

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043057.D
 Acq On : 15 Aug 2024 16:57
 Operator : JC/MD
 Sample : P3390-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 16 02:14:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 02:11:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78468	56.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.080%
35) Dibromofluoromethane	5.385	113	64793	54.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.200%
50) Toluene-d8	8.647	98	239528	51.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.620%
62) 4-Bromofluorobenzene	11.079	95	77127	46.005	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	748	0.701	ug/l	97
3) Chloromethane	1.301	50	1253	0.793	ug/l	91
4) Vinyl Chloride	1.374	62	1240	0.781	ug/l	89
5) Bromomethane	1.593	94	710	1.476	ug/l	93
6) Chloroethane	1.666	64	542	1.083	ug/l #	57
7) Trichlorofluoromethane	1.867	101	1518	0.915	ug/l	91
8) Diethyl Ether	2.136	74	809	1.054	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.313	101	922	0.777	ug/l	92
10) Methyl Iodide	2.441	142	781	0.616	ug/l #	83
11) Tert butyl alcohol	2.947	59	4791	13.381	ug/l #	78
12) 1,1-Dichloroethene	2.306	96	1103	0.866	ug/l #	69
13) Acrolein	2.239	56	1675	4.628	ug/l	90
14) Allyl chloride	2.660	41	2275	0.953	ug/l	94
15) Acrylonitrile	3.081	53	3322	3.746	ug/l	90
16) Acetone	2.392	43	2887	4.195	ug/l	96
17) Carbon Disulfide	2.502	76	2814	0.770	ug/l	97
18) Methyl Acetate	2.709	43	1870	0.822	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	3294	0.767	ug/l	92
20) Methylene Chloride	2.788	84	1982	1.245	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	969	0.729	ug/l	86
22) Diisopropyl ether	3.763	45	3408	0.699	ug/l #	8
23) Vinyl Acetate	3.733	43	19796	3.483	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1803	0.733	ug/l #	83
25) 2-Butanone	4.599	43	4402	3.648	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1180	0.602	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	1196	0.746	ug/l	86
28) Bromochloromethane	4.910	49	672	0.604	ug/l #	64
29) Tetrahydrofuran	5.038	42	3240	3.874	ug/l #	73
30) Chloroform	5.099	83	2025	0.857	ug/l	86
31) Cyclohexane	5.452	56	1895	0.819	ug/l #	76
32) 1,1,1-Trichloroethane	5.385	97	1625	0.824	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	1352	0.813	ug/l #	68
37) Ethyl Acetate	4.745	43	1270	0.542	ug/l #	86
38) Carbon Tetrachloride	5.659	117	443	0.263	ug/l #	74
39) Methylcyclohexane	7.379	83	1537	0.667	ug/l #	90
40) Benzene	6.037	78	4244	0.749	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	642	0.520	ug/l #	80
42) 1,2-Dichloroethane	6.098	62	1262	0.765	ug/l #	77
43) Isopropyl Acetate	6.354	43	2829	0.748	ug/l #	87
44) Trichloroethene	7.141	130	853	0.664	ug/l	82
45) 1,2-Dichloropropane	7.440	63	956	0.685	ug/l #	77
46) Dibromomethane	7.586	93	635	0.666	ug/l	90
47) Bromodichloromethane	7.824	83	1392	0.752	ug/l #	94
48) Methyl methacrylate	7.732	41	1318	0.782	ug/l #	45
49) 1,4-Dioxane	7.696	88	376	10.182	ug/l #	70
51) 4-Methyl-2-Pentanone	8.580	43	8154	3.393	ug/l	98
52) Toluene	8.726	92	2419	0.706	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	1157	0.572	ug/l #	77
54) cis-1,3-Dichloropropene	8.372	75	1359	0.611	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	933	0.694	ug/l	90
56) Ethyl methacrylate	9.128	69	1494	0.613	ug/l	92
57) 1,3-Dichloropropane	9.311	76	1476	0.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	3502	3.064	ug/l	94
59) 2-Hexanone	9.439	43	6328	3.426	ug/l	98
60) Dibromochloromethane	9.525	129	911	0.642	ug/l	84
61) 1,2-Dibromoethane	9.616	107	909	0.670	ug/l	94
64) Tetrachloroethene	9.269	164	880	0.851	ug/l #	66
65) Chlorobenzene	10.086	112	2586	0.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	859	0.737	ug/l #	65
67) Ethyl Benzene	10.201	91	4380	0.729	ug/l	96
68) m/p-Xylenes	10.305	106	3372	1.460	ug/l	97
69) o-Xylene	10.646	106	1877	0.809	ug/l	84
70) Styrene	10.665	104	2517	0.647	ug/l	89
71) Bromoform	10.799	173	707	0.731	ug/l #	94
73) Isopropylbenzene	10.963	105	3783	0.743	ug/l	100
74) N-amyl acetate	10.854	43	1872	0.646	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1603	0.818	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1840	1.203	ug/l	87
77) Bromobenzene	11.201	156	1067	0.872	ug/l	93
78) n-propylbenzene	11.305	91	4197	0.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	3105	0.860	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3058	0.729	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	38797	55.328	ug/l #	5
82) 4-Chlorotoluene	11.457	91	3174	0.789	ug/l	98
83) tert-Butylbenzene	11.719	119	3322	0.765	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3049	0.721	ug/l	89
85) sec-Butylbenzene	11.890	105	3681	0.699	ug/l	96
86) p-Isopropyltoluene	12.012	119	2771	0.644	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	1685	0.766	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	1685	0.749	ug/l	94
89) n-Butylbenzene	12.341	91	2264	0.608	ug/l	93
90) Hexachloroethane	12.542	117	569	0.658	ug/l	83
91) 1,2-Dichlorobenzene	12.341	146	1679	0.757	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	252	0.657	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	895	0.717	ug/l	92
94) Hexachlorobutadiene	13.731	225	331	0.711	ug/l	92
95) Naphthalene	13.780	128	3827	0.776	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	821	0.643	ug/l	89

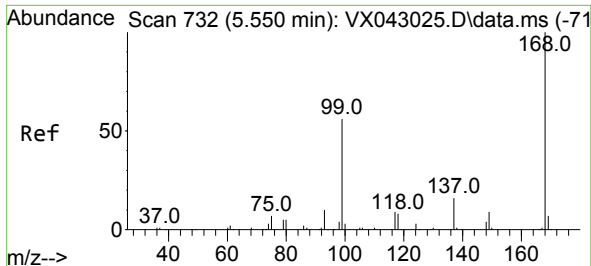
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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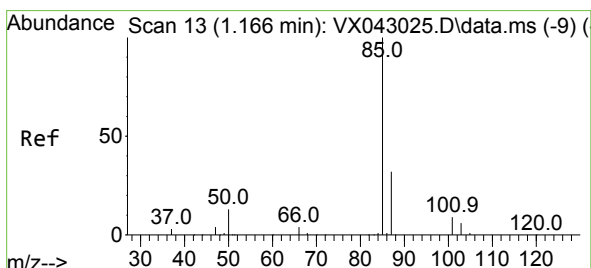
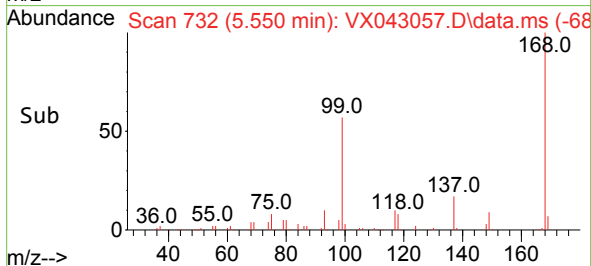
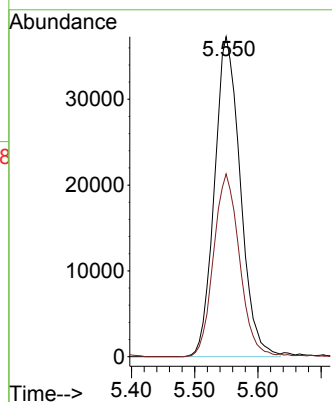
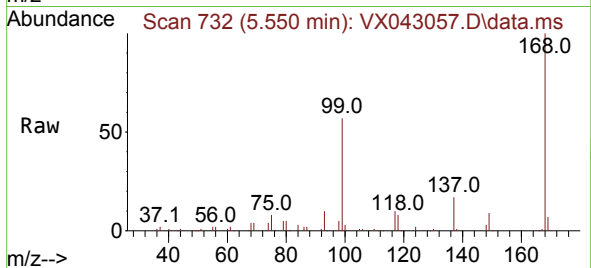
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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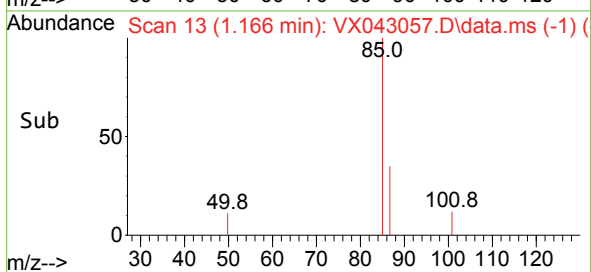
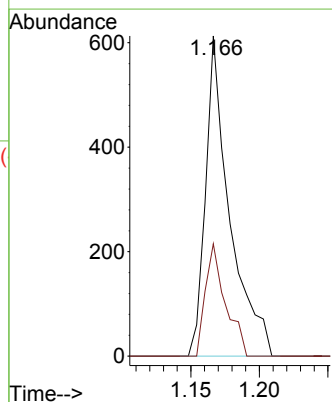
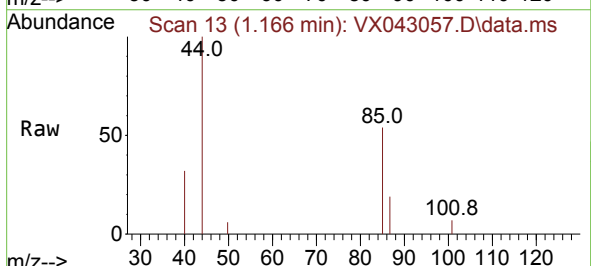
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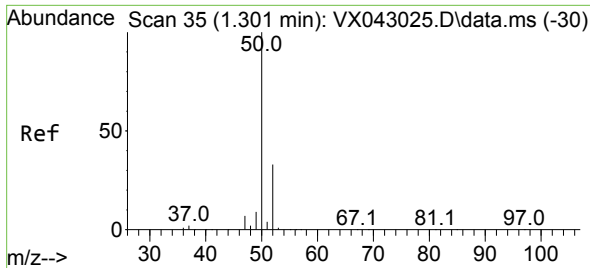
Tgt Ion:168 Resp: 105609
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.701 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 85 Resp: 748
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.1

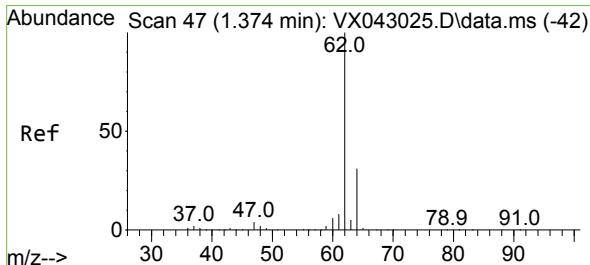
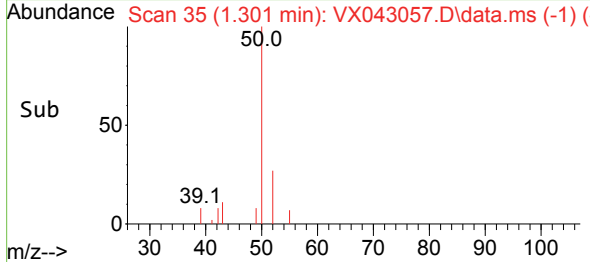
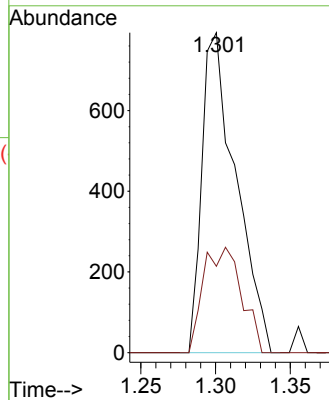
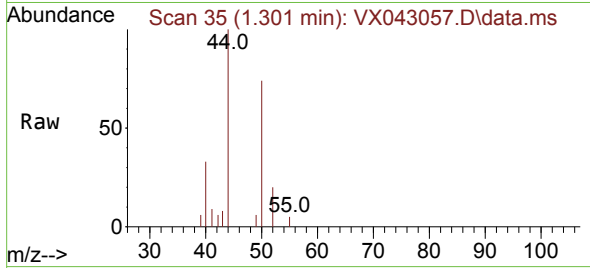




#3
Chloromethane
Concen: 0.793 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

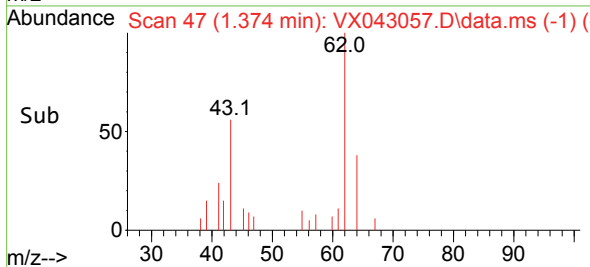
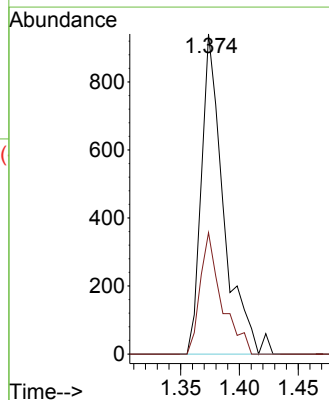
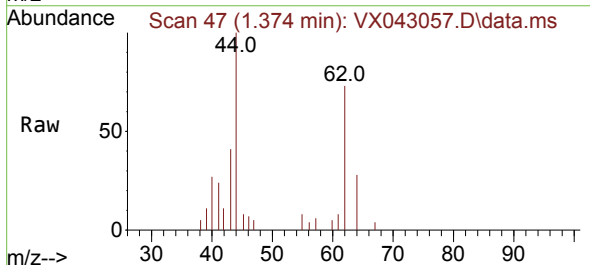
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

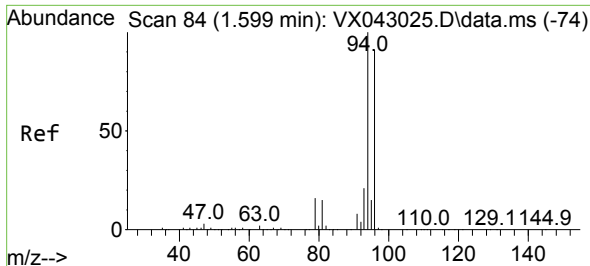
Tgt Ion: 50 Resp: 1253
Ion Ratio Lower Upper
50 100
52 27.0 25.5 38.3



#4
Vinyl Chloride
Concen: 0.781 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 62 Resp: 1240
Ion Ratio Lower Upper
62 100
64 37.9 25.4 38.0

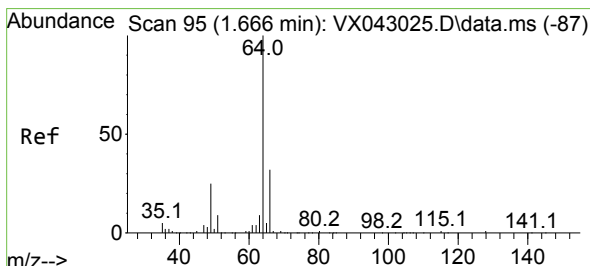
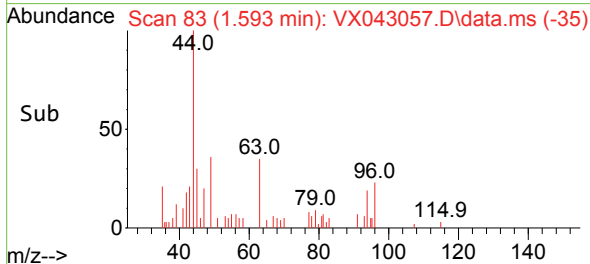
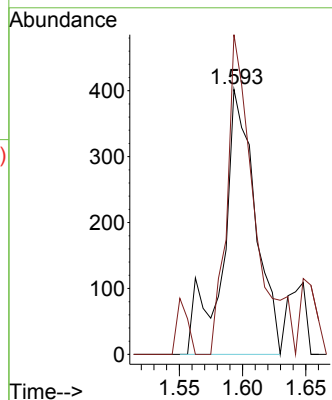
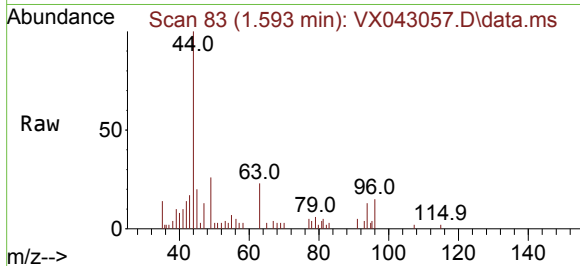




#5
 Bromomethane
 Concen: 1.476 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

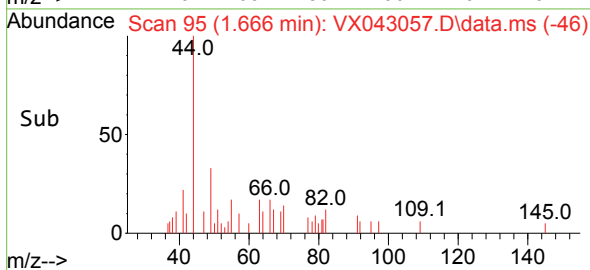
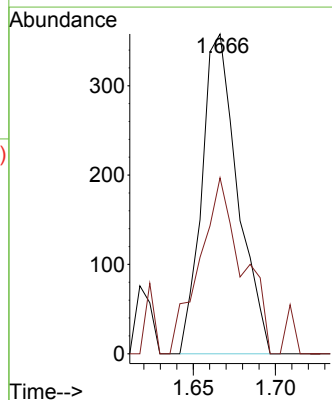
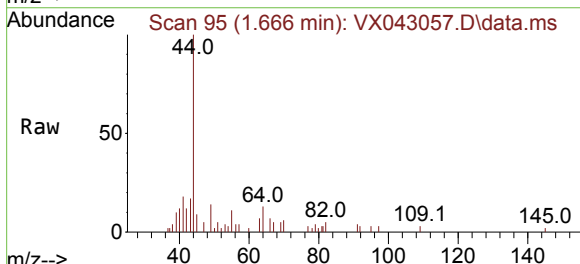
Instrument :
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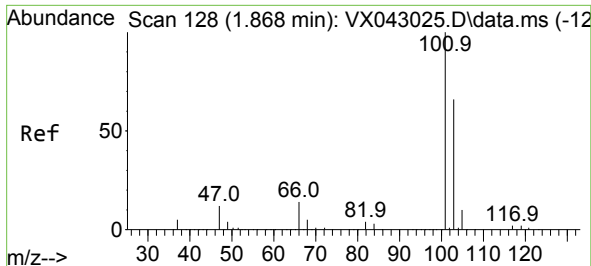
Tgt Ion: 94 Resp: 710
 Ion Ratio Lower Upper
 94 100
 96 100.2 74.6 111.8



#6
 Chloroethane
 Concen: 1.083 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

Tgt Ion: 64 Resp: 542
 Ion Ratio Lower Upper
 64 100
 66 55.0 25.1 37.7#

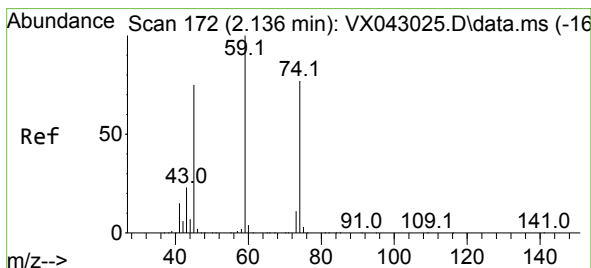
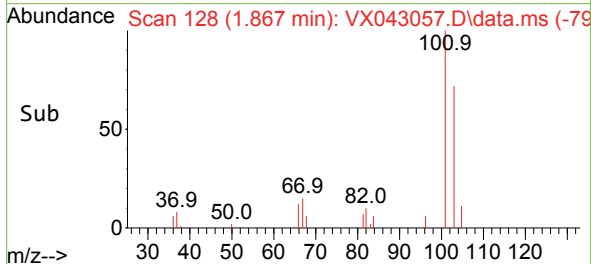
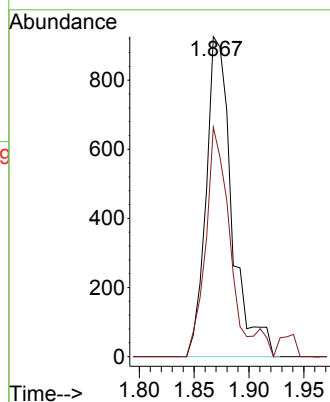
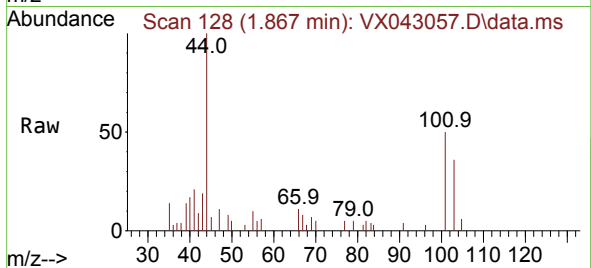




#7
Trichlorofluoromethane
Concen: 0.915 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

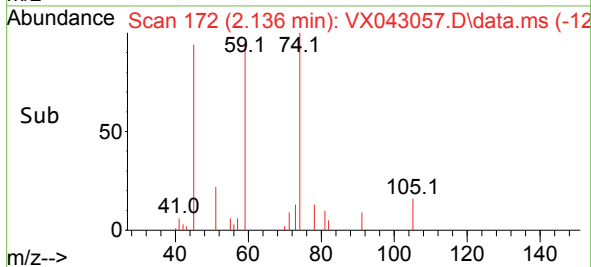
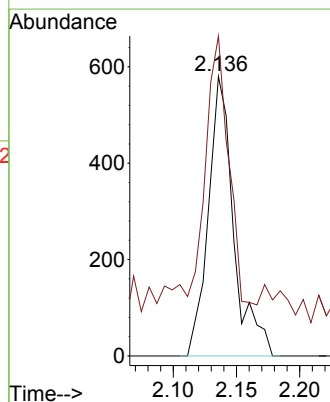
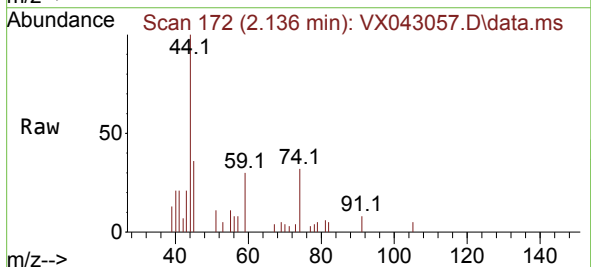
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

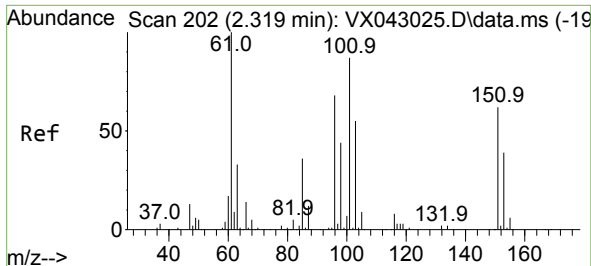
Tgt Ion:101 Resp: 1518
Ion Ratio Lower Upper
101 100
103 71.7 51.4 77.2



#8
Diethyl Ether
Concen: 1.054 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 74 Resp: 809
Ion Ratio Lower Upper
74 100
45 84.7 53.3 159.8

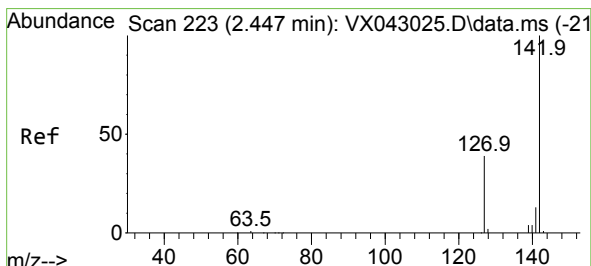
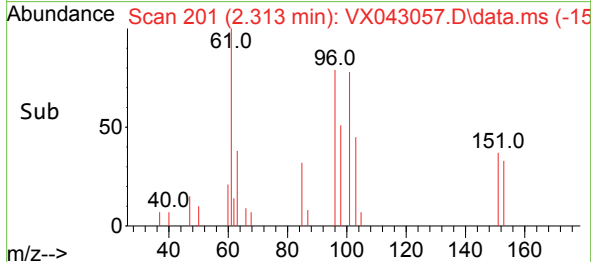
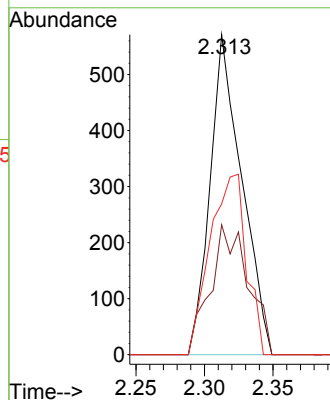
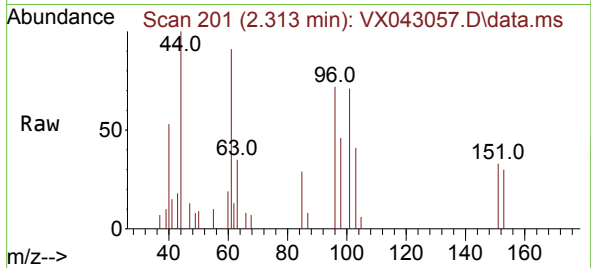




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.777 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX043057.D
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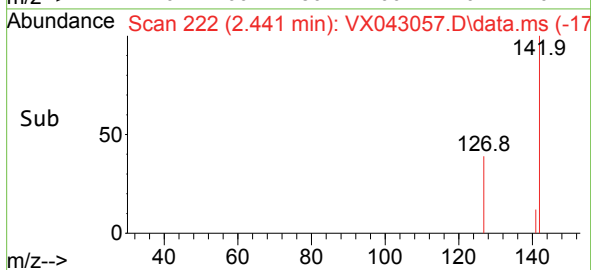
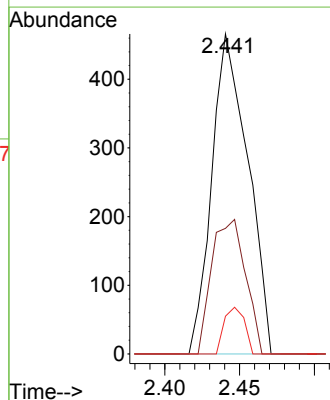
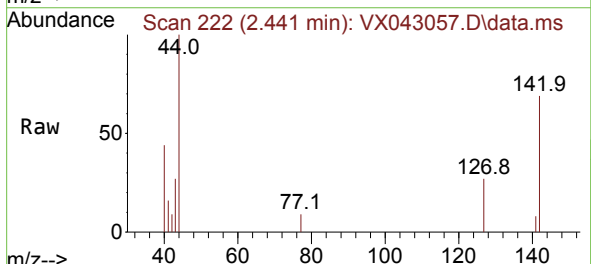
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

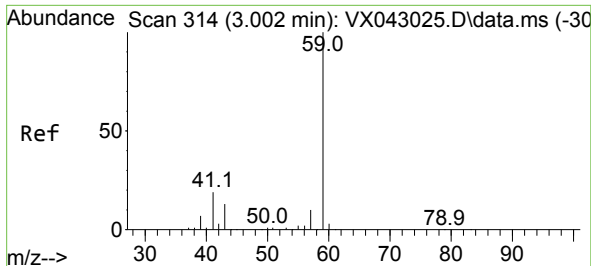
Tgt Ion:	101	Resp:	922
Ion	Ratio	Lower	Upper
101	100		
85	48.7	37.0	55.6
151	64.3	58.6	87.8



#10
Methyl Iodide
Concen: 0.616 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion:	142	Resp:	781
Ion	Ratio	Lower	Upper
142	100		
127	39.4	41.6	62.4#
141	8.2	11.6	17.4#

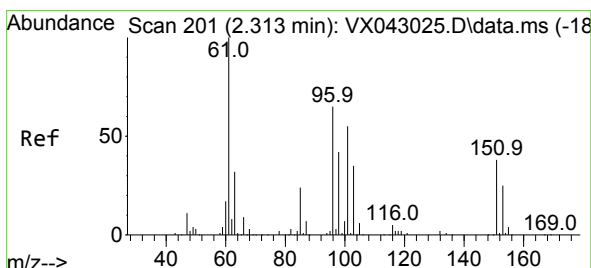
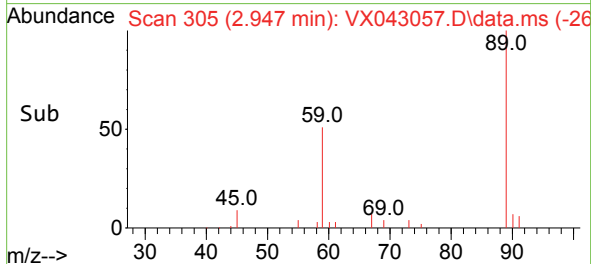
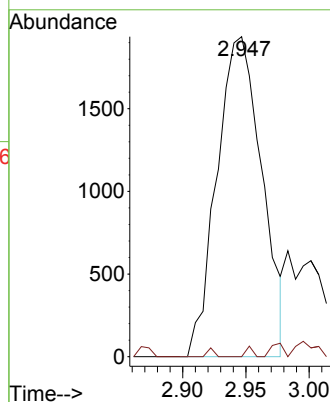
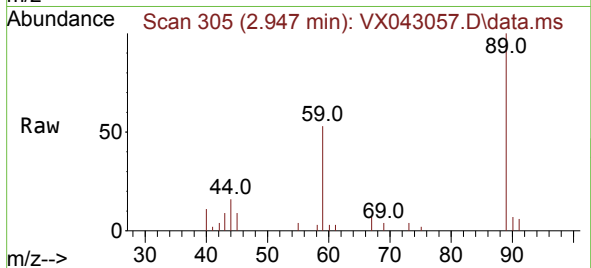




#11
Tert butyl alcohol
Concen: 13.381 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

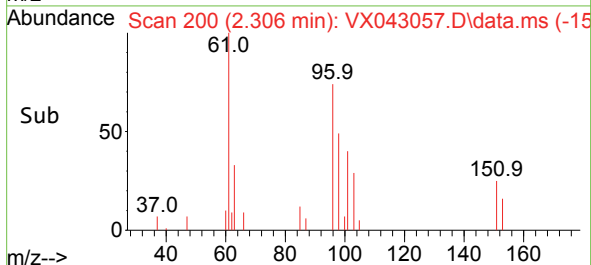
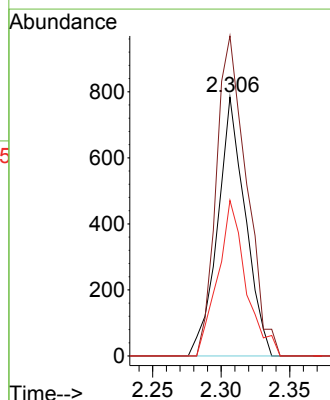
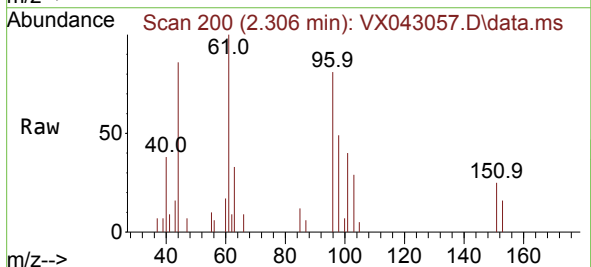
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

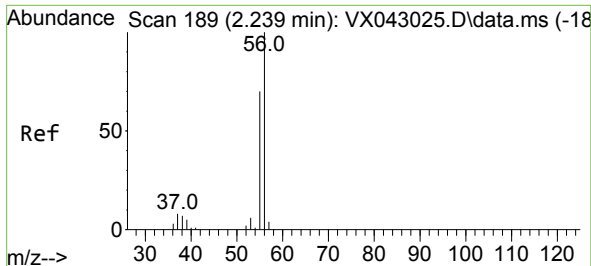
Tgt Ion: 59 Resp: 4791
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.866 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 96 Resp: 1103
Ion Ratio Lower Upper
96 100
61 123.6 144.6 216.8#
98 60.1 50.4 75.6

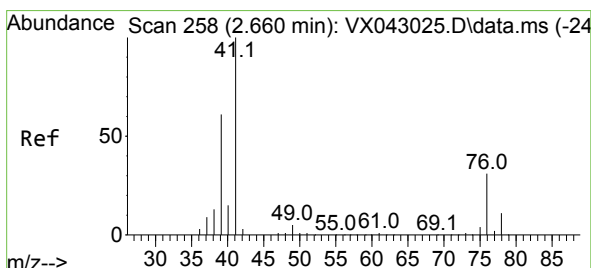
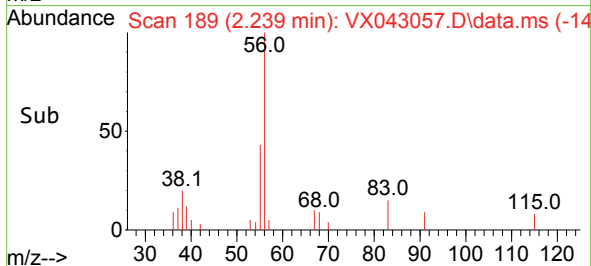
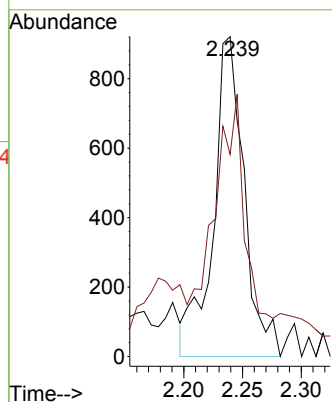
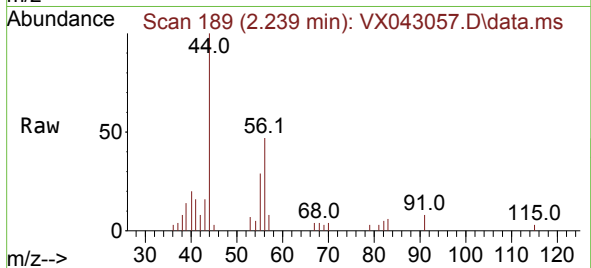




#13
Acrolein
Concen: 4.628 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

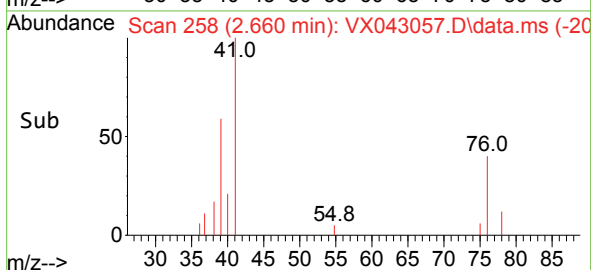
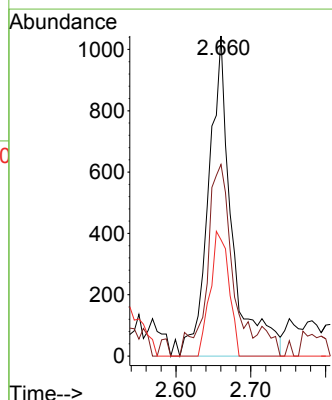
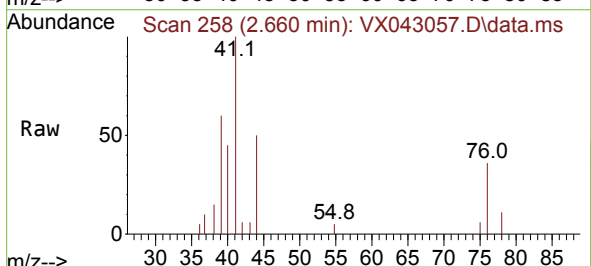
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

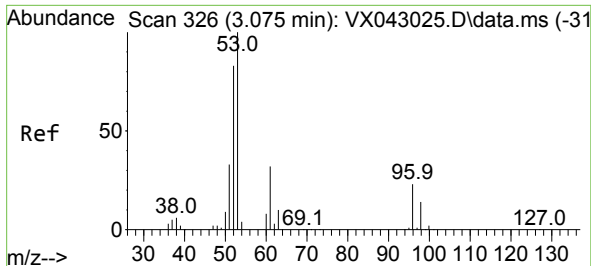
Tgt Ion: 56 Resp: 1675
Ion Ratio Lower Upper
56 100
55 63.2 57.1 85.7



#14
Allyl chloride
Concen: 0.953 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 41 Resp: 2275
Ion Ratio Lower Upper
41 100
39 62.5 55.8 83.6
76 31.0 24.3 36.5

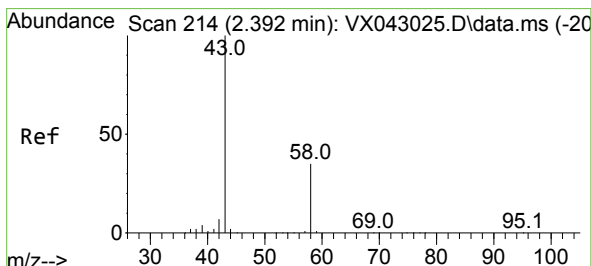
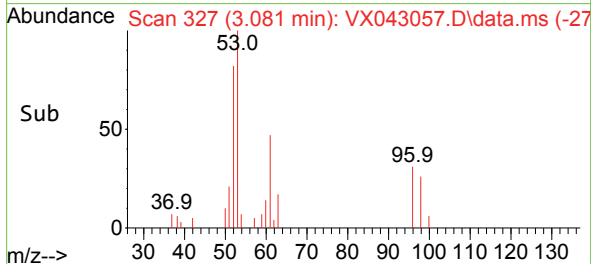
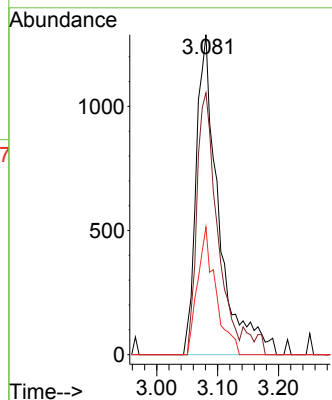
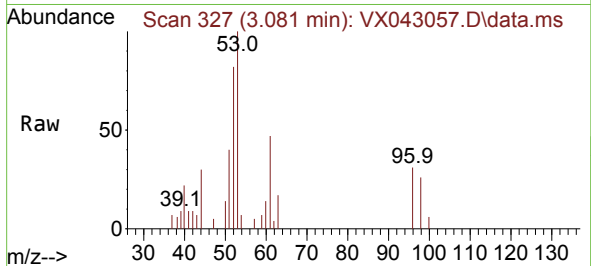




#15
Acrylonitrile
Concen: 3.746 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

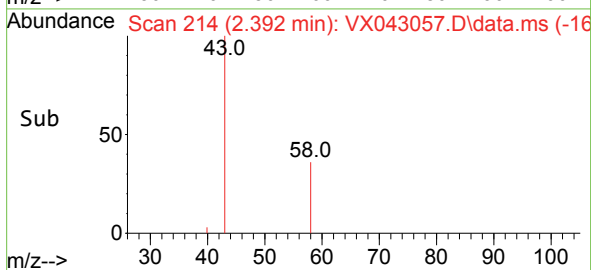
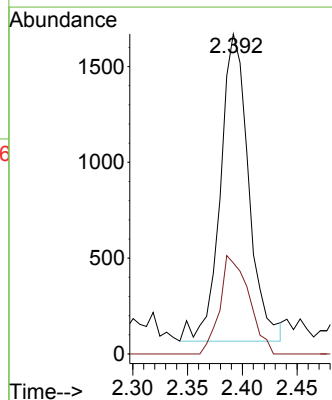
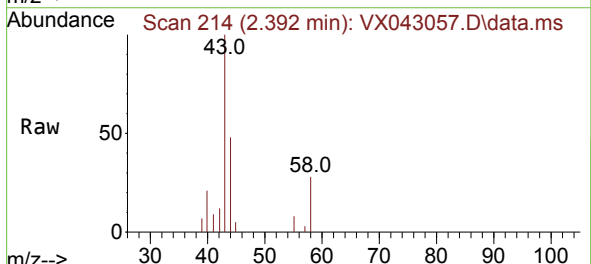
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

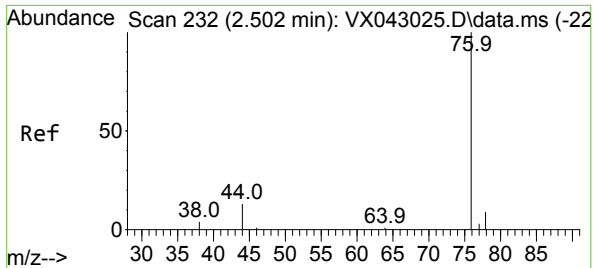
Tgt Ion:	53	Resp:	3322
Ion	Ratio	Lower	Upper
53	100		
52	72.8	66.0	99.0
51	32.2	29.8	44.6



#16
Acetone
Concen: 4.195 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion:	43	Resp:	2887
Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.9	32.9

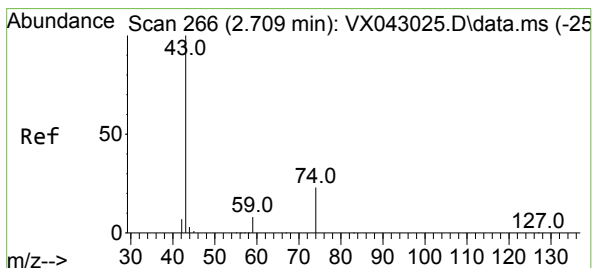
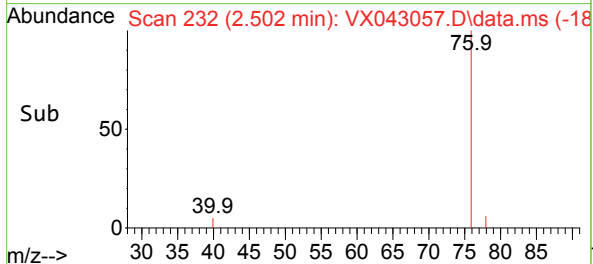
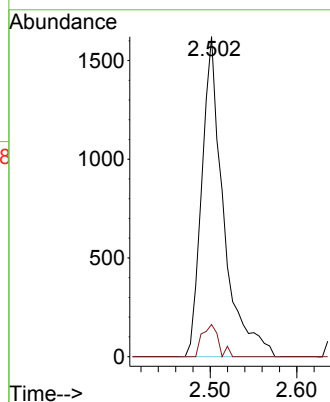
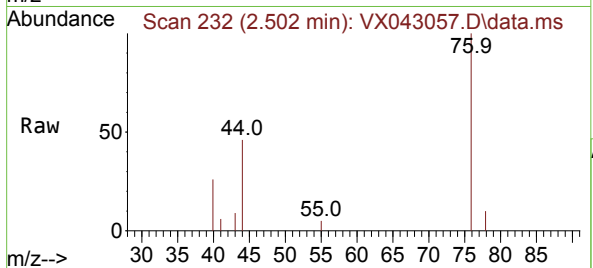




#17
Carbon Disulfide
Concen: 0.770 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

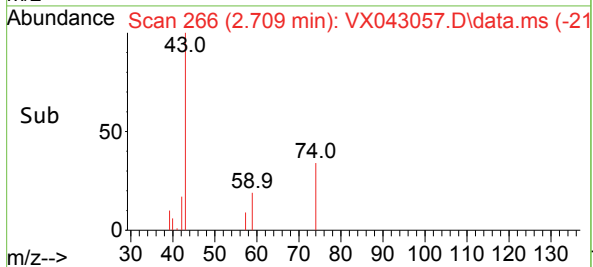
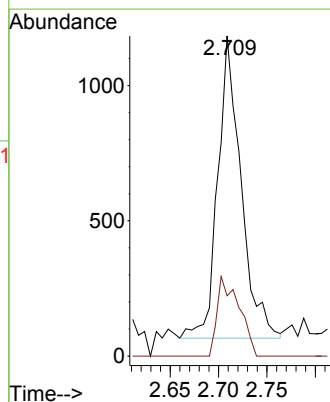
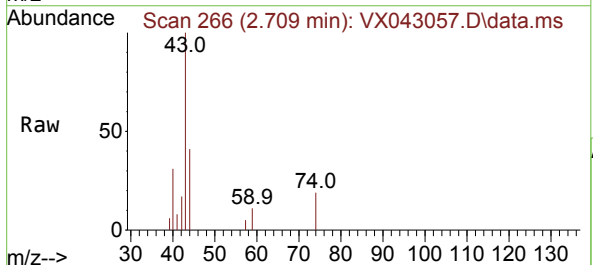
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

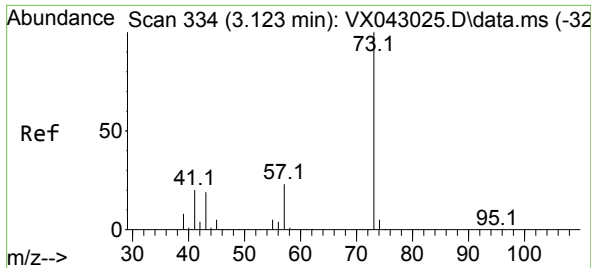
Tgt Ion: 76 Resp: 2814
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



#18
Methyl Acetate
Concen: 0.822 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8

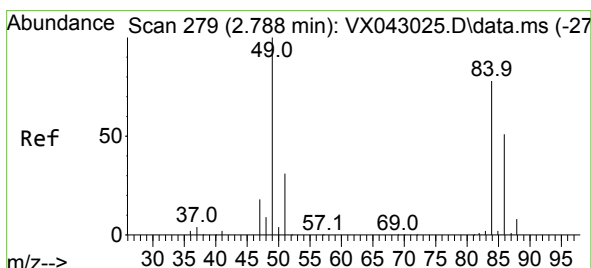
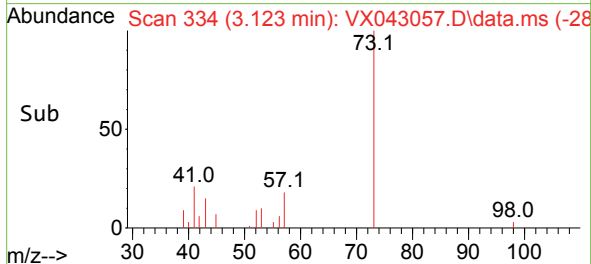
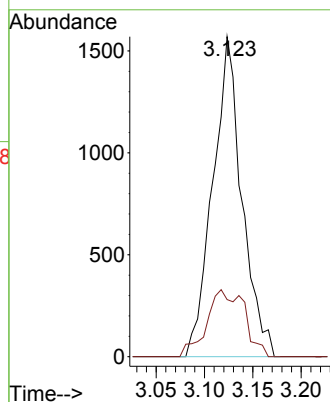
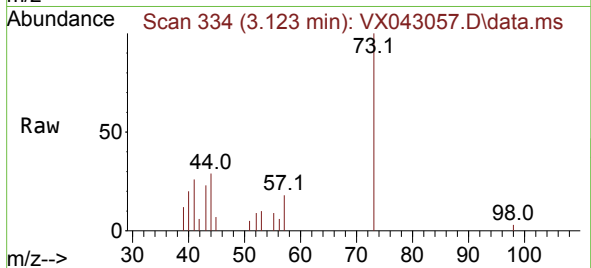




#19
Methyl tert-butyl Ether
Concen: 0.767 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

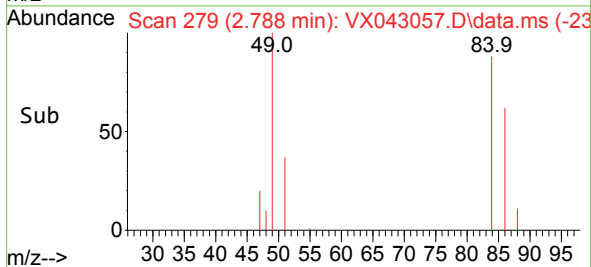
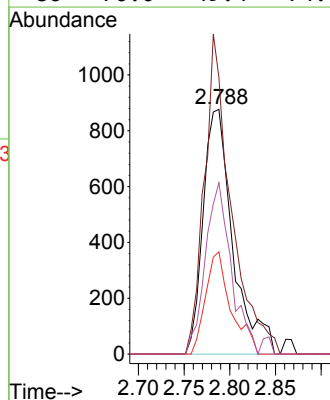
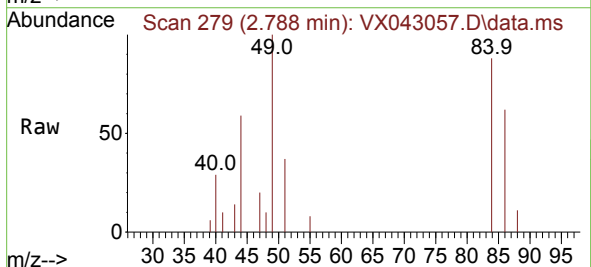
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

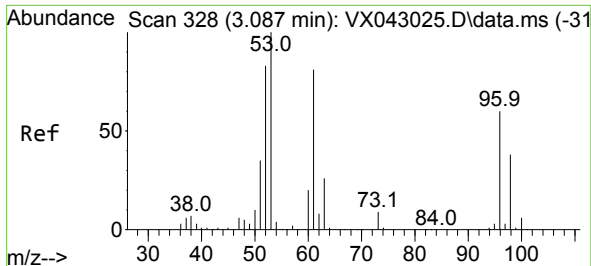
Tgt Ion: 73 Resp: 3294
Ion Ratio Lower Upper
73 100
57 17.8 17.3 25.9



#20
Methylene Chloride
Concen: 1.245 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 84 Resp: 1982
Ion Ratio Lower Upper
84 100
49 113.0 103.6 155.4
51 41.8 33.8 50.6
86 70.0 49.4 74.0

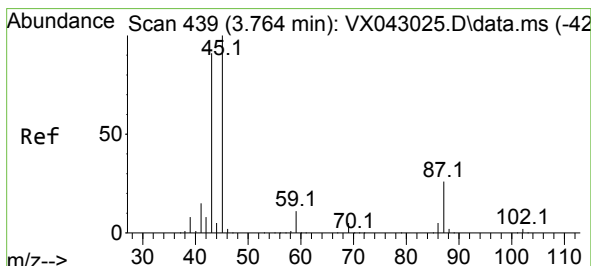
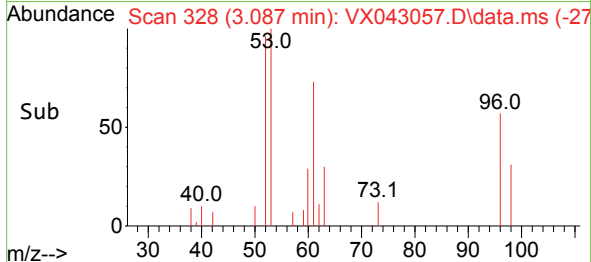
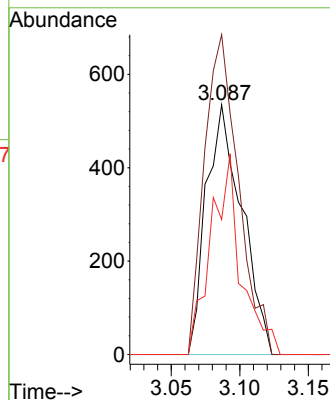
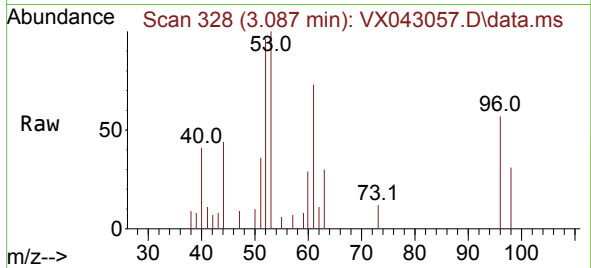




#21
trans-1,2-Dichloroethene
Concen: 0.729 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

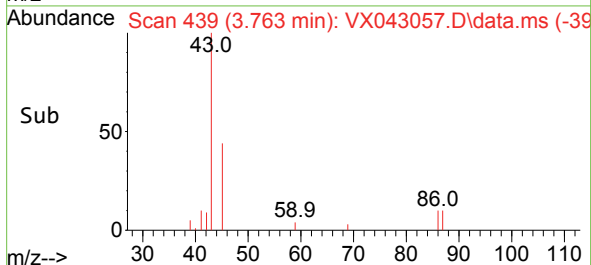
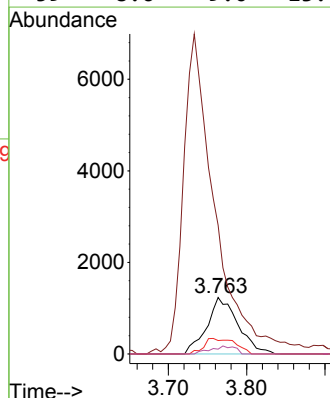
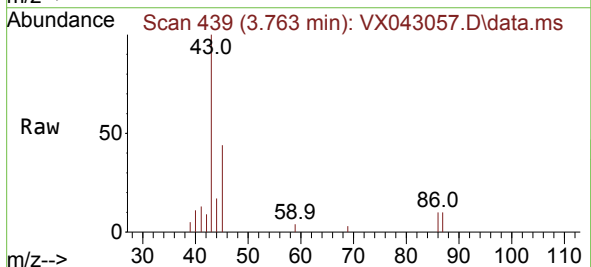
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

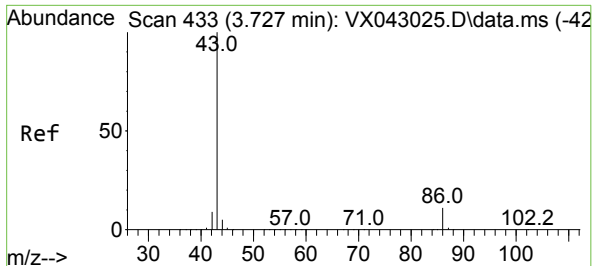
Tgt Ion: 96 Resp: 969
Ion Ratio Lower Upper
96 100
61 128.0 119.2 178.8
98 54.0 48.7 73.1



#22
Diisopropyl ether
Concen: 0.699 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 45 Resp: 3408
Ion Ratio Lower Upper
45 100
43 207.0 69.7 104.5#
87 23.9 20.8 31.2
59 8.6 9.0 13.4#

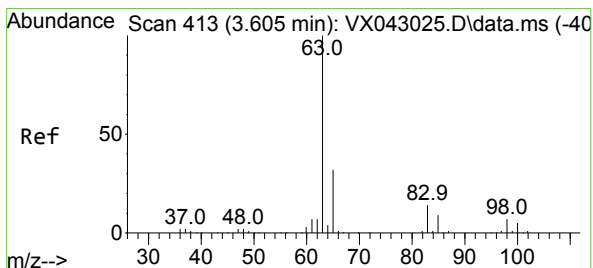
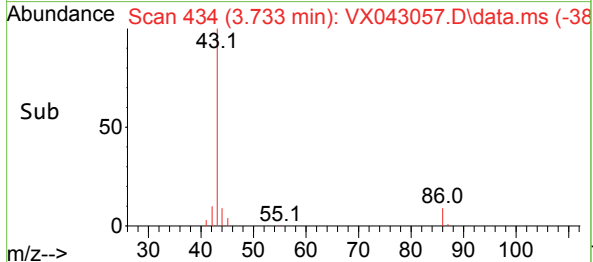
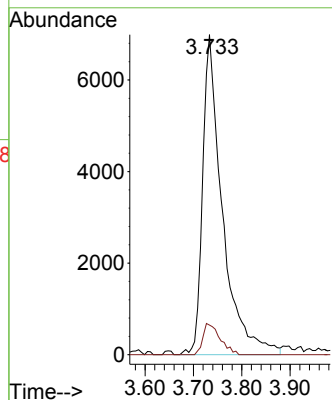
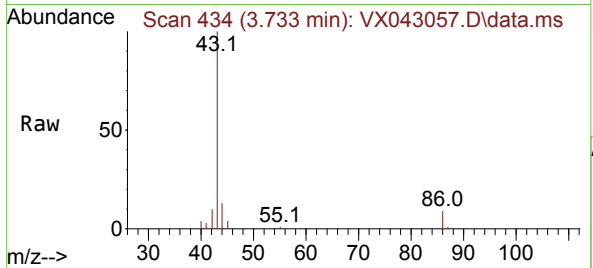




#23
 Vinyl Acetate
 Concen: 3.483 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

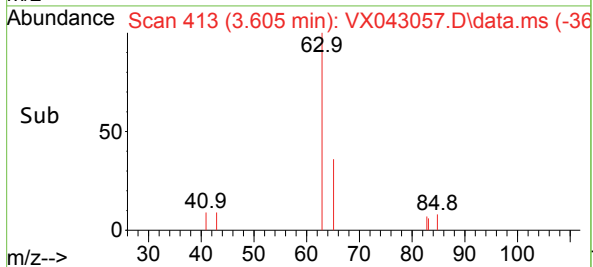
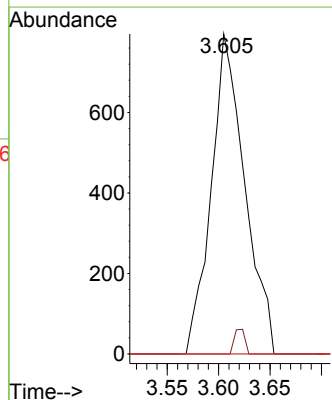
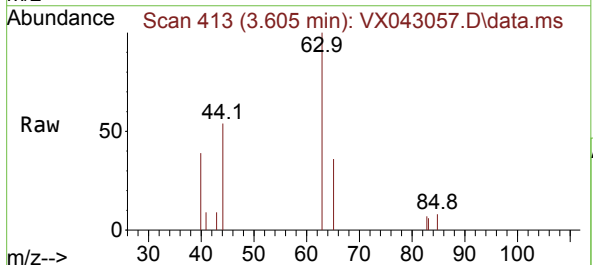
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

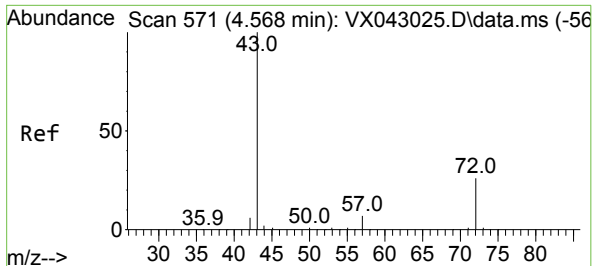
Tgt Ion: 43 Resp: 19796
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.733 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

Tgt Ion: 63 Resp: 1803
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 3.648 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

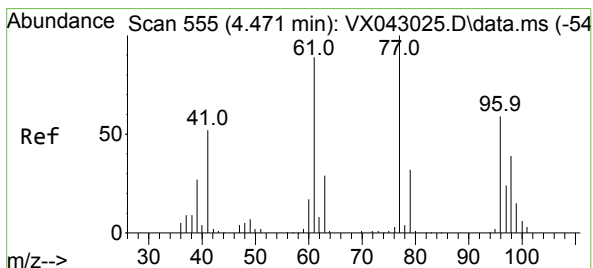
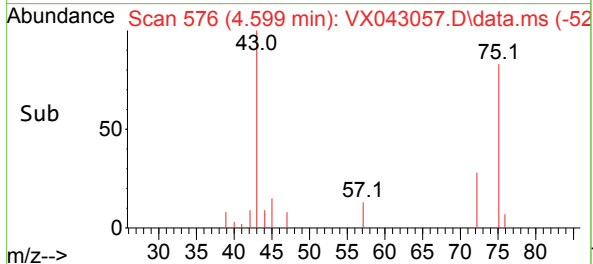
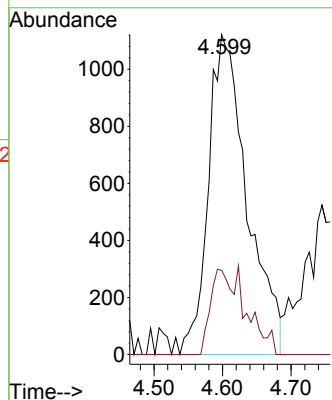
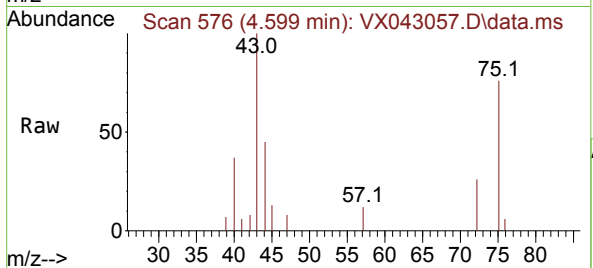
MDL-WATER-03-QT3-2024

Tgt Ion: 43 Resp: 4402

Ion Ratio Lower Upper

43 100

72 26.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.602 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX043057.D

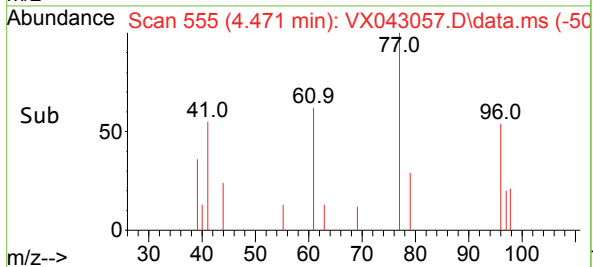
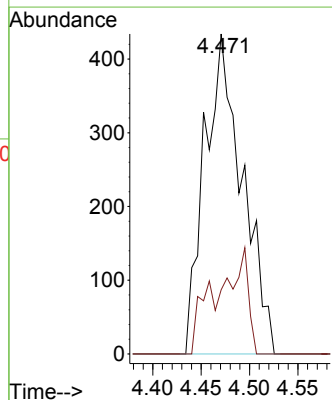
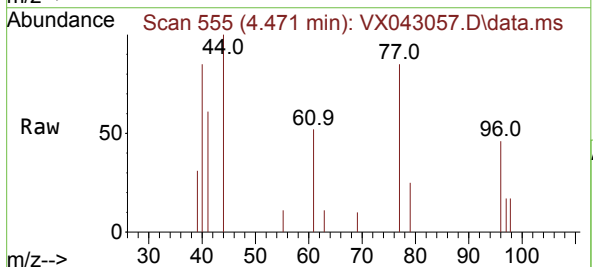
Acq: 15 Aug 2024 16:57

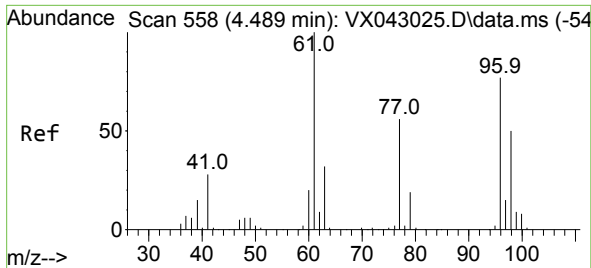
Tgt Ion: 77 Resp: 1180

Ion Ratio Lower Upper

77 100

97 9.6 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.746 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

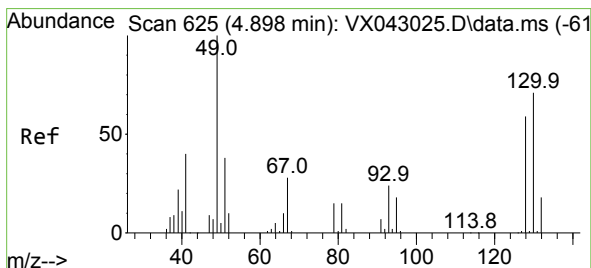
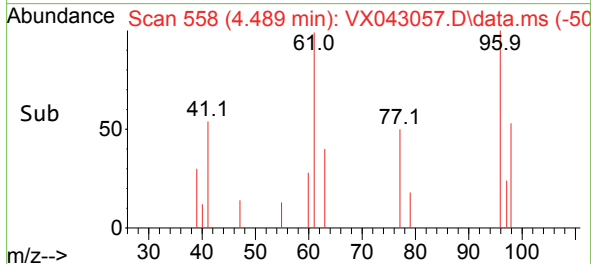
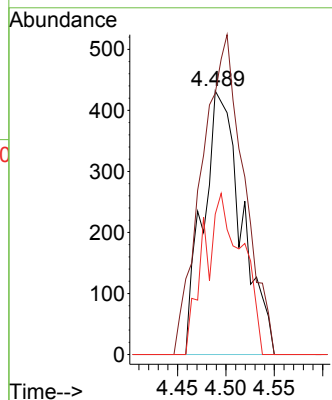
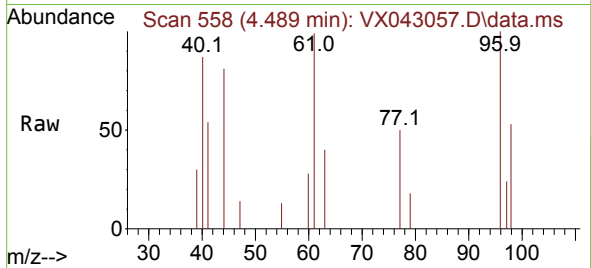
Tgt Ion: 96 Resp: 1196

Ion Ratio Lower Upper

96 100

61 132.8 0.0 312.2

98 60.9 0.0 129.0



#28

Bromochloromethane

Concen: 0.604 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

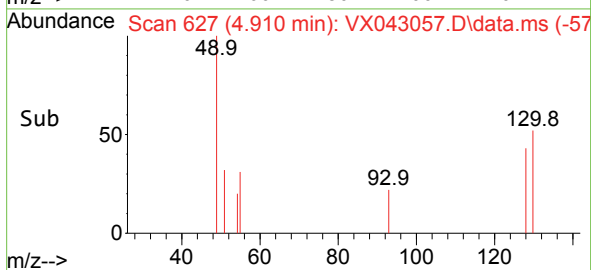
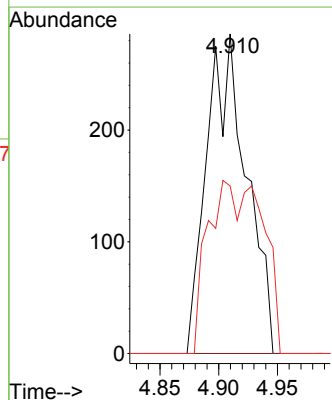
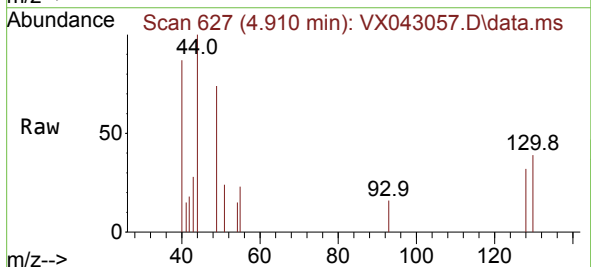
Tgt Ion: 49 Resp: 672

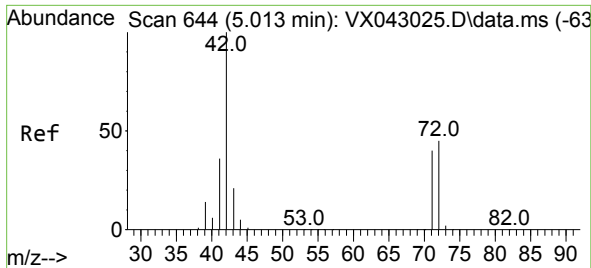
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 40.9 57.5 86.3#

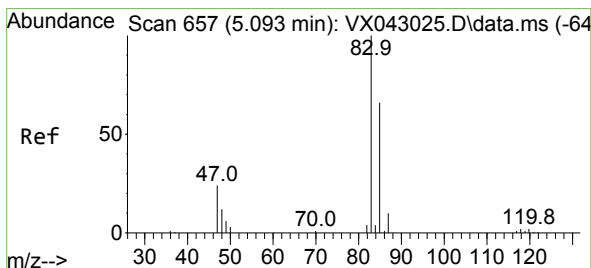
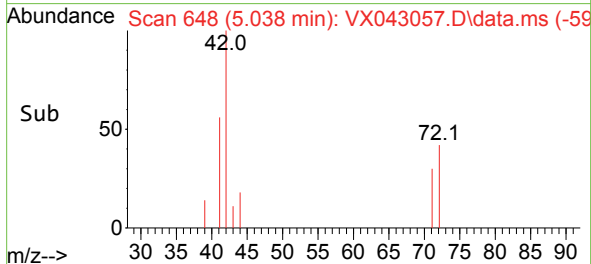
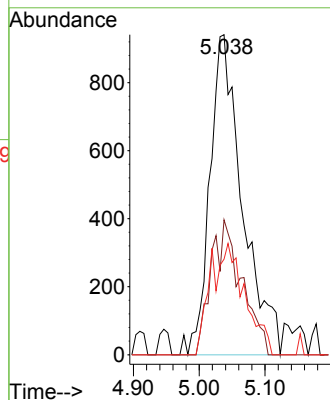
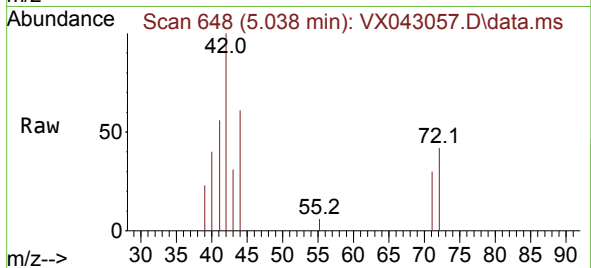




#29
Tetrahydrofuran
Concen: 3.874 ug/l
RT: 5.038 min Scan# 644
Delta R.T. 0.024 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

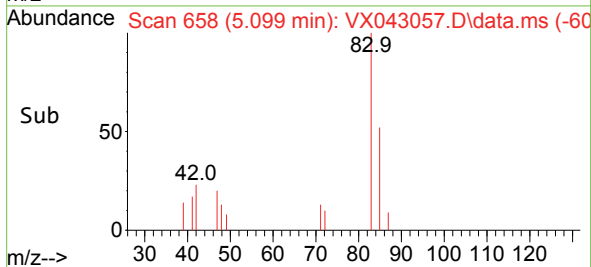
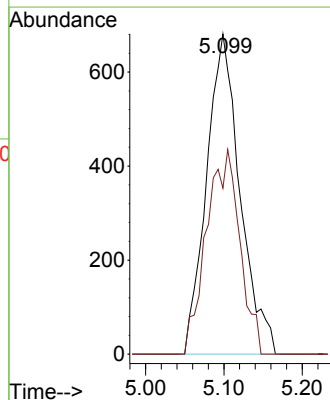
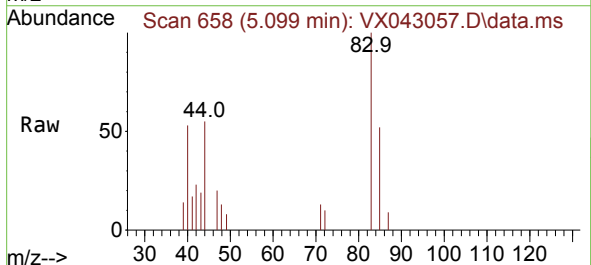
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

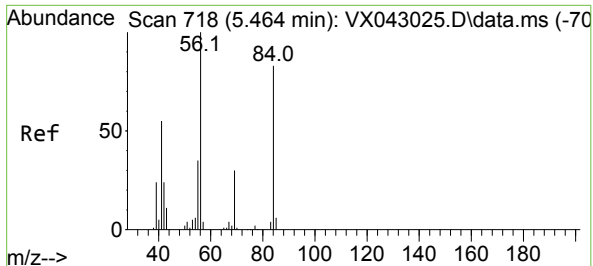
Tgt Ion: 42 Resp: 3240
Ion Ratio Lower Upper
42 100
72 25.6 34.2 51.4#
71 23.7 32.2 48.2#



#30
Chloroform
Concen: 0.857 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 83 Resp: 2025
Ion Ratio Lower Upper
83 100
85 51.8 50.3 75.5

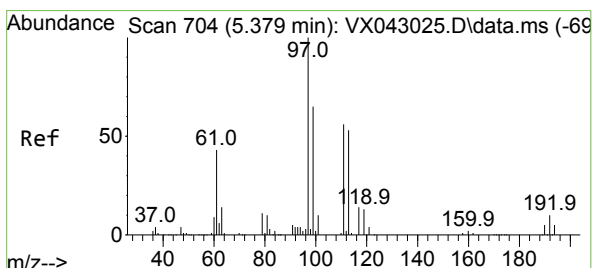
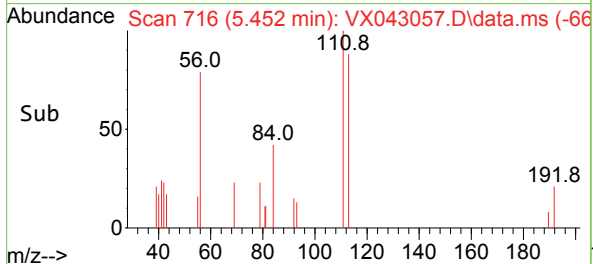
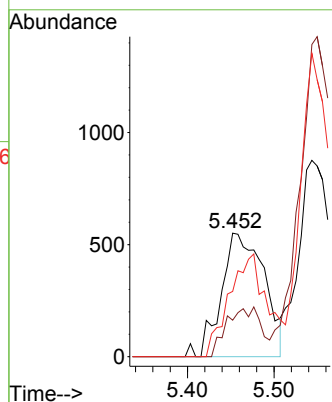
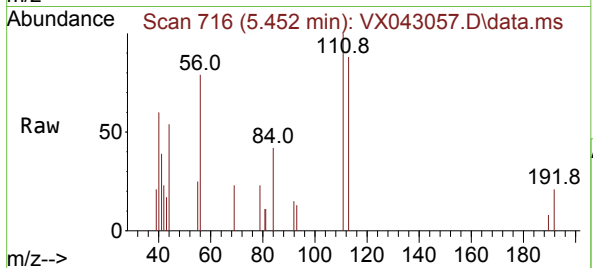




#31
Cyclohexane
Concen: 0.819 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

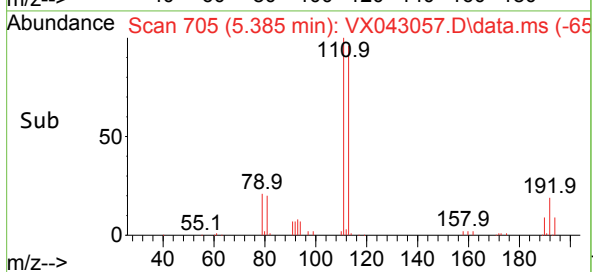
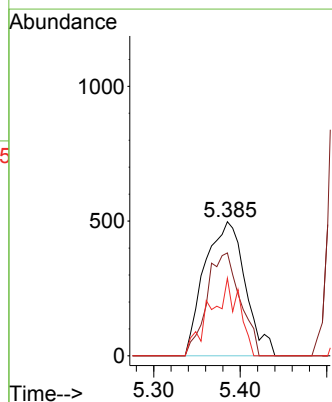
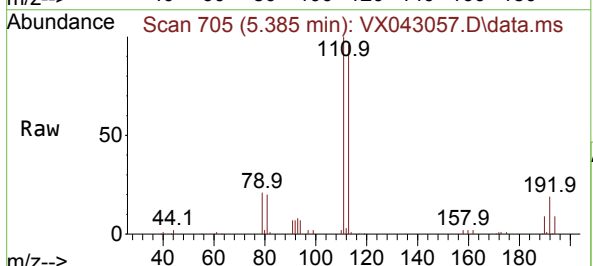
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

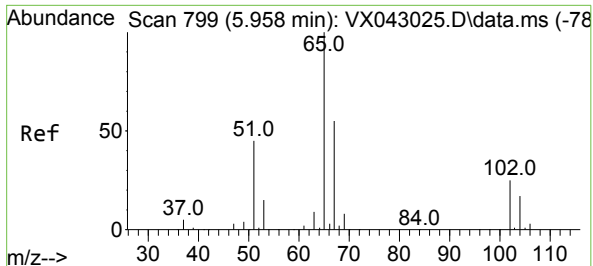
Tgt Ion: 56 Resp: 1895
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 52.8 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 97 Resp: 1625
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 56.545 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

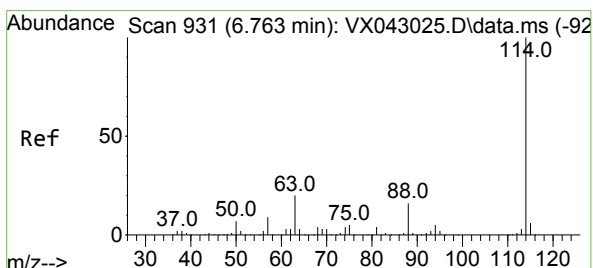
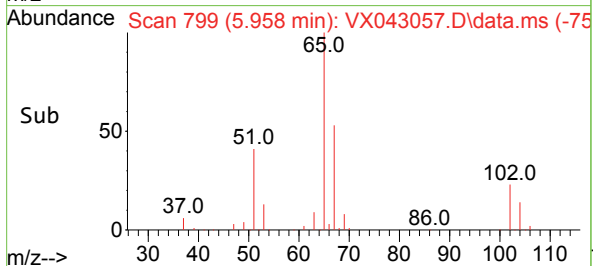
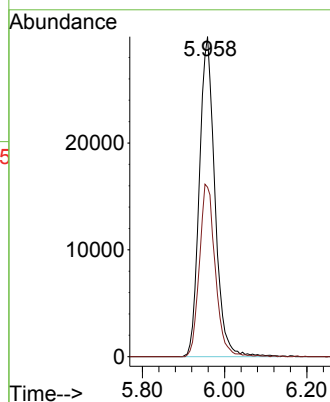
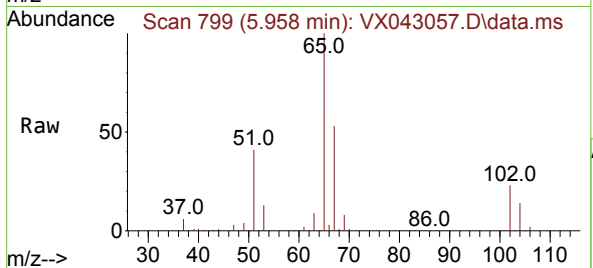
MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 78468

Ion Ratio Lower Upper

65 100

67 54.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

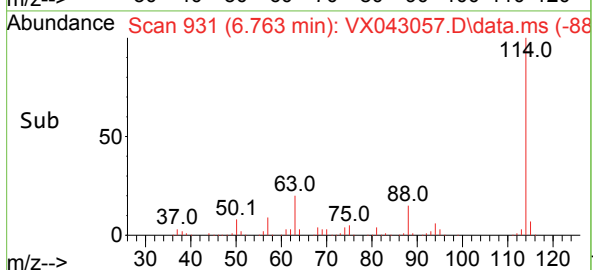
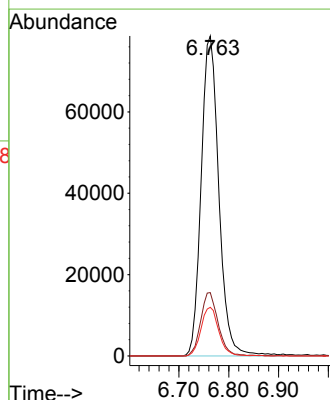
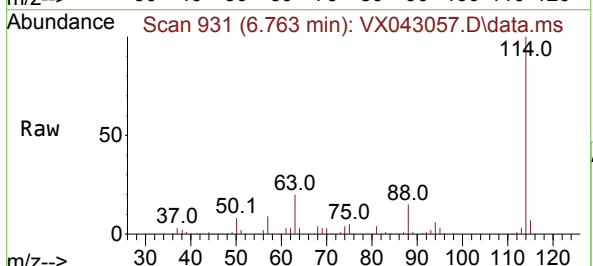
Tgt Ion: 114 Resp: 193609

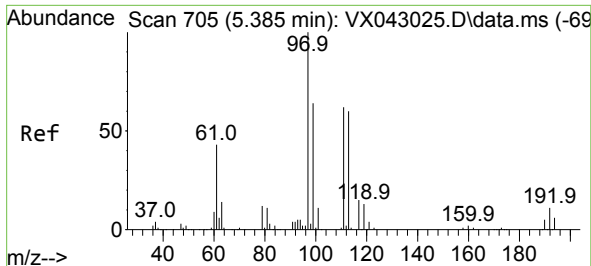
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 15.2 0.0 36.6

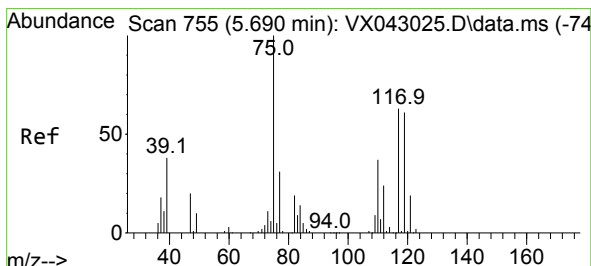
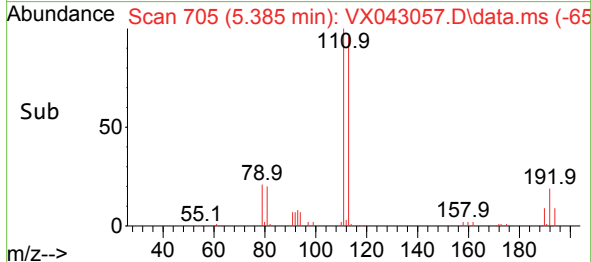
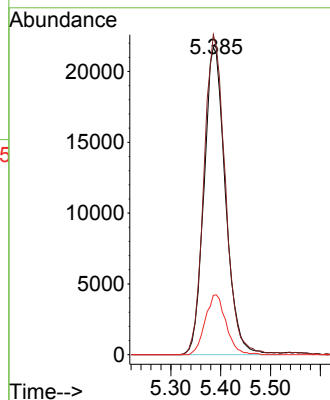
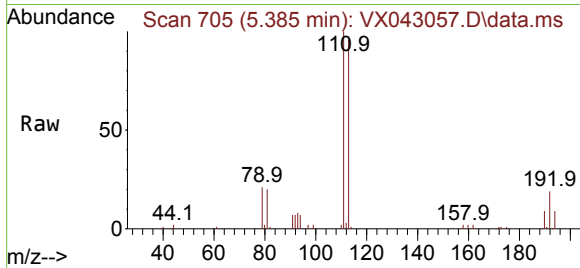




#35
Dibromofluoromethane
Concen: 54.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

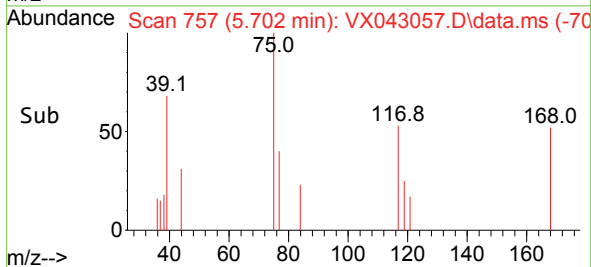
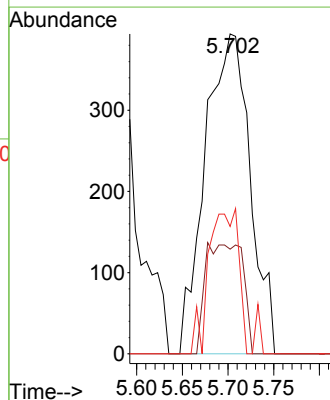
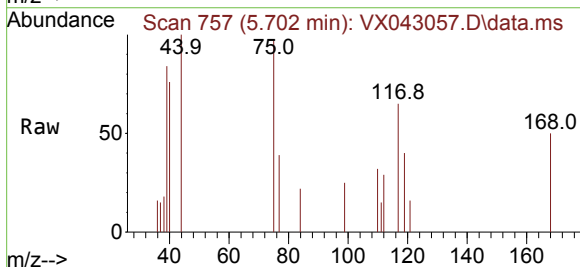
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

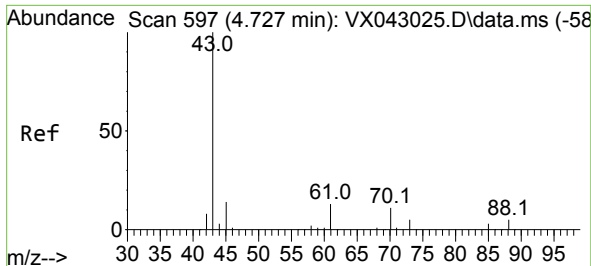
Tgt Ion:113 Resp: 64793
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.813 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 0.542 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

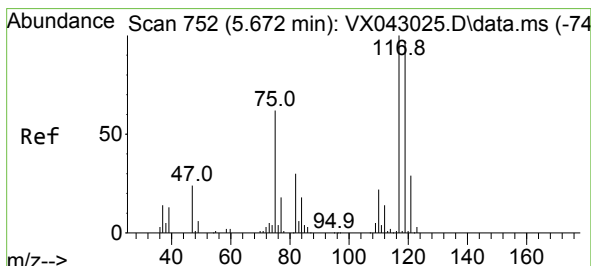
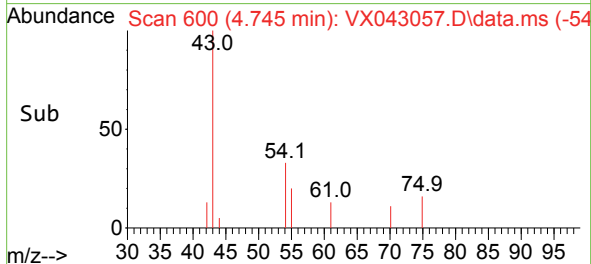
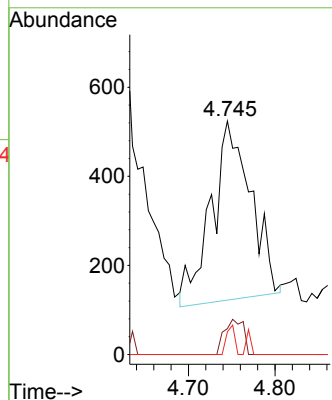
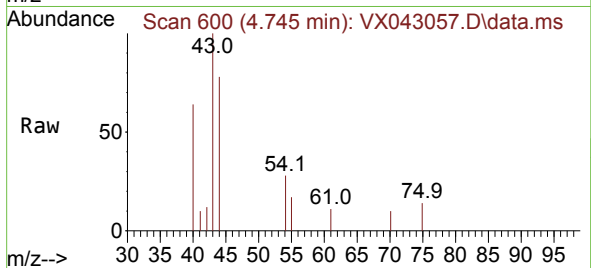
Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

61 9.4 10.6 16.0#

70 3.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.263 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

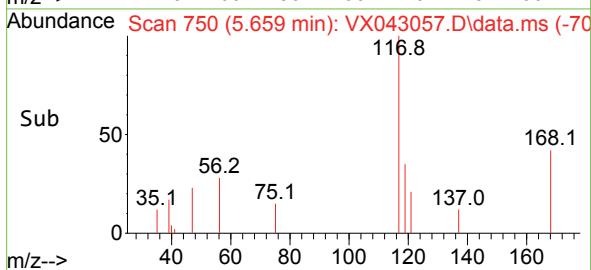
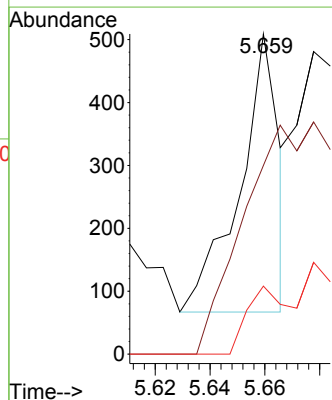
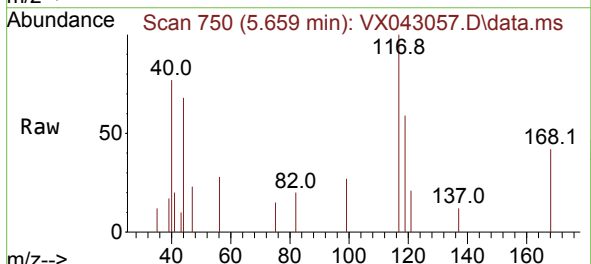
Tgt Ion: 117 Resp: 443

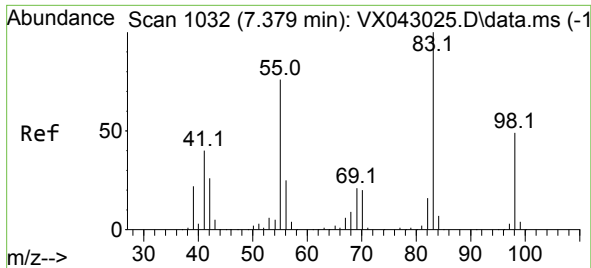
Ion Ratio Lower Upper

117 100

119 67.9 78.2 117.2#

121 24.4 24.4 36.6

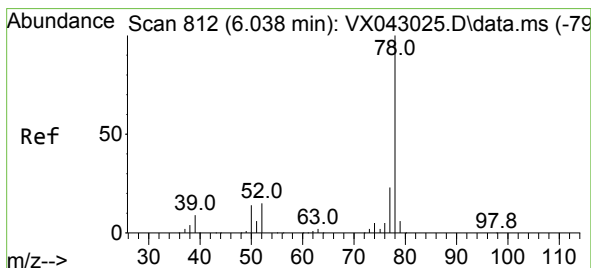
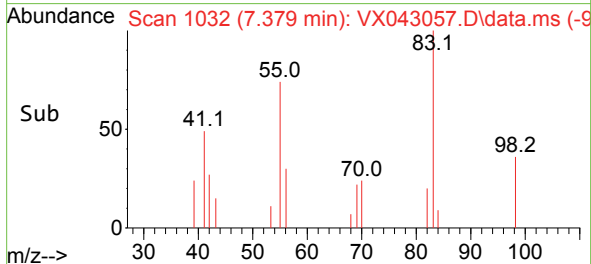
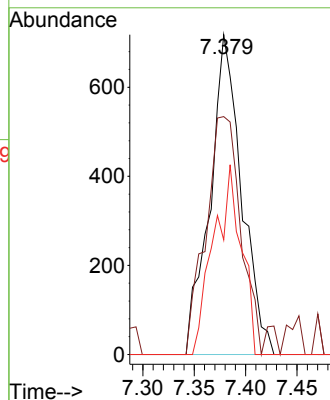
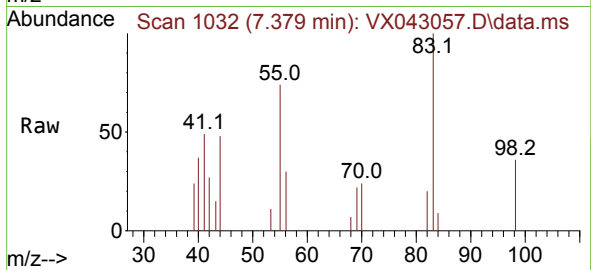




#39
Methylcyclohexane
Concen: 0.667 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

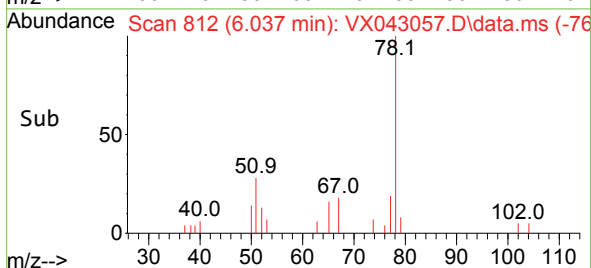
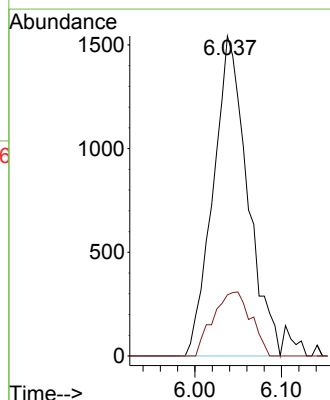
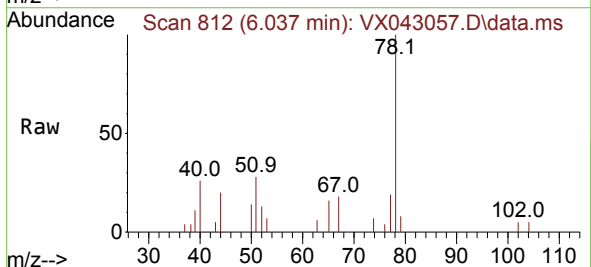
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

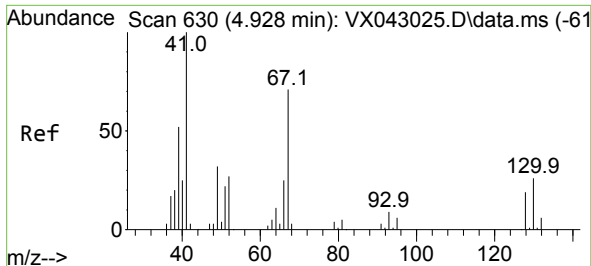
Tgt Ion: 83 Resp: 1537
Ion Ratio Lower Upper
83 100
55 74.4 64.6 97.0
98 35.8 36.7 55.1#



#40
Benzene
Concen: 0.749 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 78 Resp: 4244
Ion Ratio Lower Upper
78 100
77 19.1 19.3 28.9#

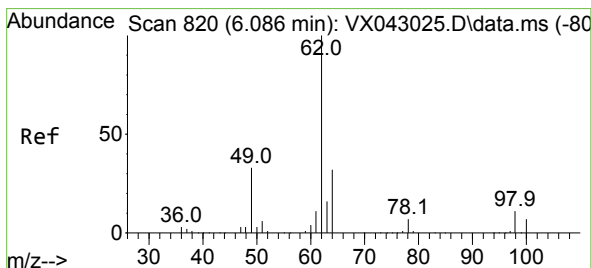
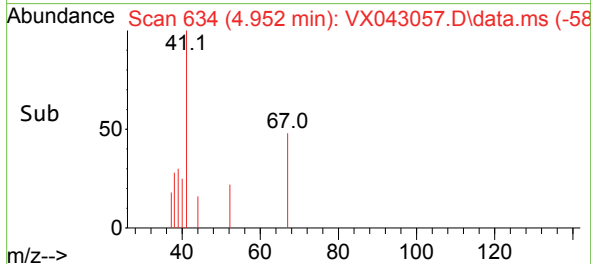
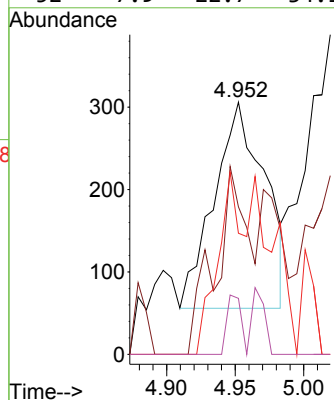
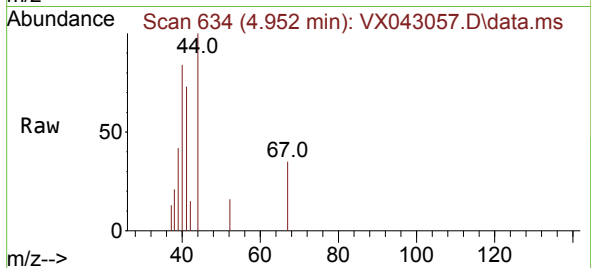




#41
Methacrylonitrile
Concen: 0.520 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

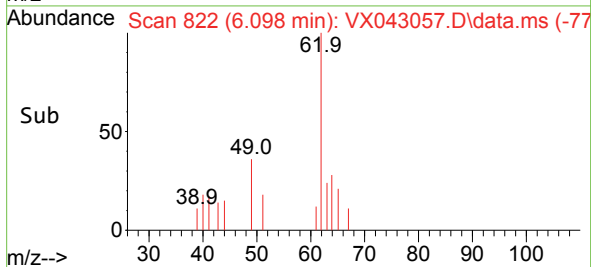
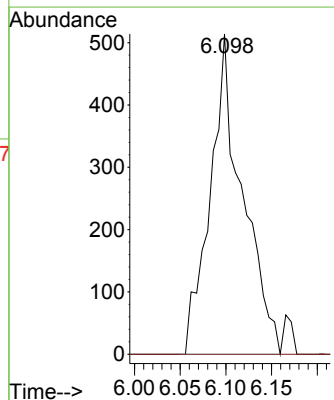
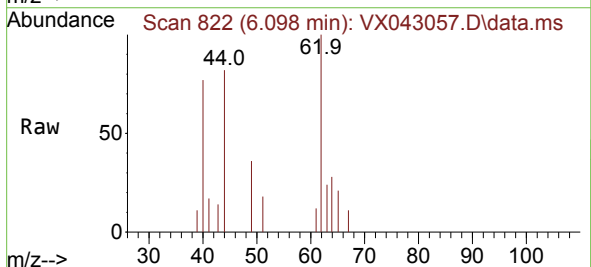
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

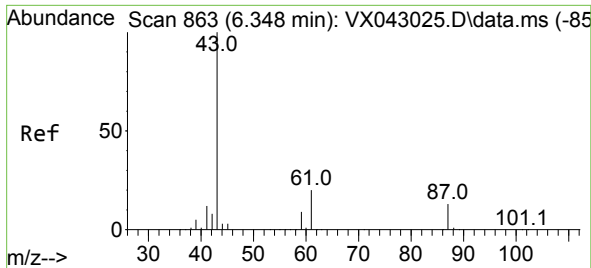
Tgt Ion:	41	Resp:	642
Ion	Ratio	Lower	Upper
41	100		
39	59.7	45.2	67.8
67	45.3	52.6	78.8#
52	7.9	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.765 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion:	62	Resp:	1262
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.748 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

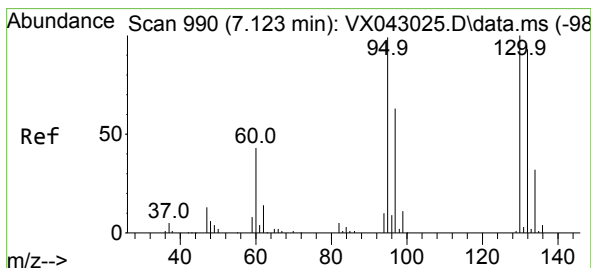
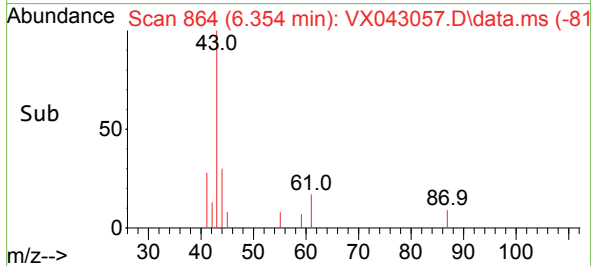
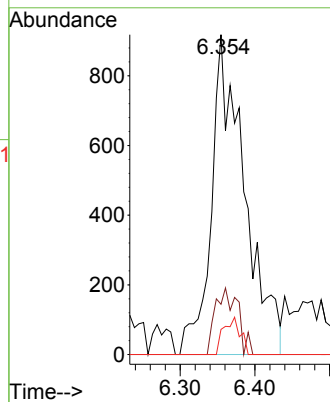
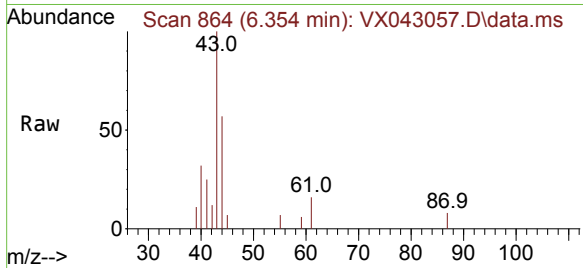
Tgt Ion: 43 Resp: 2829

Ion Ratio Lower Upper

43 100

61 14.1 15.2 22.8#

87 5.9 9.8 14.6#



#44

Trichloroethene

Concen: 0.664 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.018 min

Lab File: VX043057.D

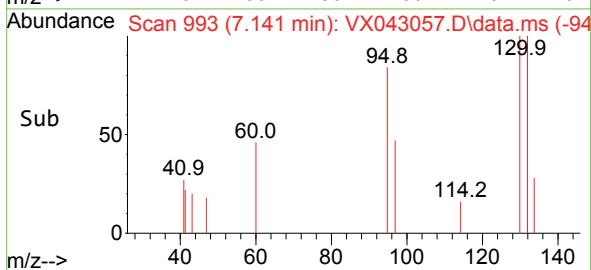
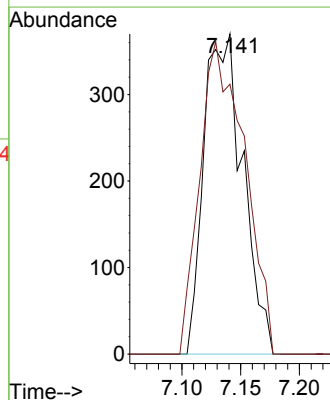
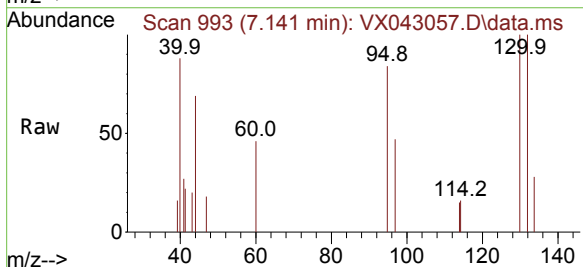
Acq: 15 Aug 2024 16:57

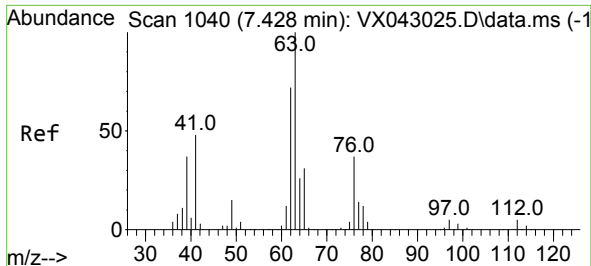
Tgt Ion:130 Resp: 853

Ion Ratio Lower Upper

130 100

95 84.3 0.0 204.4

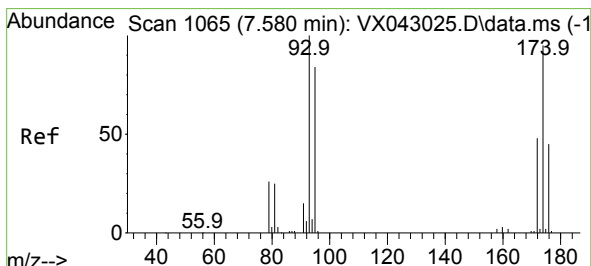
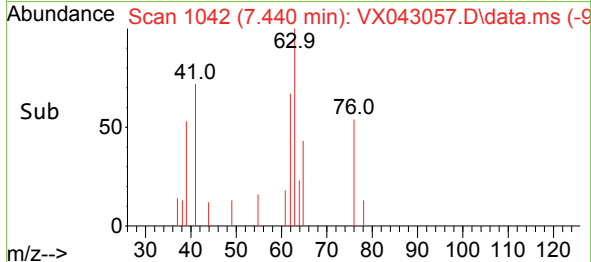
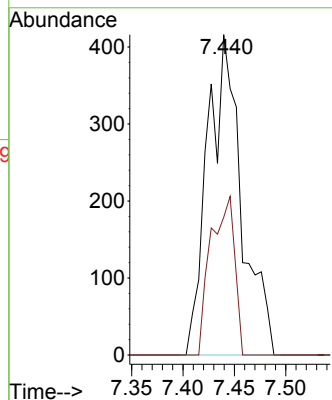
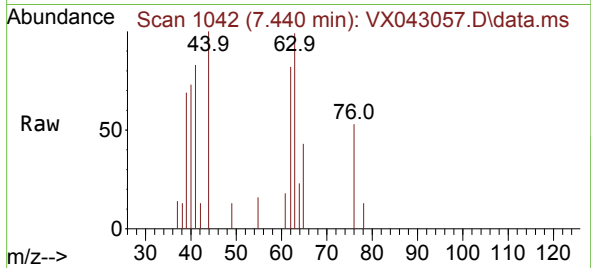




#45
1,2-Dichloropropane
Concen: 0.685 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

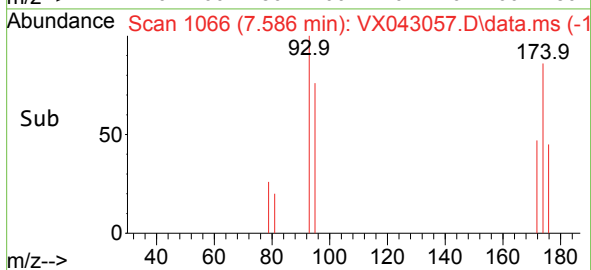
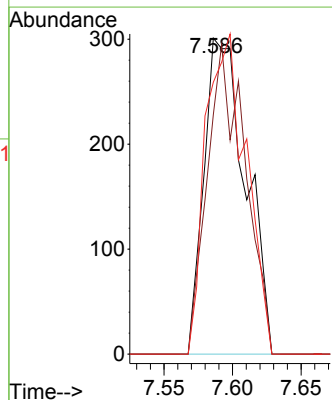
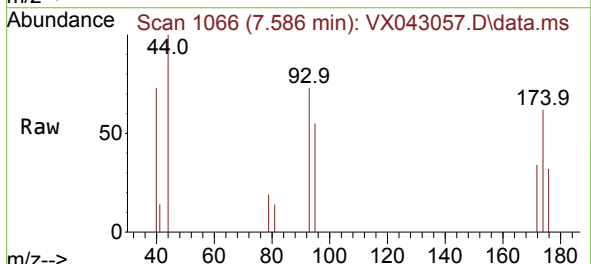
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

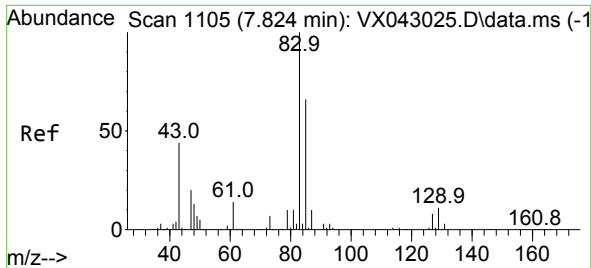
Tgt Ion: 63 Resp: 956
Ion Ratio Lower Upper
63 100
65 43.0 24.3 36.5#



#46
Dibromomethane
Concen: 0.666 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 93 Resp: 635
Ion Ratio Lower Upper
93 100
95 89.8 66.6 100.0
174 98.7 69.4 104.0

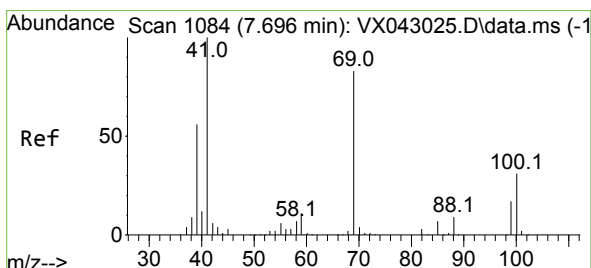
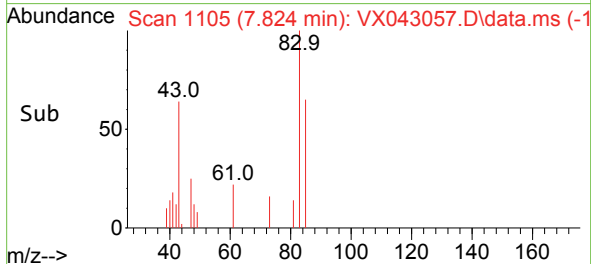
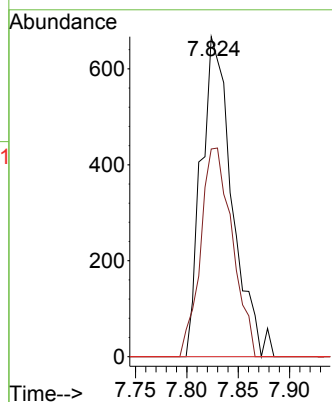
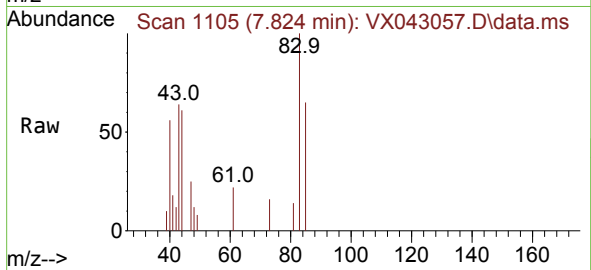




#47
Bromodichloromethane
Concen: 0.752 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

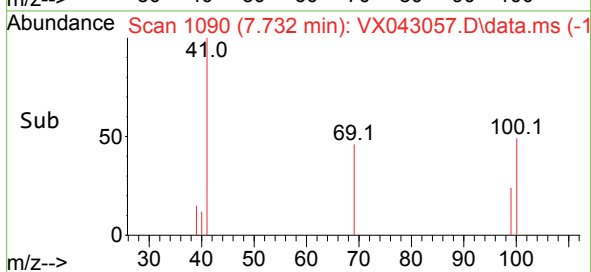
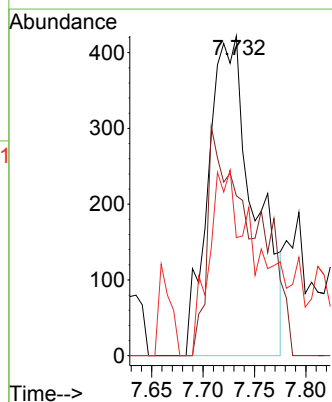
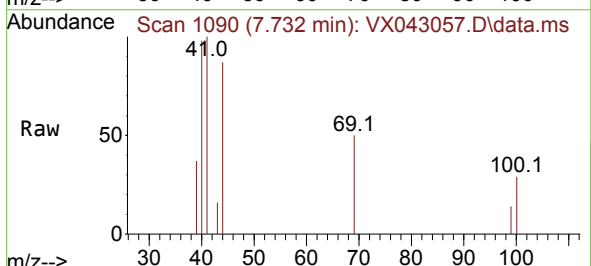
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

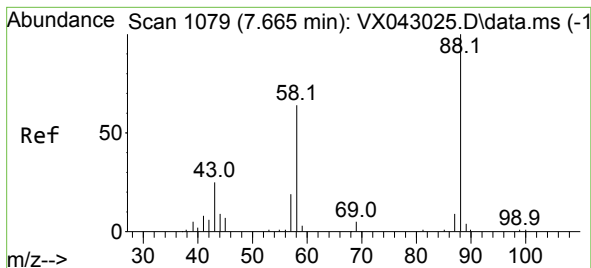
Tgt Ion: 83	Resp:	1392
Ion	Ratio	Lower Upper
83	100	
85	64.9	49.8 74.6
127	0.0	7.1 10.7#



#48
Methyl methacrylate
Concen: 0.782 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.037 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 41	Resp:	1318
Ion	Ratio	Lower Upper
41	100	
69	0.0	59.2 88.8#
39	70.0	47.7 71.5





#49

1,4-Dioxane

Concen: 10.182 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.030 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

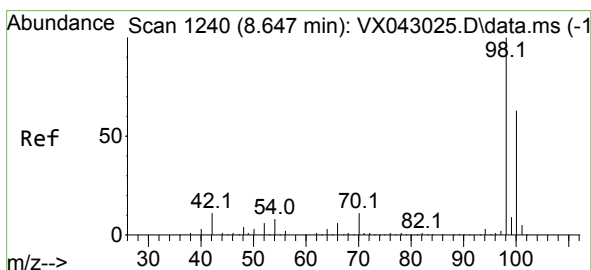
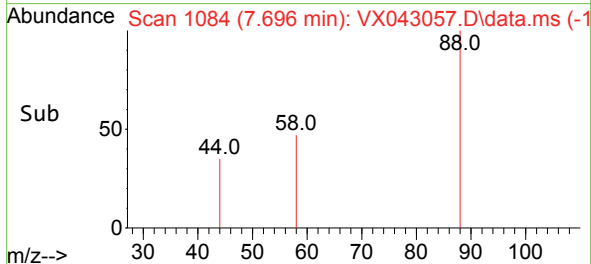
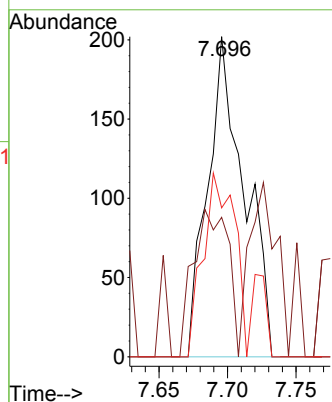
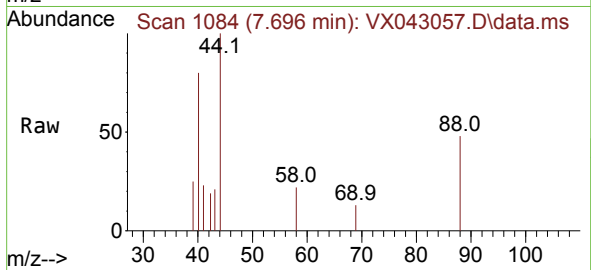
Tgt Ion: 88 Resp: 376

Ion Ratio Lower Upper

88 100

43 43.6 0.0 0.0#

58 49.5 60.1 90.1#



#50

Toluene-d8

Concen: 51.806 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043057.D

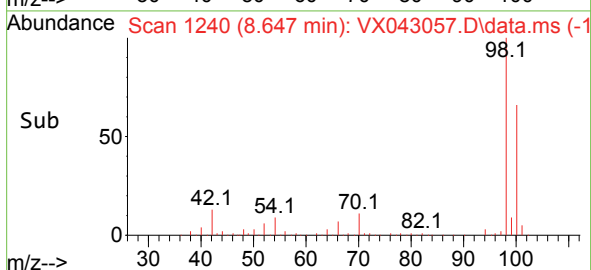
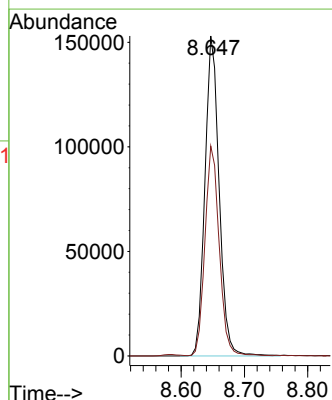
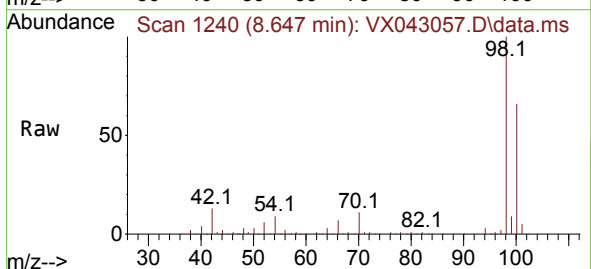
Acq: 15 Aug 2024 16:57

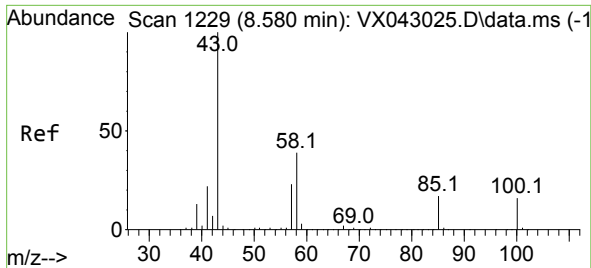
Tgt Ion: 98 Resp: 239528

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7

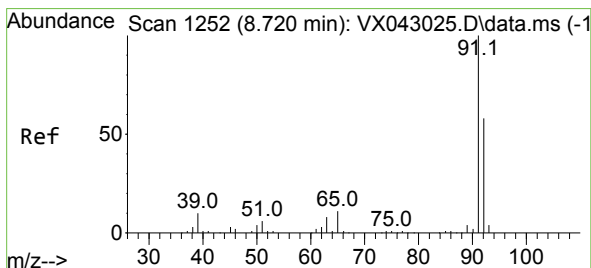
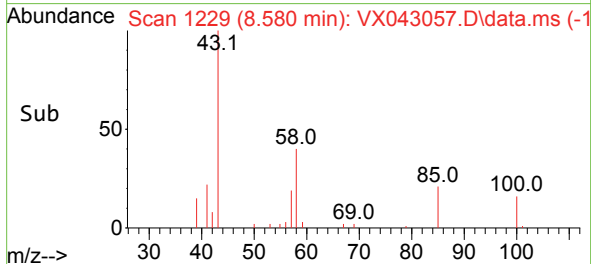
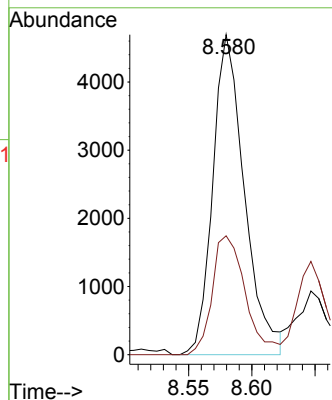
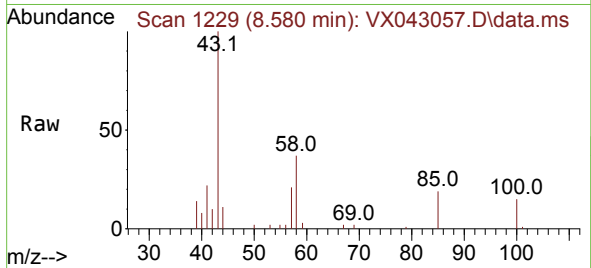




#51
4-Methyl-2-Pentanone
Concen: 3.393 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

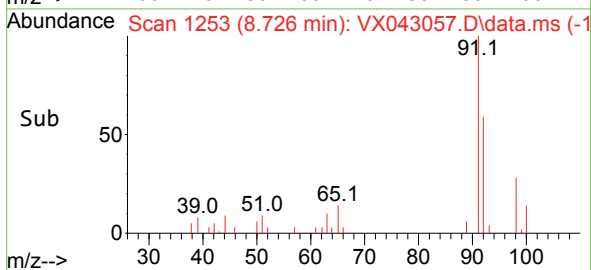
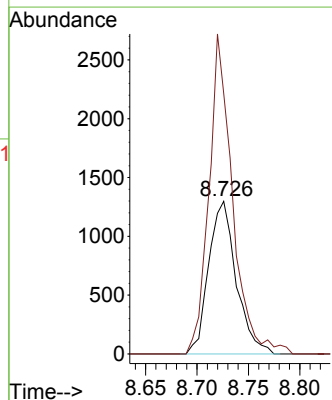
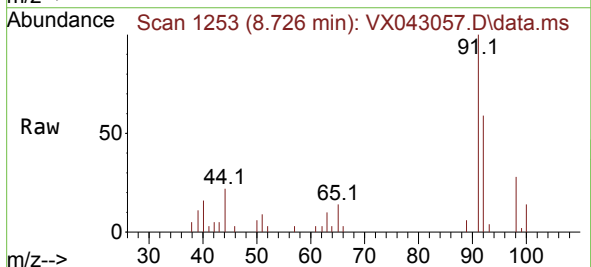
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

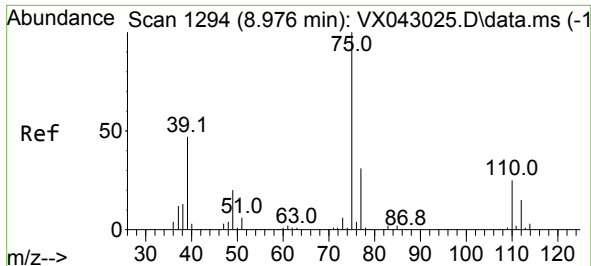
Tgt Ion: 43 Resp: 8154
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6



#52
Toluene
Concen: 0.706 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 92 Resp: 2419
Ion Ratio Lower Upper
92 100
91 179.1 134.2 201.2

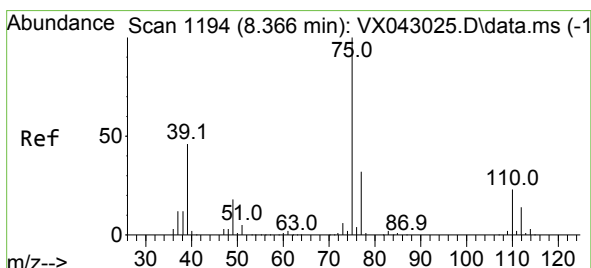
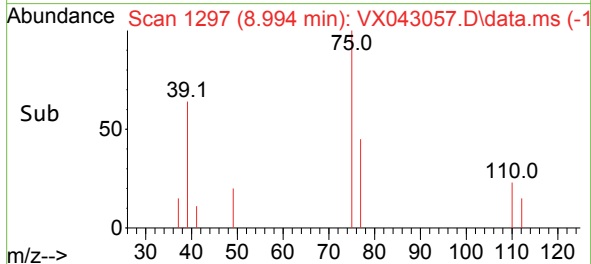
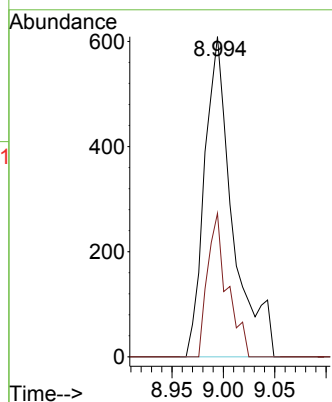
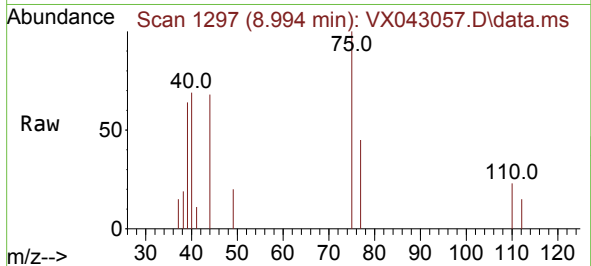




#53
 t-1,3-Dichloropropene
 Concen: 0.572 ug/l
 RT: 8.994 min Scan# 1195
 Delta R.T. 0.018 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

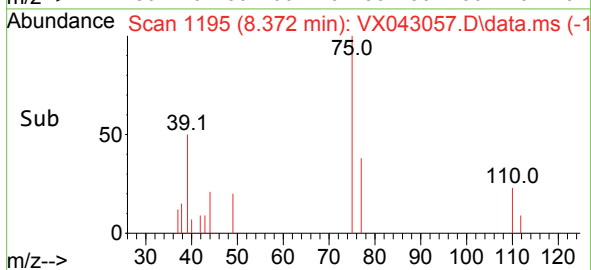
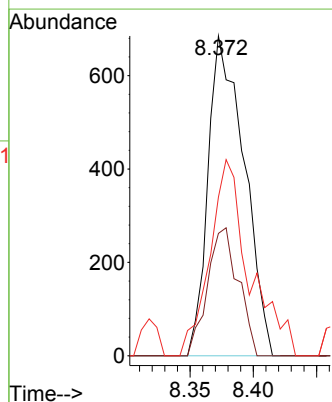
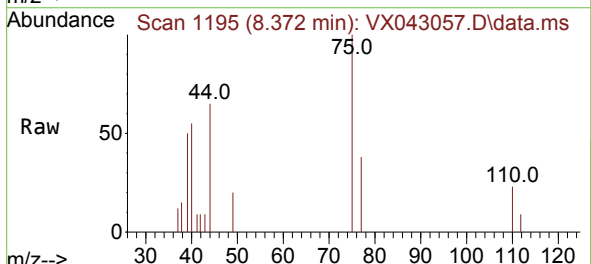
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

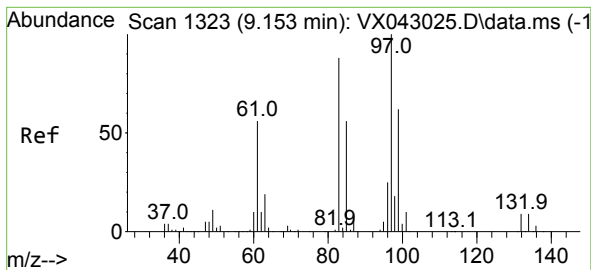
Tgt Ion: 75 Resp: 1157
 Ion Ratio Lower Upper
 75 100
 77 44.8 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.611 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

Tgt Ion: 75 Resp: 1359
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.3 37.9#
 39 49.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.694 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX043057.D

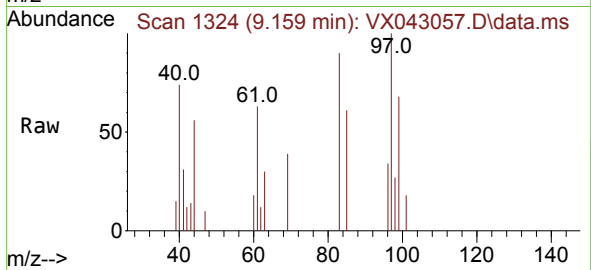
Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

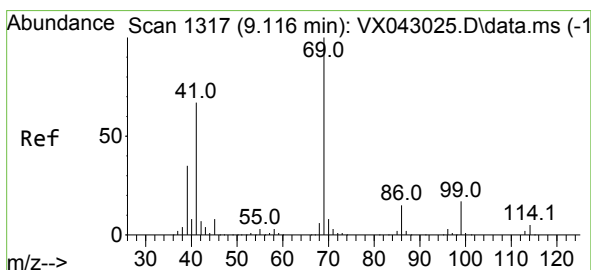
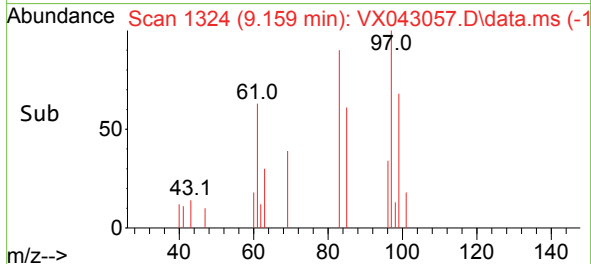
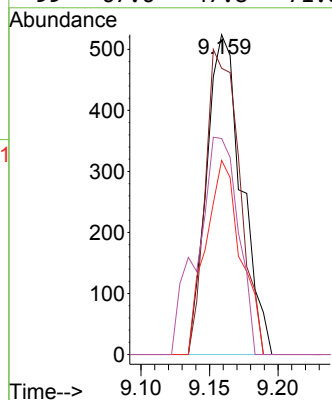
ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 97 Resp: 933

Ion	Ratio	Lower	Upper
97	100		
83	89.5	65.8	98.8
85	60.7	41.6	62.4
99	67.6	47.8	71.8



#56

Ethyl methacrylate

Concen: 0.613 ug/l

RT: 9.128 min Scan# 1319

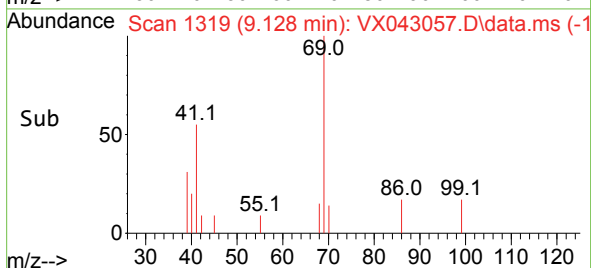
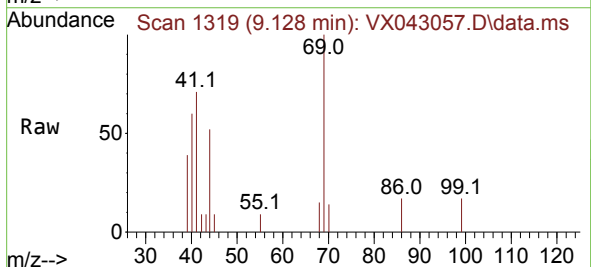
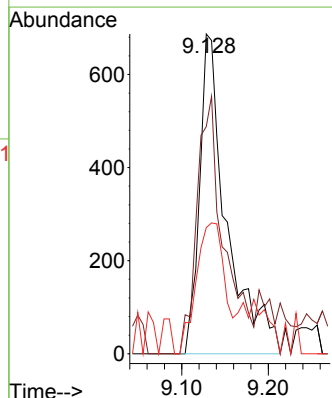
Delta R.T. 0.012 min

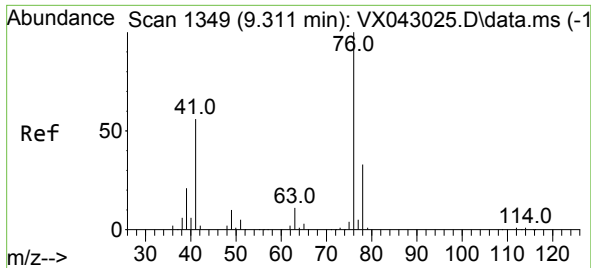
Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Tgt Ion: 69 Resp: 1494

Ion	Ratio	Lower	Upper
69	100		
41	79.9	56.8	85.2
39	42.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.648 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

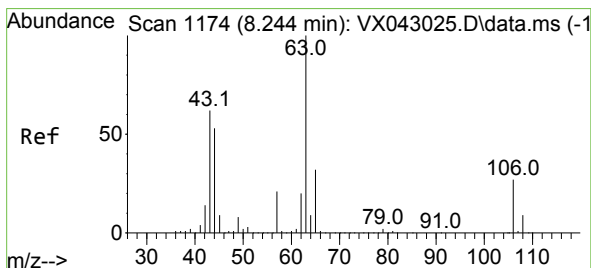
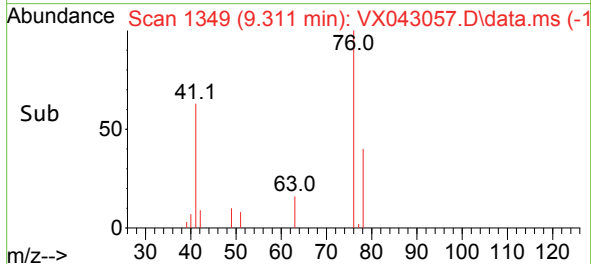
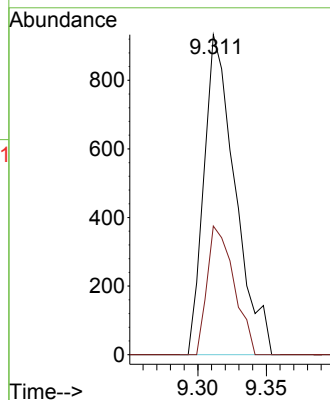
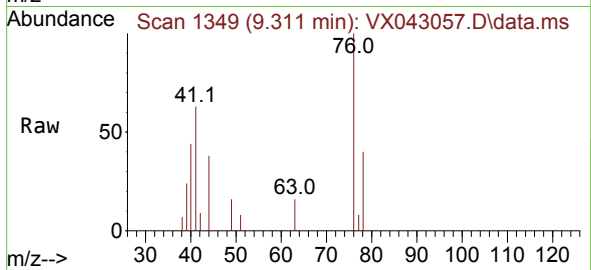
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 1476

Ion Ratio Lower Upper

76 100

78 34.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.064 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX043057.D

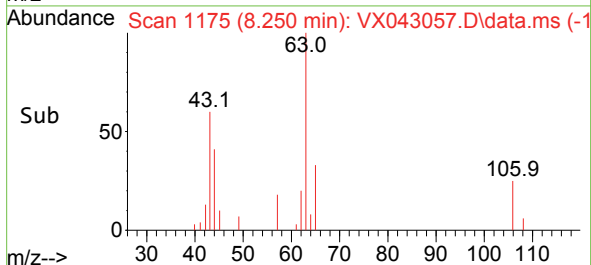
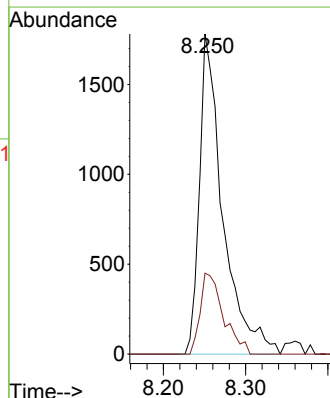
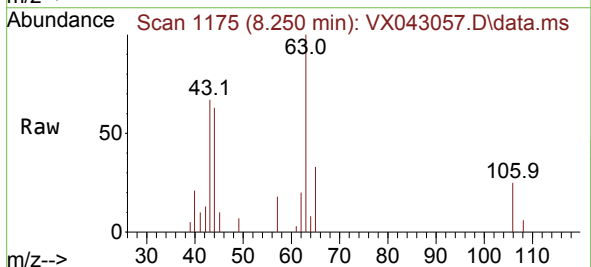
Acq: 15 Aug 2024 16:57

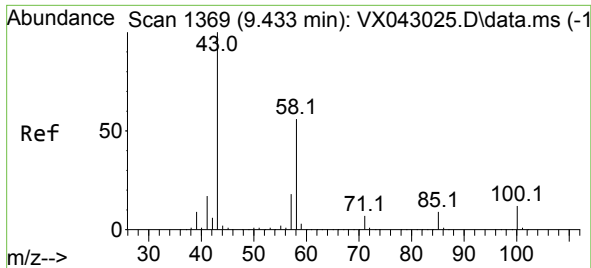
Tgt Ion: 63 Resp: 3502

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7

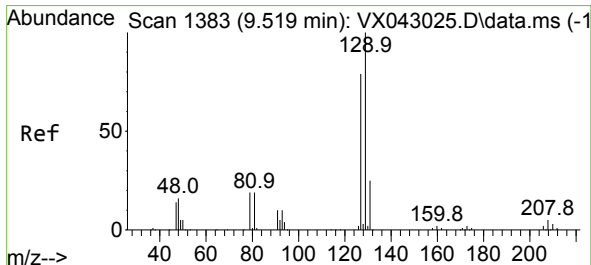
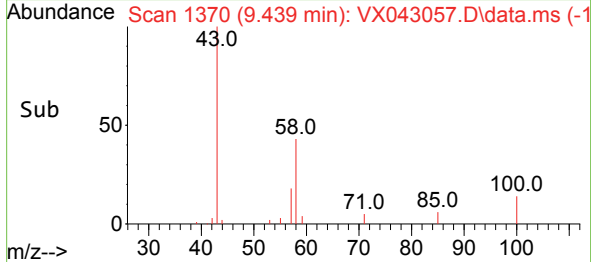
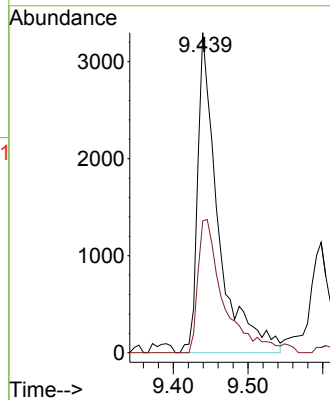
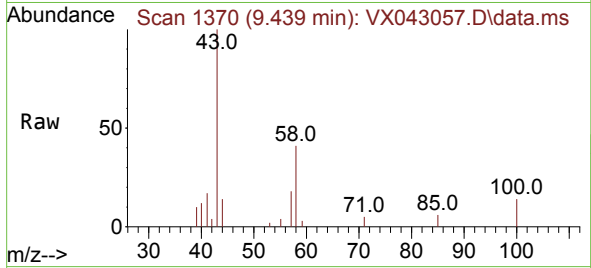




#59
2-Hexanone
Concen: 3.426 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

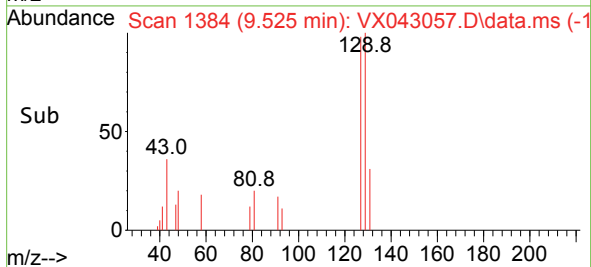
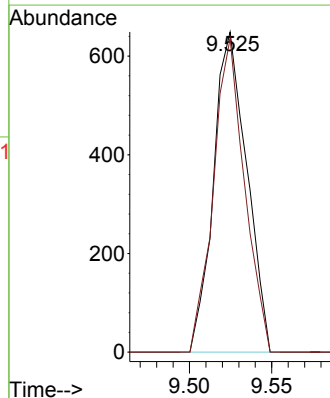
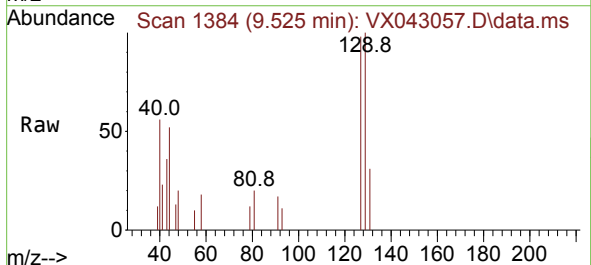
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

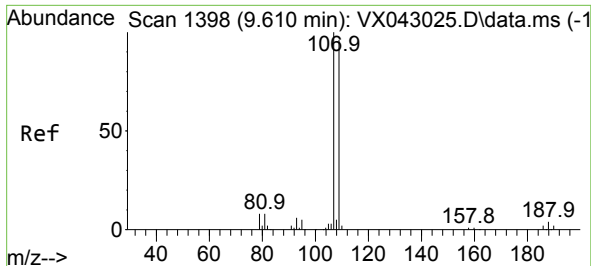
Tgt Ion: 43 Resp: 6328
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5



#60
Dibromochloromethane
Concen: 0.642 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 129 Resp: 911
Ion Ratio Lower Upper
129 100
127 91.9 38.8 116.4

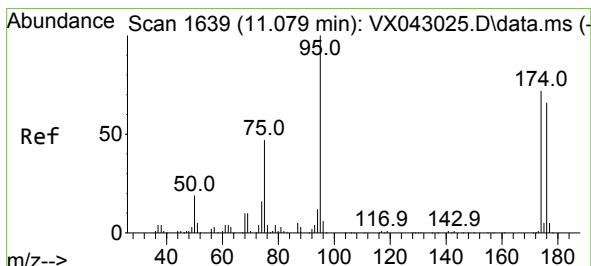
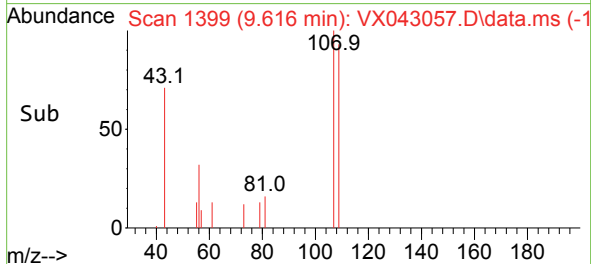
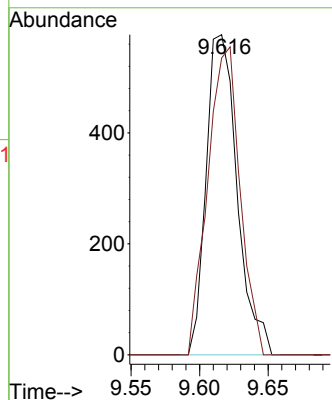
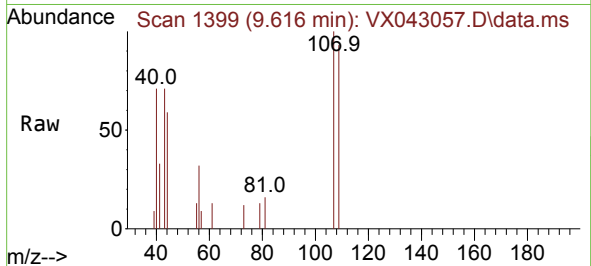




#61
1,2-Dibromoethane
Concen: 0.670 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

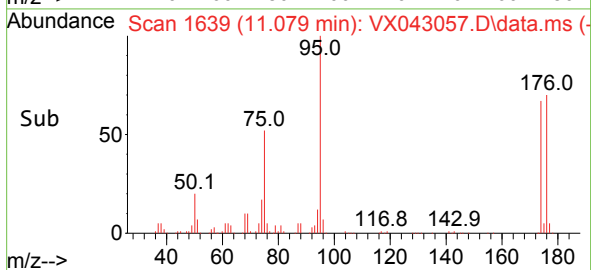
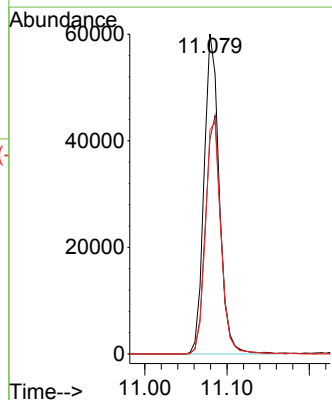
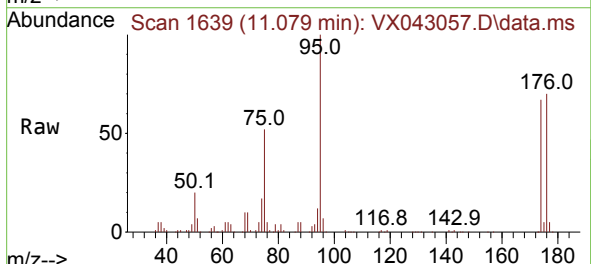
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

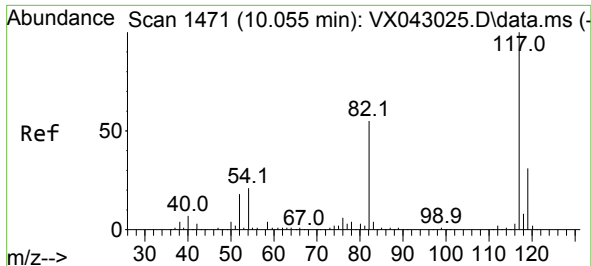
Tgt Ion:107 Resp: 909
Ion Ratio Lower Upper
107 100
109 100.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 46.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 95 Resp: 77127
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 74.3 0.0 131.0

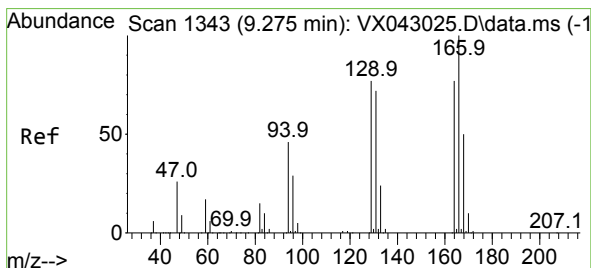
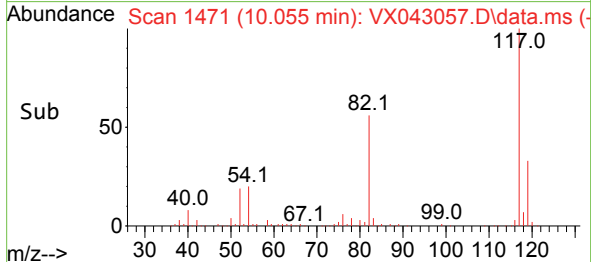
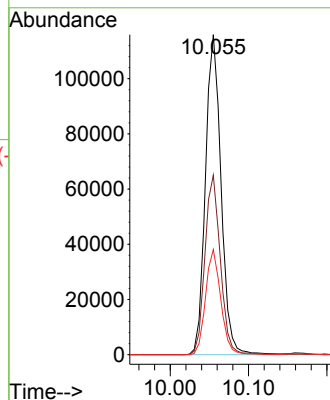
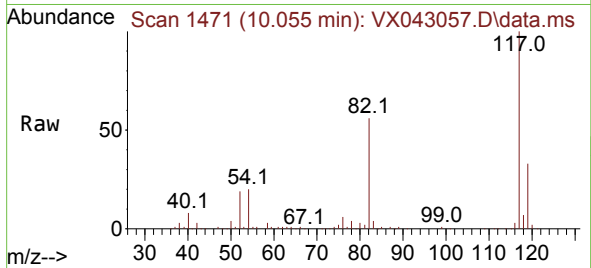




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

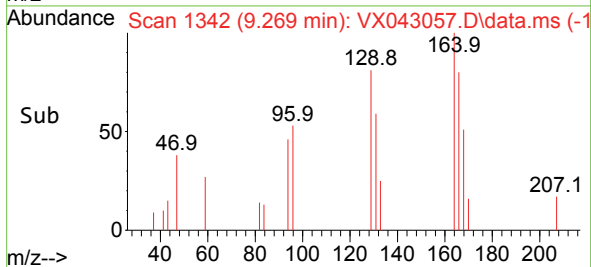
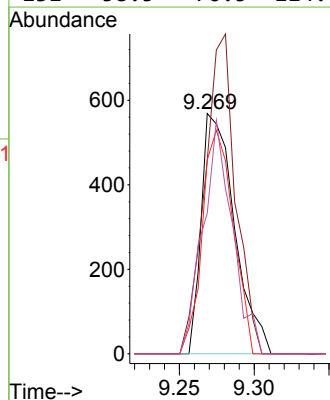
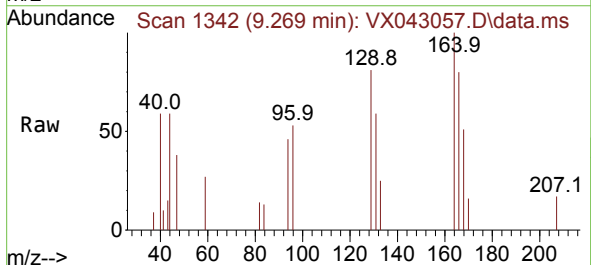
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

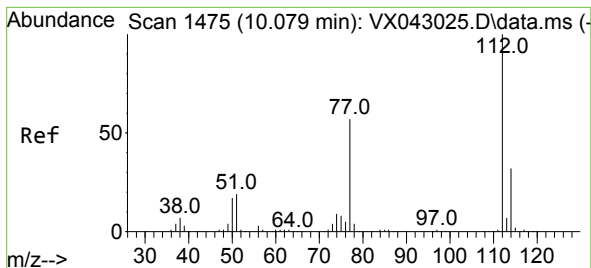
Tgt Ion:117 Resp: 160251
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.851 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion:164 Resp: 880
Ion Ratio Lower Upper
164 100
166 80.5 102.7 154.1#
129 80.7 80.4 120.6
131 58.5 76.5 114.7#





#65

Chlorobenzene

Concen: 0.748 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

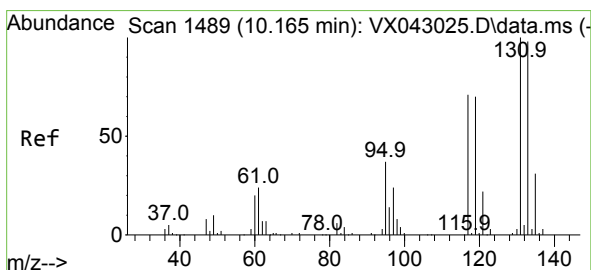
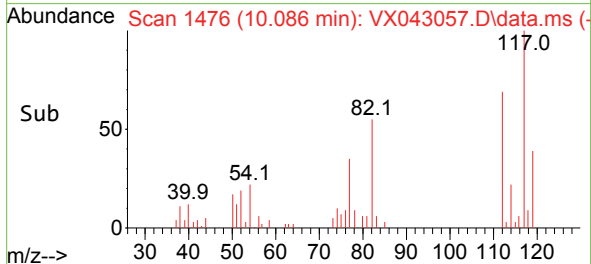
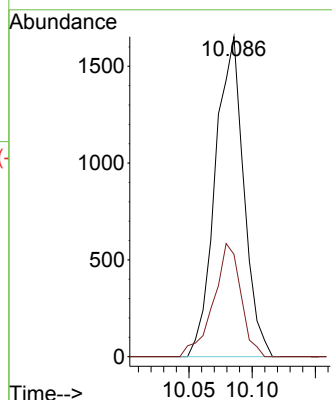
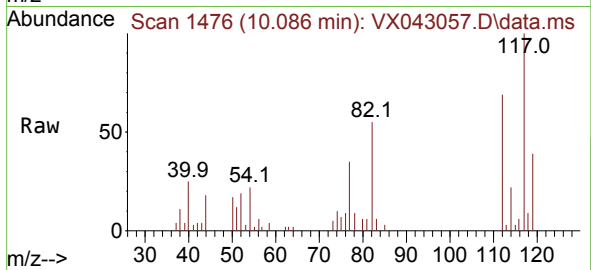
MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 2586

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.737 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

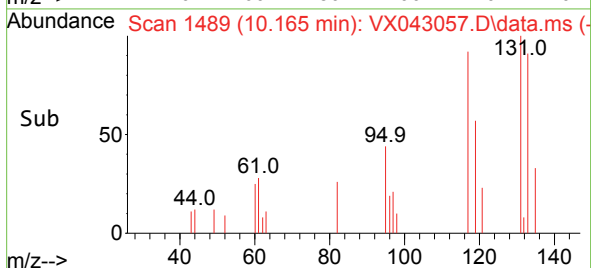
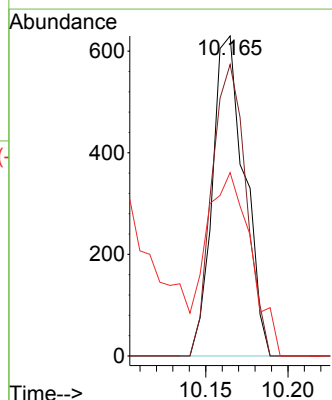
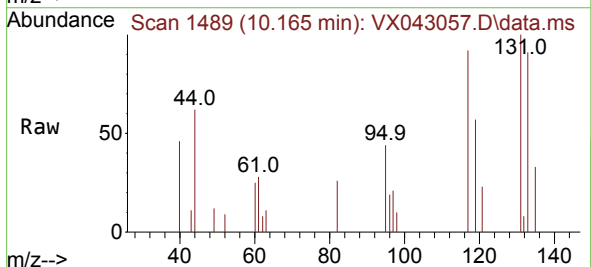
Tgt Ion:131 Resp: 859

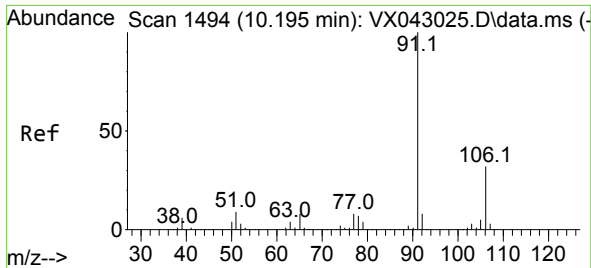
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.4

119 0.0 32.2 96.6#

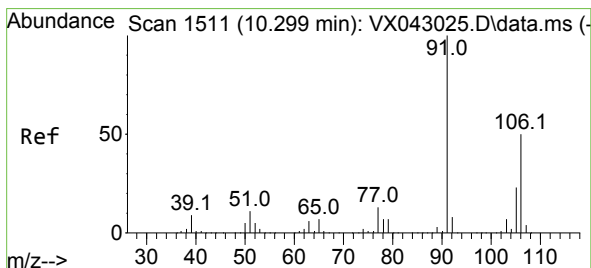
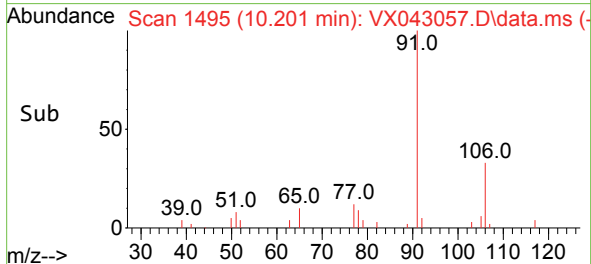
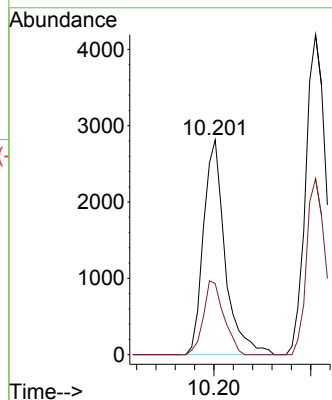
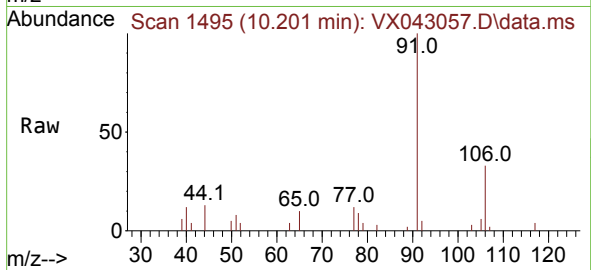




#67
Ethyl Benzene
Concen: 0.729 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

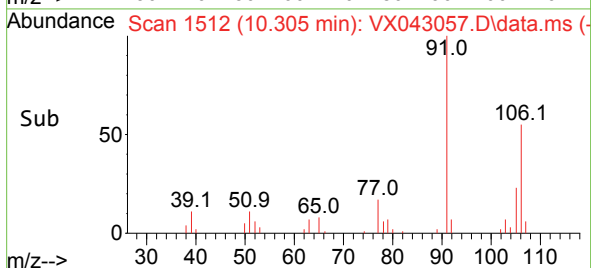
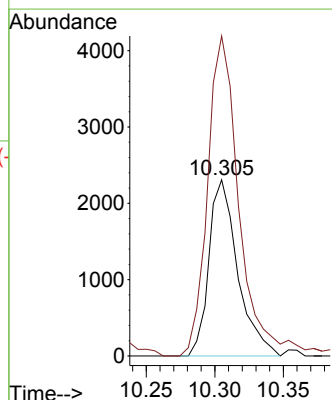
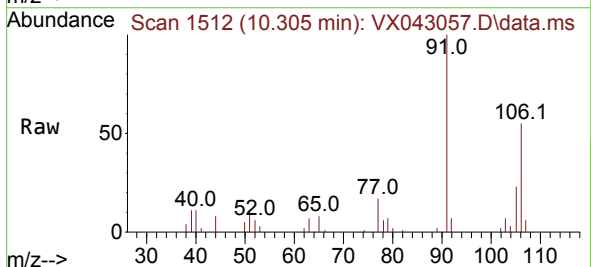
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

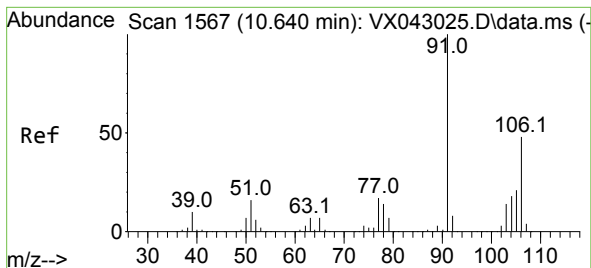
Tgt Ion: 91 Resp: 4380
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 1.460 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 106 Resp: 3372
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3





#69

o-Xylene

Concen: 0.809 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

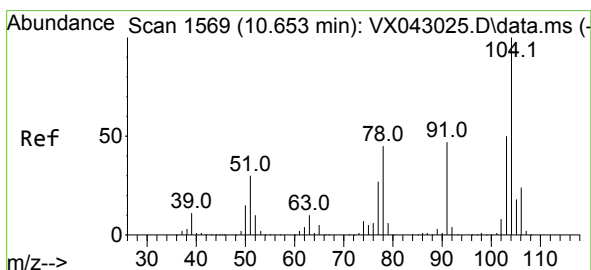
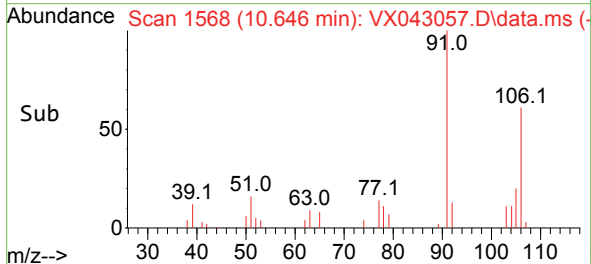
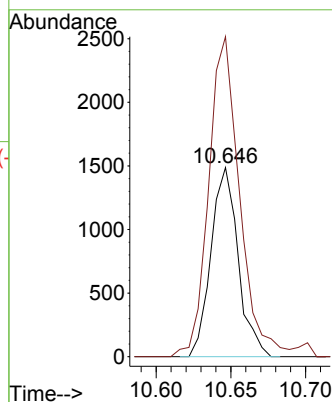
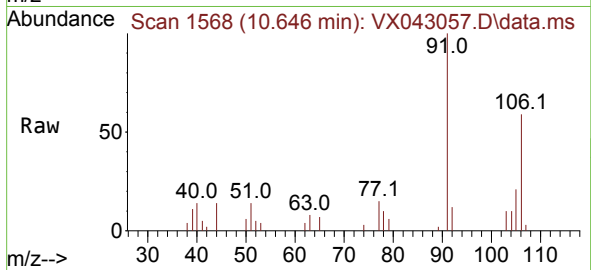
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 1877

Ion Ratio Lower Upper

106 100

91 192.4 108.9 326.8



#70

Styrene

Concen: 0.647 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

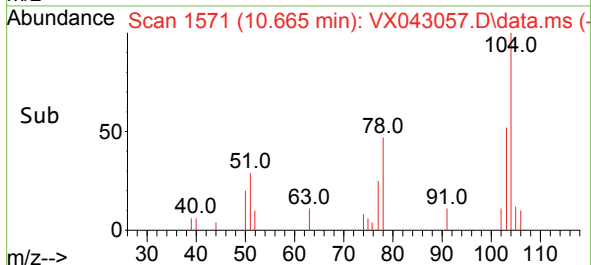
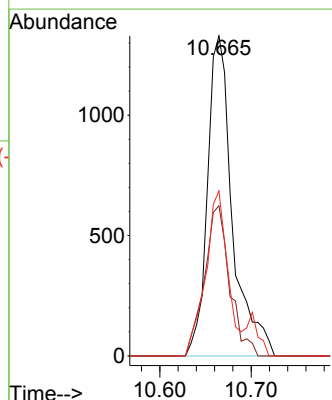
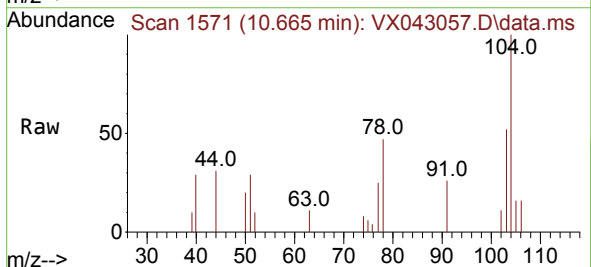
Tgt Ion:104 Resp: 2517

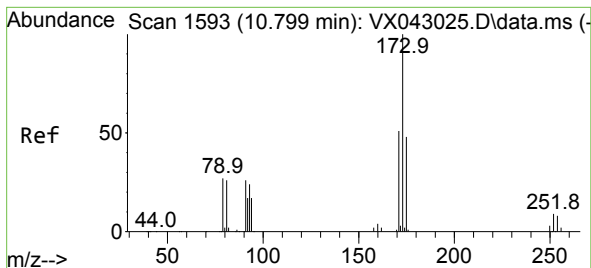
Ion Ratio Lower Upper

104 100

78 47.5 43.6 65.4

103 46.0 43.6 65.4





#71

Bromoform

Concen: 0.731 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

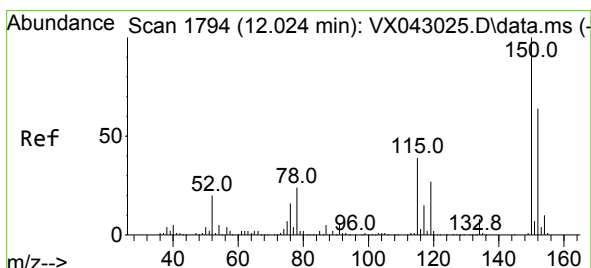
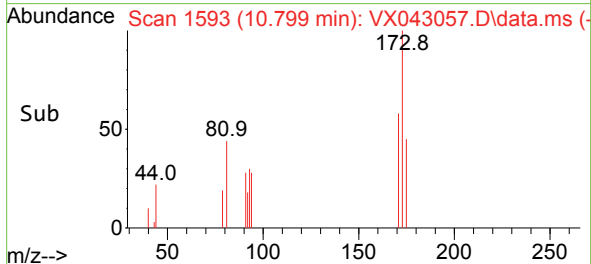
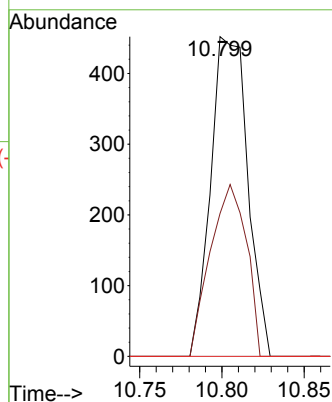
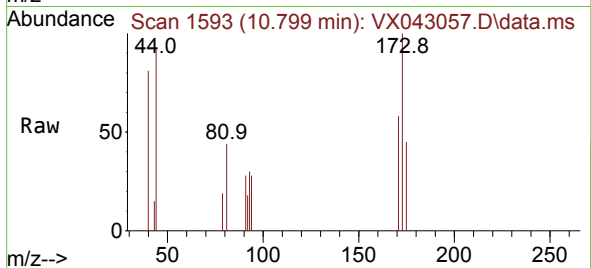
Tgt Ion:173 Resp: 707

Ion Ratio Lower Upper

173 100

175 52.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

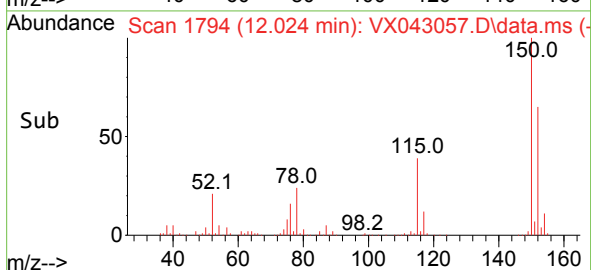
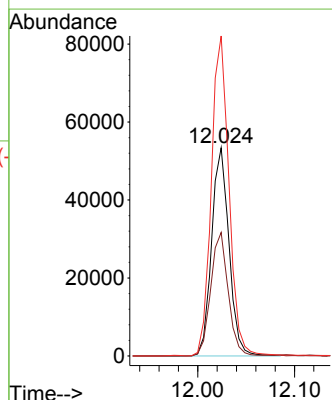
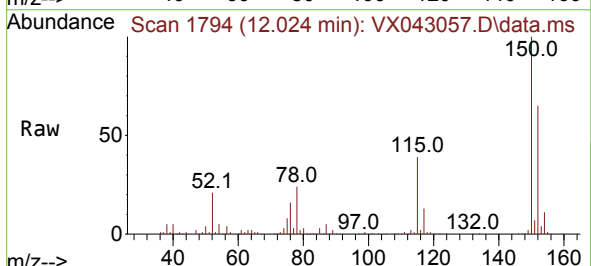
Tgt Ion:152 Resp: 66737

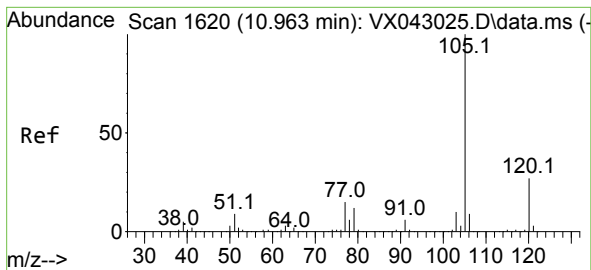
Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 157.2 0.0 345.0





#73

Isopropylbenzene

Concen: 0.743 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

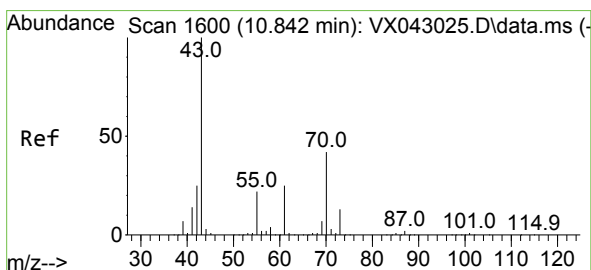
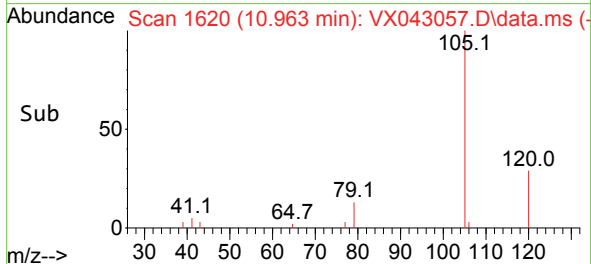
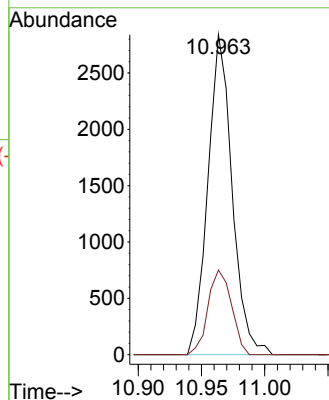
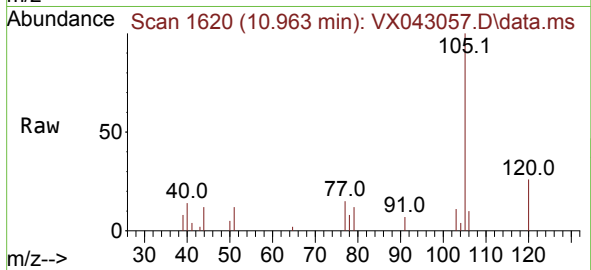
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 3783

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 0.646 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Tgt Ion: 43 Resp: 1872

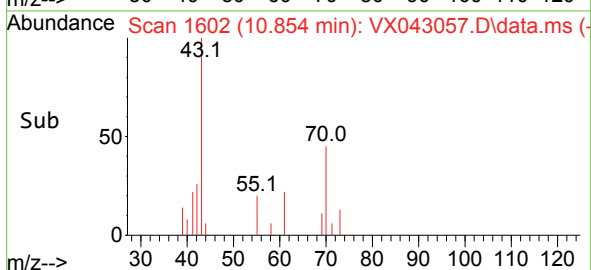
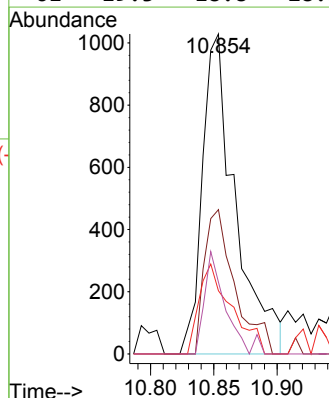
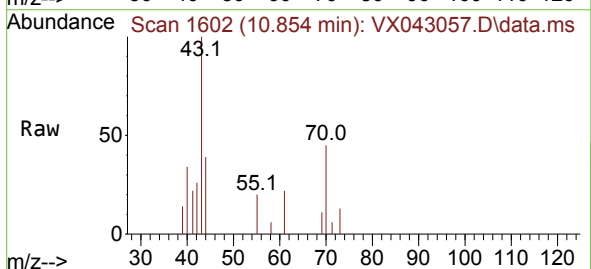
Ion Ratio Lower Upper

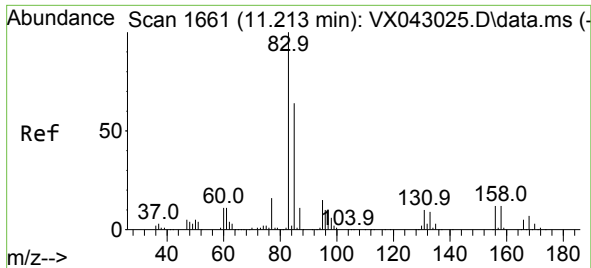
43 100

70 41.7 32.9 49.3

55 27.5 19.3 28.9

61 19.3 18.8 28.2

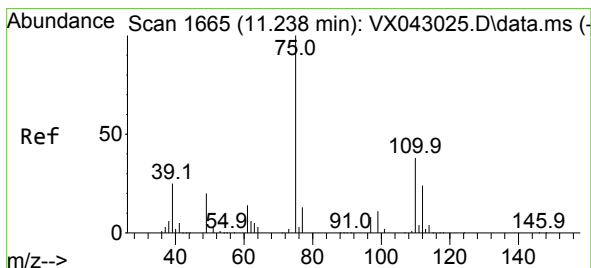
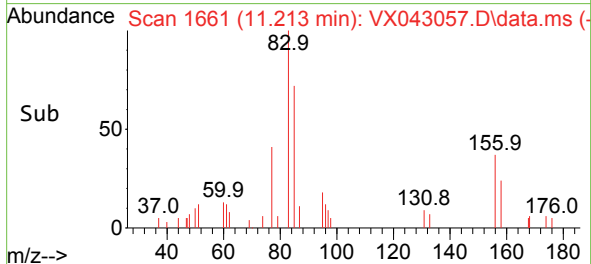
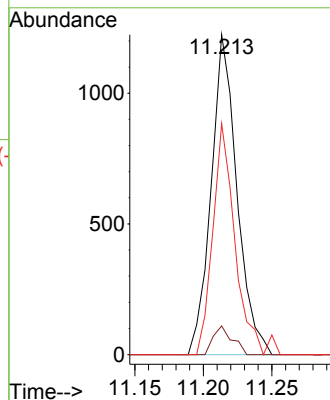
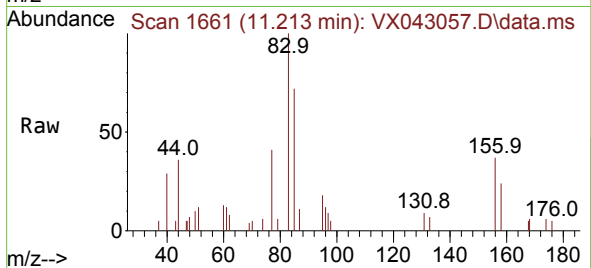




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.818 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

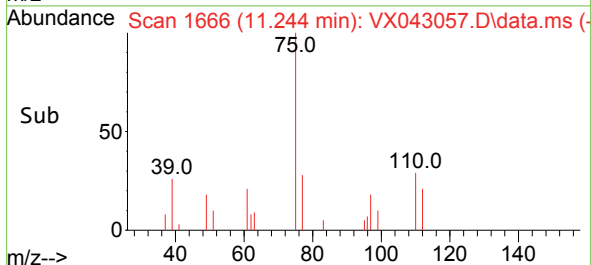
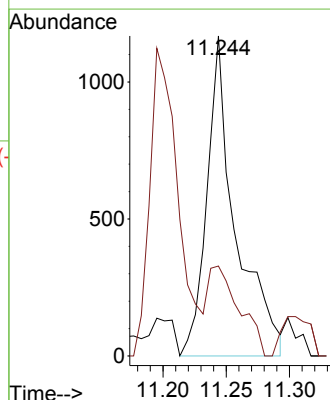
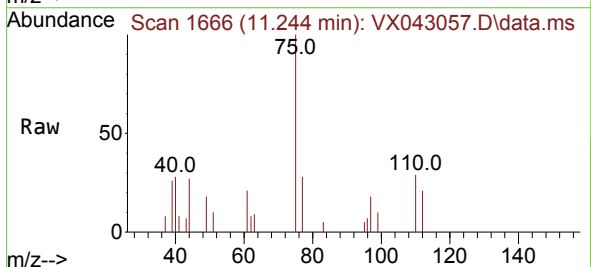
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT3-2024

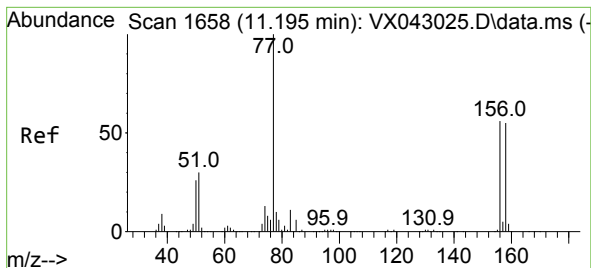
Tgt Ion: 83 Resp: 1603
 Ion Ratio Lower Upper
 83 100
 131 6.6 5.3 15.8
 85 62.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 1.203 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

Tgt Ion: 75 Resp: 1840
 Ion Ratio Lower Upper
 75 100
 77 30.4 19.1 57.5





#77

Bromobenzene

Concen: 0.872 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

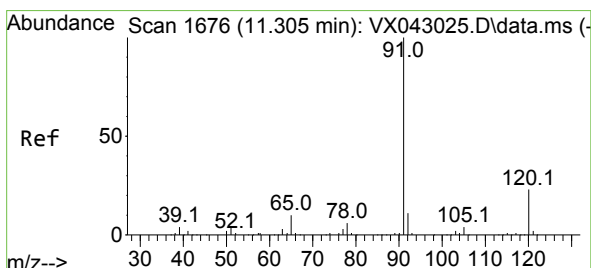
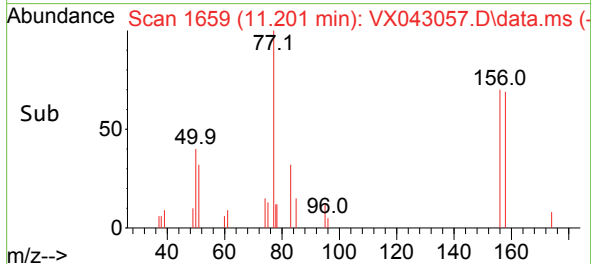
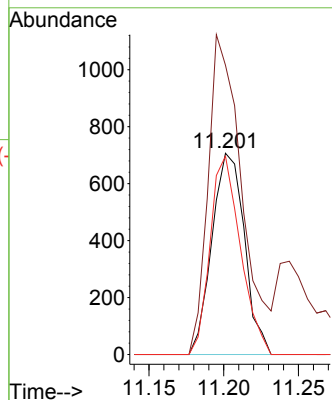
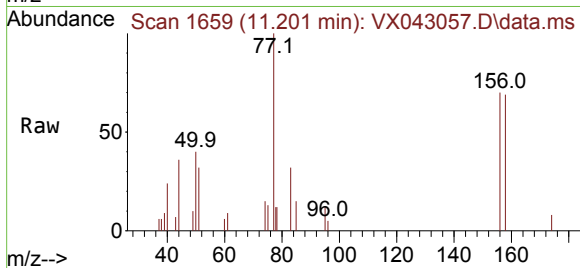
Tgt Ion:156 Resp: 1067

Ion Ratio Lower Upper

156 100

77 164.9 88.4 265.3

158 92.4 48.0 144.0



#78

n-propylbenzene

Concen: 0.723 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043057.D

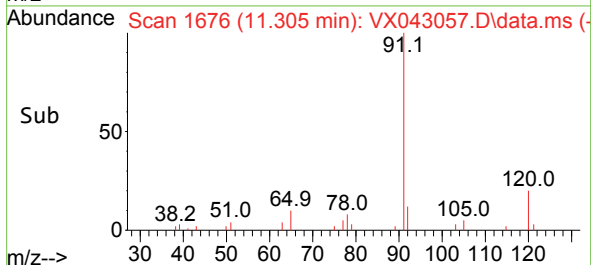
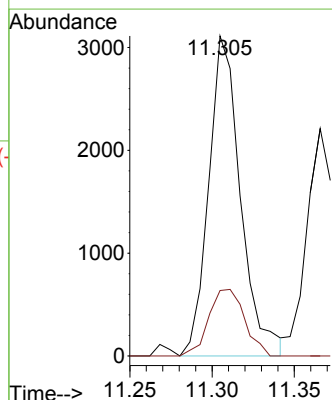
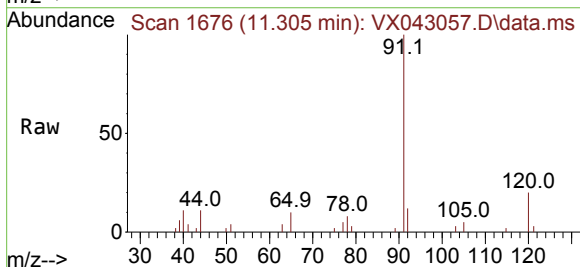
Acq: 15 Aug 2024 16:57

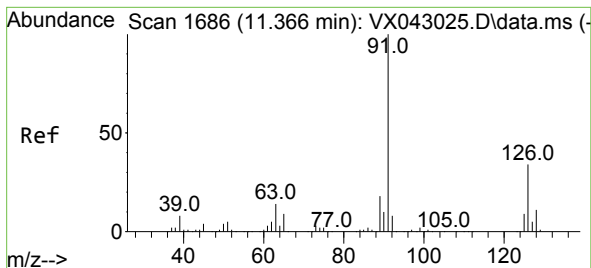
Tgt Ion: 91 Resp: 4197

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.860 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

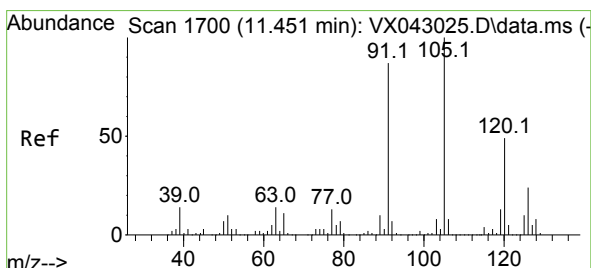
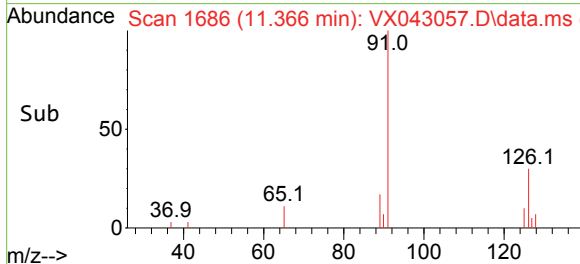
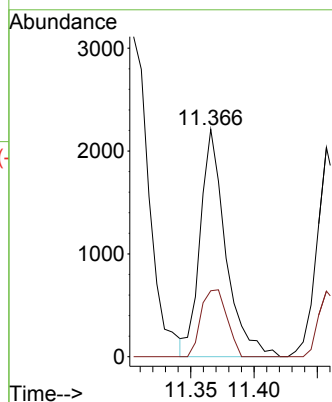
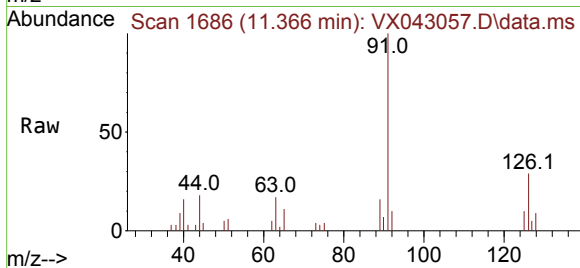
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 3105

Ion Ratio Lower Upper

91 100

126 29.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.729 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043057.D

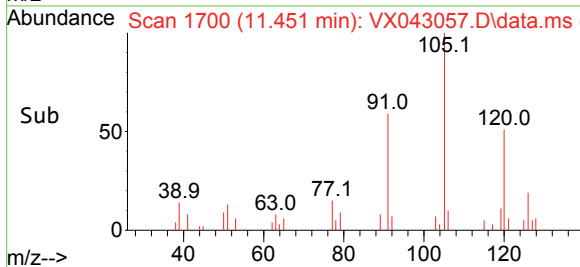
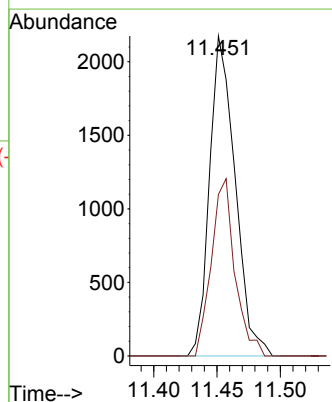
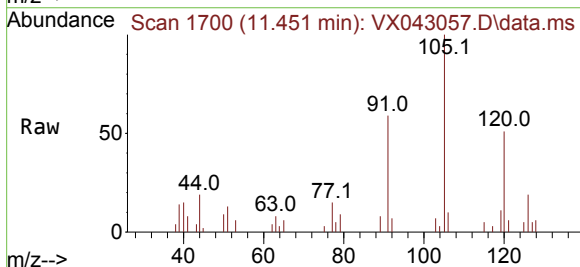
Acq: 15 Aug 2024 16:57

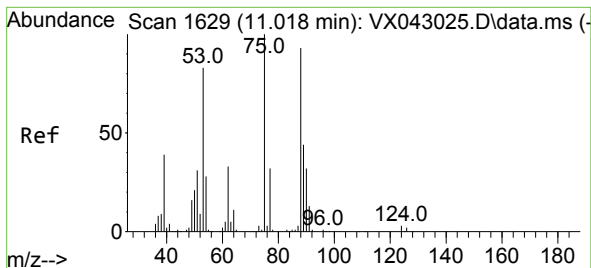
Tgt Ion: 105 Resp: 3058

Ion Ratio Lower Upper

105 100

120 51.0 24.1 72.3

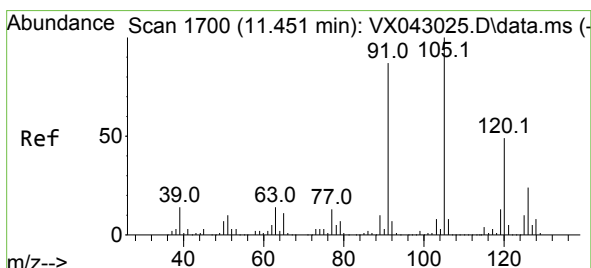
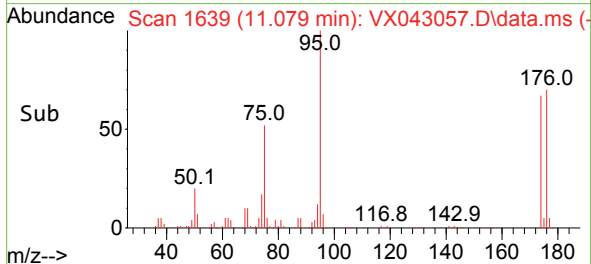
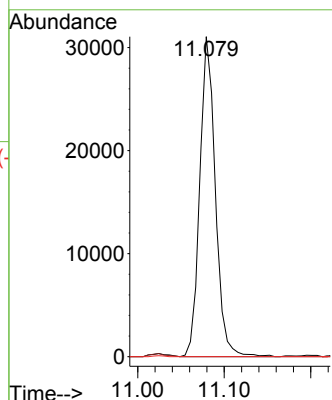
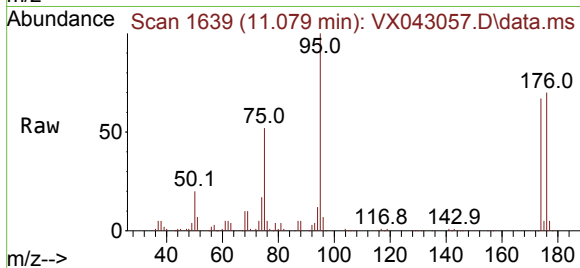




#81
trans-1,4-Dichloro-2-butene
Concen: 55.328 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

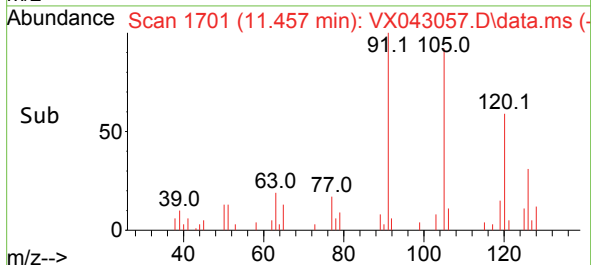
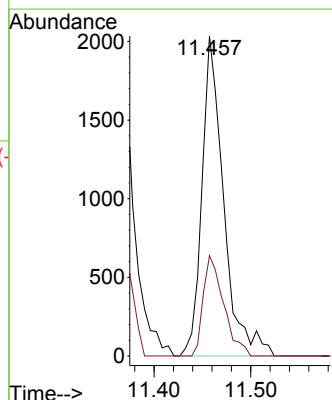
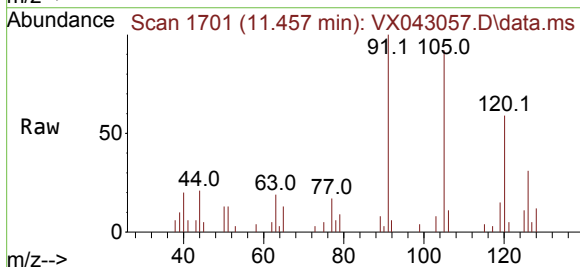
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

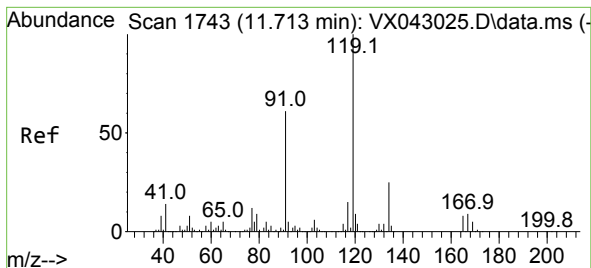
Tgt Ion: 75 Resp: 38797
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.789 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043057.D
Acq: 15 Aug 2024 16:57

Tgt Ion: 91 Resp: 3174
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.765 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

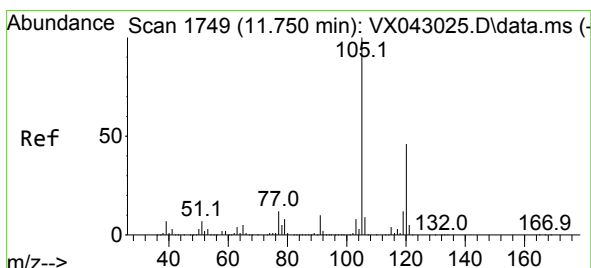
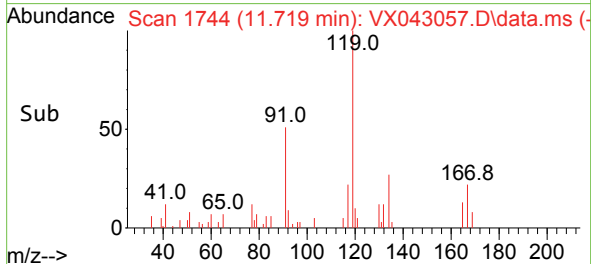
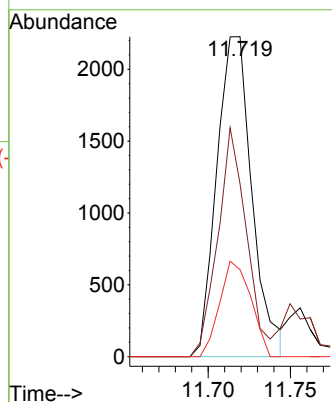
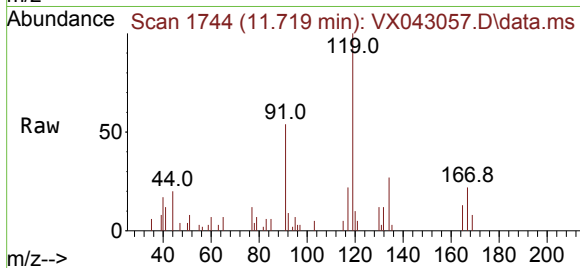
Tgt Ion:119 Resp: 3322

Ion Ratio Lower Upper

119 100

91 58.3 31.2 93.6

134 26.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.721 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043057.D

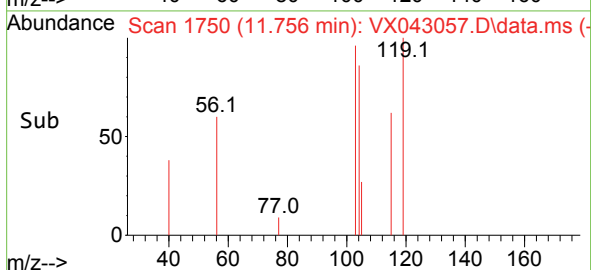
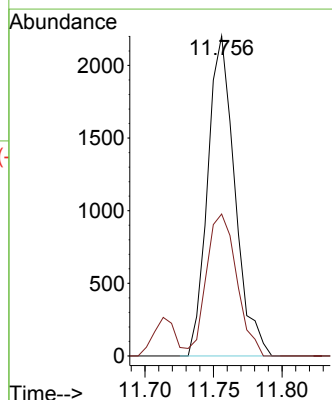
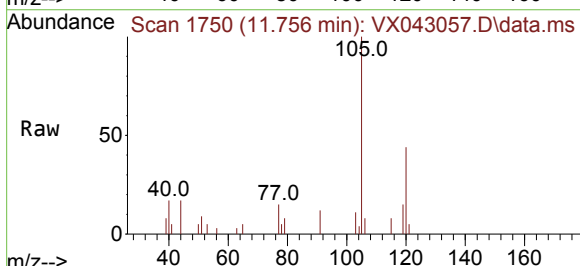
Acq: 15 Aug 2024 16:57

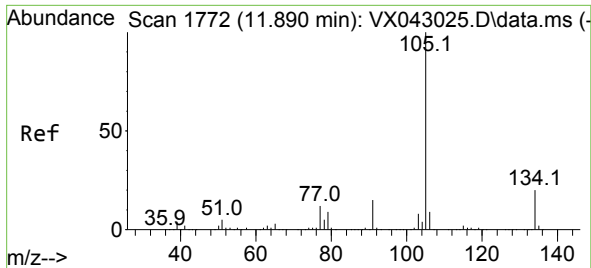
Tgt Ion:105 Resp: 3049

Ion Ratio Lower Upper

105 100

120 49.1 21.2 63.6

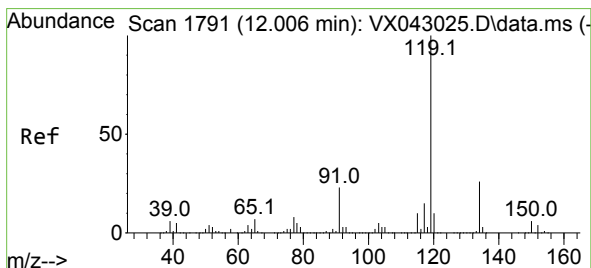
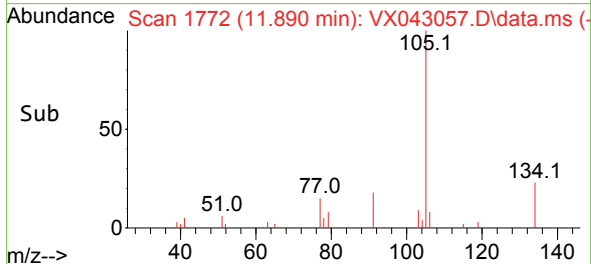
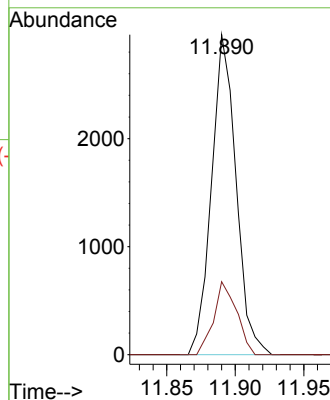
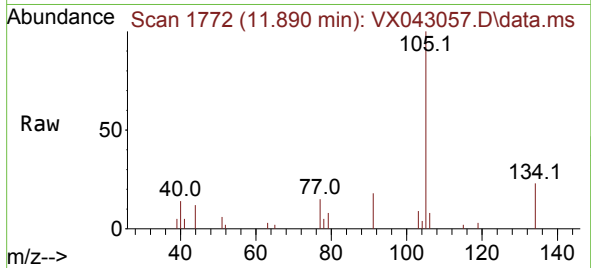




#85
 sec-Butylbenzene
 Concen: 0.699 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

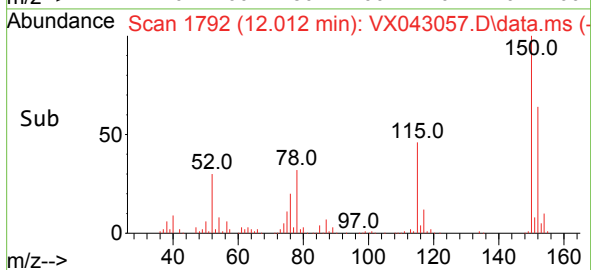
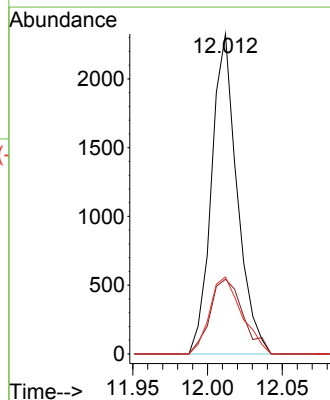
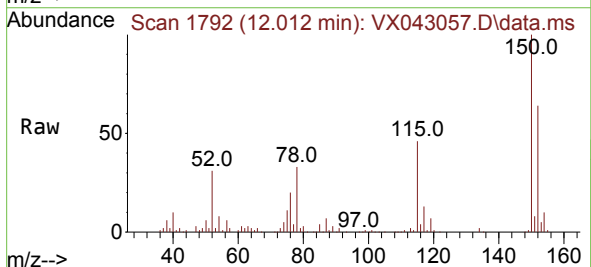
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

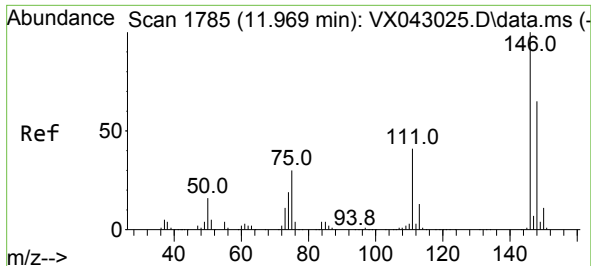
Tgt Ion:105 Resp: 3681
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.644 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043057.D
 Acq: 15 Aug 2024 16:57

Tgt Ion:119 Resp: 2771
 Ion Ratio Lower Upper
 119 100
 134 30.2 12.8 38.3
 91 30.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.766 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

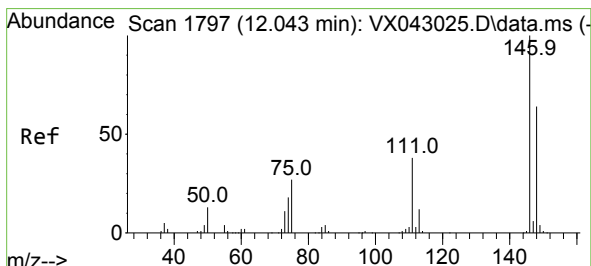
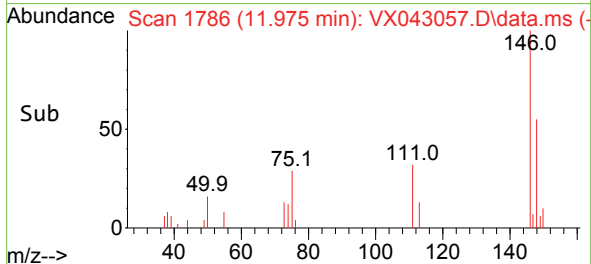
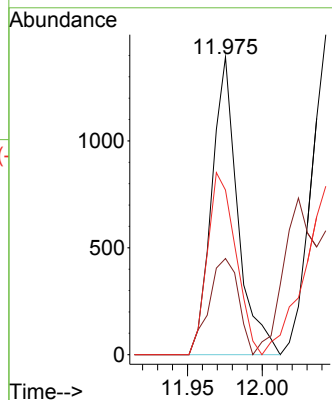
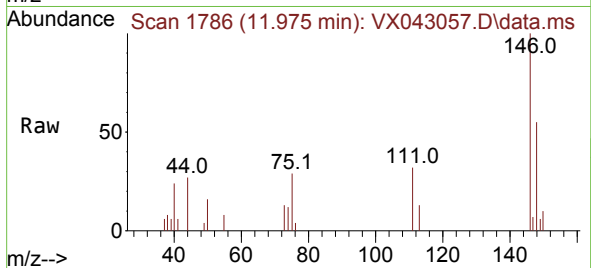
Tgt Ion:146 Resp: 1685

Ion Ratio Lower Upper

146 100

111 36.5 22.1 66.1

148 66.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.749 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

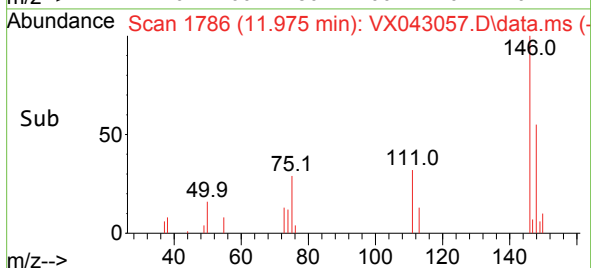
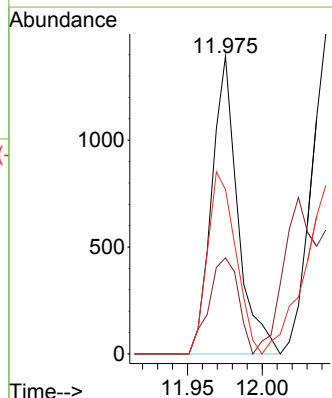
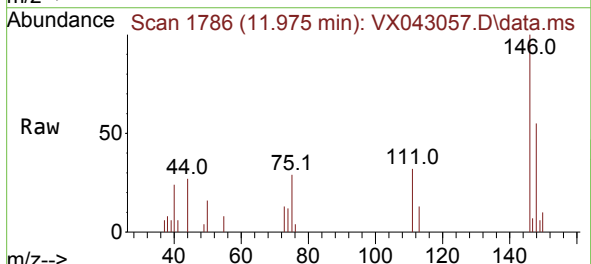
Tgt Ion:146 Resp: 1685

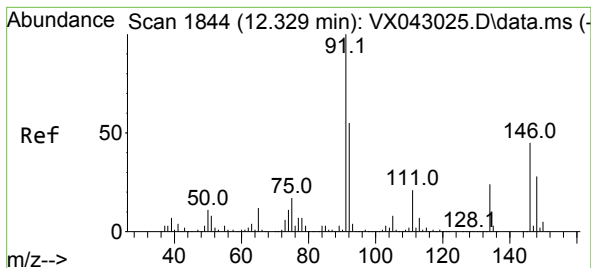
Ion Ratio Lower Upper

146 100

111 36.5 21.3 63.7

148 66.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.608 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

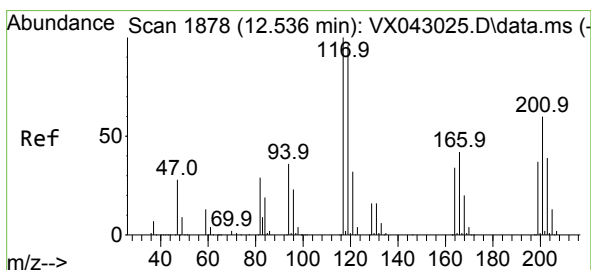
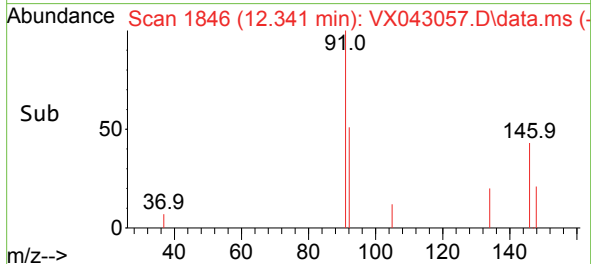
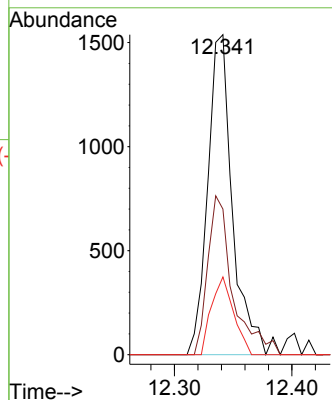
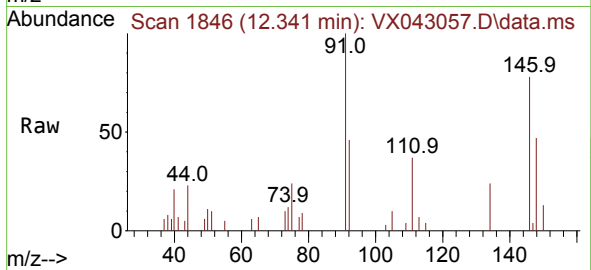
Tgt Ion: 91 Resp: 2264

Ion Ratio Lower Upper

91 100

92 49.9 27.4 82.0

134 21.7 12.6 37.8



#90

Hexachloroethane

Concen: 0.658 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX043057.D

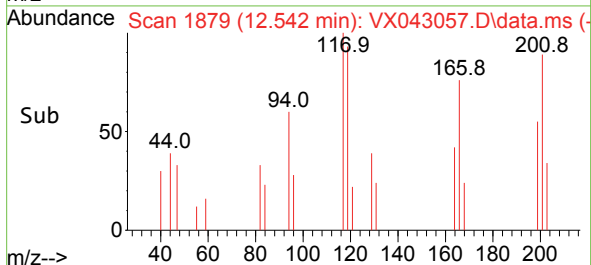
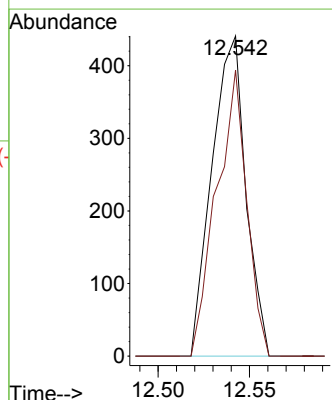
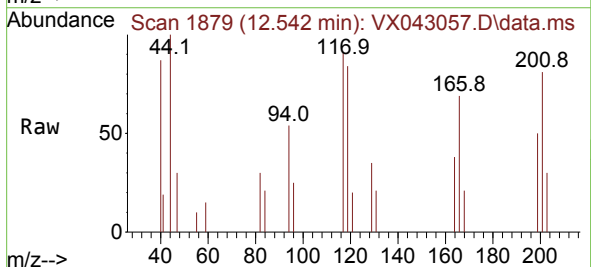
Acq: 15 Aug 2024 16:57

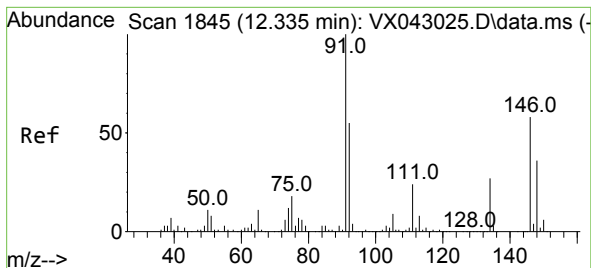
Tgt Ion: 117 Resp: 569

Ion Ratio Lower Upper

117 100

201 79.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.757 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

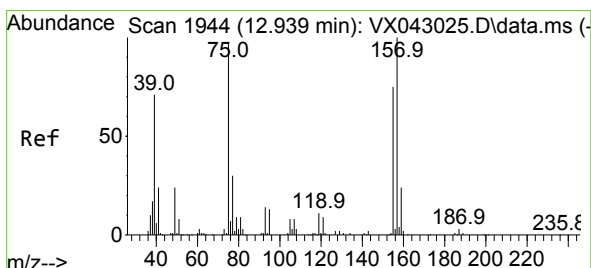
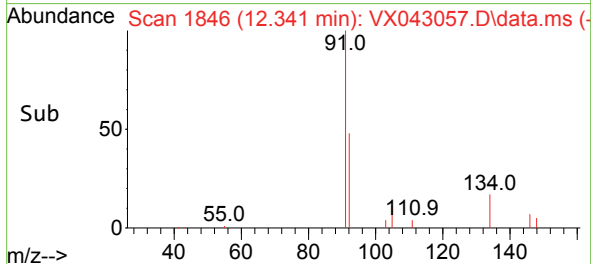
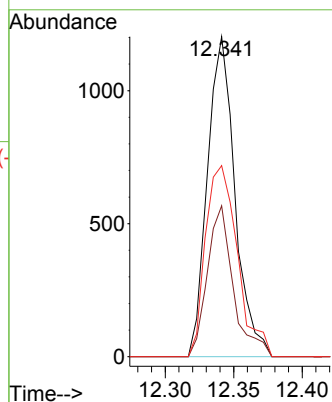
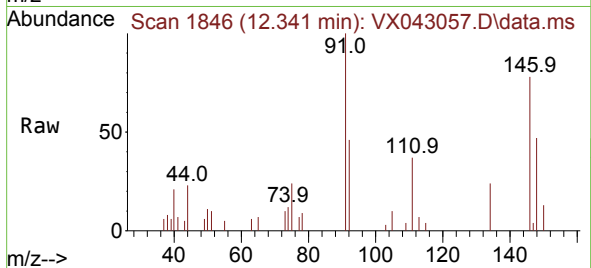
Tgt Ion:146 Resp: 1679

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

148 69.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.657 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

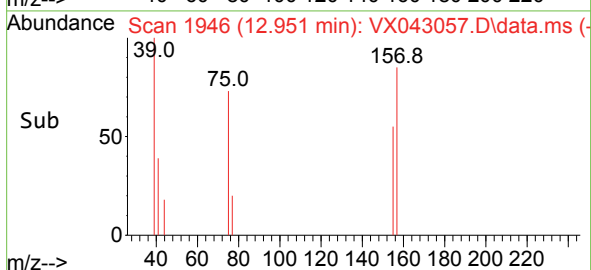
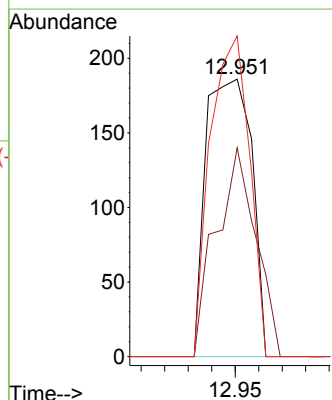
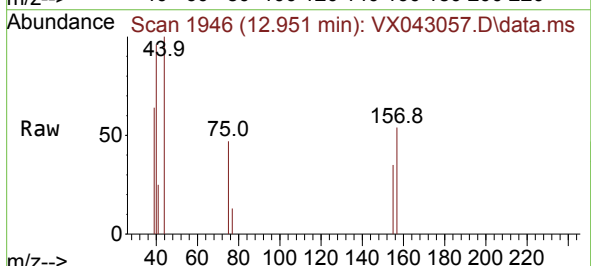
Tgt Ion: 75 Resp: 252

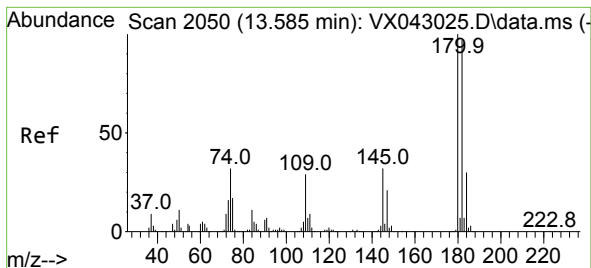
Ion Ratio Lower Upper

75 100

155 65.9 36.1 108.5

157 98.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.717 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

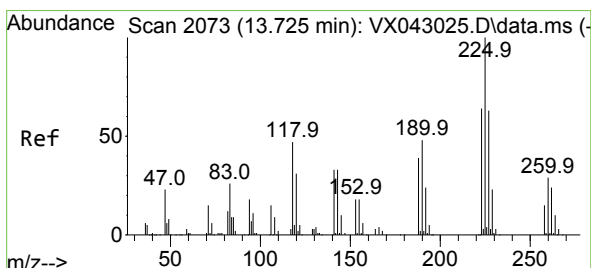
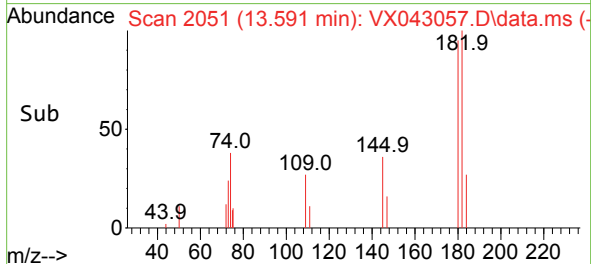
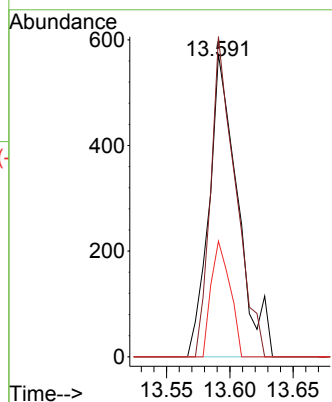
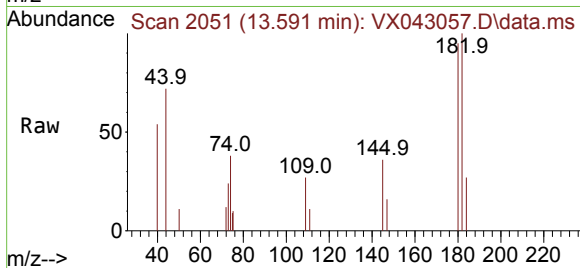
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:180	Resp:	895
Ion Ratio	Lower	Upper
180	100	
182	92.3	48.3 144.8
145	25.4	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.711 ug/l

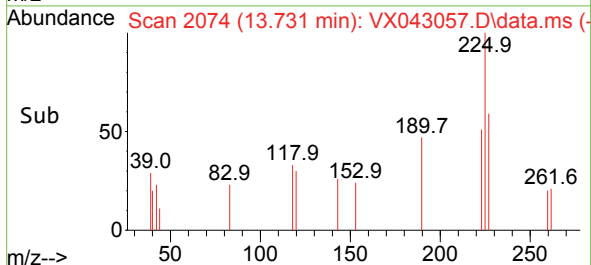
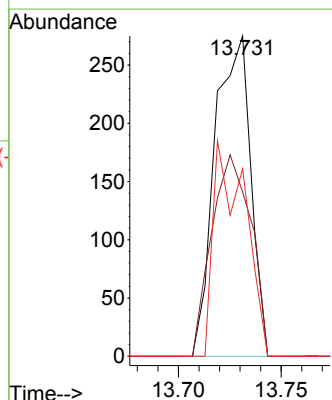
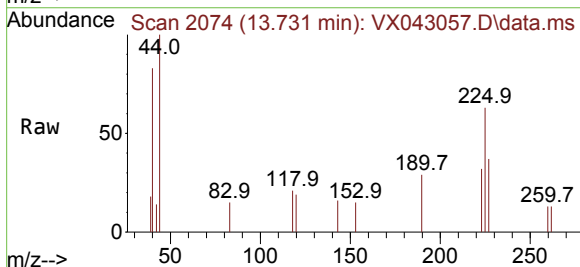
RT: 13.731 min Scan# 2074

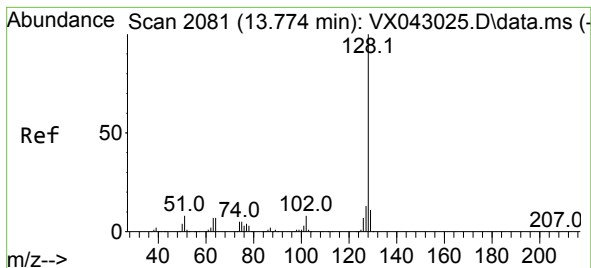
Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Tgt Ion:225	Resp:	331
Ion Ratio	Lower	Upper
225	100	
223	69.5	31.1 93.2
227	59.5	32.5 97.5





#95

Naphthalene

Concen: 0.776 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

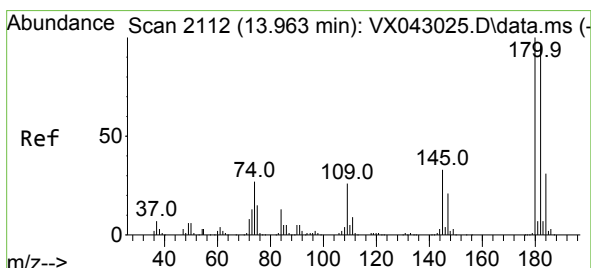
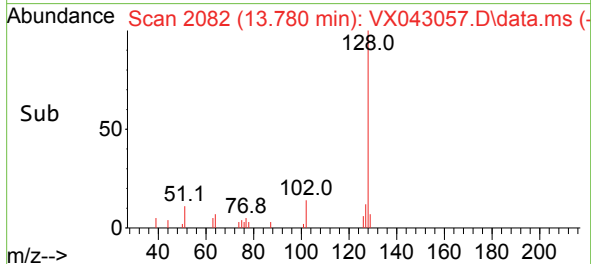
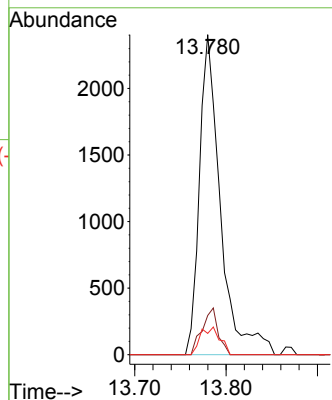
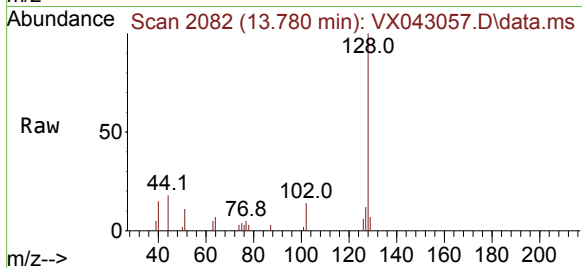
Tgt Ion:128 Resp: 3827

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 8.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.643 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX043057.D

Acq: 15 Aug 2024 16:57

Tgt Ion:180 Resp: 821

Ion Ratio Lower Upper

180 100

182 107.6 46.9 140.6

145 33.9 17.8 53.5

