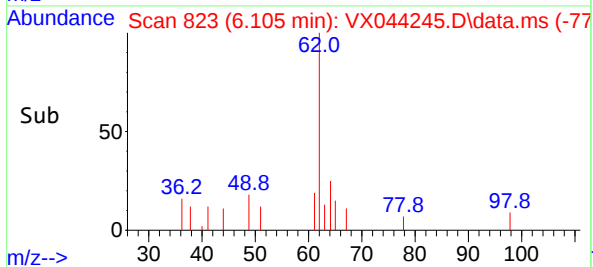
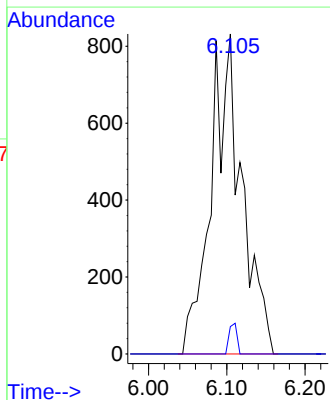
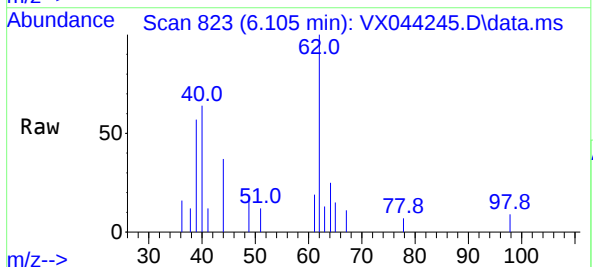
Manual Integrations
APPROVED

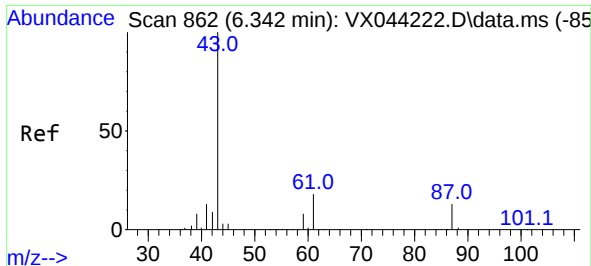
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#42
1,2-Dichloroethane
Concen: 0.835 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

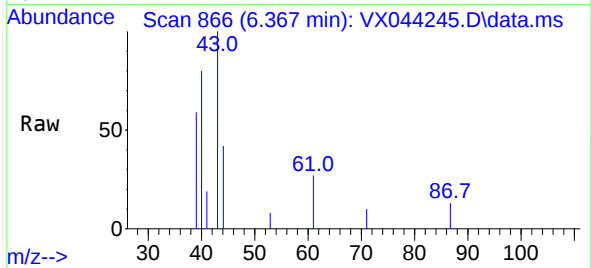
Tgt Ion: 62 Resp: 2286
Ion Ratio Lower Upper
62 100
98 2.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 0.642 ug/l m
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

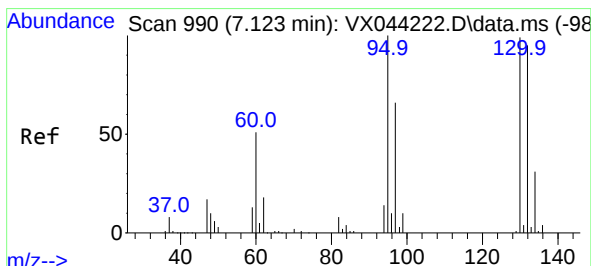
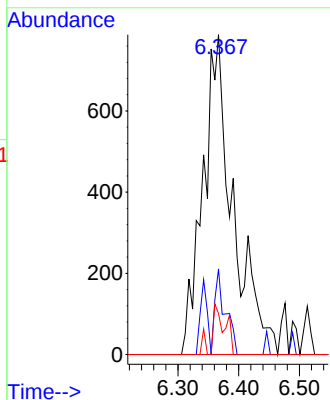
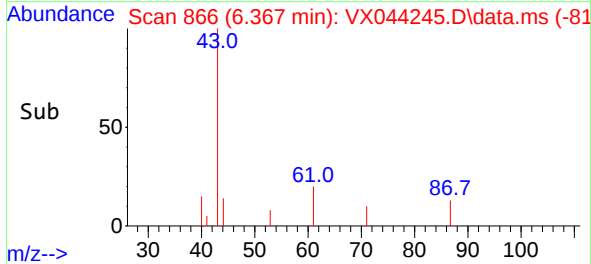
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 2710
Ion Ratio Lower Upper
43 100
61 9.5 14.2 21.2
87 6.0 10.2 15.2

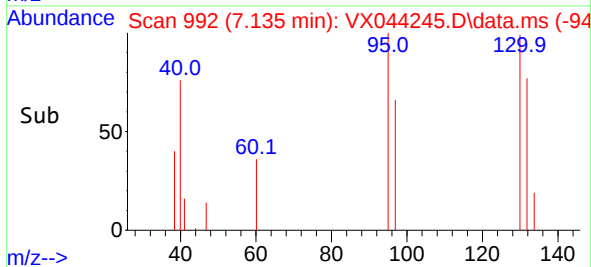
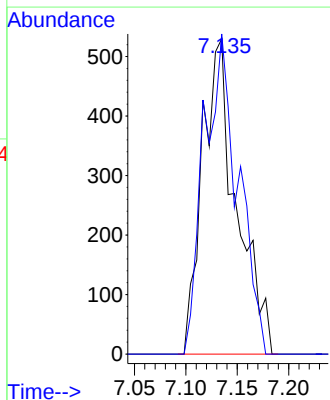
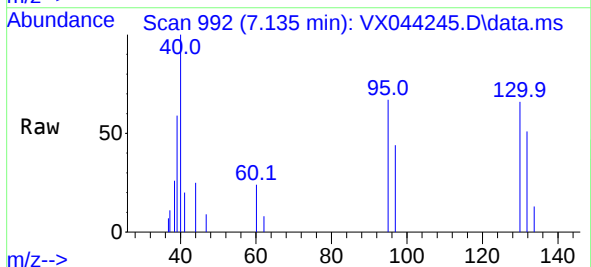
Manual Integrations
APPROVED

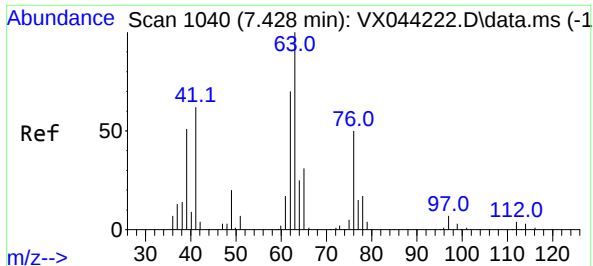
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#44
Trichloroethene
Concen: 0.739 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion:130 Resp: 1226
Ion Ratio Lower Upper
130 100
95 101.5 0.0 201.4





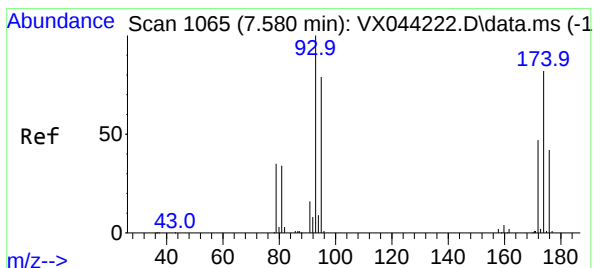
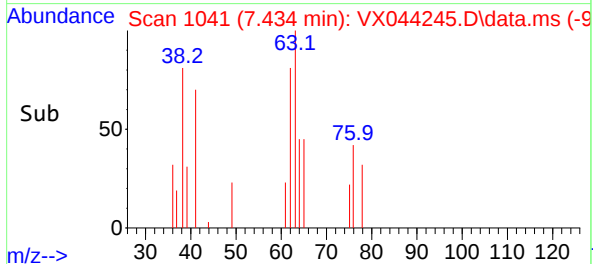
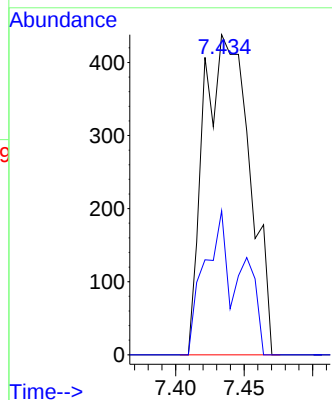
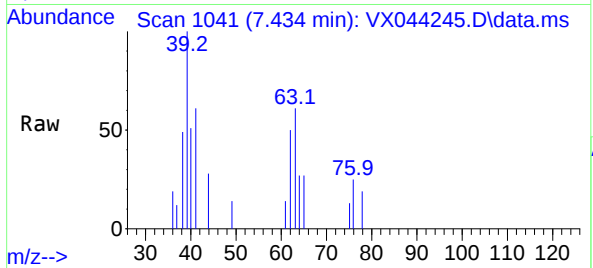
#45
1,2-Dichloropropane
Concen: 0.597 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 63 Resp: 101
Ion Ratio Lower Upper
63 100
65 45.0 24.6 37.0

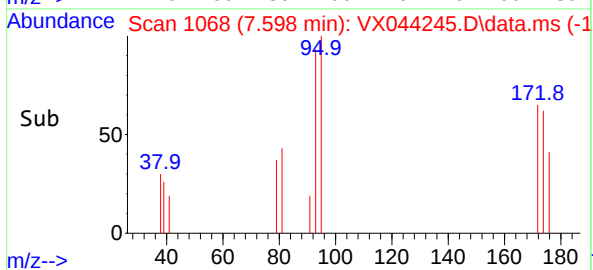
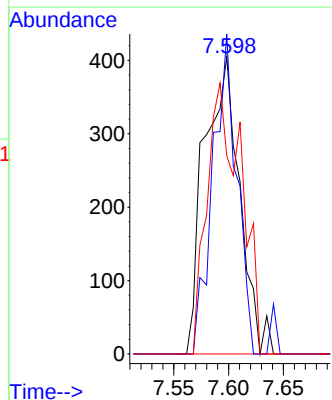
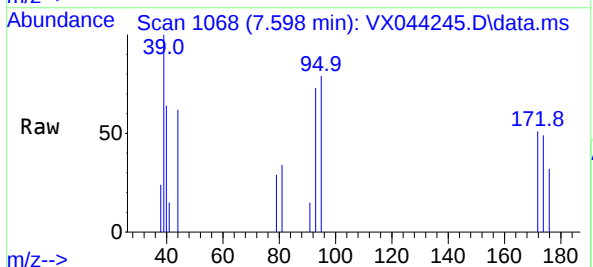
Manual Integrations
APPROVED

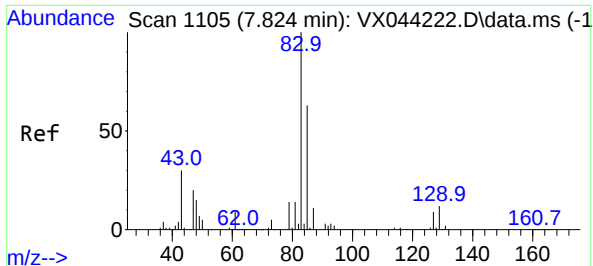
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#46
Dibromomethane
Concen: 0.687 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 93 Resp: 906
Ion Ratio Lower Upper
93 100
95 73.4 65.4 98.2
174 88.1 67.9 101.9





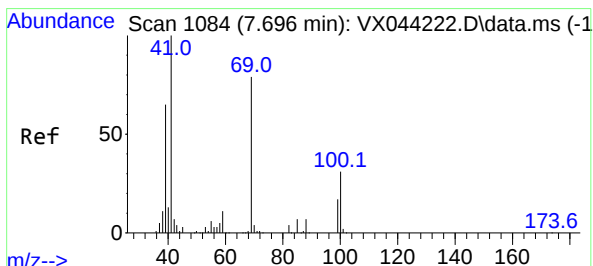
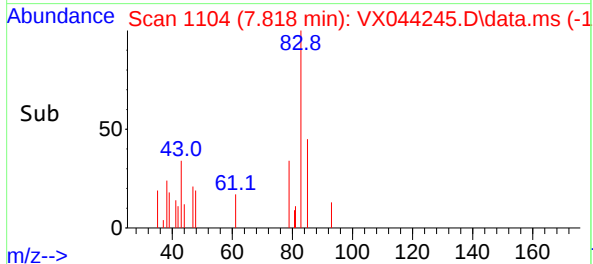
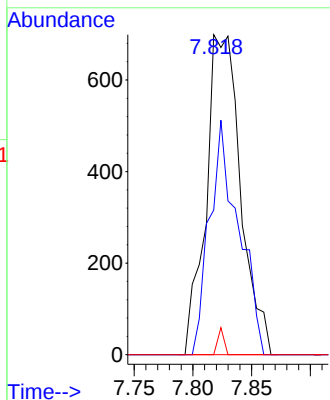
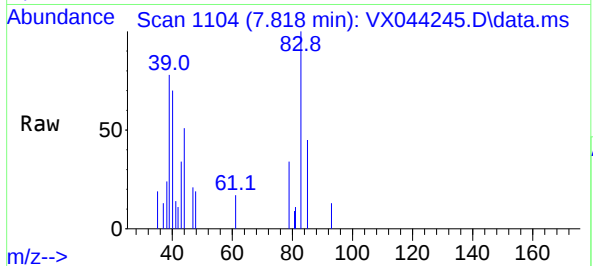
#47
Bromodichloromethane
Concen: 0.631 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 1430
Ion Ratio Lower Upper
83 100
85 45.2 50.6 75.8#
127 0.0 7.3 10.9#

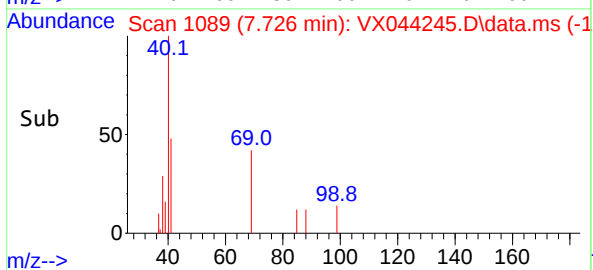
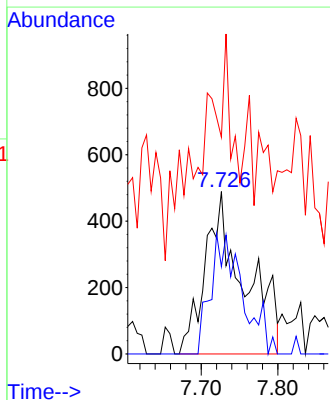
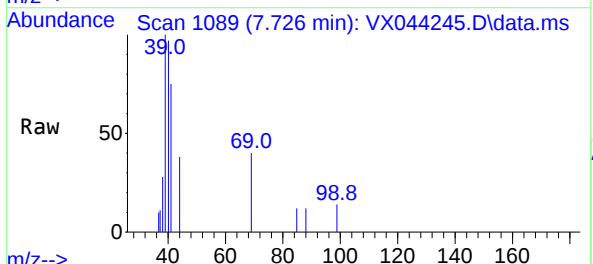
Manual Integrations
APPROVED

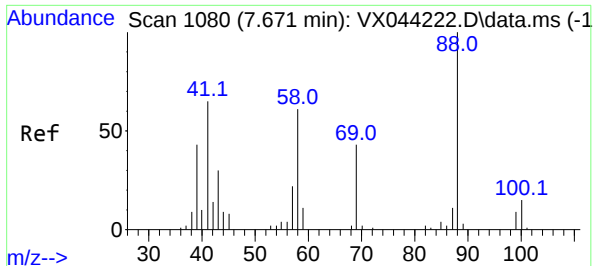
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#48
Methyl methacrylate
Concen: 0.837 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.030 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 41 Resp: 1719
Ion Ratio Lower Upper
41 100
69 52.1 62.4 93.6#
39 25.5 53.3 79.9#





#49

1,4-Dioxane

Concen: 10.953 ug/l

RT: 7.696 min Scan# 1080

Delta R.T. 0.024 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 88 Resp: 37

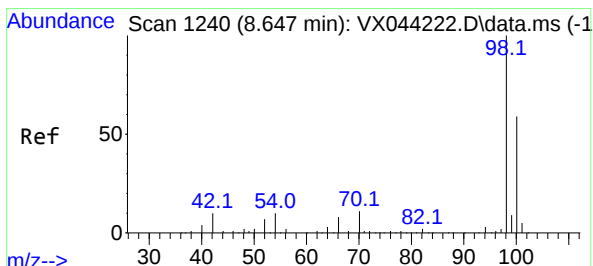
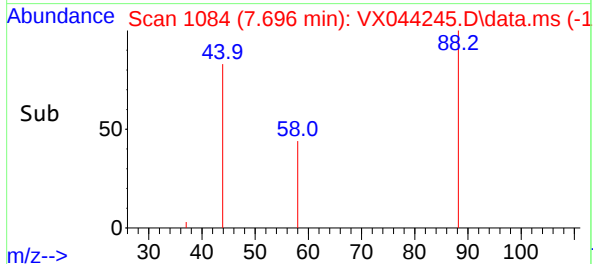
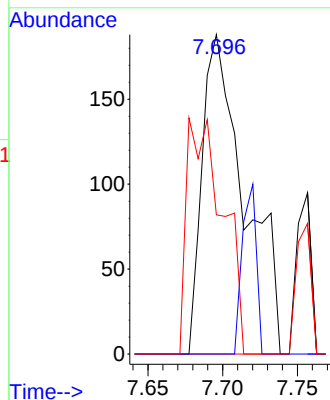
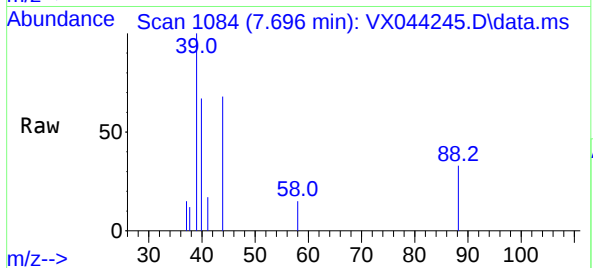
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7
58	62.5	41.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#50

Toluene-d8

Concen: 51.821 ug/l

RT: 8.647 min Scan# 1240

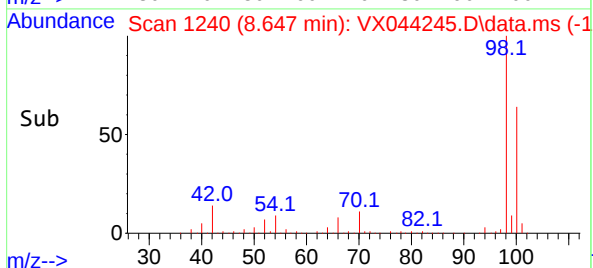
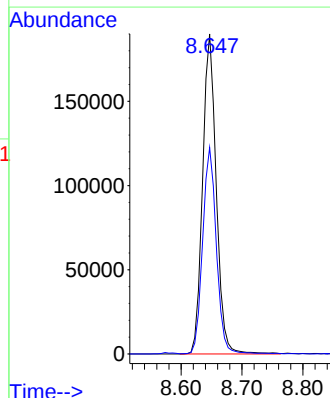
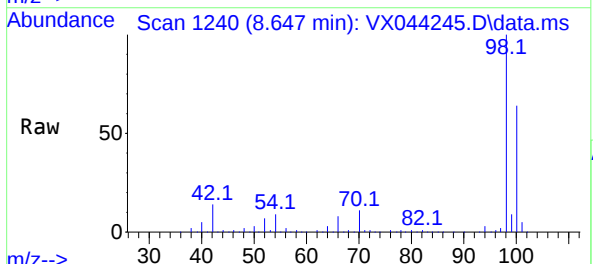
Delta R.T. -0.000 min

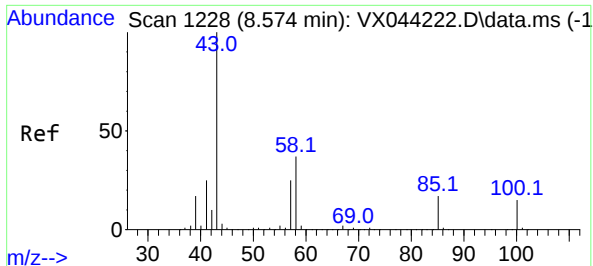
Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Tgt Ion: 98 Resp: 296220

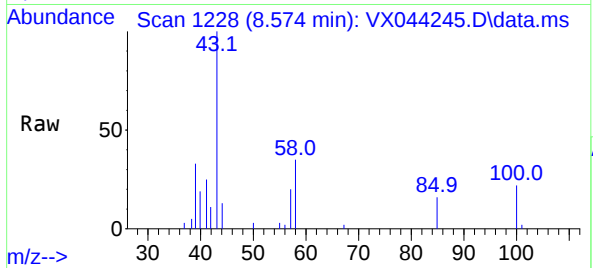
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 2.740 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

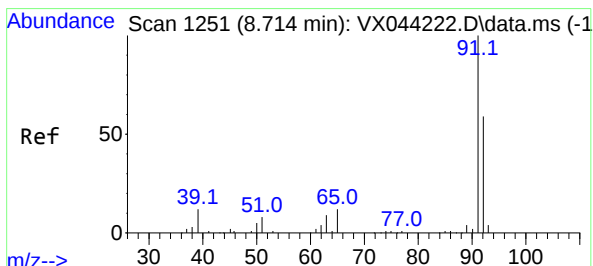
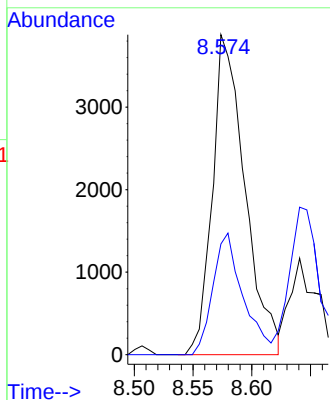
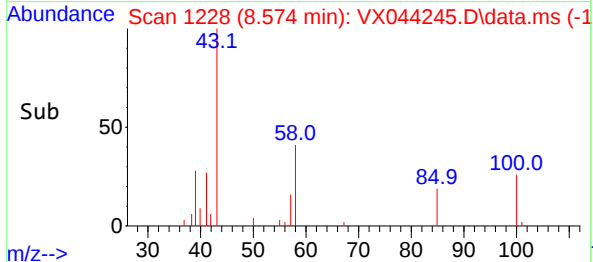
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



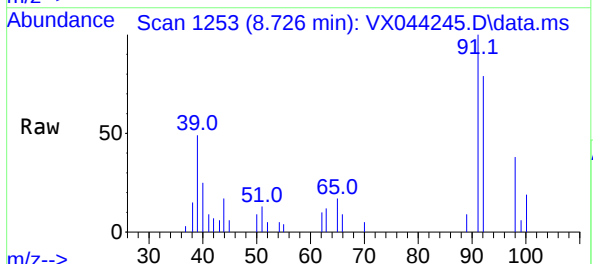
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.0

Manual Integrations
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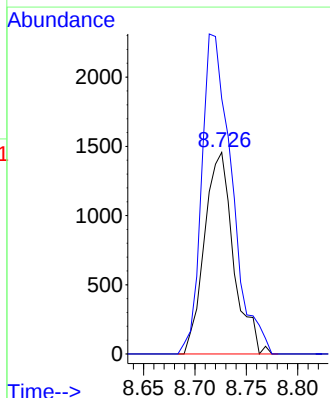
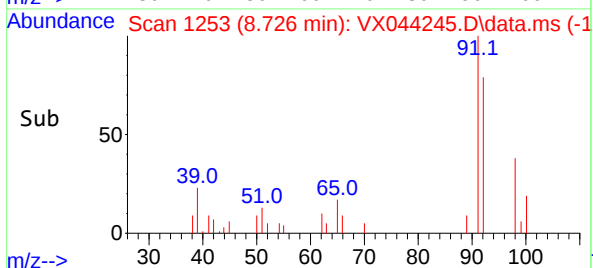
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

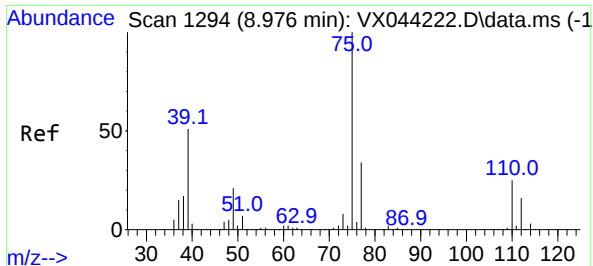


#52
Toluene
Concen: 0.685 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



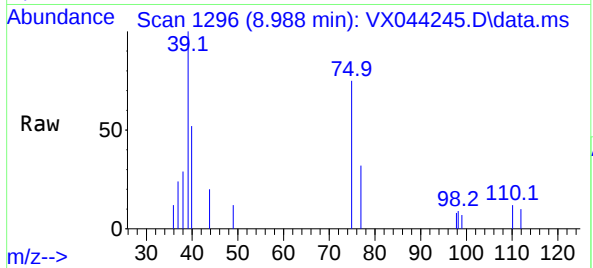
Tgt Ion: 92 Resp: 2860
Ion Ratio Lower Upper
92 100
91 164.2 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 0.580 ug/l
RT: 8.988 min Scan# 1196
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

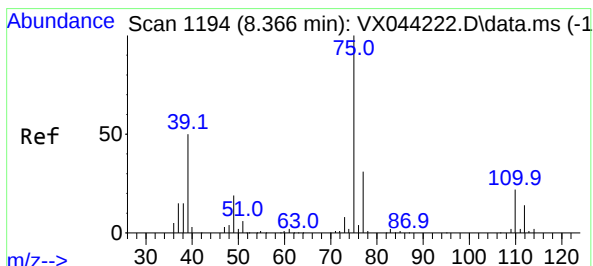
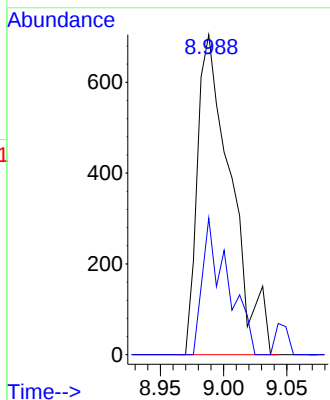
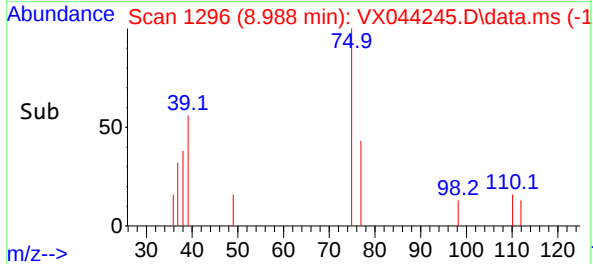
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



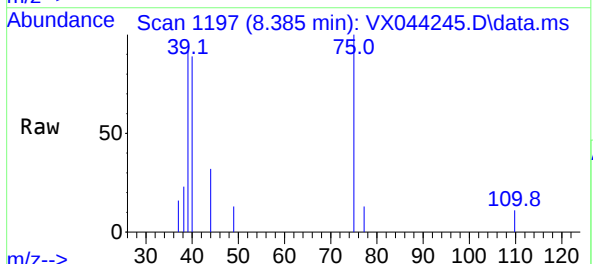
Tgt Ion: 75 Resp: 1296
Ion Ratio Lower Upper
75 100
77 42.7 27.2 40.8

Manual Integrations
APPROVED

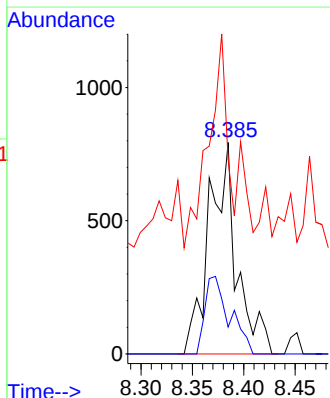
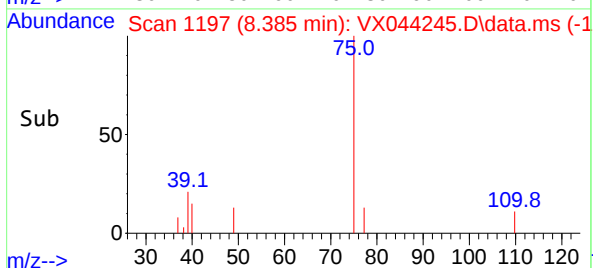
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

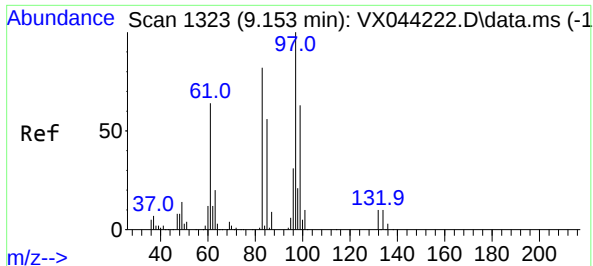


#54
cis-1,3-Dichloropropene
Concen: 0.596 ug/l
RT: 8.385 min Scan# 1197
Delta R.T. 0.018 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



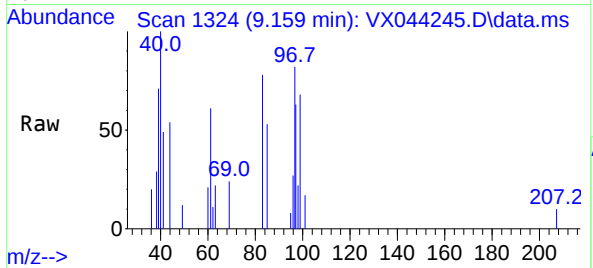
Tgt Ion: 75 Resp: 1477
Ion Ratio Lower Upper
75 100
77 12.7 24.7 37.1#
39 27.0 40.3 60.5#





#55
1,1,2-Trichloroethane
Concen: 0.764 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

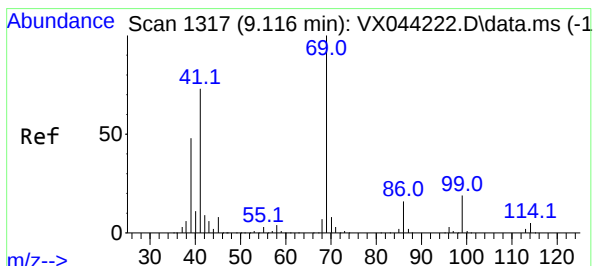
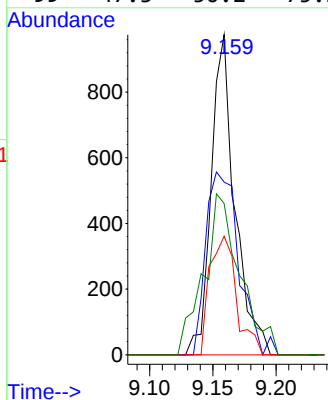
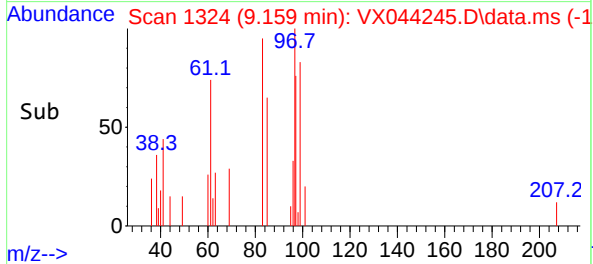


Tgt Ion: 97 Resp: 126

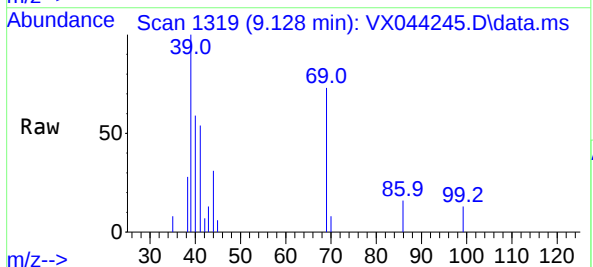
Ion	Ratio	Lower	Upper
97	100		
83	53.9	65.3	97.9
85	37.0	44.6	67.0
99	47.3	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

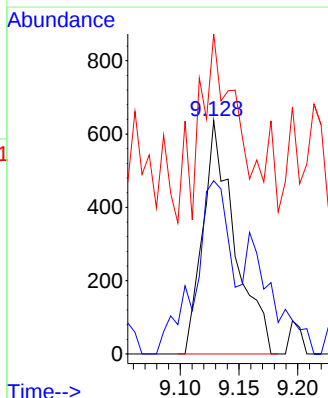
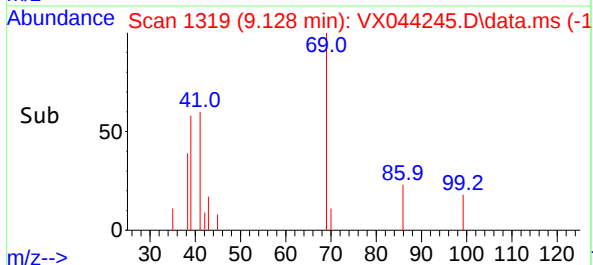


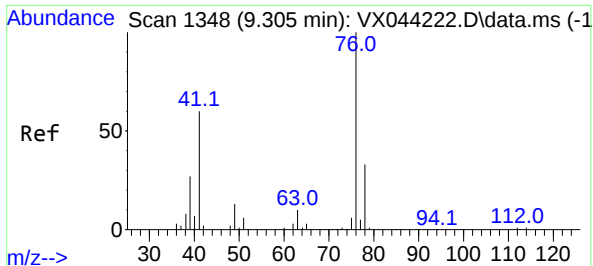
#56
Ethyl methacrylate
Concen: 0.457 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion: 69 Resp: 1196

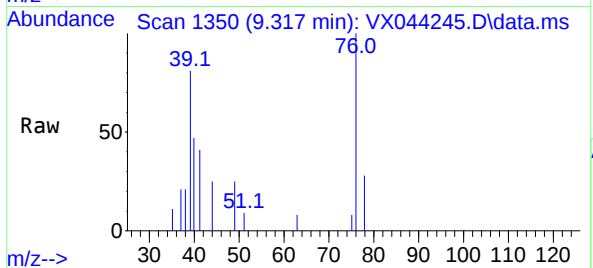
Ion	Ratio	Lower	Upper
69	100		
41	80.3	56.6	85.0
39	88.5	37.4	56.0





#57
1,3-Dichloropropane
Concen: 0.705 ug/l
RT: 9.317 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

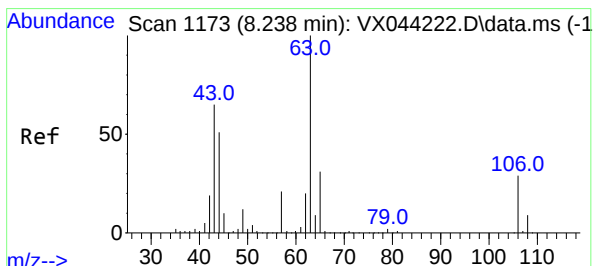
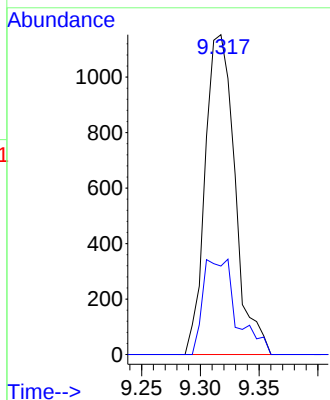
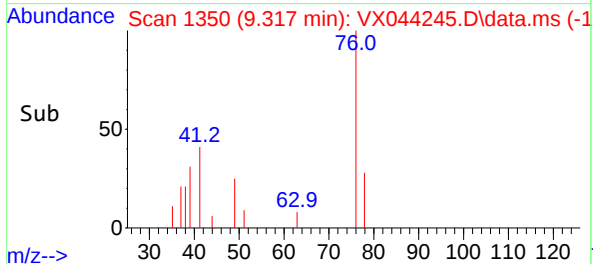
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



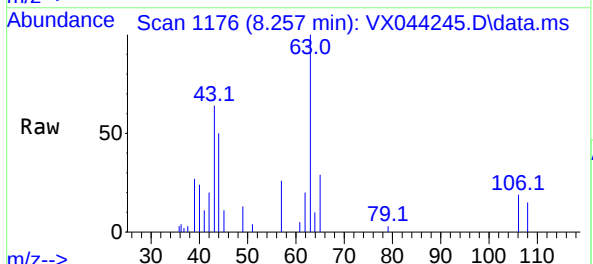
Tgt Ion: 76 Resp: 203
Ion Ratio Lower Upper
76 100
78 33.3 26.5 39.7

Manual Integrations
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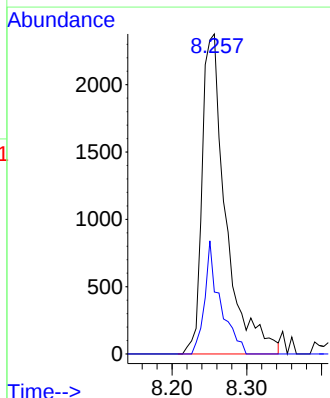
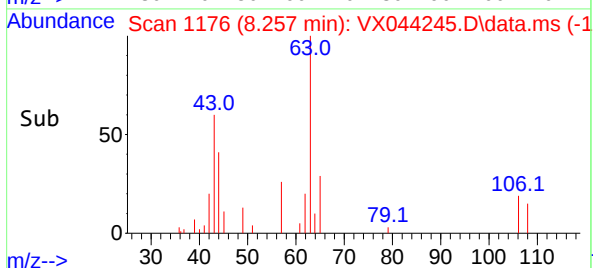
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

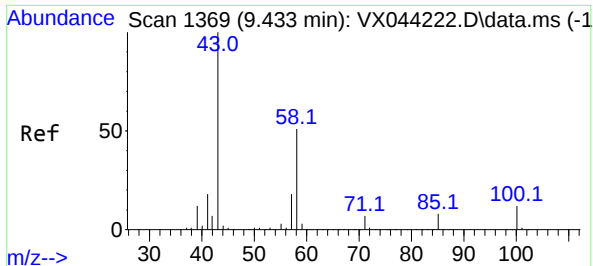


#58
2-Chloroethyl Vinyl ether
Concen: 3.955 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion: 63 Resp: 5224
Ion Ratio Lower Upper
63 100
106 23.3 22.8 34.2





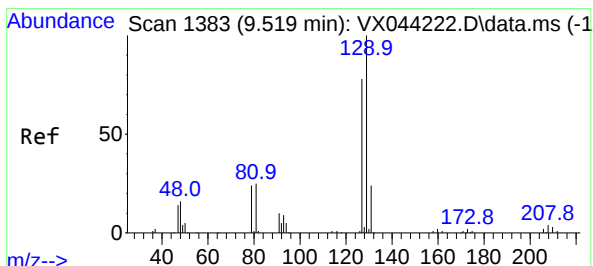
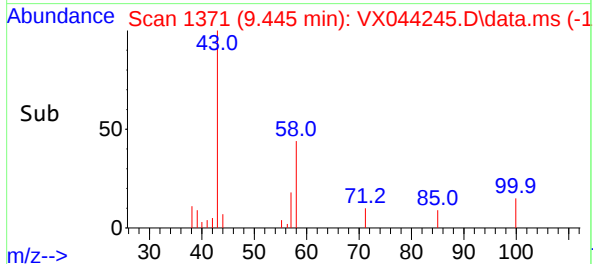
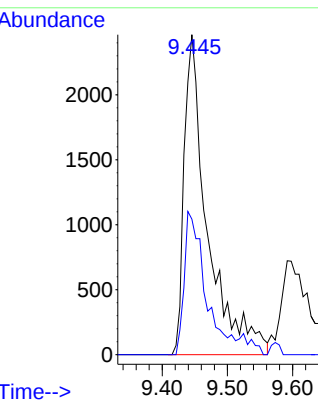
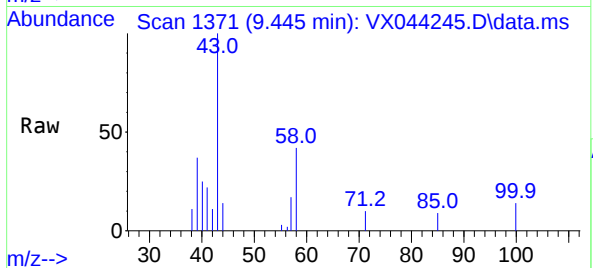
#59
2-Hexanone
Concen: 3.084 ug/l m
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 6074
Ion Ratio Lower Upper
43 100
58 41.5 25.7 77.0

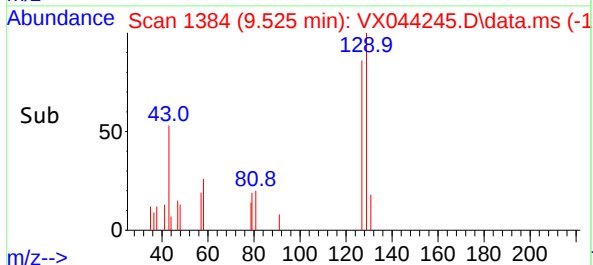
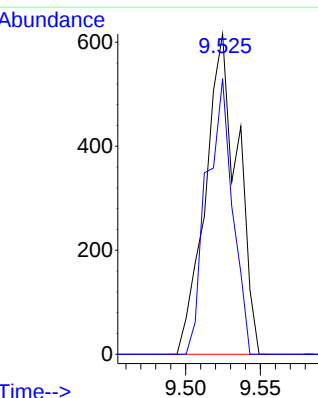
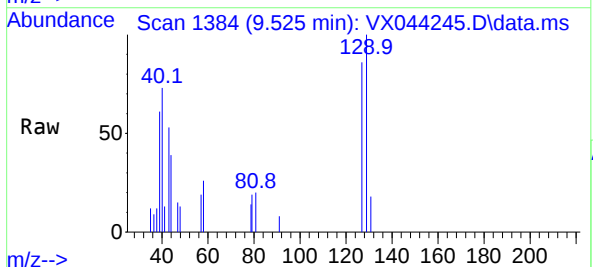
Manual Integrations
APPROVED

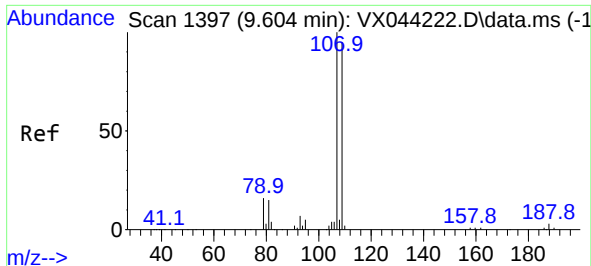
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#60
Dibromochloromethane
Concen: 0.580 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

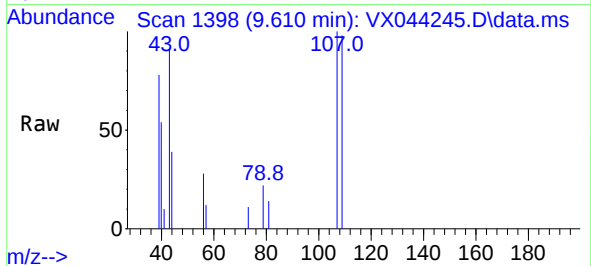
Tgt Ion:129 Resp: 924
Ion Ratio Lower Upper
129 100
127 68.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.556 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

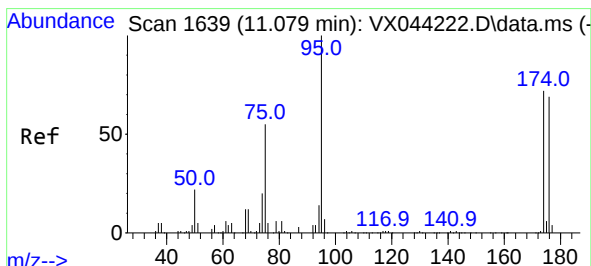
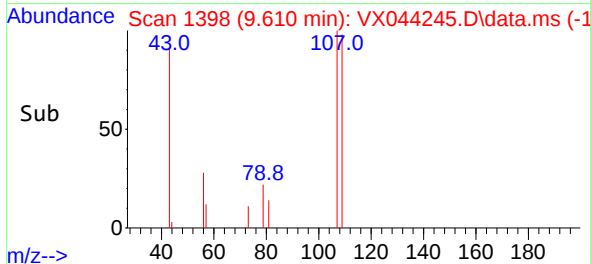
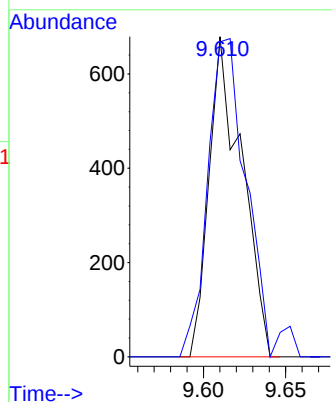
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:107 Resp: 939
Ion Ratio Lower Upper
107 100
109 119.7 77.0 115.4

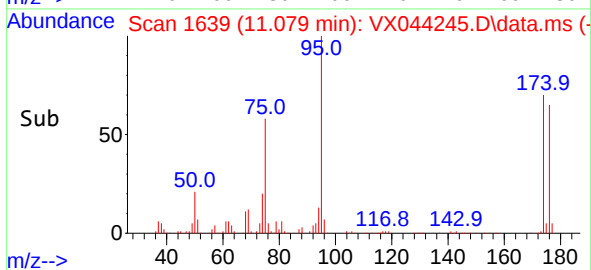
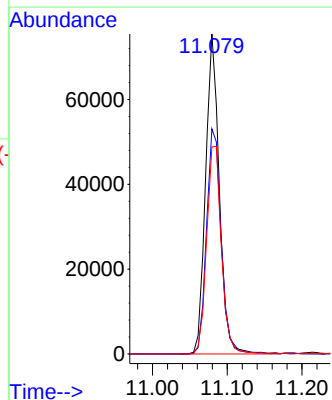
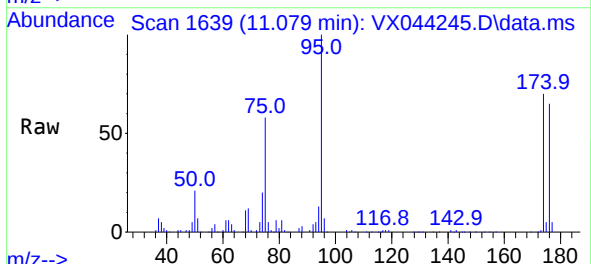
Manual Integrations
APPROVED

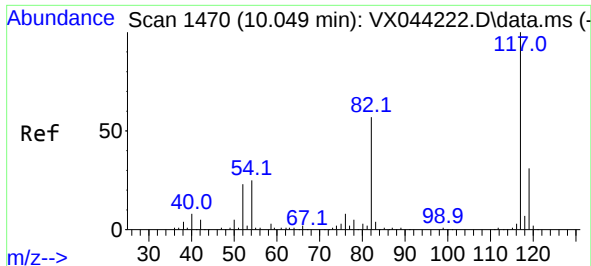
Reviewed By :John Carbone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#62
4-Bromofluorobenzene
Concen: 48.118 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

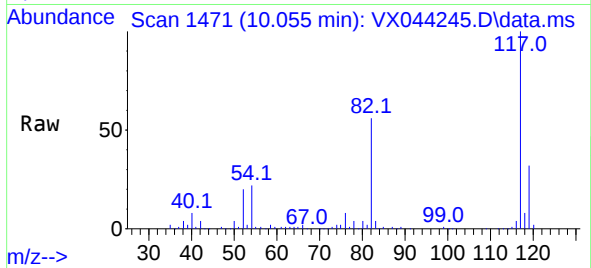
Tgt Ion: 95 Resp: 96110
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.8
176 70.1 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

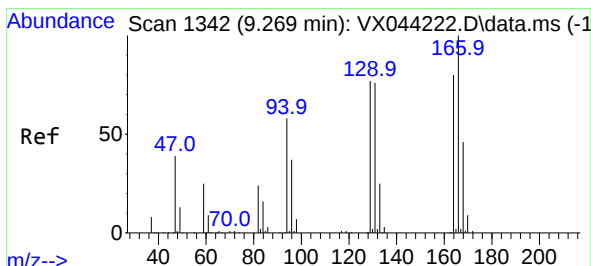
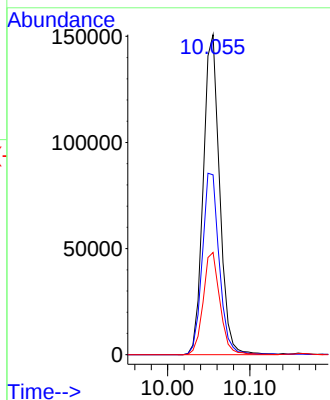
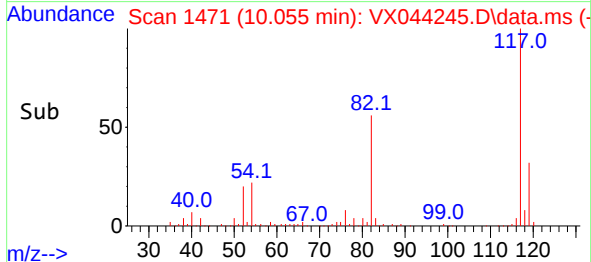
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:117 Resp: 20824
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.8
119 32.0 25.0 37.4

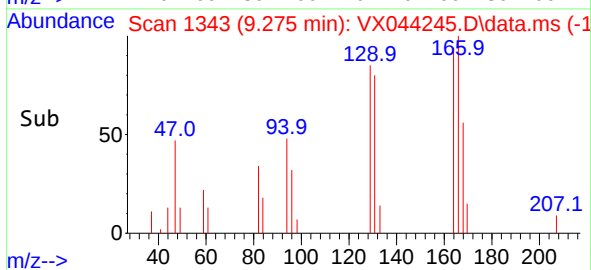
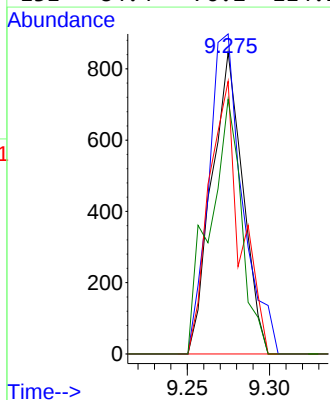
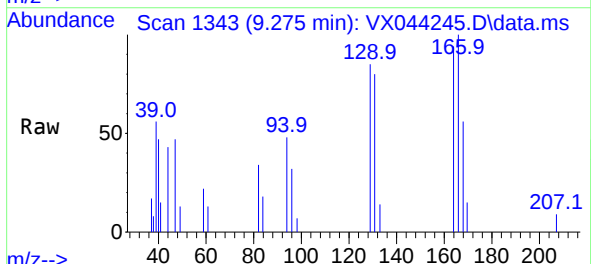
Manual Integrations
APPROVED

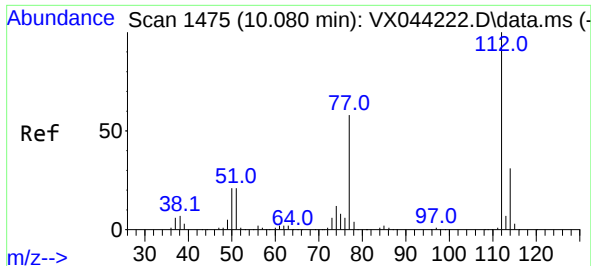
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#64
Tetrachloroethene
Concen: 0.807 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion:164 Resp: 1115
Ion Ratio Lower Upper
164 100
166 106.0 100.4 150.6
129 90.3 77.2 115.8
131 84.4 76.2 114.2





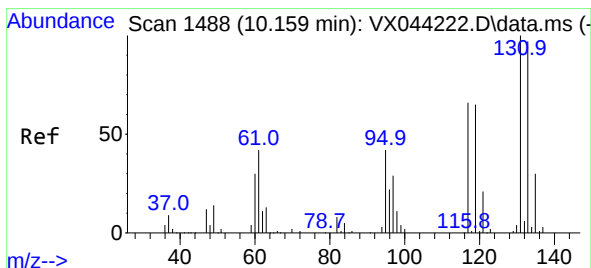
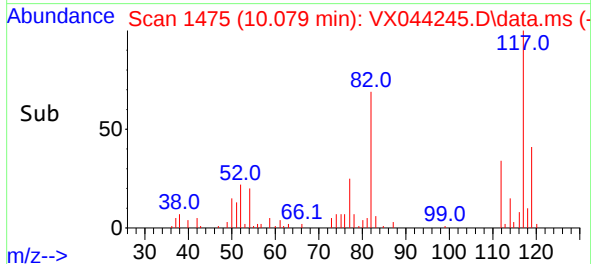
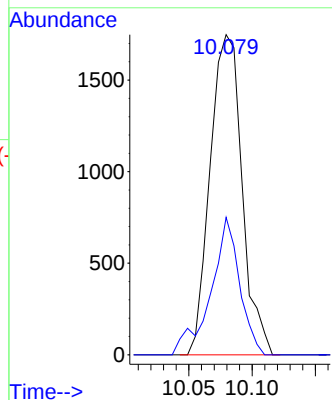
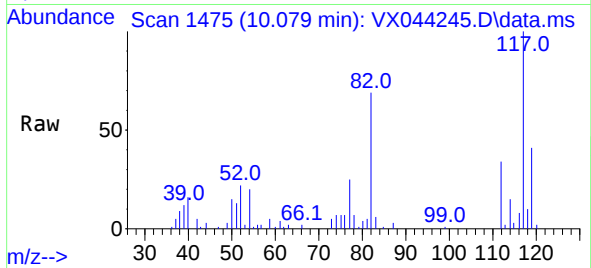
#65
Chlorobenzene
Concen: 0.688 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:112 Resp: 3068
Ion Ratio Lower Upper
112 100
114 42.9 25.0 37.6

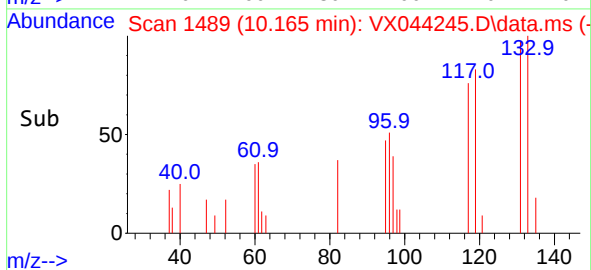
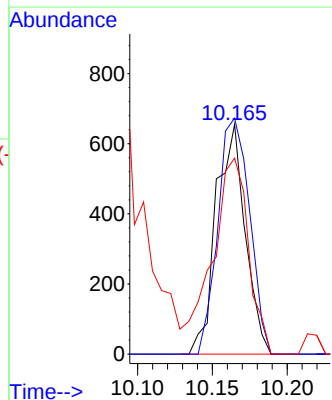
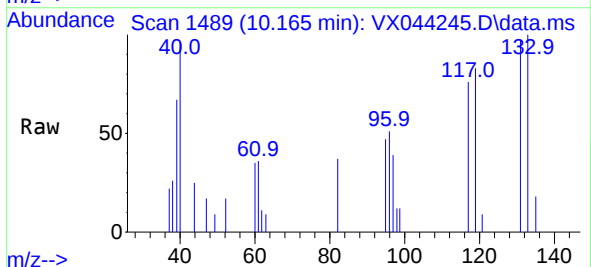
Manual Integrations
APPROVED

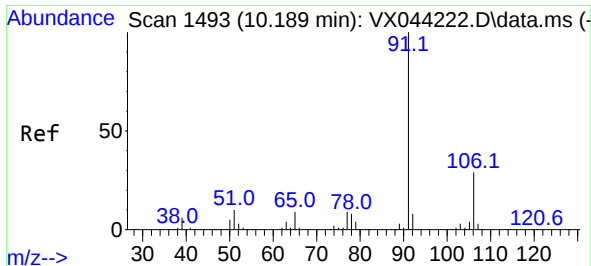
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.621 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

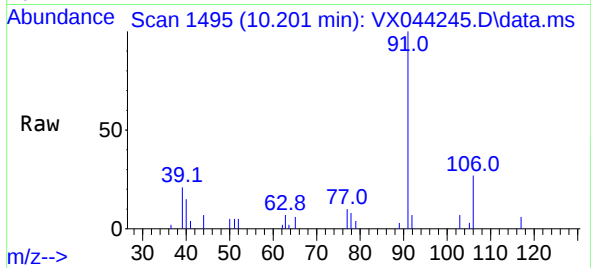
Tgt Ion:131 Resp: 891
Ion Ratio Lower Upper
131 100
133 111.3 47.3 141.8
119 0.0 31.6 95.0#





#67
Ethyl Benzene
Concen: 0.672 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

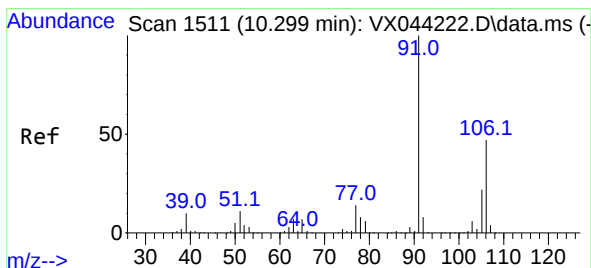
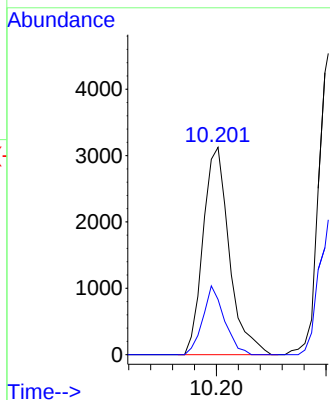
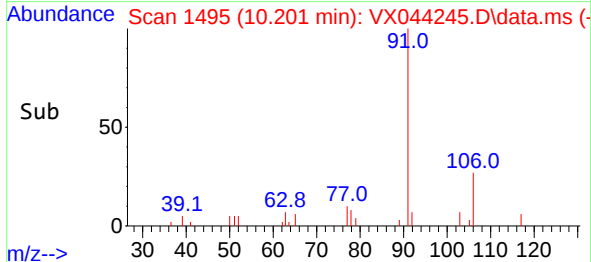
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



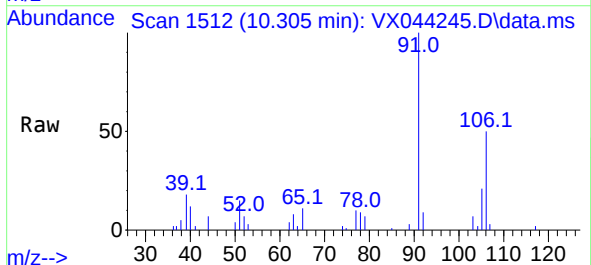
Tgt Ion: 91 Resp: 5180
Ion Ratio Lower Upper
91 100
106 26.6 23.5 35.3

Manual Integrations
APPROVED

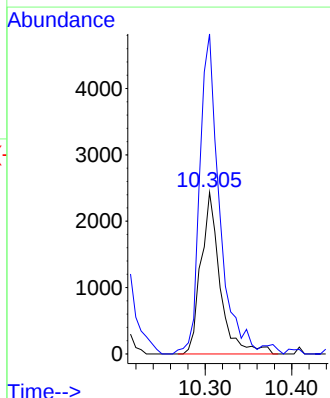
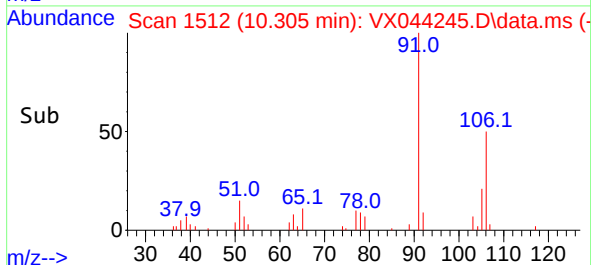
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

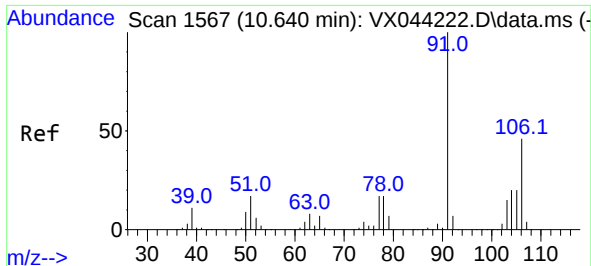


#68
m/p-Xylenes
Concen: 1.322 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion:106 Resp: 3741
Ion Ratio Lower Upper
106 100
91 202.8 170.2 255.2





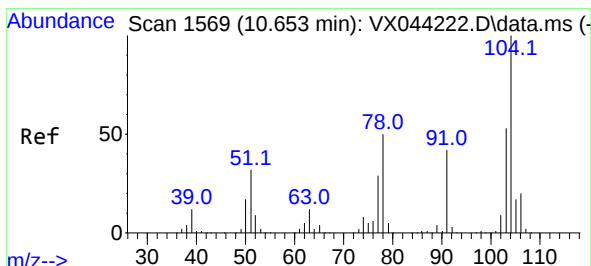
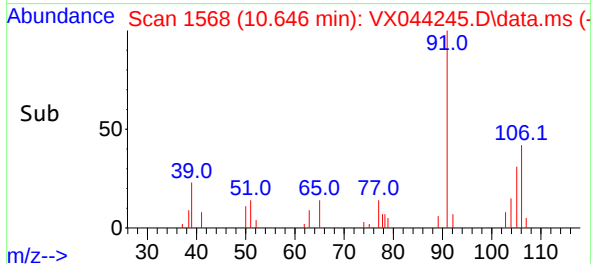
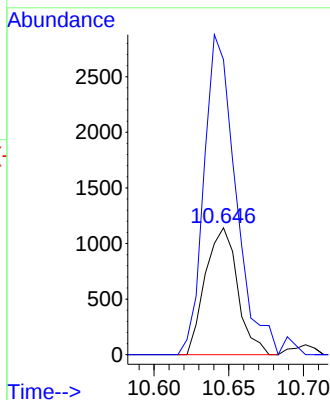
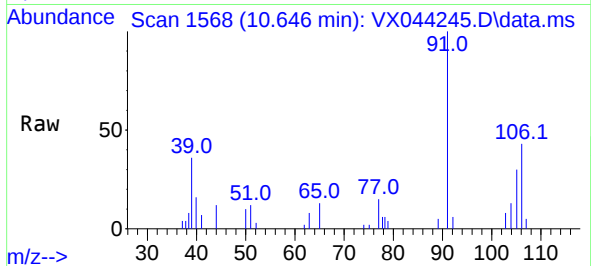
#69
o-Xylene
Concen: 0.597 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 1709
Ion Ratio Lower Upper
106 100
91 253.5 112.3 337.0

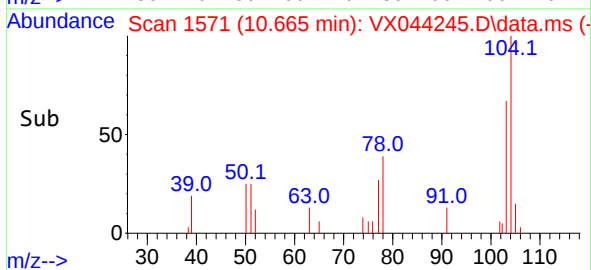
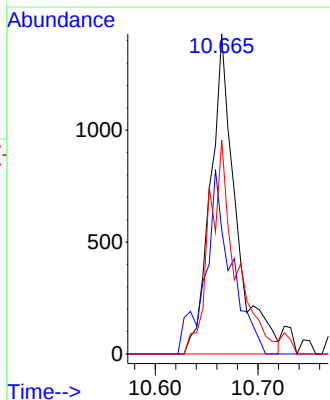
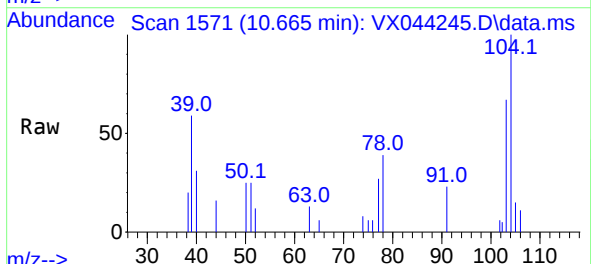
Manual Integrations
APPROVED

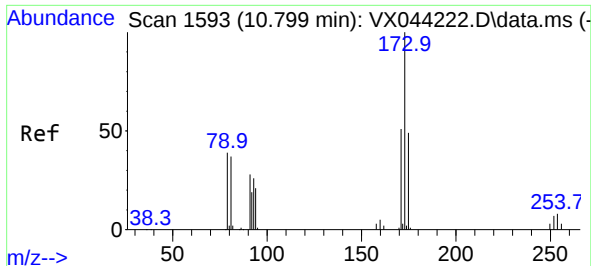
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#70
Styrene
Concen: 0.535 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

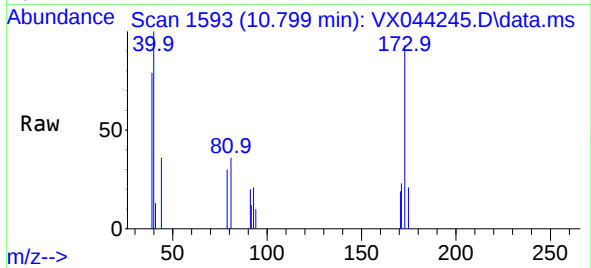
Tgt Ion:104 Resp: 2455
Ion Ratio Lower Upper
104 100
78 58.9 44.6 67.0
103 70.1 45.4 68.0#





#71
Bromoform
Concen: 0.710 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

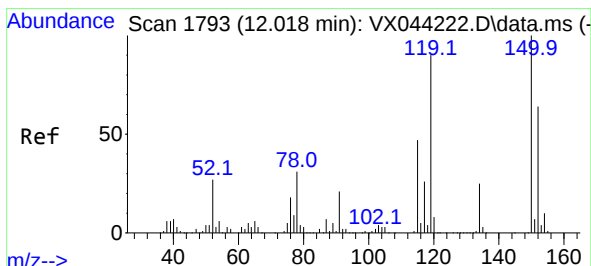
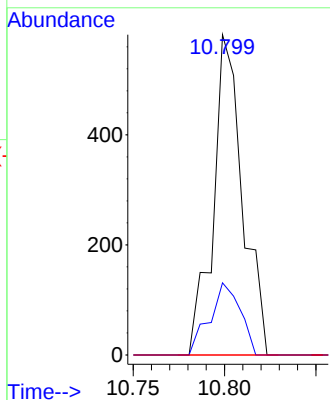
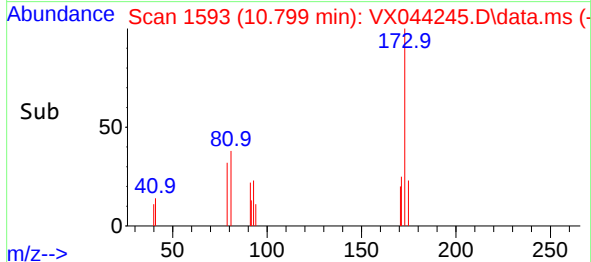
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



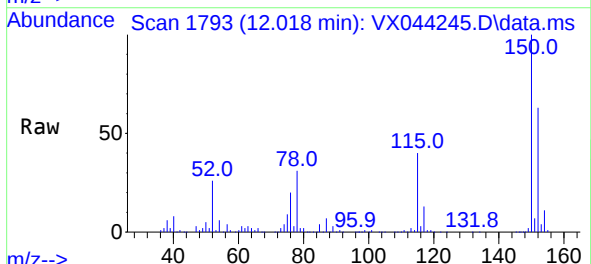
Tgt Ion:173 Resp: 649
Ion Ratio Lower Upper
173 100
175 23.6 23.8 71.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

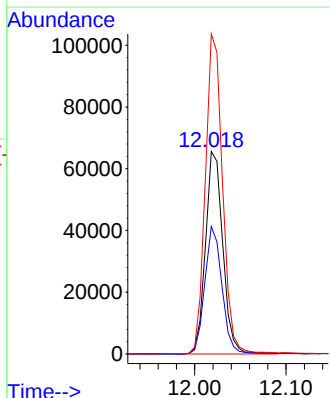
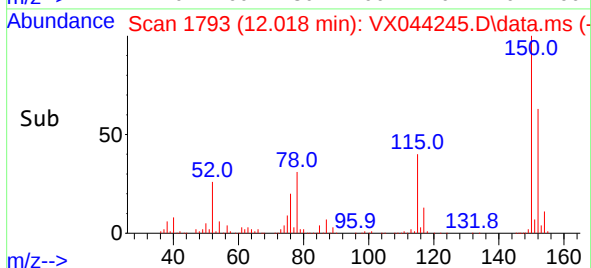
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

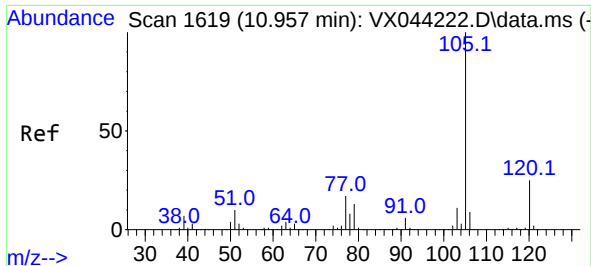


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion:152 Resp: 86311
Ion Ratio Lower Upper
152 100
115 62.3 44.5 133.3
150 156.7 0.0 353.8





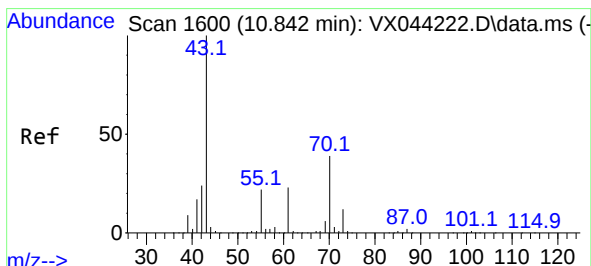
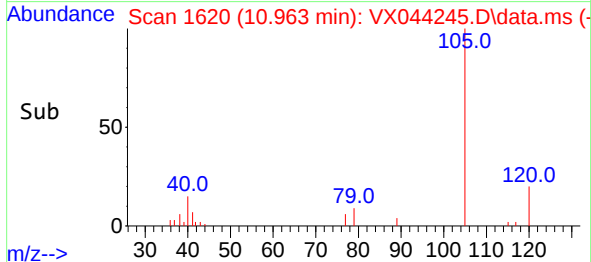
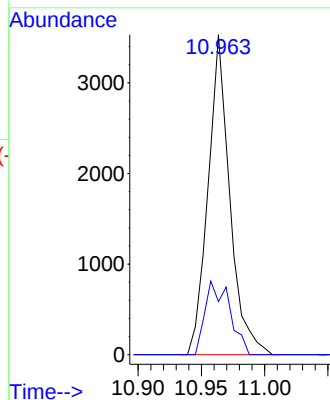
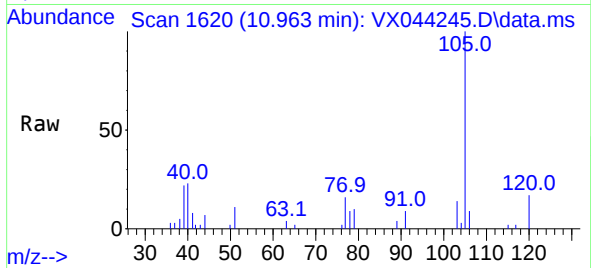
#73
Isopropylbenzene
Concen: 0.639 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 4225
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

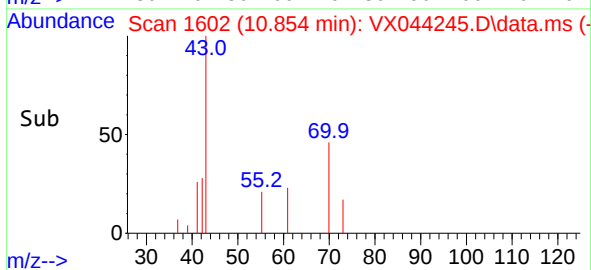
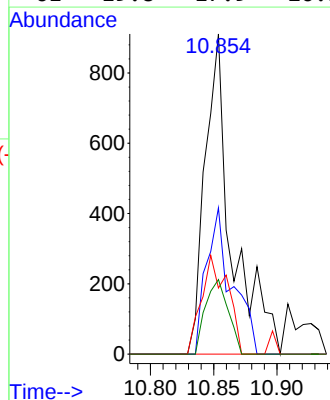
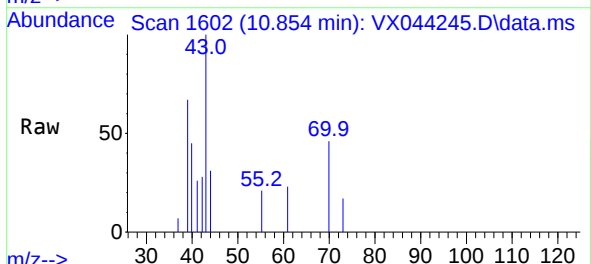
Manual Integrations
APPROVED

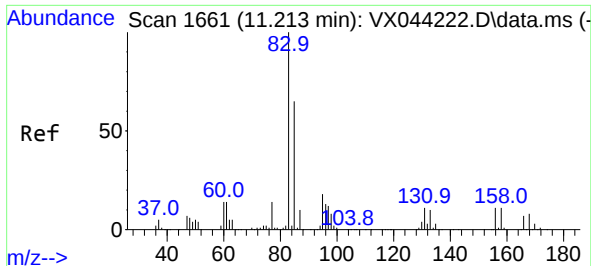
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-ethyl acetate
Concen: 0.439 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

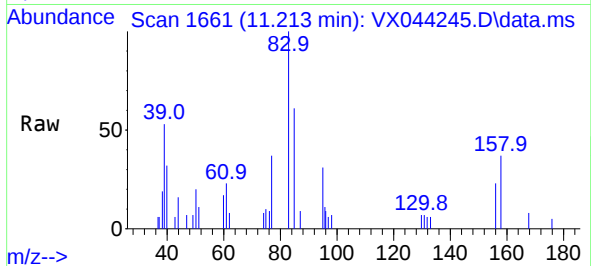
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
70 43.7 31.9 47.9
55 29.9 17.9 26.9#
61 19.8 17.9 26.9





#75
1,1,2,2-Tetrachloroethane
Concen: 0.695 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

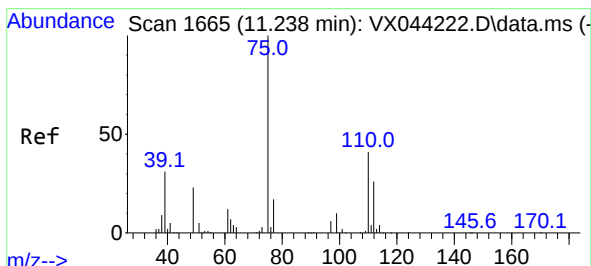
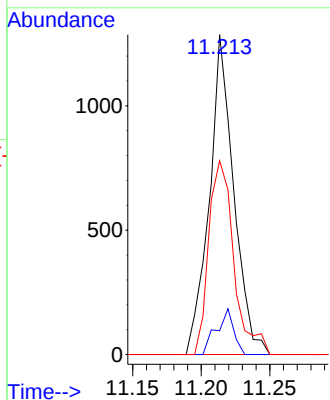
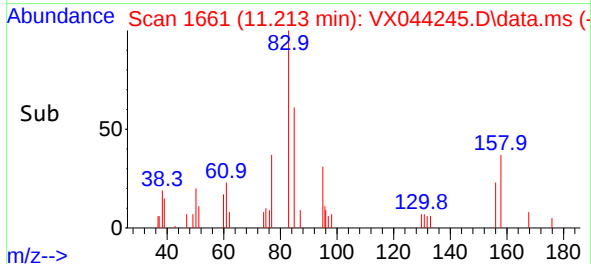
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



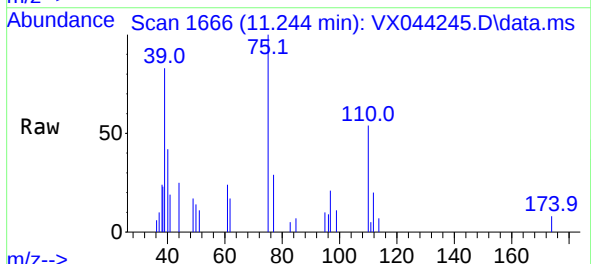
Tgt Ion: 83 Resp: 159
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 62.4 32.5 97.4

Manual Integrations
APPROVED

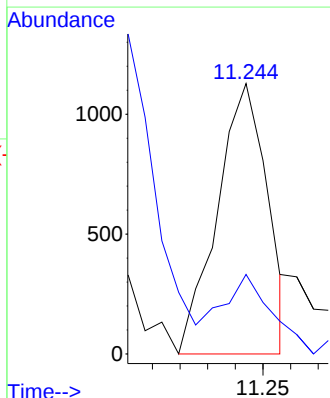
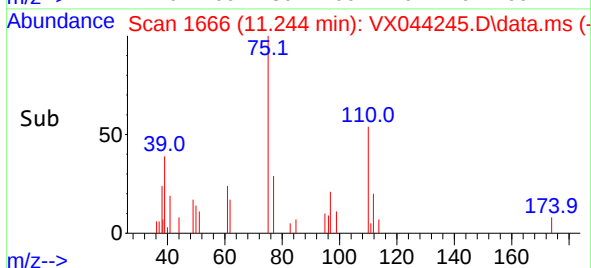
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

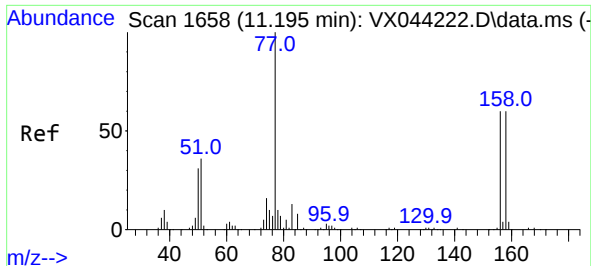


#76
1,2,3-Trichloropropane
Concen: 0.742 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



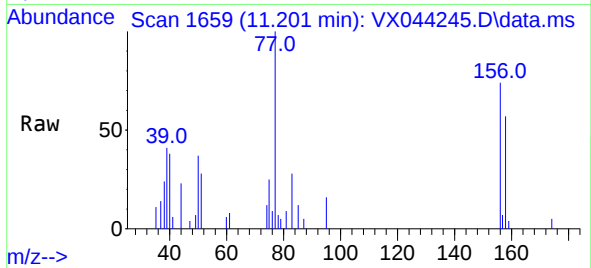
Tgt Ion: 75 Resp: 1430
Ion Ratio Lower Upper
75 100
77 29.9 20.9 62.7





#77
Bromobenzene
Concen: 0.841 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

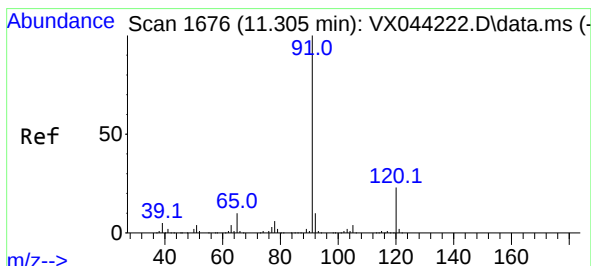
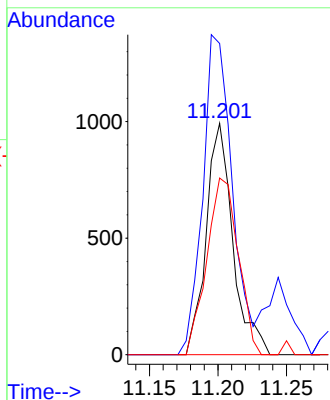
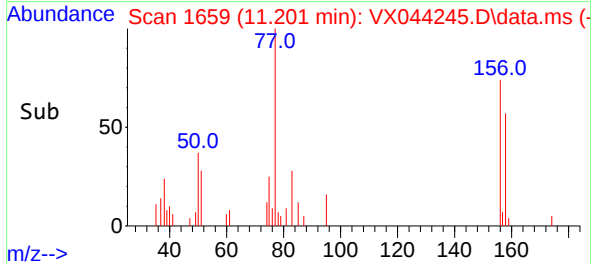
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



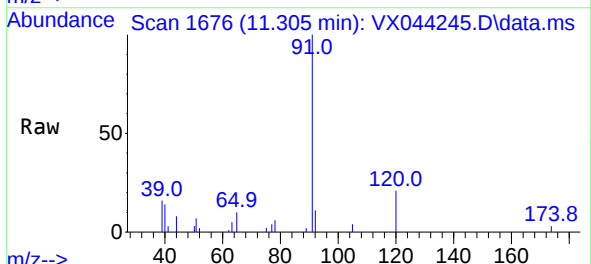
Tgt Ion:156 Resp: 134
Ion Ratio Lower Upper
156 100
77 151.9 82.6 247.8
158 89.8 48.8 146.4

Manual Integrations
APPROVED

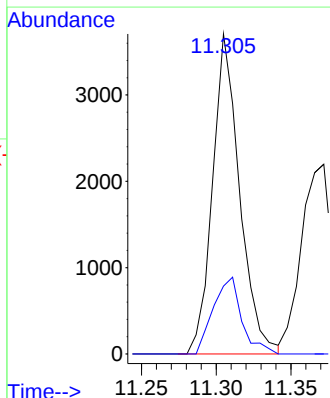
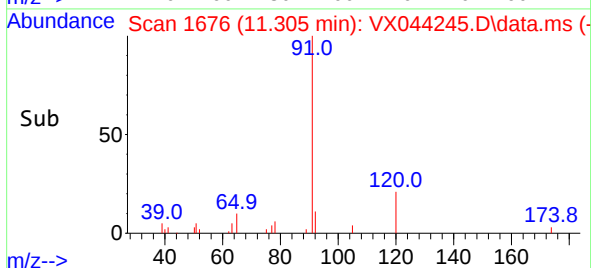
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

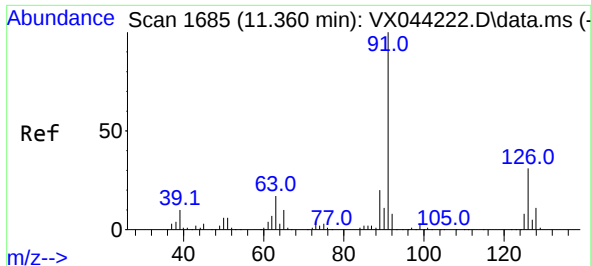


#78
n-propylbenzene
Concen: 0.639 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



Tgt Ion: 91 Resp: 4667
Ion Ratio Lower Upper
91 100
120 25.2 11.0 33.0





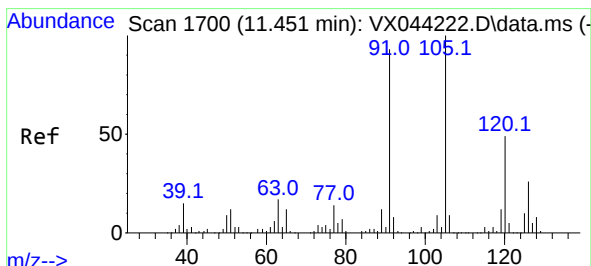
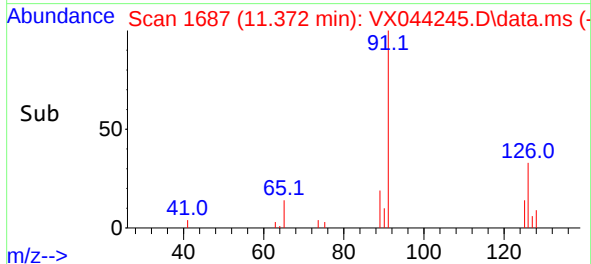
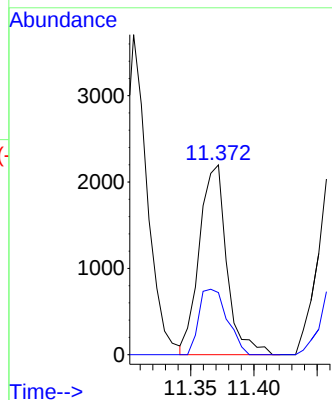
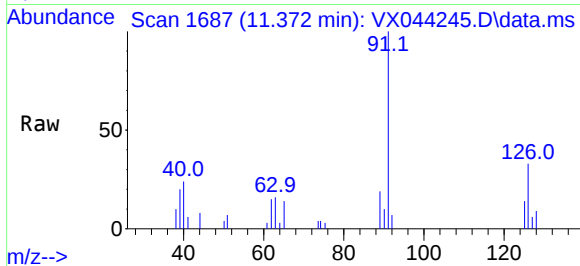
#79
2-Chlorotoluene
Concen: 0.704 ug/l
RT: 11.372 min Scan# 110
Delta R.T. 0.012 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 3320
Ion Ratio Lower Upper
91 100
126 35.5 16.4 49.1

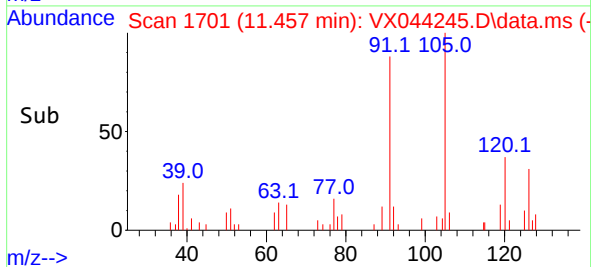
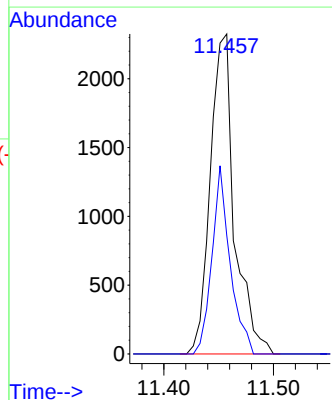
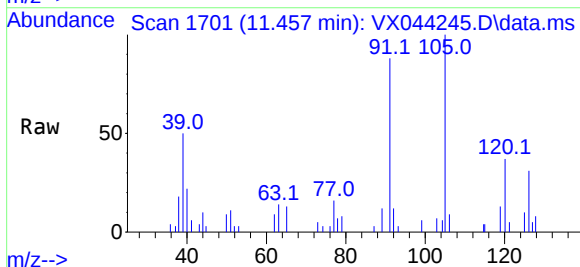
Manual Integrations
APPROVED

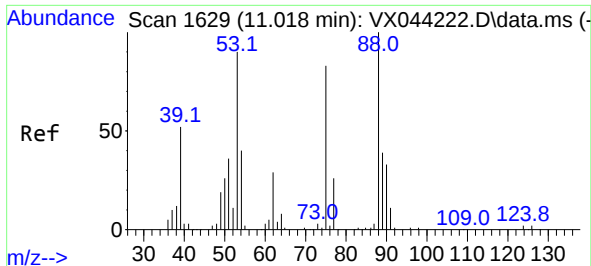
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.649 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

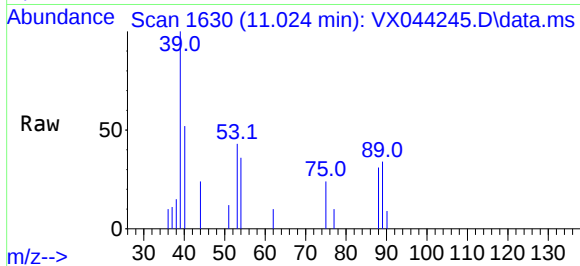
Tgt Ion:105 Resp: 3554
Ion Ratio Lower Upper
105 100
120 44.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.505 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

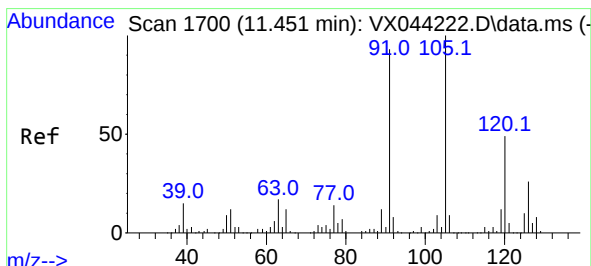
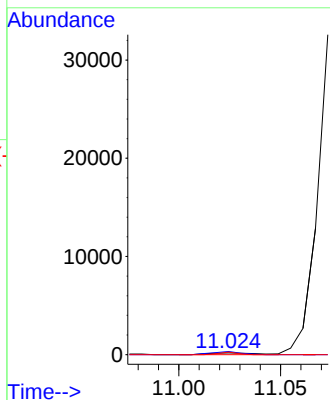
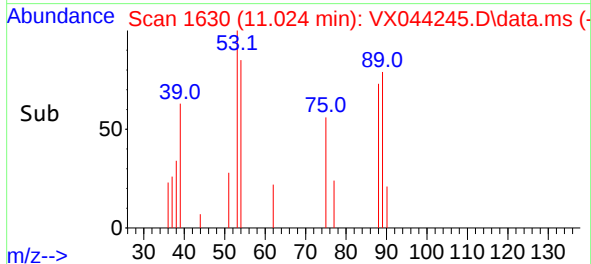
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4
89 0.0 37.3 55.9

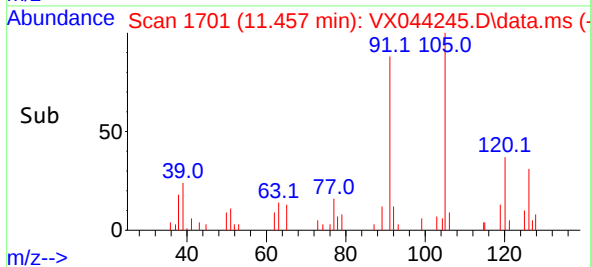
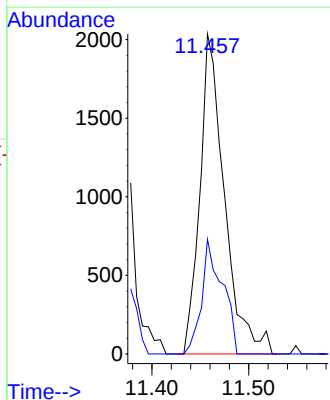
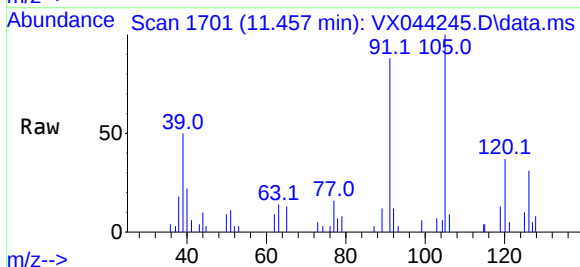
Manual Integrations
APPROVED

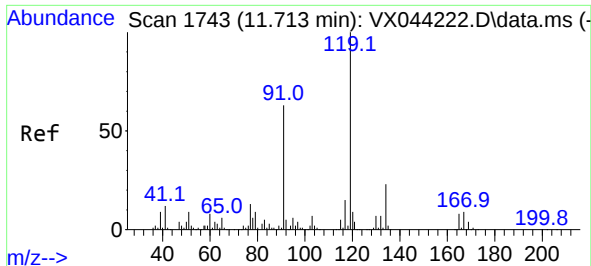
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#82
4-Chlorotoluene
Concen: 0.688 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion: 91 Resp: 3599
Ion Ratio Lower Upper
91 100
126 30.4 14.5 43.5





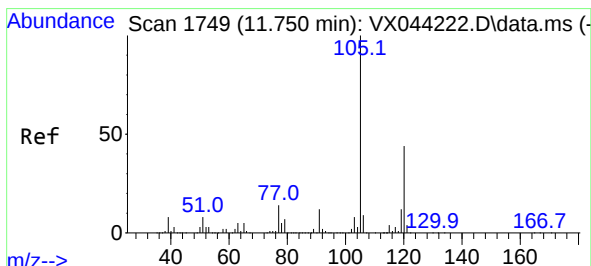
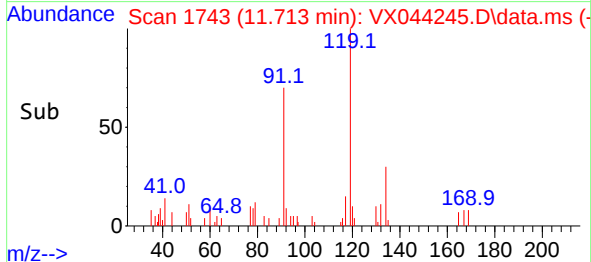
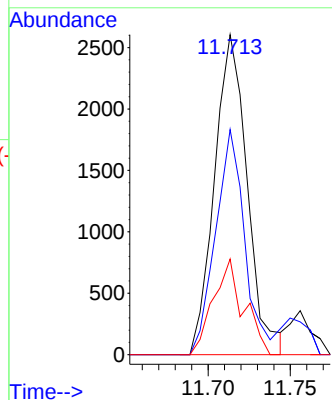
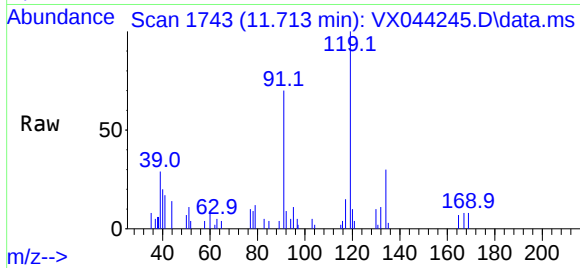
#83
tert-Butylbenzene
Concen: 0.666 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:119 Resp: 3608
Ion Ratio Lower Upper
119 100
91 62.5 30.9 92.5
134 27.9 11.5 34.4

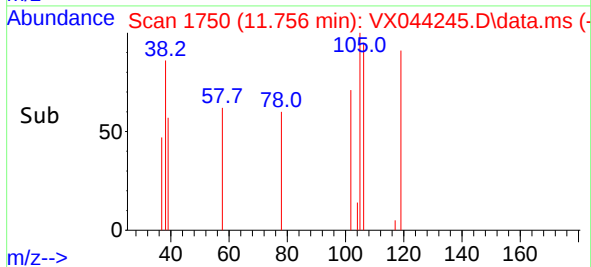
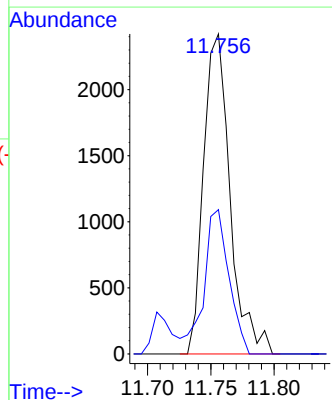
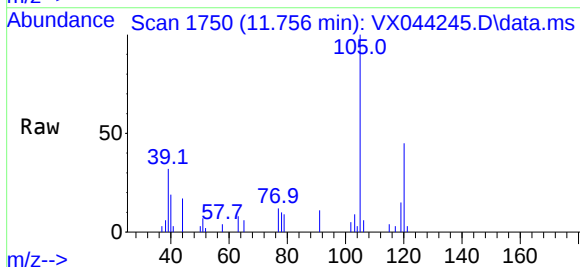
Manual Integrations
APPROVED

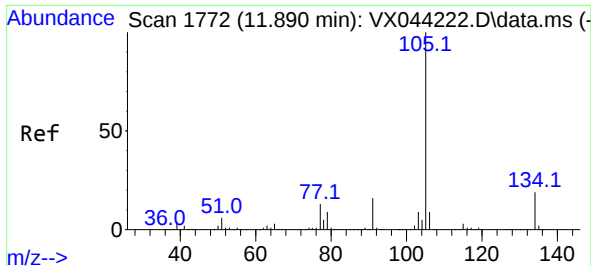
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.656 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

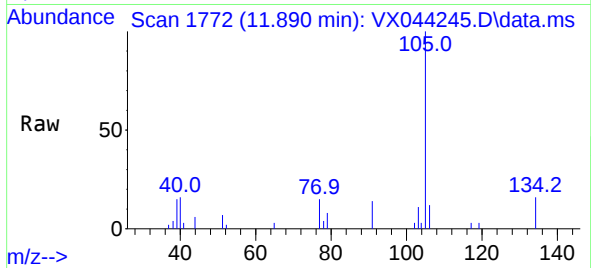
Tgt Ion:105 Resp: 3531
Ion Ratio Lower Upper
105 100
120 42.6 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 0.680 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044245.D
 Acq: 12 Dec 2024 12:24

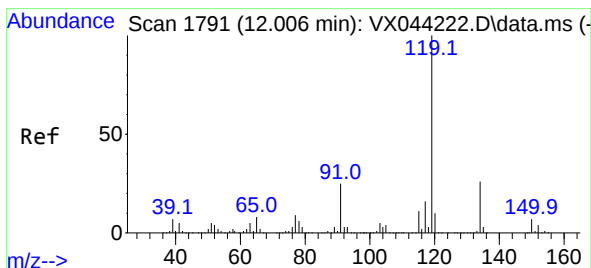
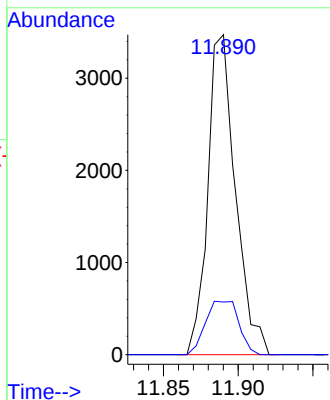
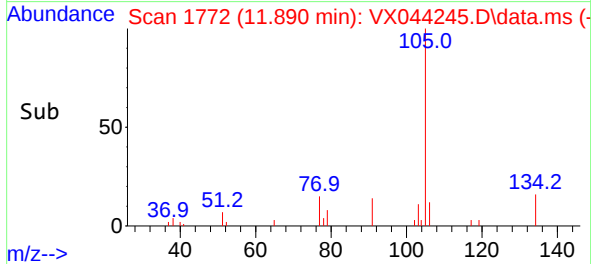
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024



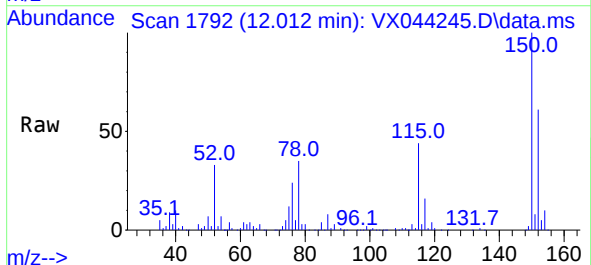
Tgt Ion:105 Resp: 4468
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

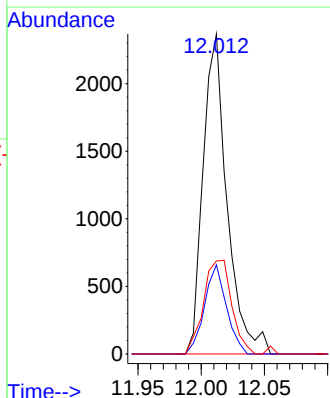
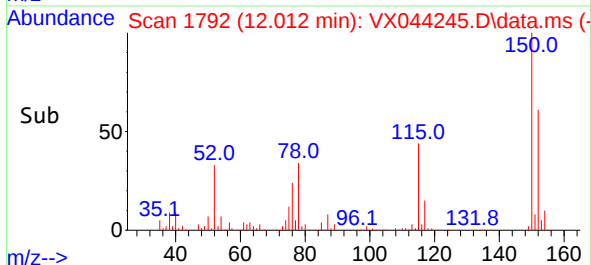
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

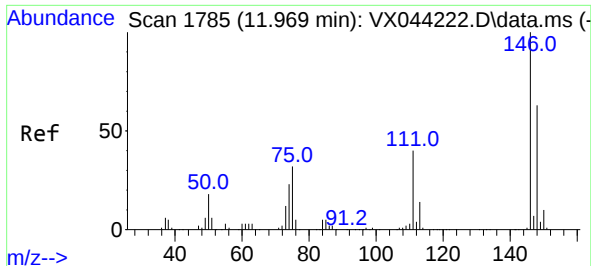


#86
 p-Isopropyltoluene
 Concen: 0.571 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX044245.D
 Acq: 12 Dec 2024 12:24



Tgt Ion:119 Resp: 3123
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 34.3 13.0 39.0





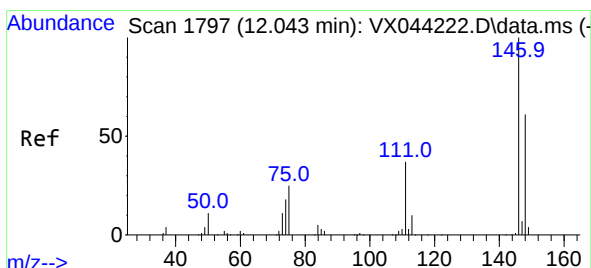
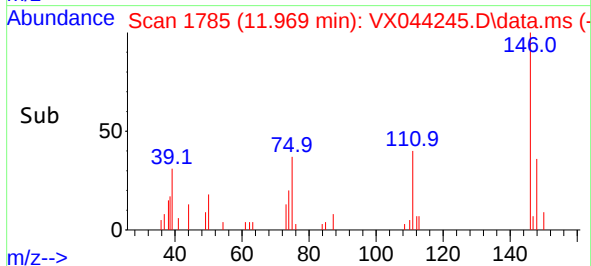
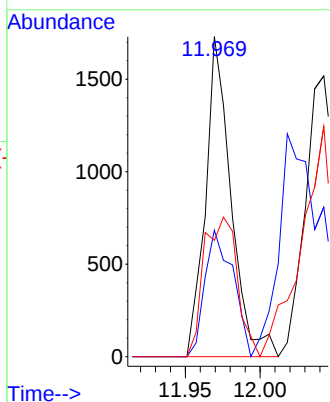
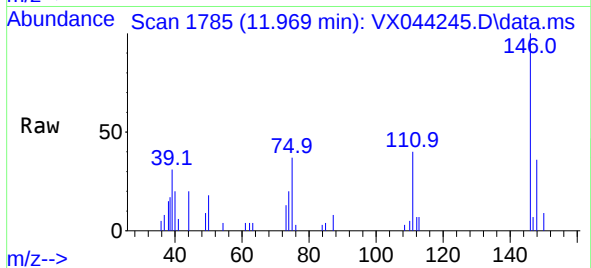
#87
1,3-Dichlorobenzene
Concen: 0.734 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:146	Resp:	2054
Ion	Ratio	Lower Upper
146	100	
111	43.4	21.4 64.2
148	56.8	31.7 95.1

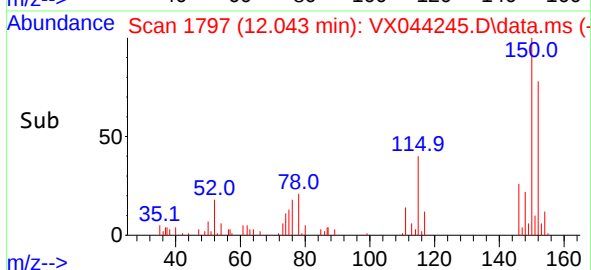
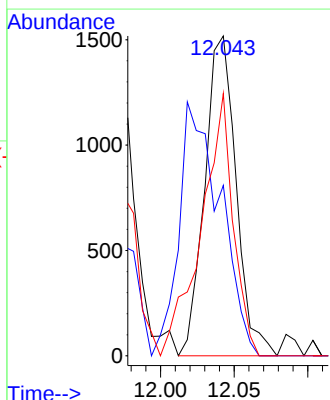
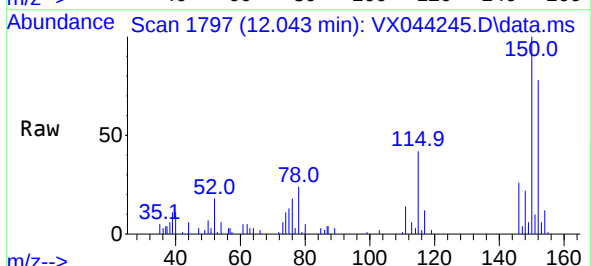
Manual Integrations
APPROVED

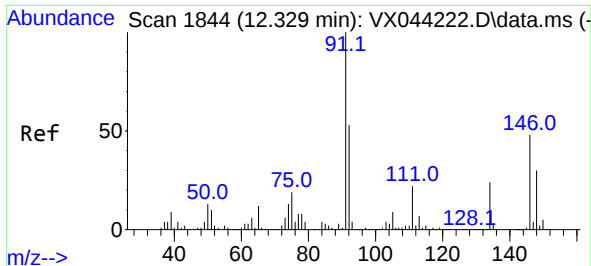
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#88
1,4-Dichlorobenzene
Concen: 0.781 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion:146	Resp:	2246
Ion	Ratio	Lower Upper
146	100	
111	39.7	21.0 63.0
148	51.9	32.3 96.8





#89

n-Butylbenzene

Concen: 0.585 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

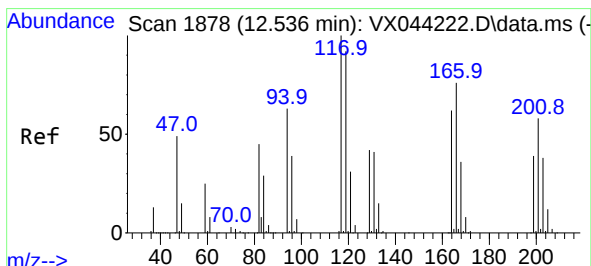
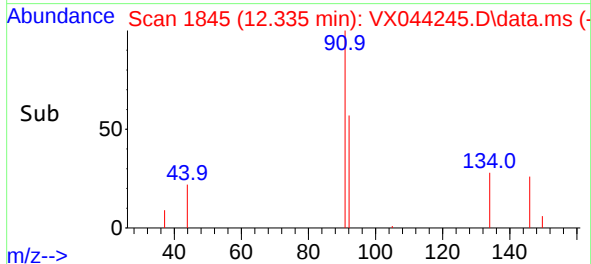
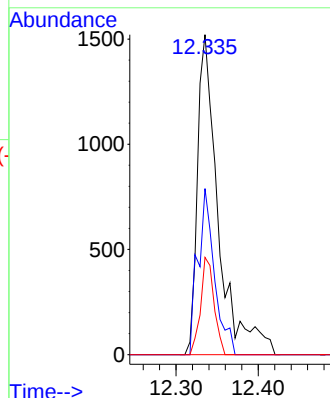
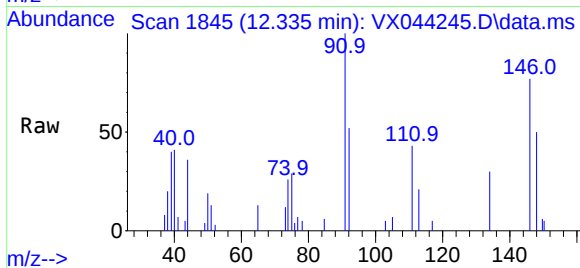
Tgt Ion: 91	Resp: 2690
Ion Ratio	Lower Upper
91	100
92	41.3 26.6 79.7
134	19.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#90

Hexachloroethane

Concen: 0.505 ug/l

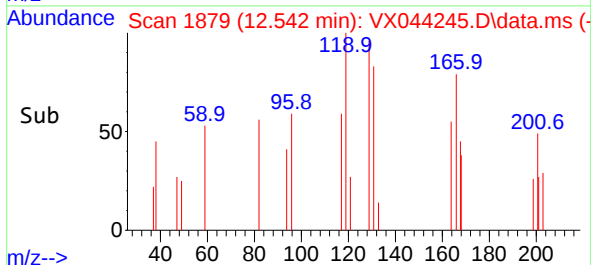
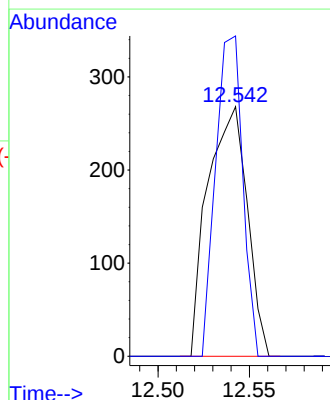
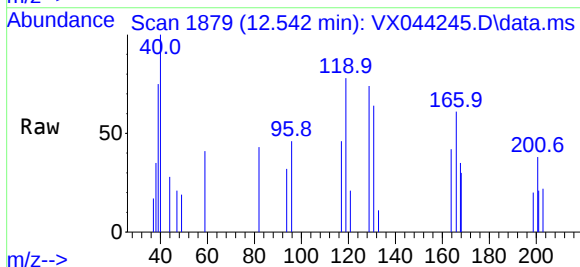
RT: 12.542 min Scan# 1879

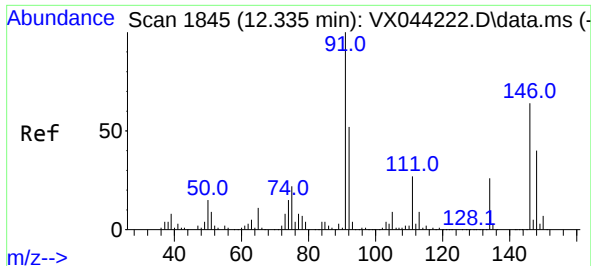
Delta R.T. 0.006 min

Lab File: VX044245.D

Acq: 12 Dec 2024 12:24

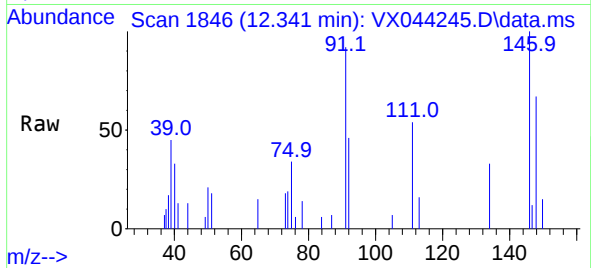
Tgt Ion:117	Resp: 403
Ion Ratio	Lower Upper
117	100
201	87.6 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 0.737 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

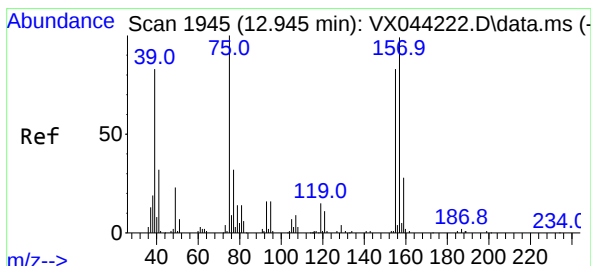
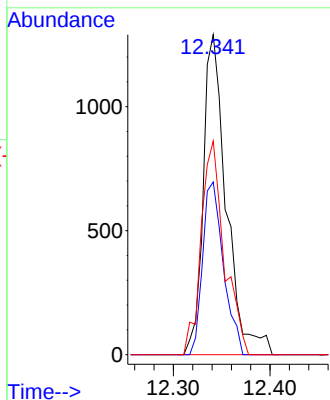
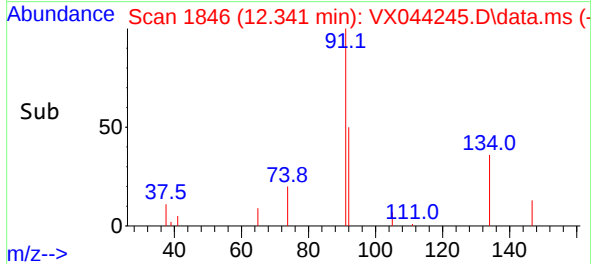
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



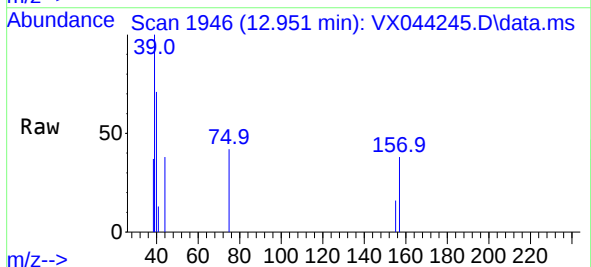
Tgt Ion:146 Resp: 214.0
Ion Ratio Lower Upper
146 100
111 48.4 21.4 64.3
148 66.7 31.6 95.0

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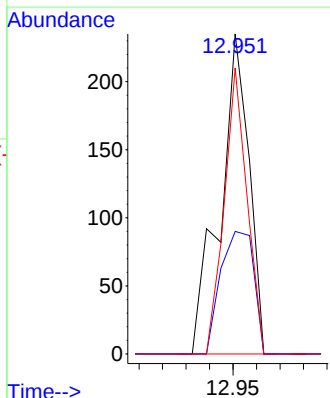
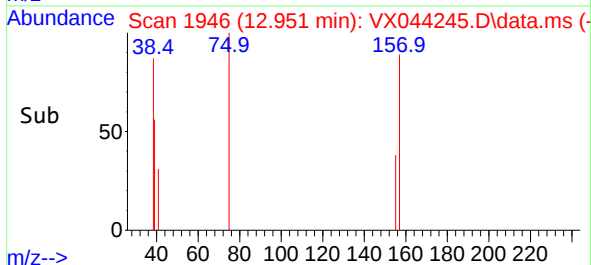
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

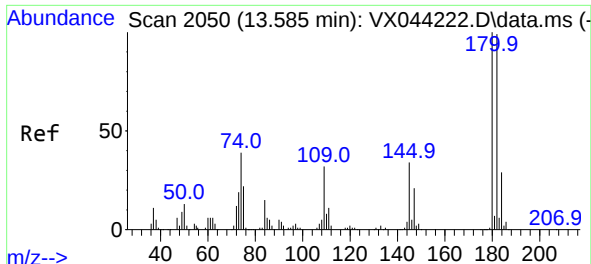


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.453 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24



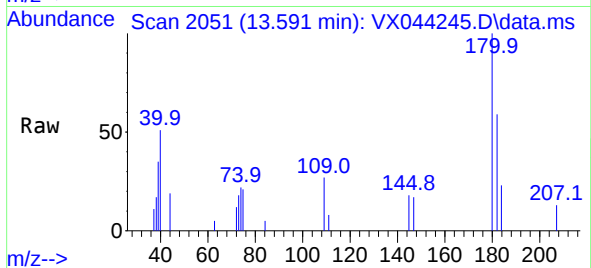
Tgt Ion: 75 Resp: 202
Ion Ratio Lower Upper
75 100
155 43.6 38.1 114.3
157 70.3 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 0.715 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

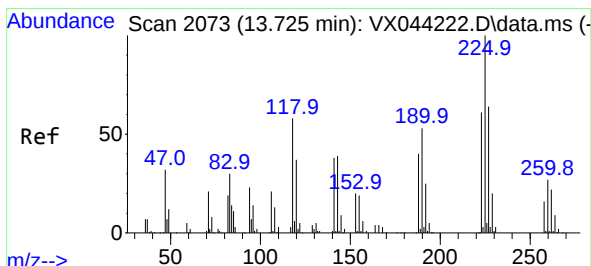
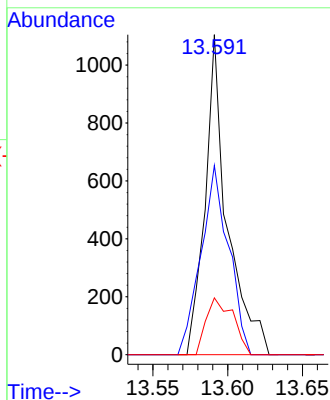
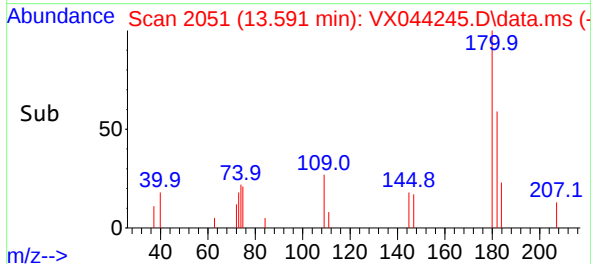
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:180 Resp: 1139
Ion Ratio Lower Upper
180 100
182 73.8 48.0 144.2
145 21.6 16.6 49.7

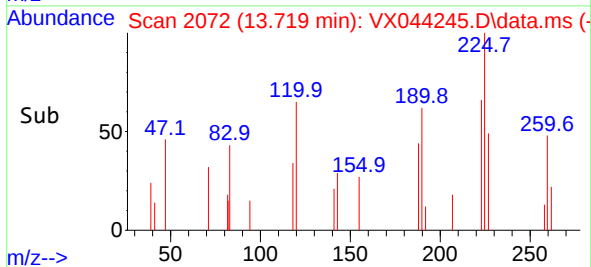
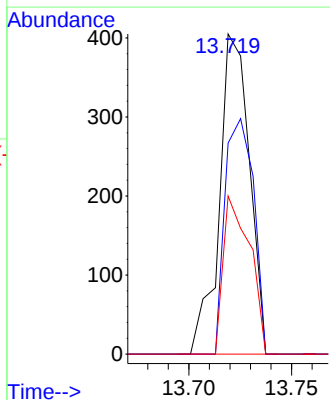
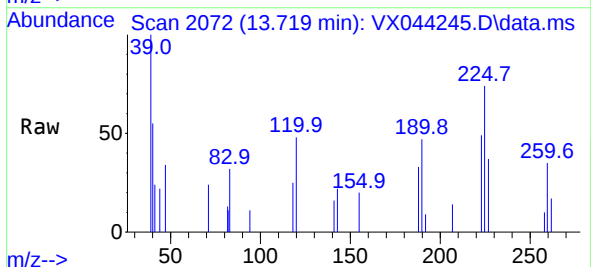
Manual Integrations
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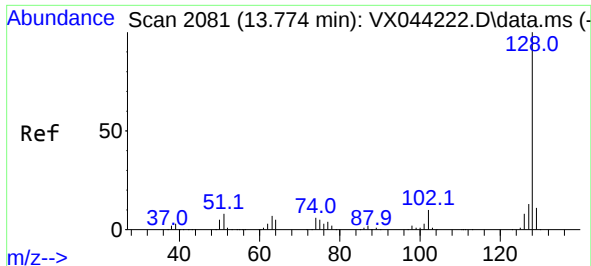
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#94
Hexachlorobutadiene
Concen: 0.643 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

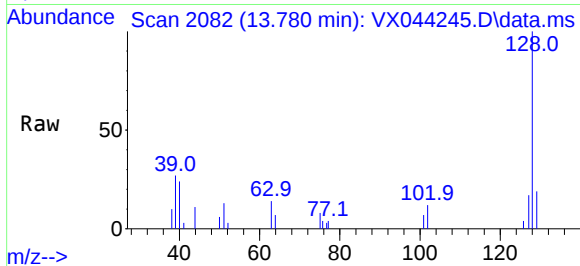
Tgt Ion:225 Resp: 412
Ion Ratio Lower Upper
225 100
223 70.1 30.8 92.4
227 43.7 32.1 96.3





#95
Naphthalene
Concen: 0.531 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

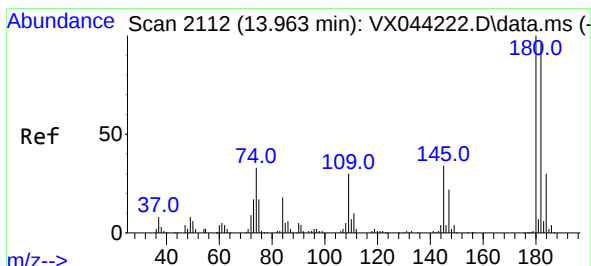
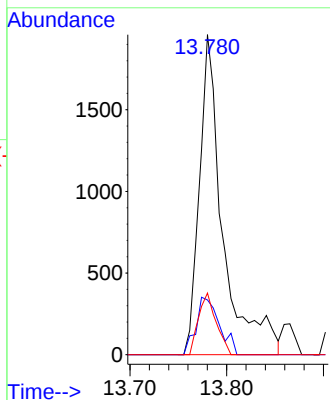
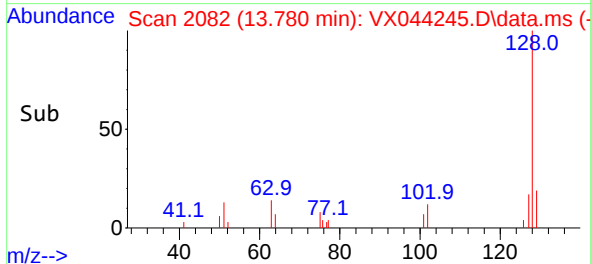
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:128 Resp: 3300
Ion Ratio Lower Upper
128 100
127 17.8 10.5 15.7
129 14.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.669 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044245.D
Acq: 12 Dec 2024 12:24

Tgt Ion:180 Resp: 1131
Ion Ratio Lower Upper
180 100
182 87.0 48.0 144.0
145 34.3 17.7 53.1

