

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043058.D
 Acq On : 15 Aug 2024 17:21
 Operator : JC/MD
 Sample : P3390-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 16 02:15:13 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	105920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72251	51.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	5.385	113	59200	50.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.300%	
50) Toluene-d8	8.647	98	222350	48.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	11.079	95	75299	45.573	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2517	2.350	ug/l	88
3) Chloromethane	1.301	50	4096	2.584	ug/l	96
4) Vinyl Chloride	1.374	62	4163	2.615	ug/l	99
5) Bromomethane	1.599	94	1637	3.393	ug/l	90
6) Chloroethane	1.666	64	1800	3.587	ug/l	89
7) Trichlorofluoromethane	1.874	101	5198	3.122	ug/l	99
8) Diethyl Ether	2.136	74	2424	3.147	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	3095	2.600	ug/l	98
10) Methyl Iodide	2.441	142	3021	2.377	ug/l #	87
11) Tert butyl alcohol	2.995	59	4371	12.172	ug/l #	77
12) 1,1-Dichloroethene	2.306	96	3425	2.681	ug/l #	79
13) Acrolein	2.239	56	4617	12.718	ug/l	96
14) Allyl chloride	2.654	41	5639	2.355	ug/l	95
15) Acrylonitrile	3.075	53	11454	12.878	ug/l	96
16) Acetone	2.392	43	9038	13.093	ug/l #	82
17) Carbon Disulfide	2.502	76	8891	2.427	ug/l	98
18) Methyl Acetate	2.709	43	6624	2.904	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	11178	2.596	ug/l	93
20) Methylene Chloride	2.788	84	4369	2.737	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	3512	2.636	ug/l #	70
22) Diisopropyl ether	3.770	45	12438	2.544	ug/l #	82
23) Vinyl Acetate	3.727	43	68215	11.967	ug/l	100
24) 1,1-Dichloroethane	3.605	63	6520	2.644	ug/l	98
25) 2-Butanone	4.580	43	15727	12.996	ug/l	96
26) 2,2-Dichloropropane	4.465	77	3702	1.884	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	4104	2.552	ug/l	87
28) Bromochloromethane	4.904	49	2919	2.616	ug/l #	100
29) Tetrahydrofuran	5.026	42	10678	12.731	ug/l	98
30) Chloroform	5.099	83	6346	2.679	ug/l	93
31) Cyclohexane	5.464	56	5741	2.475	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	5364	2.712	ug/l	100
36) 1,1-Dichloropropene	5.696	75	4368	2.664	ug/l	96
37) Ethyl Acetate	4.739	43	5367	2.323	ug/l #	82
38) Carbon Tetrachloride	5.678	117	4390	2.647	ug/l	98
39) Methylcyclohexane	7.379	83	5563	2.450	ug/l	94
40) Benzene	6.037	78	13861	2.481	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	3146	2.584	ug/l	97
42) 1,2-Dichloroethane	6.092	62	4605	2.834	ug/l	100
43) Isopropyl Acetate	6.348	43	8492	2.278	ug/l	97
44) Trichloroethene	7.129	130	3263	2.579	ug/l	88
45) 1,2-Dichloropropane	7.434	63	3550	2.582	ug/l	98
46) Dibromomethane	7.592	93	2409	2.563	ug/l	95
47) Bromodichloromethane	7.824	83	4862	2.664	ug/l #	92
48) Methyl methacrylate	7.702	41	4042	2.432	ug/l	89
49) 1,4-Dioxane	7.677	88	1628	44.731	ug/l #	69
51) 4-Methyl-2-Pentanone	8.580	43	29687	12.533	ug/l	97
52) Toluene	8.720	92	8702	2.578	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	4208	2.111	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	5095	2.324	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	3532	2.664	ug/l	93
56) Ethyl methacrylate	9.122	69	5704	2.376	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5576	2.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	12661	11.240	ug/l	100
59) 2-Hexanone	9.433	43	22487	12.353	ug/l	97
60) Dibromochloromethane	9.519	129	3507	2.509	ug/l	100
61) 1,2-Dibromoethane	9.610	107	3435	2.570	ug/l	96
64) Tetrachloroethene	9.275	164	3157	3.063	ug/l	95
65) Chlorobenzene	10.079	112	9193	2.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3133	2.698	ug/l	94
67) Ethyl Benzene	10.195	91	15387	2.570	ug/l	96
68) m/p-Xylenes	10.305	106	12066	5.240	ug/l	93
69) o-Xylene	10.640	106	6204	2.682	ug/l	92
70) Styrene	10.659	104	9742	2.512	ug/l	96
71) Bromoform	10.799	173	2448	2.539	ug/l #	100
73) Isopropylbenzene	10.963	105	14338	2.719	ug/l	98
74) N-amyl acetate	10.848	43	7908	2.633	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5390	2.655	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	5382	3.397	ug/l	98
77) Bromobenzene	11.201	156	3597	2.839	ug/l	92
78) n-propylbenzene	11.305	91	15734	2.618	ug/l	99
79) 2-Chlorotoluene	11.366	91	9883	2.642	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	11928	2.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1462	2.013	ug/l #	83
82) 4-Chlorotoluene	11.457	91	10391	2.493	ug/l	94
83) tert-Butylbenzene	11.713	119	12050	2.680	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11574	2.641	ug/l	95
85) sec-Butylbenzene	11.890	105	13894	2.546	ug/l	100
86) p-Isopropyltoluene	12.012	119	11417	2.560	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	6158	2.703	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	6622	2.841	ug/l	92
89) n-Butylbenzene	12.335	91	8438	2.186	ug/l	96
90) Hexachloroethane	12.536	117	2286	2.553	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	6085	2.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1032	2.599	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	2980	2.305	ug/l	95
94) Hexachlorobutadiene	13.725	225	1319	2.734	ug/l	96
95) Naphthalene	13.780	128	12635	2.475	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3279	2.480	ug/l	97

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ALS Vial : 13 Sample Multiplier: 1

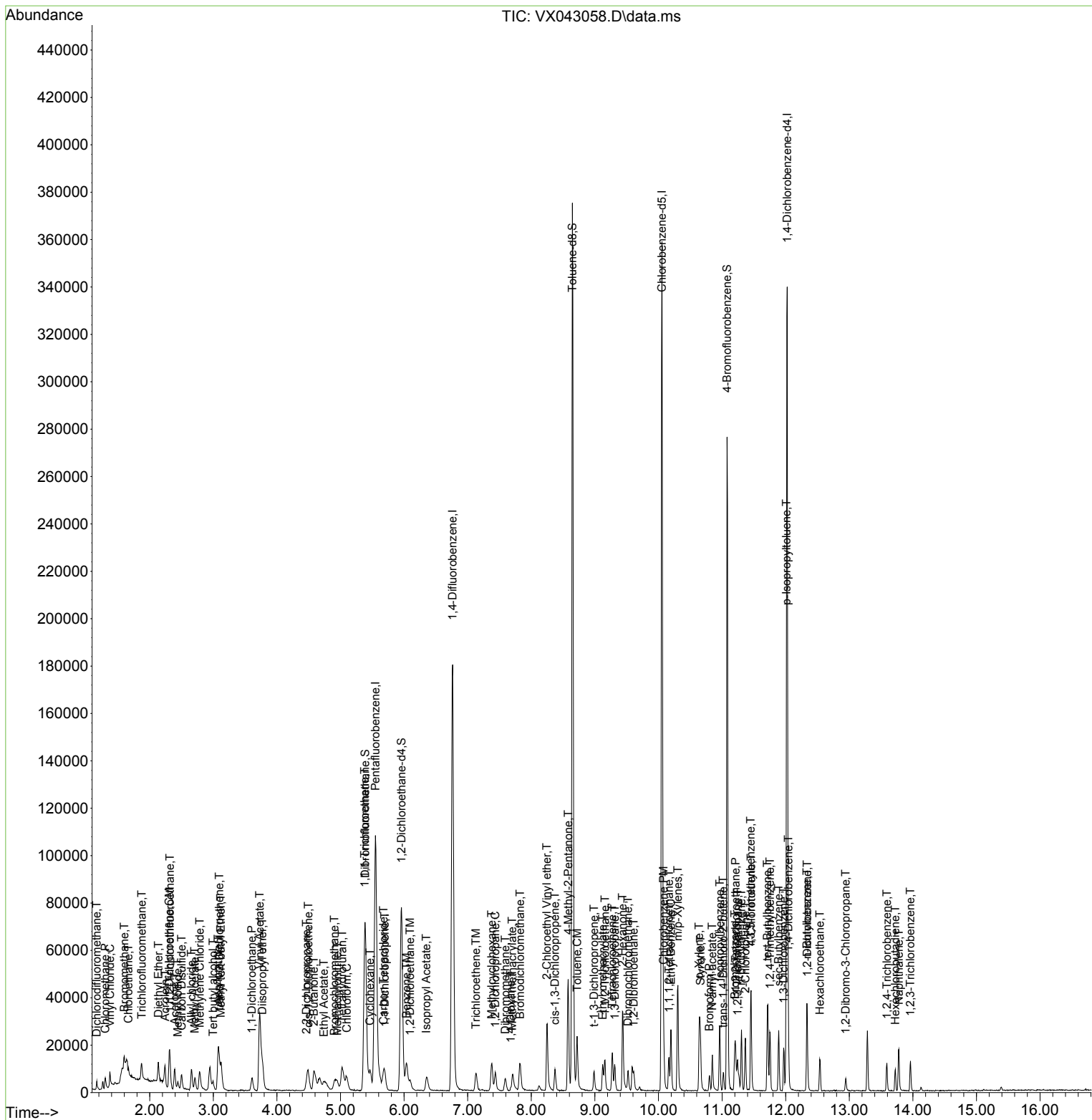
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

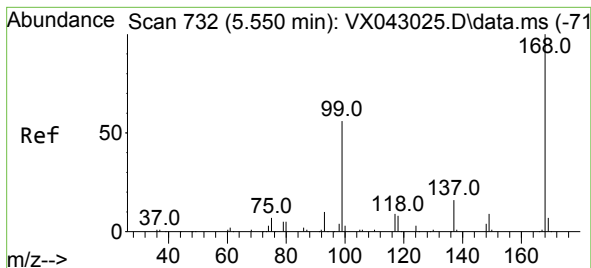
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Response via : Initial Calibration

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

Quant Time: Aug 16 02:15:13 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

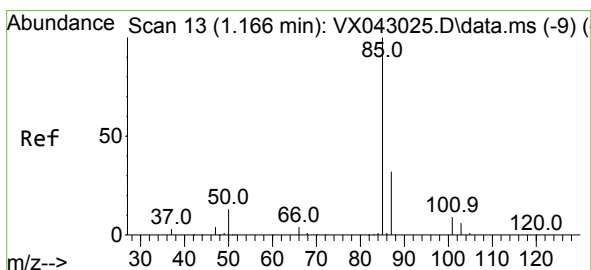
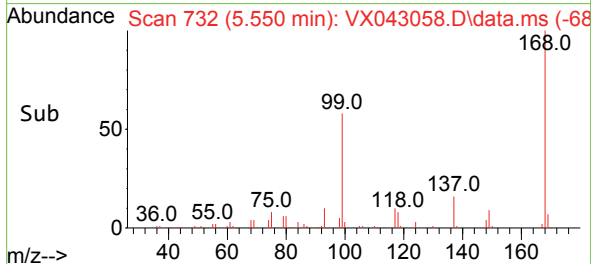
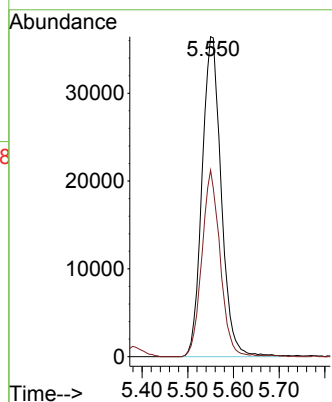
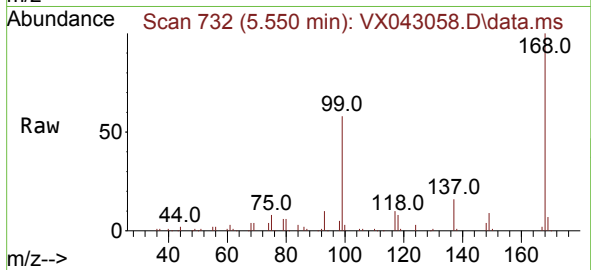
MDL-WATER-03-QT3-2024

Tgt Ion:168 Resp: 105920

Ion Ratio Lower Upper

168 100

99 58.3 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 2.350 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX043058.D

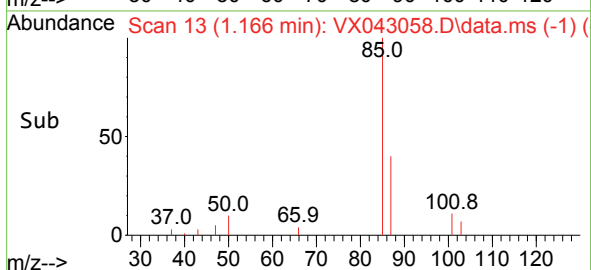
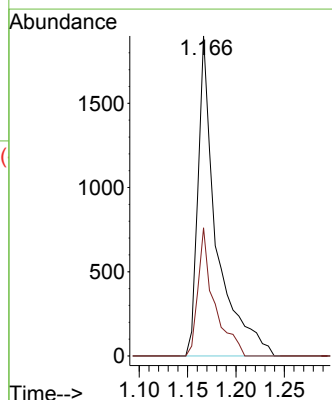
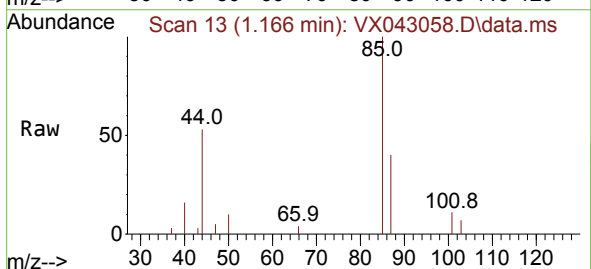
Acq: 15 Aug 2024 17:21

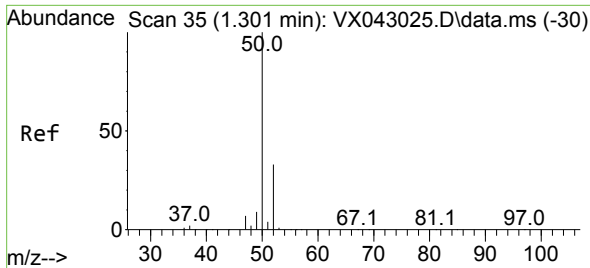
Tgt Ion: 85 Resp: 2517

Ion Ratio Lower Upper

85 100

87 40.1 16.7 50.1

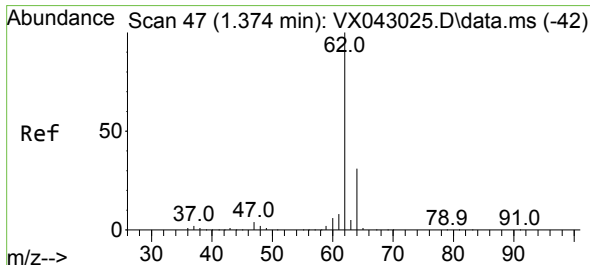
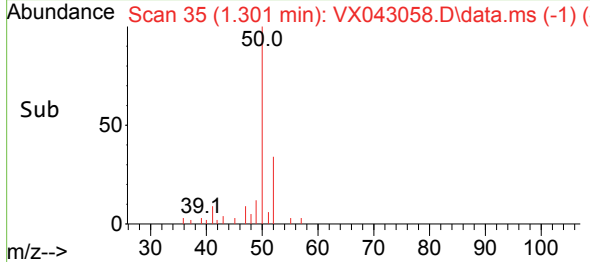
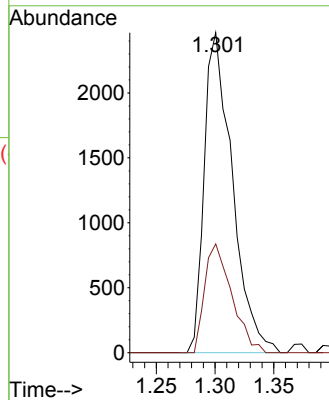
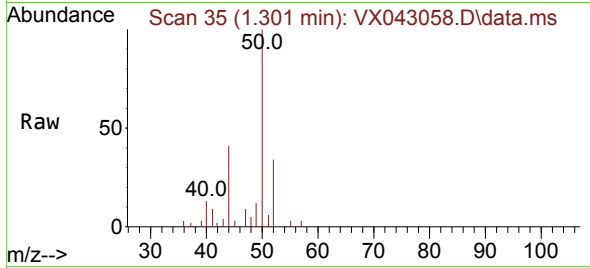




#3
Chloromethane
Concen: 2.584 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

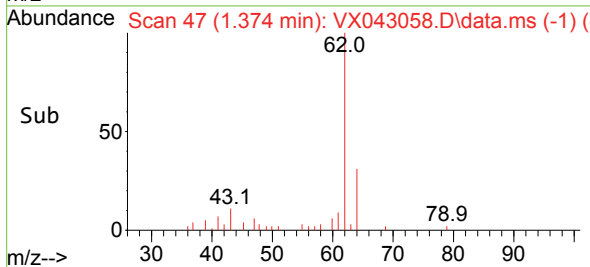
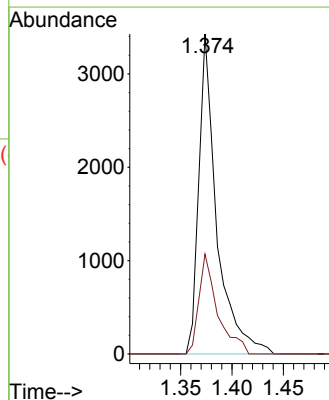
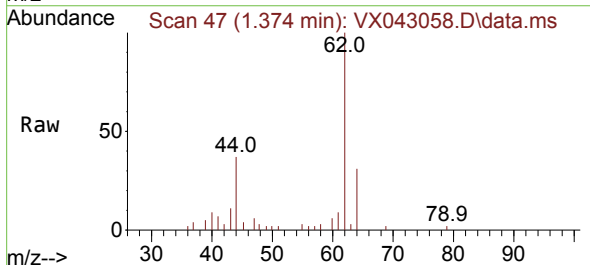
Instrument :
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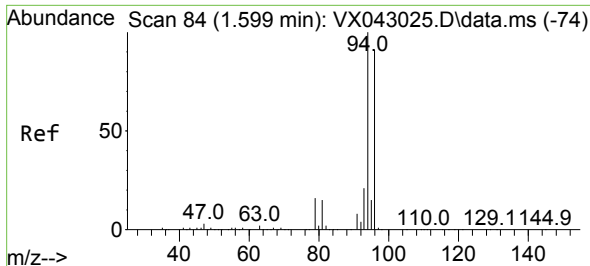
Tgt Ion: 50 Resp: 4096
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3



#4
Vinyl Chloride
Concen: 2.615 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 62 Resp: 4163
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

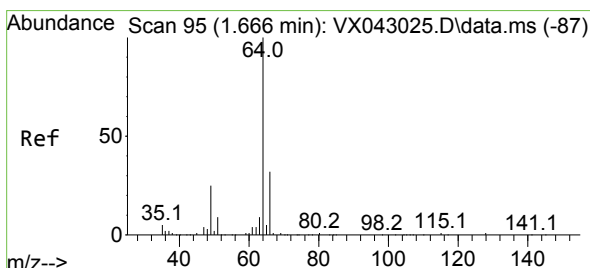
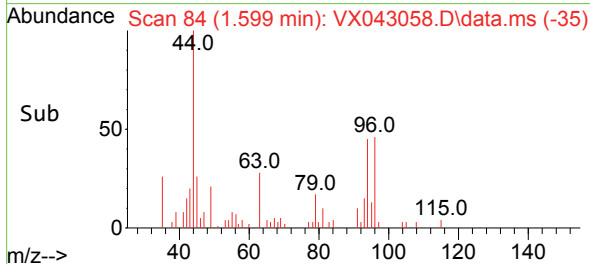
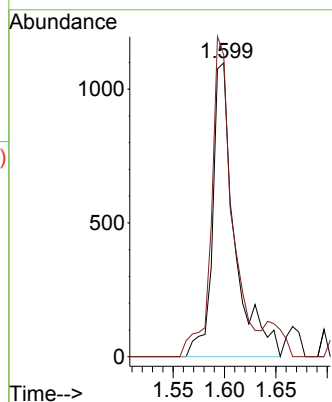
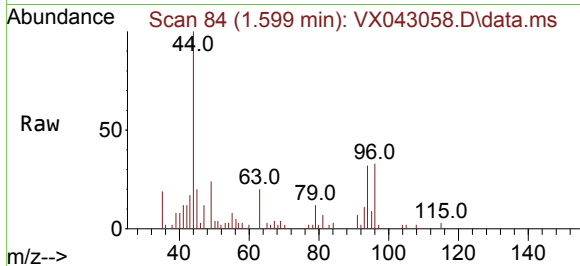




#5
Bromomethane
Concen: 3.393 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

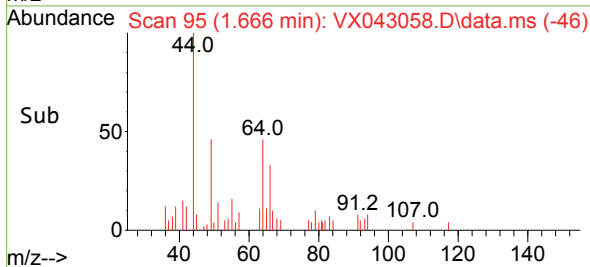
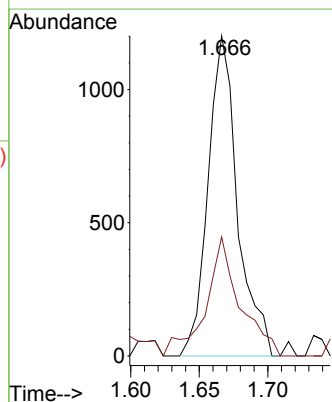
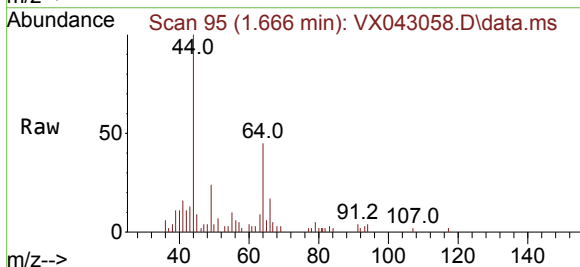
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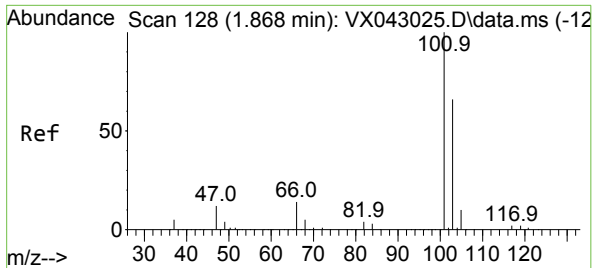
Tgt Ion: 94 Resp: 1637
Ion Ratio Lower Upper
94 100
96 102.7 74.6 111.8



#6
Chloroethane
Concen: 3.587 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 64 Resp: 1800
Ion Ratio Lower Upper
64 100
66 37.2 25.1 37.7

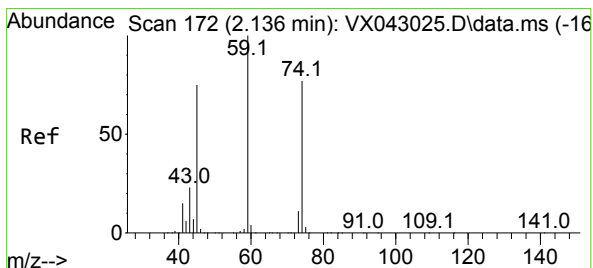
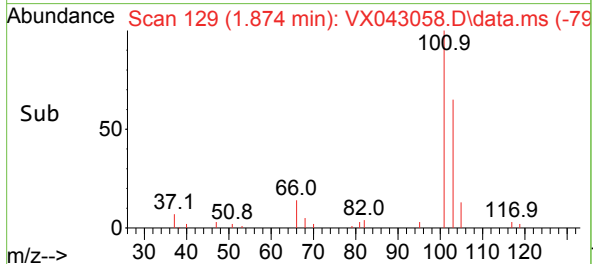
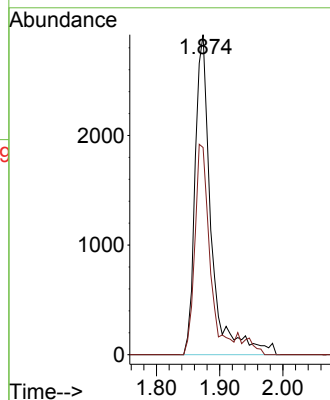
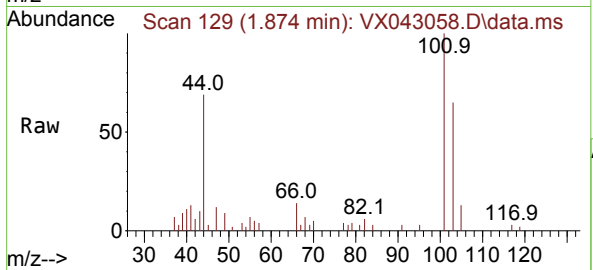




#7
Trichlorofluoromethane
Concen: 3.122 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

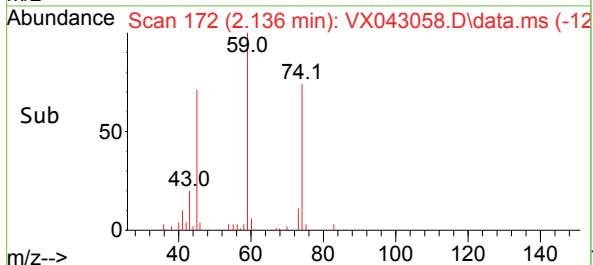
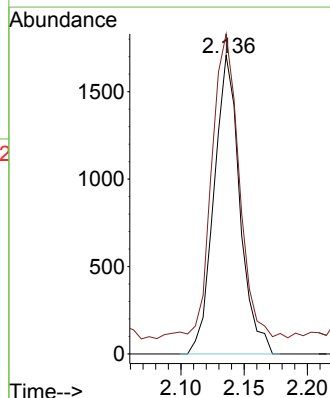
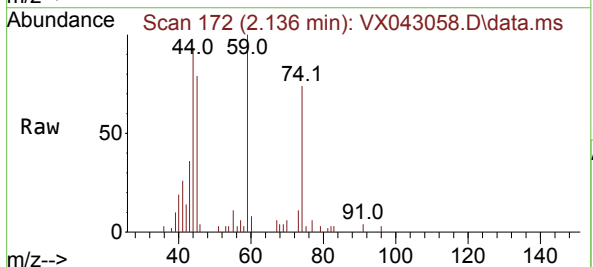
Instrument :
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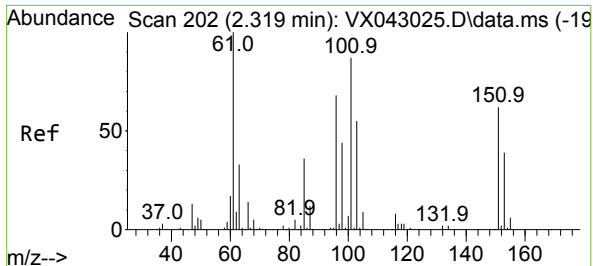
Tgt Ion:101 Resp: 5198
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2



#8
Diethyl Ether
Concen: 3.147 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043058.D
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Tgt Ion: 74 Resp: 2424
Ion Ratio Lower Upper
74 100
45 108.9 53.3 159.8

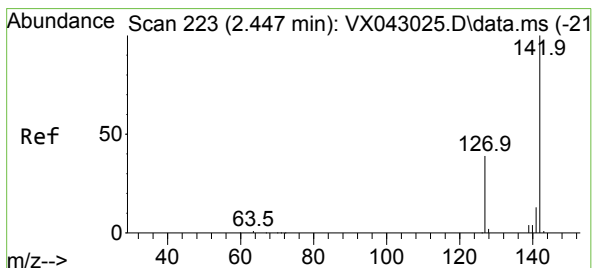
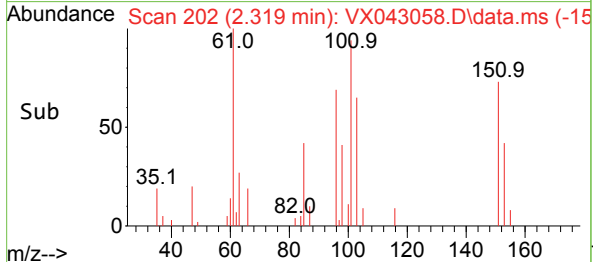
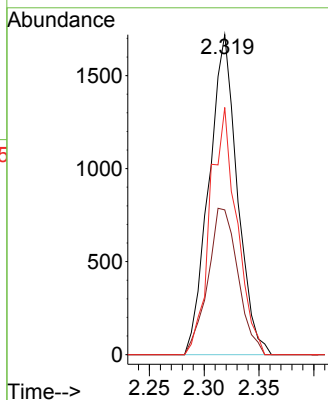
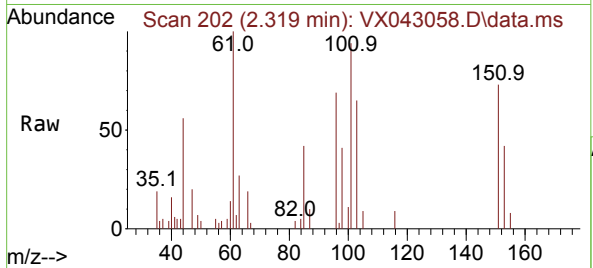




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.600 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

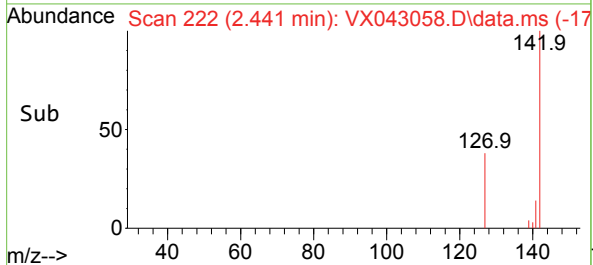
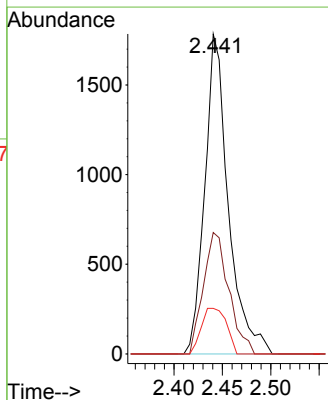
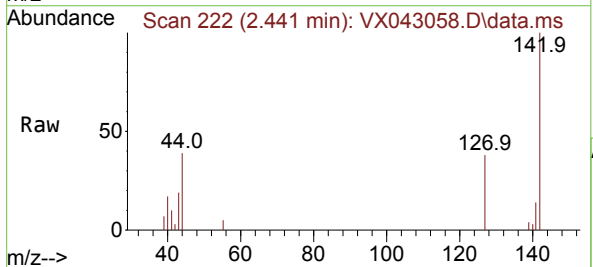
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

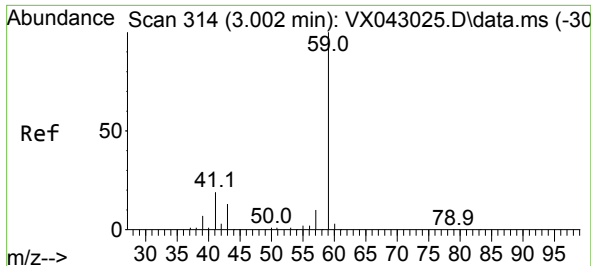
Tgt Ion:101	Resp:	3095
Ion	Ratio	Lower Upper
101	100	
85	48.5	37.0 55.6
151	72.9	58.6 87.8



#10
Methyl Iodide
Concen: 2.377 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:142	Resp:	3021
Ion	Ratio	Lower Upper
142	100	
127	40.9	41.6 62.4#
141	15.2	11.6 17.4

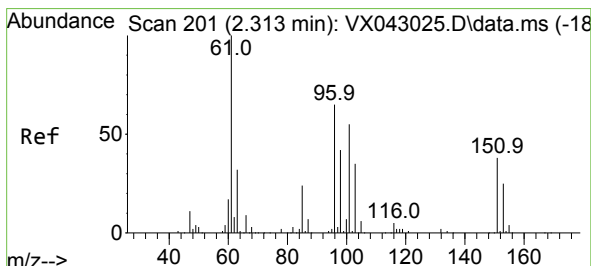
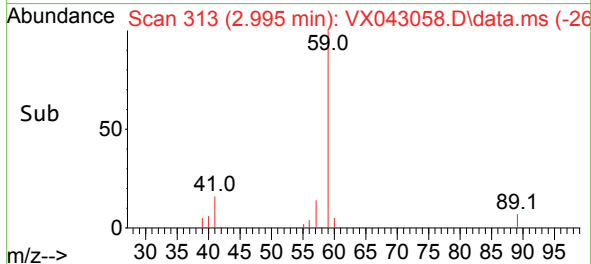
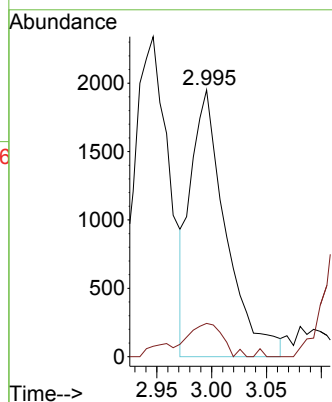
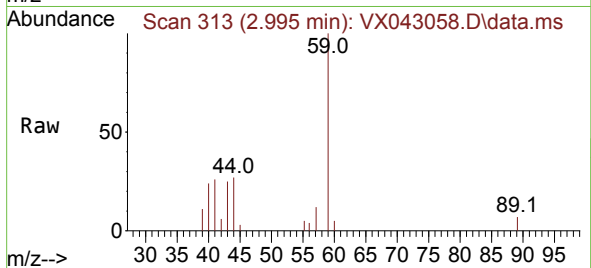




#11
Tert butyl alcohol
Concen: 12.172 ug/l
RT: 2.995 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

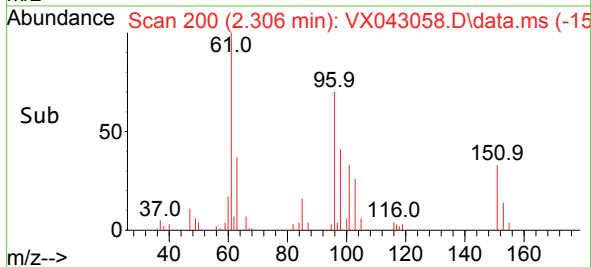
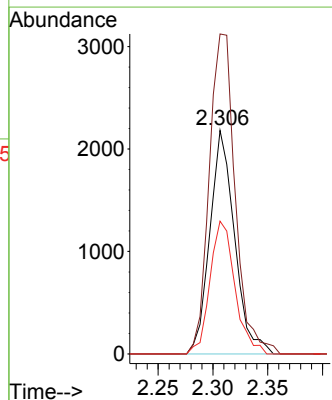
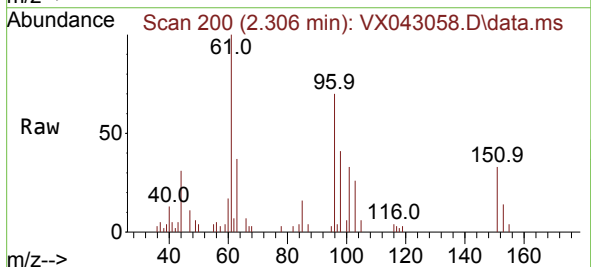
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

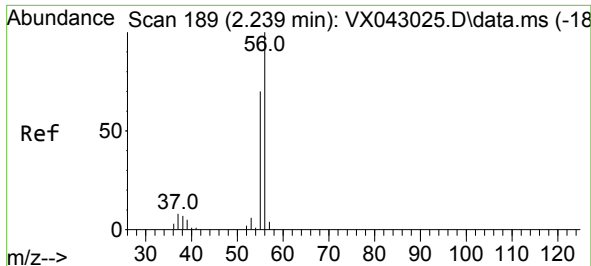
Tgt Ion: 59 Resp: 4371
Ion Ratio Lower Upper
59 100
57 15.4 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 2.681 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 96 Resp: 3425
Ion Ratio Lower Upper
96 100
61 143.1 144.6 216.8#
98 59.4 50.4 75.6





#13

Acrolein

Concen: 12.718 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

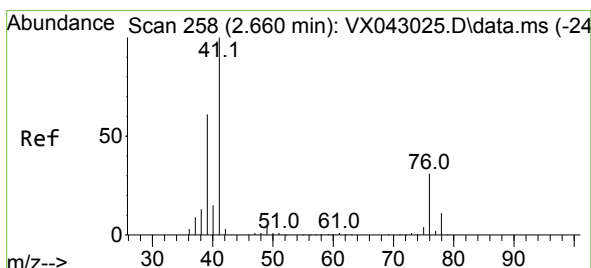
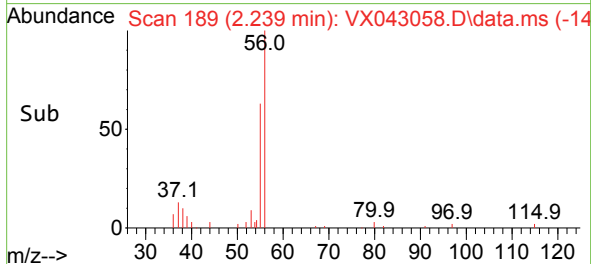
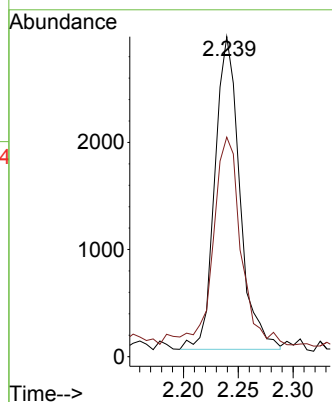
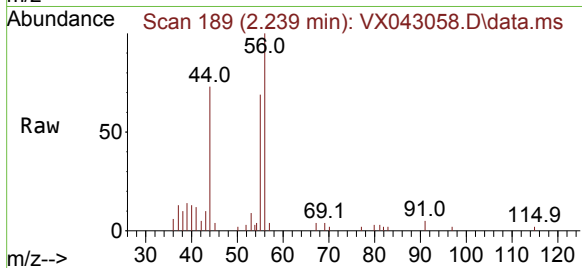
MDL-WATER-03-QT3-2024

Tgt Ion: 56 Resp: 4617

Ion Ratio Lower Upper

56 100

55 74.5 57.1 85.7



#14

Allyl chloride

Concen: 2.355 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

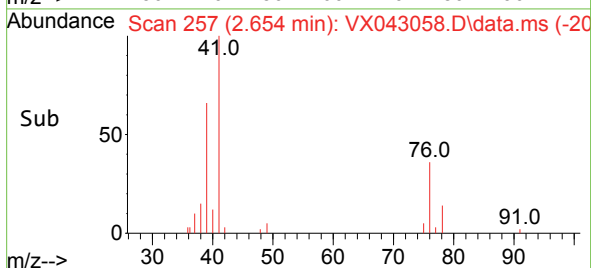
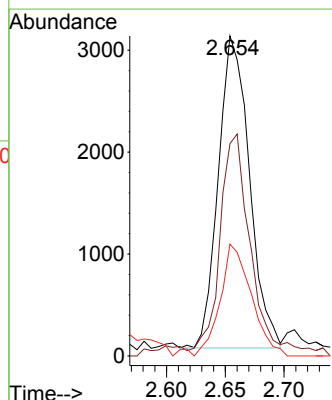
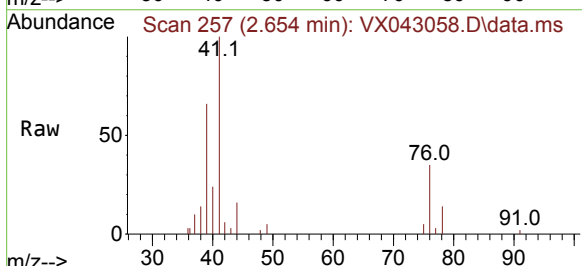
Tgt Ion: 41 Resp: 5639

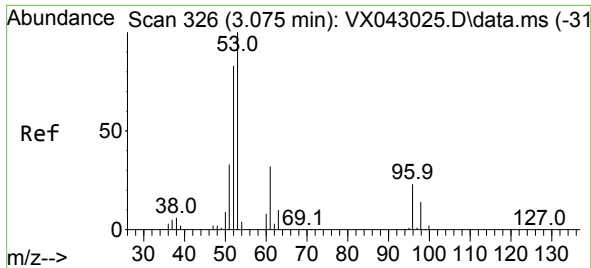
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 35.8 24.3 36.5

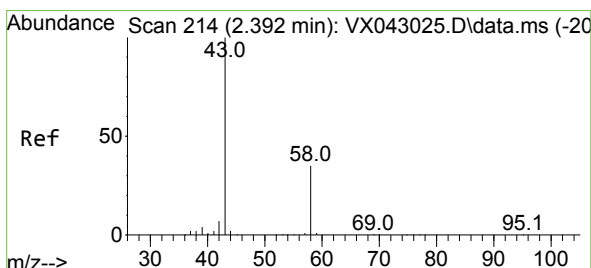
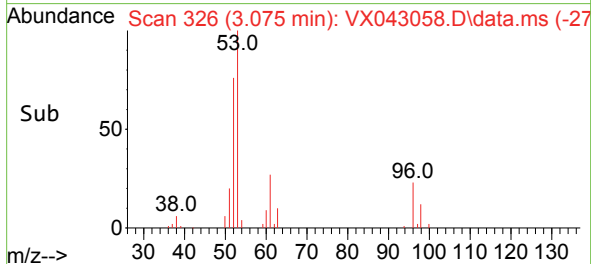
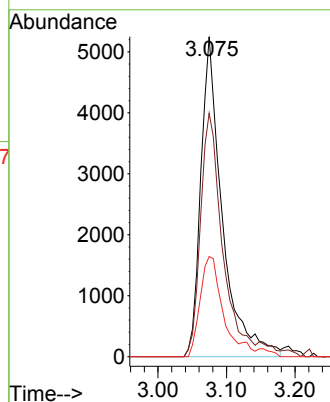
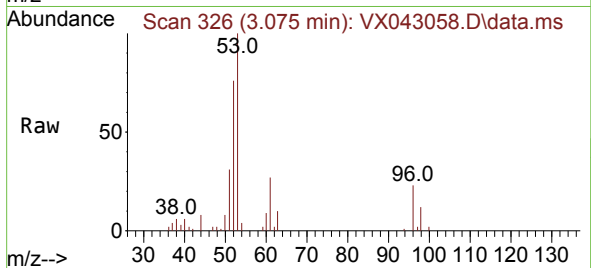




#15
Acrylonitrile
Concen: 12.878 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

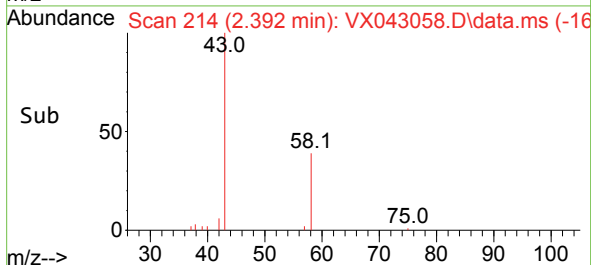
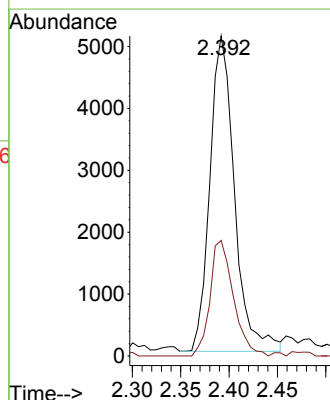
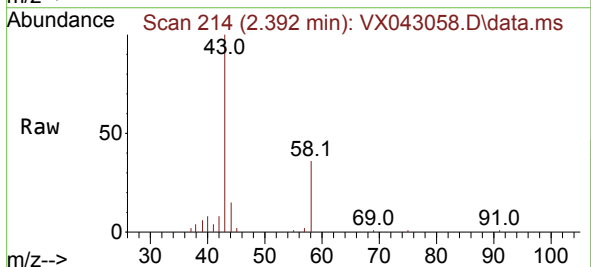
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

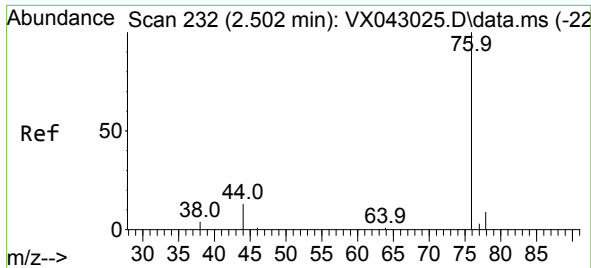
Tgt Ion:	53	Resp:	11454
Ion	Ratio	Lower	Upper
53	100		
52	80.2	66.0	99.0
51	33.7	29.8	44.6



#16
Acetone
Concen: 13.093 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	43	Resp:	9038
Ion	Ratio	Lower	Upper
43	100		
58	36.6	21.9	32.9

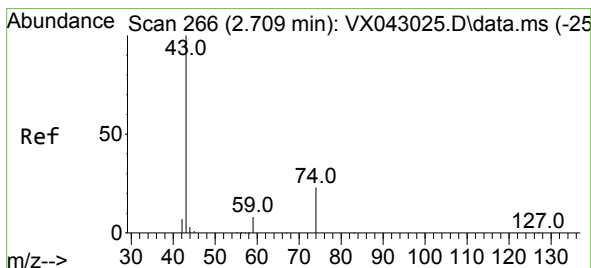
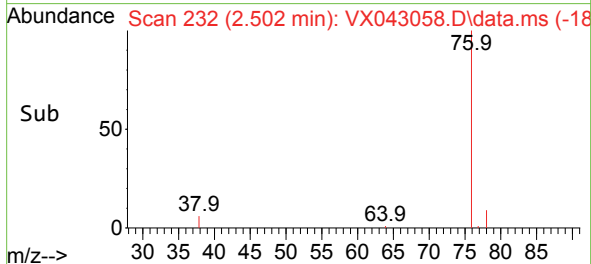
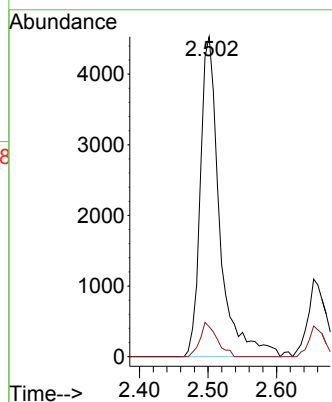
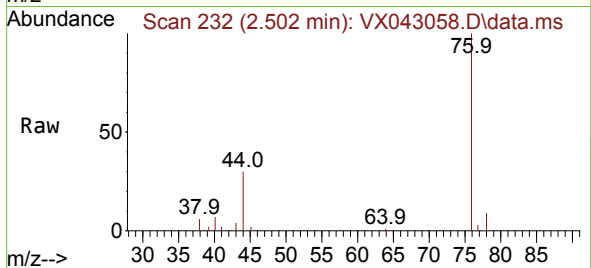




#17
Carbon Disulfide
Concen: 2.427 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

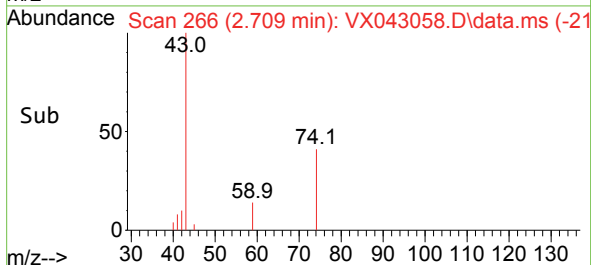
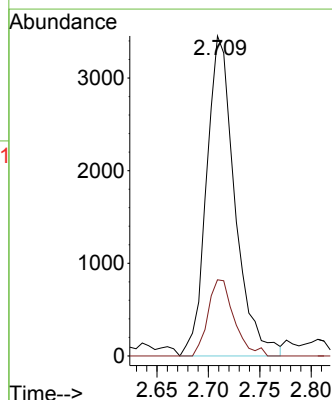
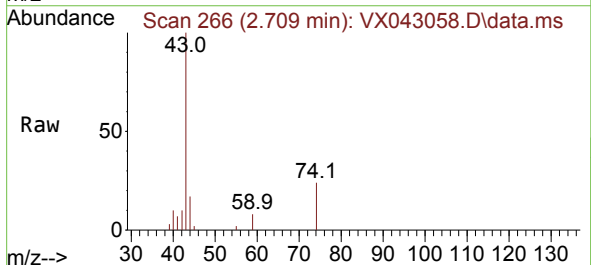
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

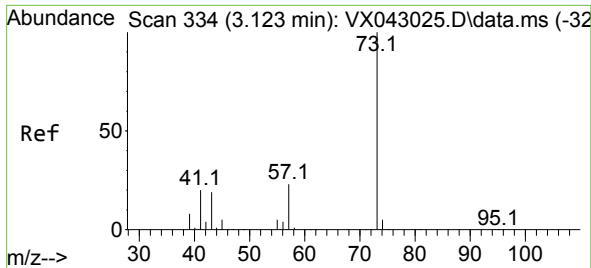
Tgt Ion: 76 Resp: 8891
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 2.904 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8

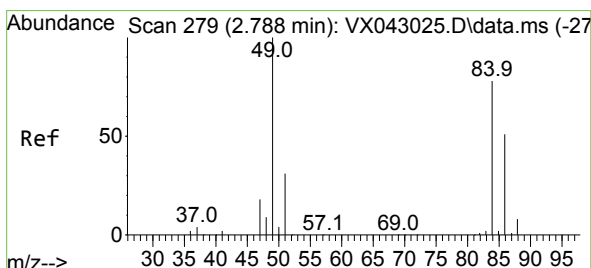
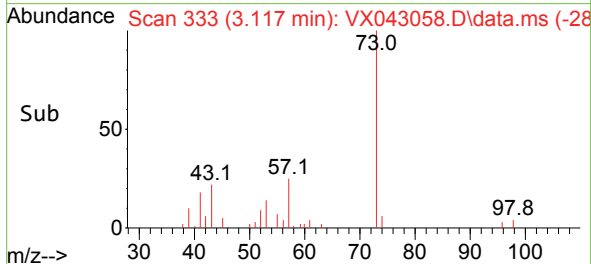
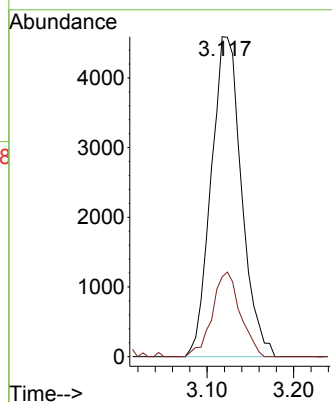
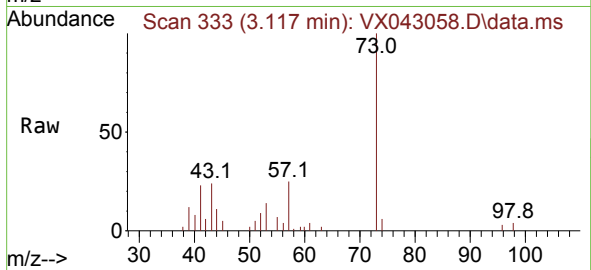




#19
Methyl tert-butyl Ether
Concen: 2.596 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

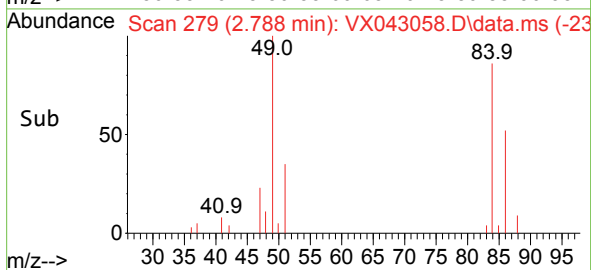
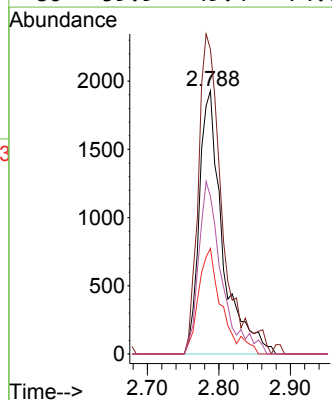
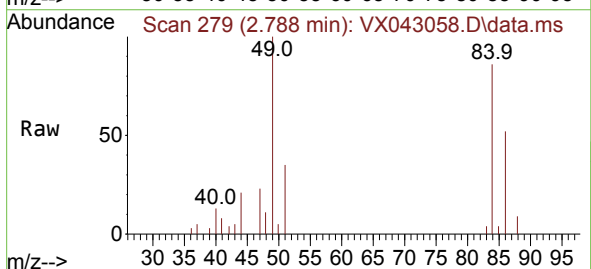
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

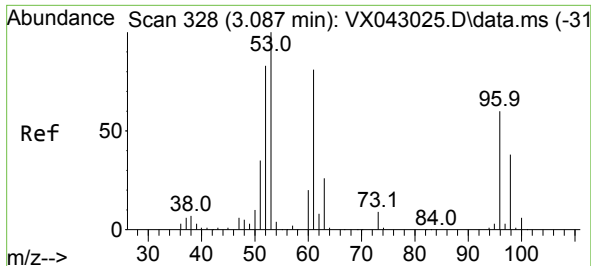
Tgt Ion: 73 Resp: 11178
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9



#20
Methylene Chloride
Concen: 2.737 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 84 Resp: 4369
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 40.2 33.8 50.6
86 59.9 49.4 74.0

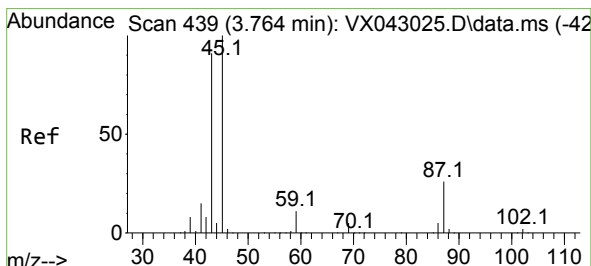
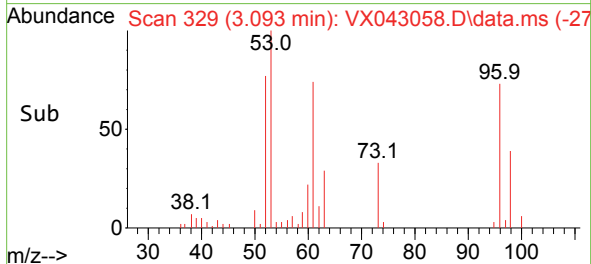
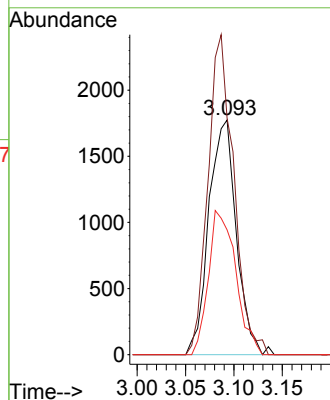
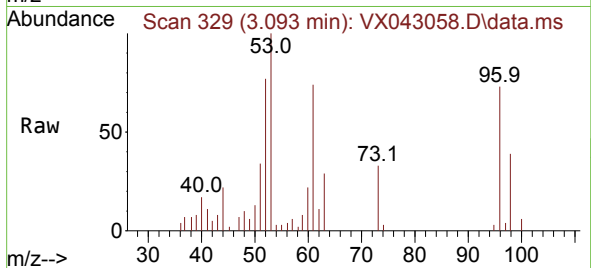




#21
trans-1,2-Dichloroethene
Concen: 2.636 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

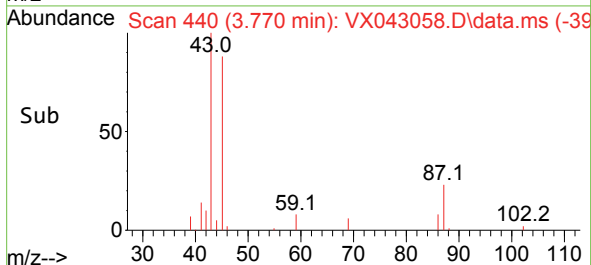
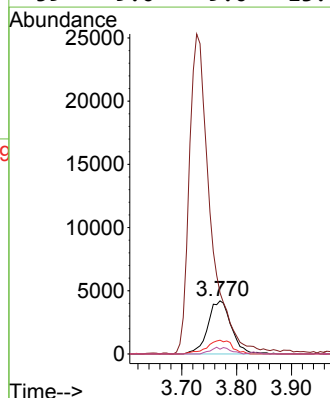
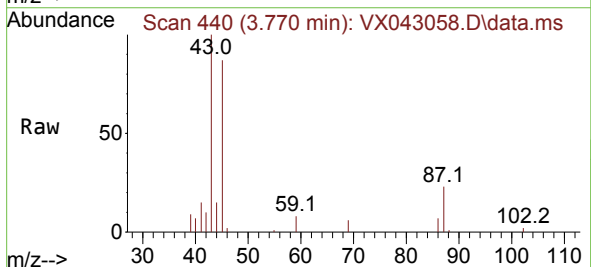
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

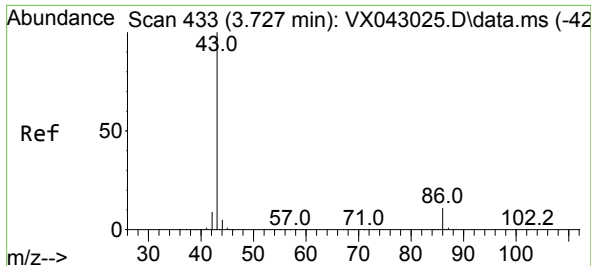
Tgt Ion: 96 Resp: 3512
Ion Ratio Lower Upper
96 100
61 100.7 119.2 178.8#
98 53.2 48.7 73.1



#22
Diisopropyl ether
Concen: 2.544 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 45 Resp: 12438
Ion Ratio Lower Upper
45 100
43 110.5 69.7 104.5#
87 25.9 20.8 31.2
59 9.0 9.0 13.4

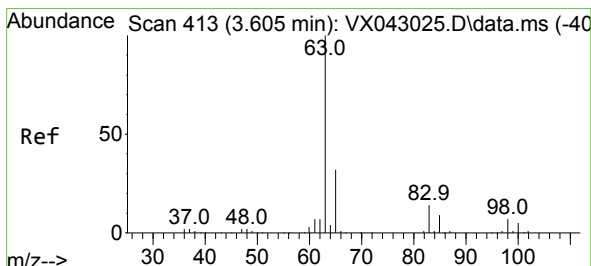
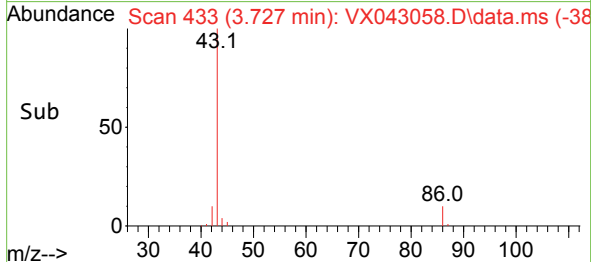
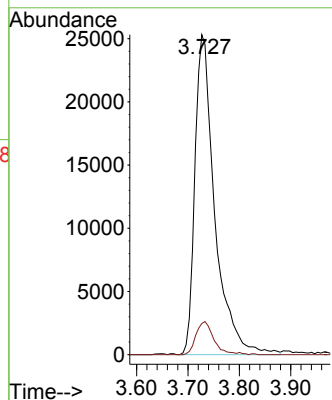
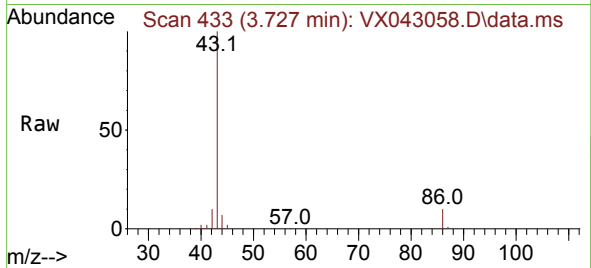




#23
 Vinyl Acetate
 Concen: 11.967 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

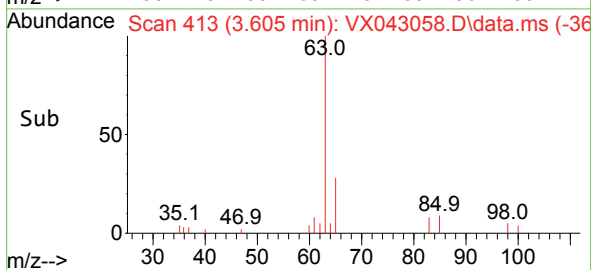
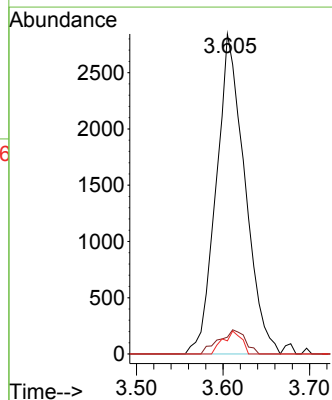
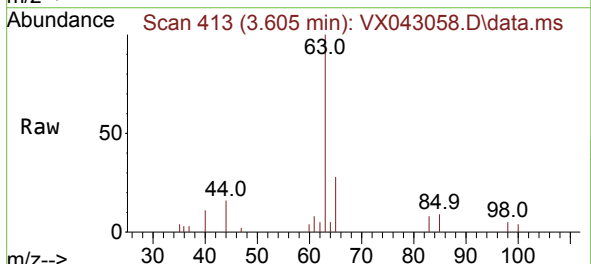
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

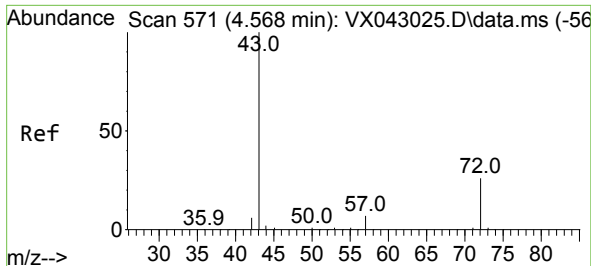
Tgt Ion: 43 Resp: 68215
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 2.644 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

Tgt Ion: 63 Resp: 6520
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.3 9.8
 100 4.1 2.1 6.5

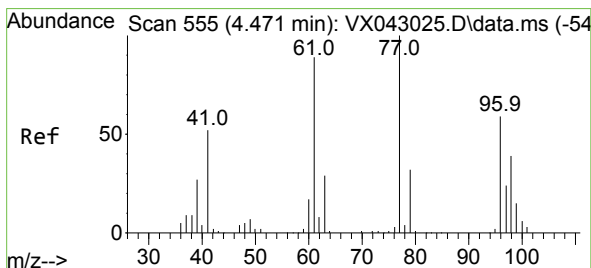
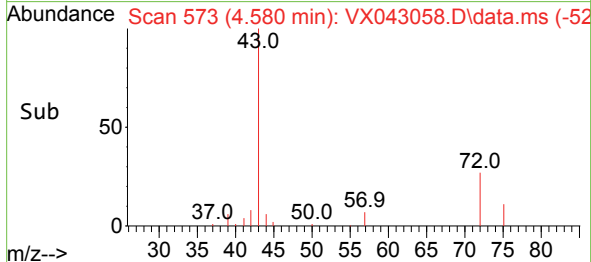
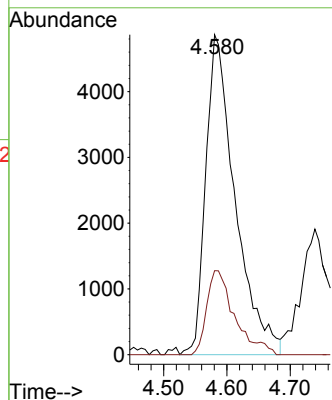
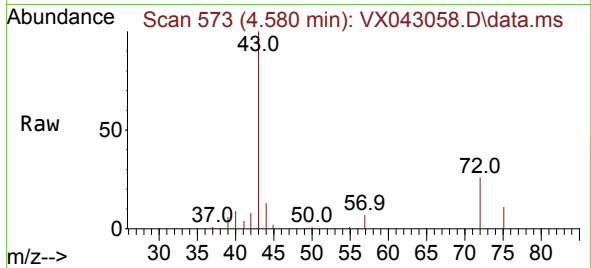




#25
2-Butanone
Concen: 12.996 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

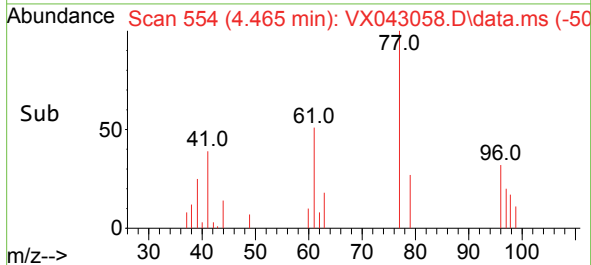
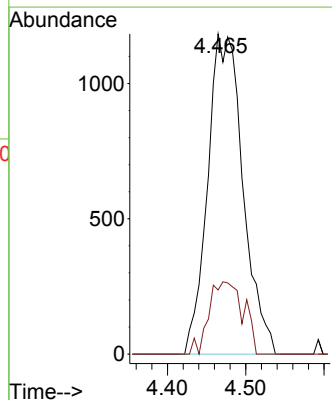
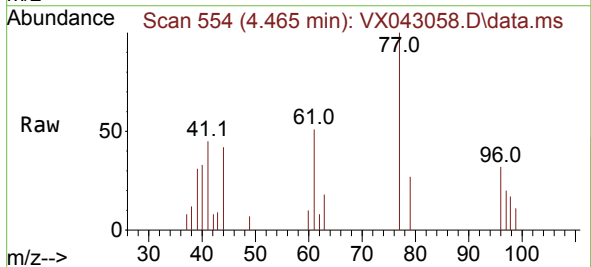
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

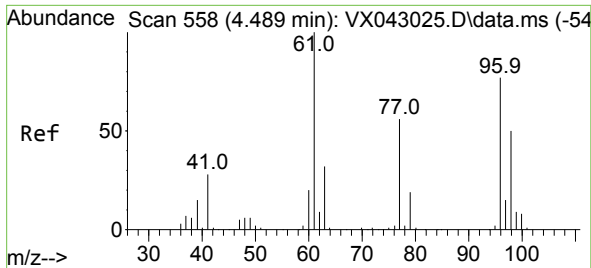
Tgt Ion: 43 Resp: 15727
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 1.884 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 77 Resp: 3702
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.552 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

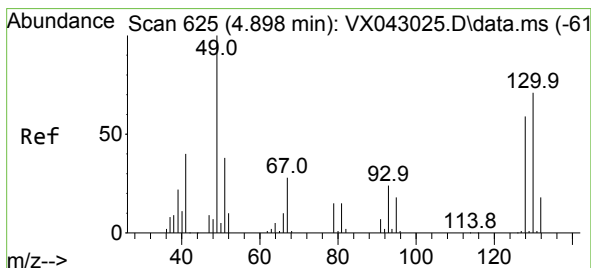
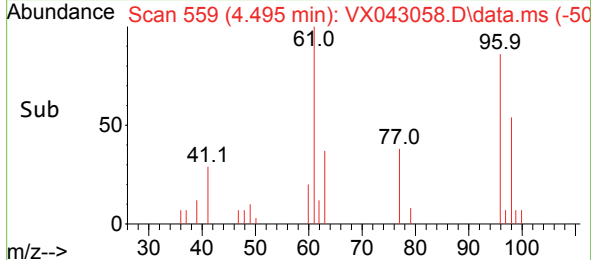
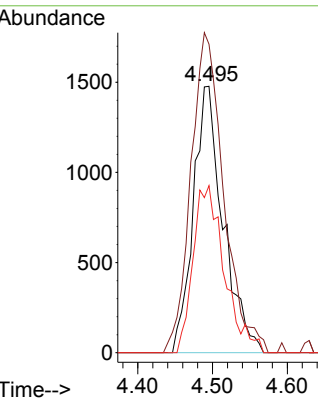
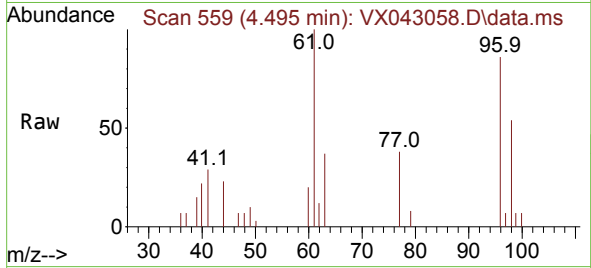
Tgt Ion: 96 Resp: 4104

Ion Ratio Lower Upper

96 100

61 132.2 0.0 312.2

98 65.4 0.0 129.0



#28

Bromochloromethane

Concen: 2.616 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

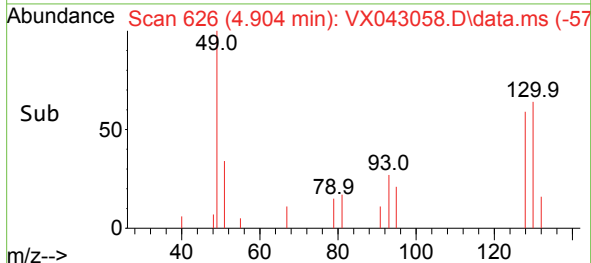
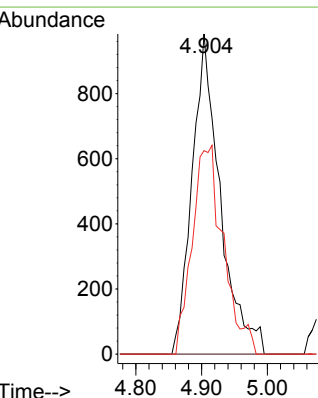
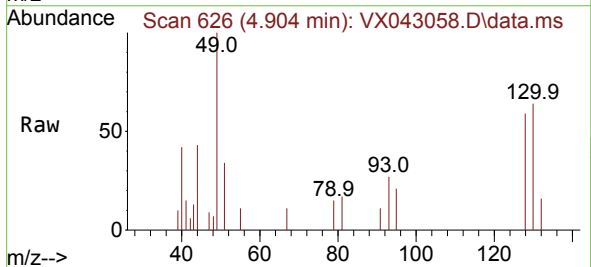
Tgt Ion: 49 Resp: 2919

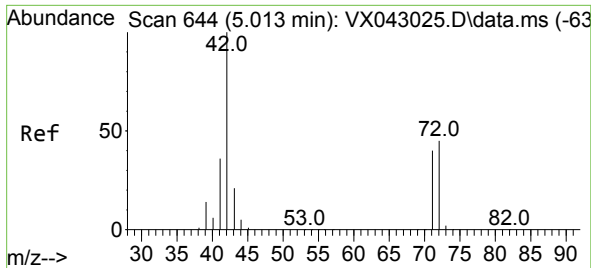
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 72.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 12.731 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

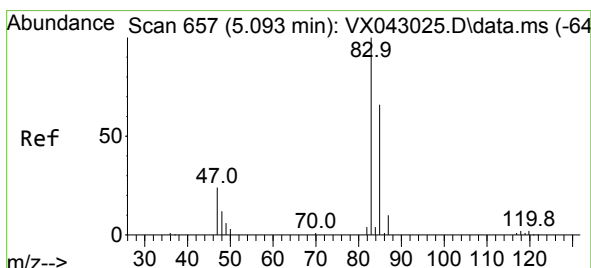
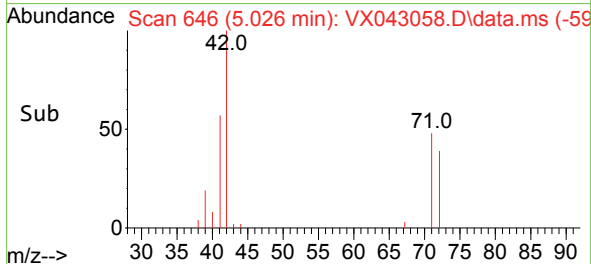
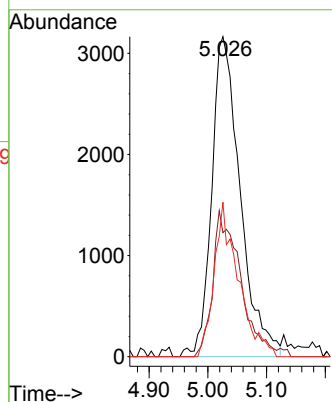
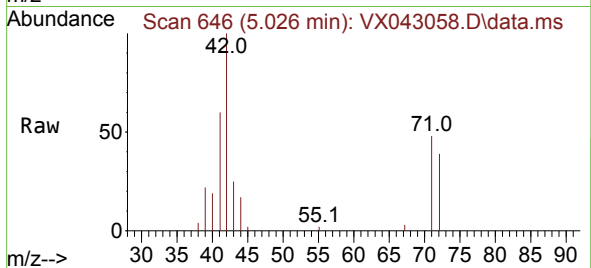
Tgt Ion: 42 Resp: 10678

Ion Ratio Lower Upper

42 100

72 44.0 34.2 51.4

71 41.1 32.2 48.2



#30

Chloroform

Concen: 2.679 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX043058.D

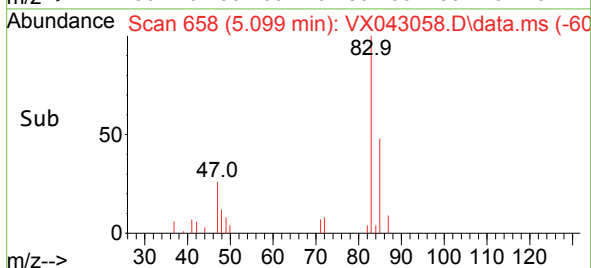
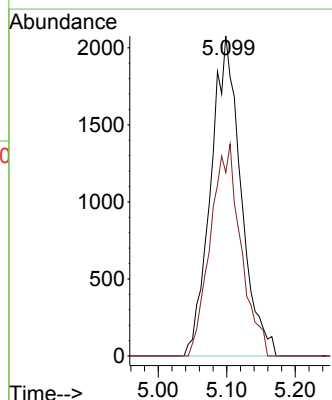
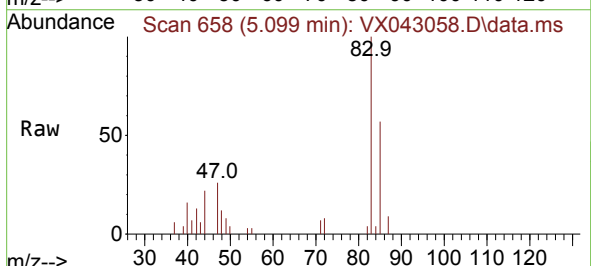
Acq: 15 Aug 2024 17:21

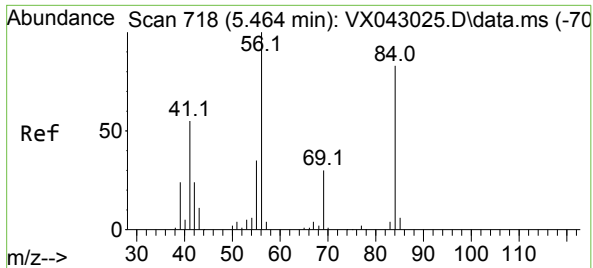
Tgt Ion: 83 Resp: 6346

Ion Ratio Lower Upper

83 100

85 57.3 50.3 75.5

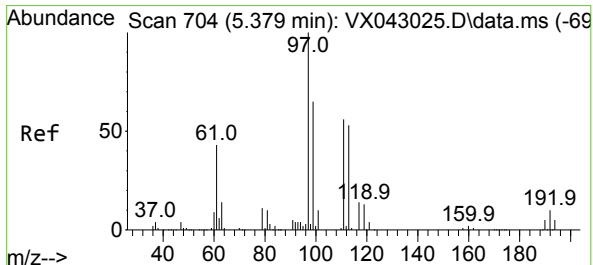
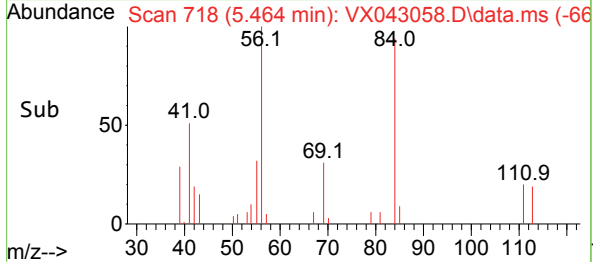
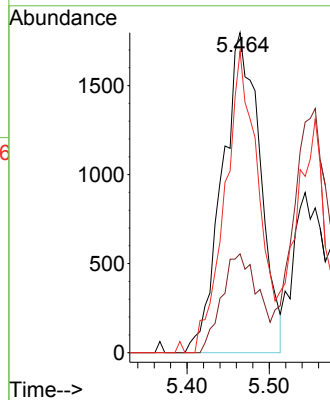
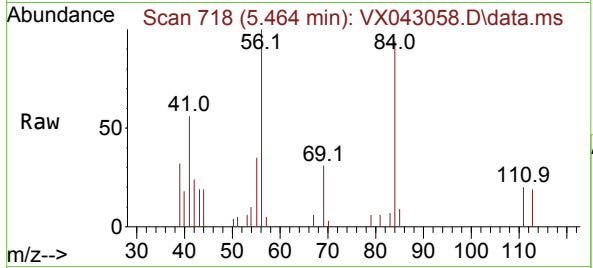




#31
Cyclohexane
Concen: 2.475 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

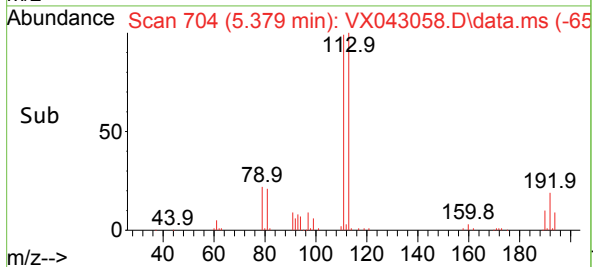
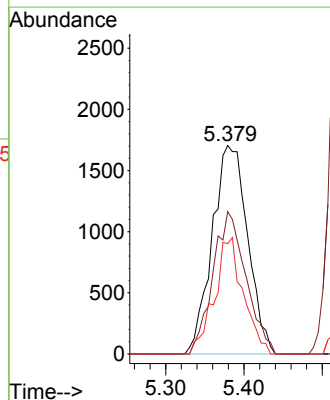
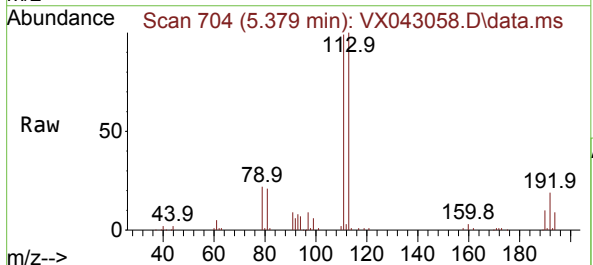
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

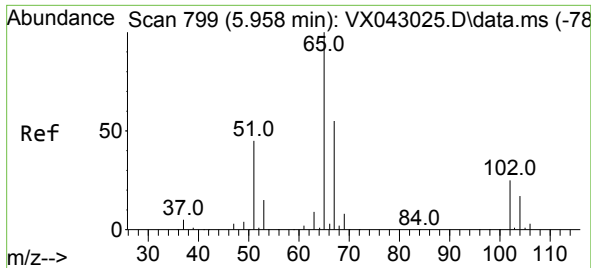
Tgt Ion:	56	Resp:	5741
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.4	35.2
84	90.7	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 2.712 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	97	Resp:	5364
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	45.6	36.4	54.6

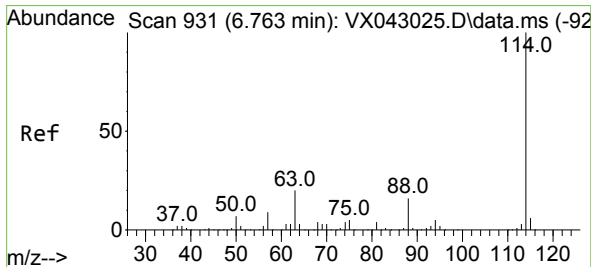
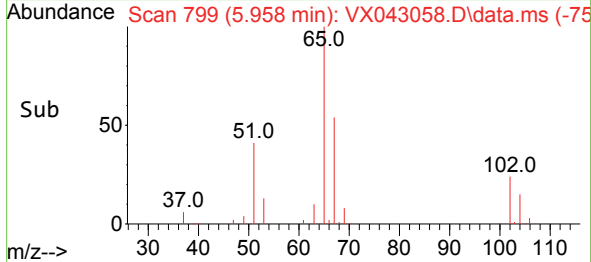
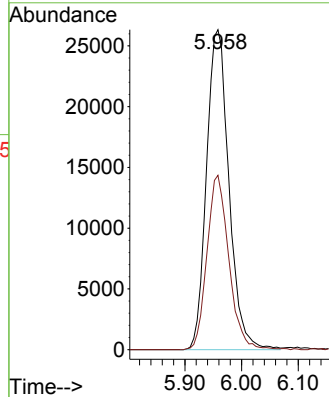
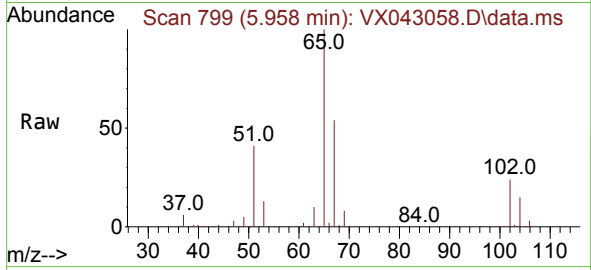




#33
 1,2-Dichloroethane-d4
 Concen: 51.912 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

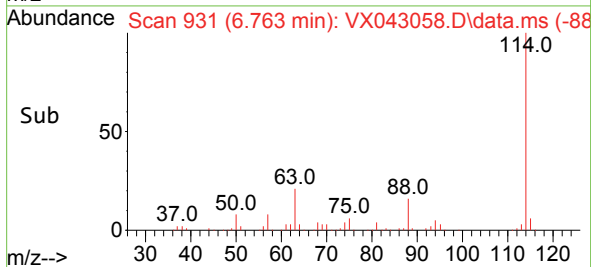
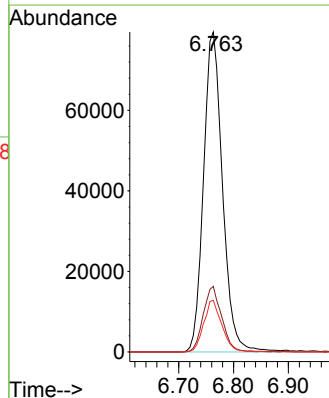
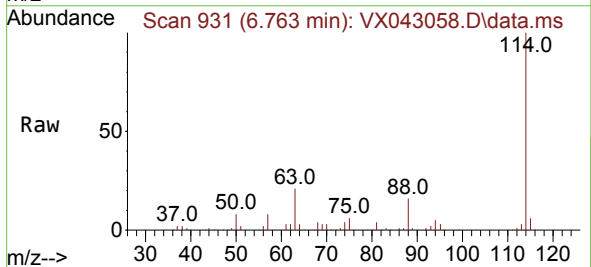
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

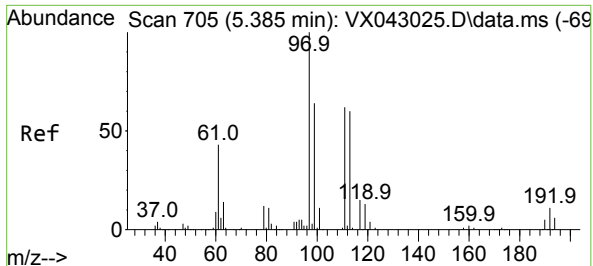
Tgt Ion: 65 Resp: 72251
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

Tgt Ion: 114 Resp: 190814
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 16.2 0.0 36.6

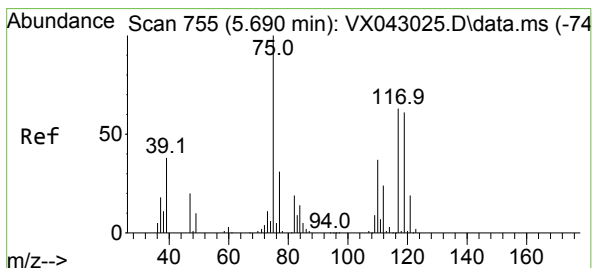
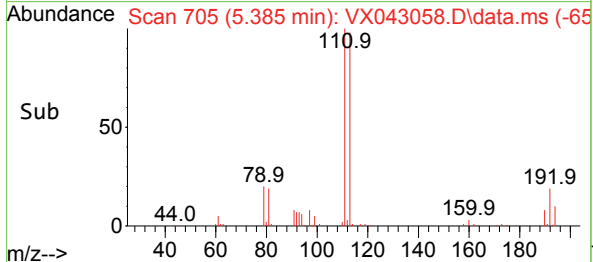
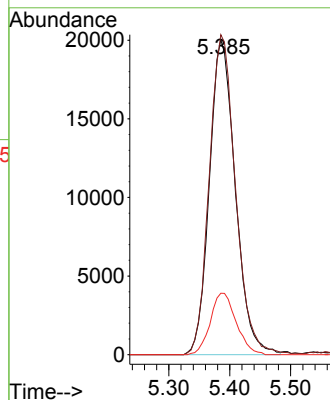
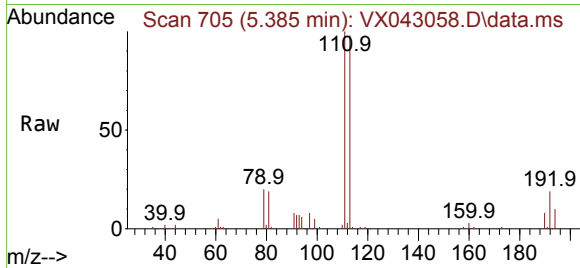




#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

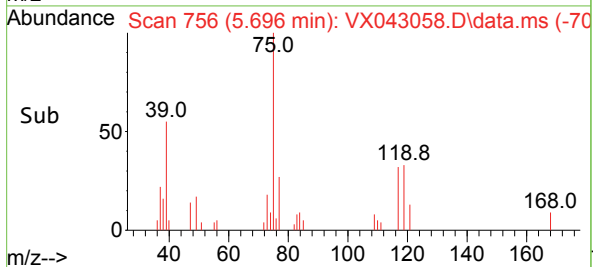
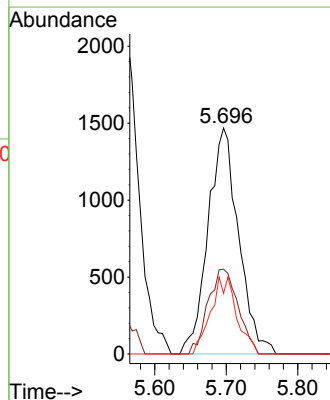
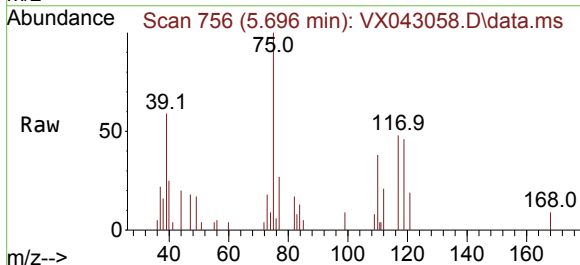
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

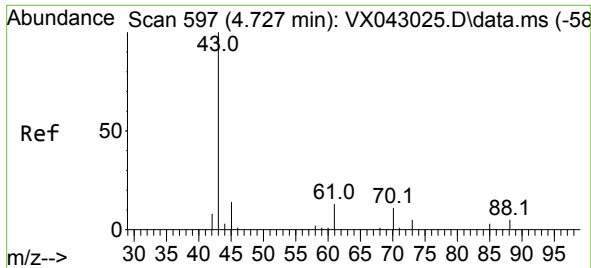
Tgt Ion:	113	Resp:	59200
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.5	13.3	19.9



#36
1,1-Dichloropropene
Concen: 2.664 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	75	Resp:	4368
Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.0	50.9
77	29.0	24.7	37.1





#37

Ethyl Acetate

Concen: 2.323 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.012 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

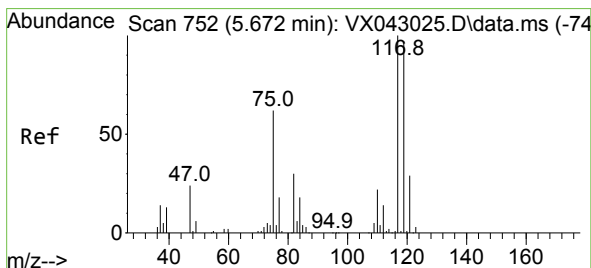
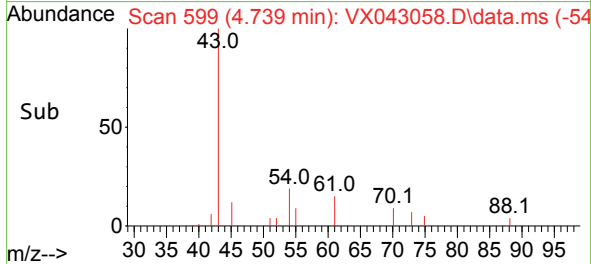
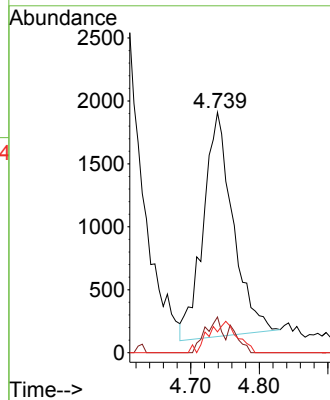
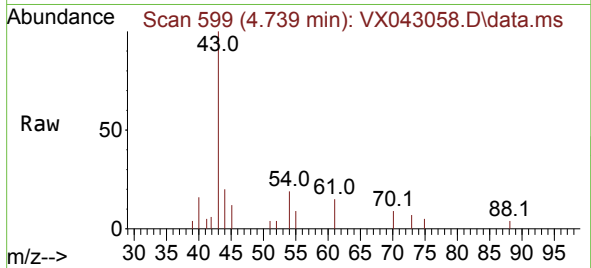
Tgt Ion: 43 Resp: 5367

Ion Ratio Lower Upper

43 100

61 9.1 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 2.647 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

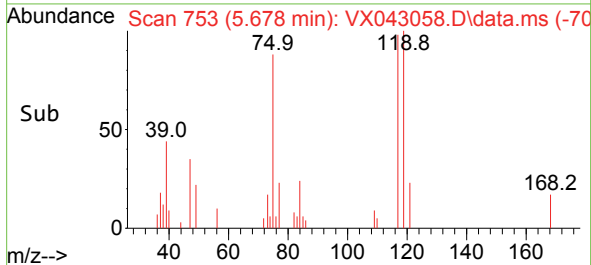
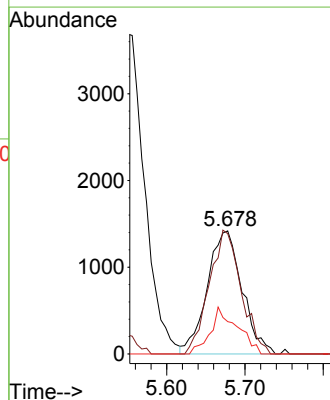
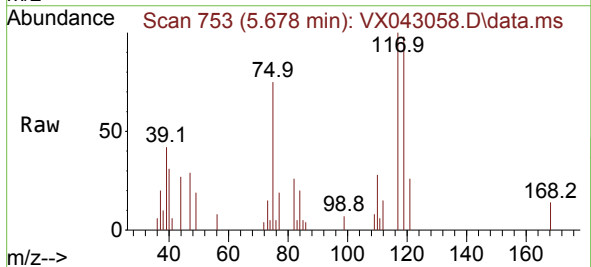
Tgt Ion: 117 Resp: 4390

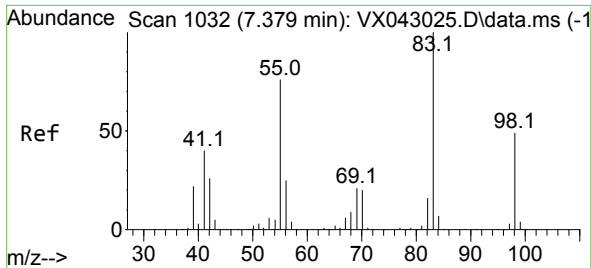
Ion Ratio Lower Upper

117 100

119 97.8 78.2 117.2

121 26.2 24.4 36.6





#39

Methylcyclohexane

Concen: 2.450 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

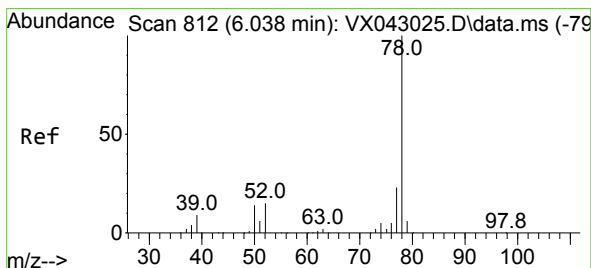
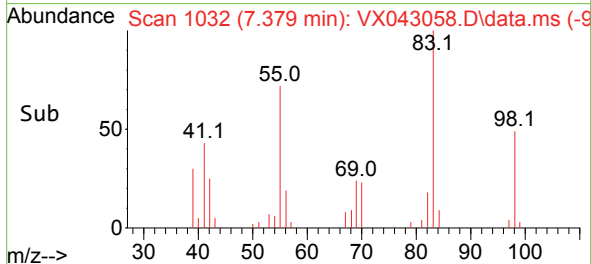
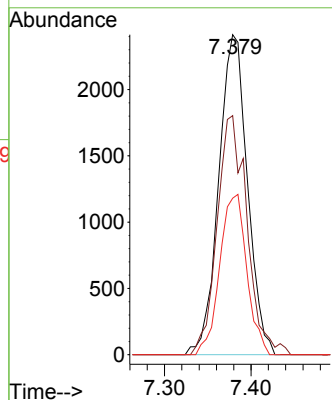
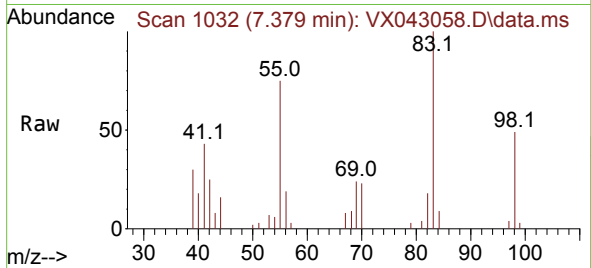
Tgt Ion: 83 Resp: 5563

Ion Ratio Lower Upper

83 100

55 74.7 64.6 97.0

98 48.9 36.7 55.1



#40

Benzene

Concen: 2.481 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX043058.D

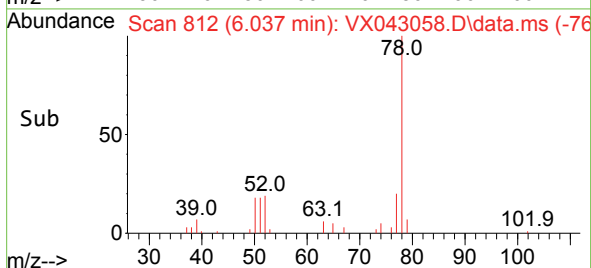
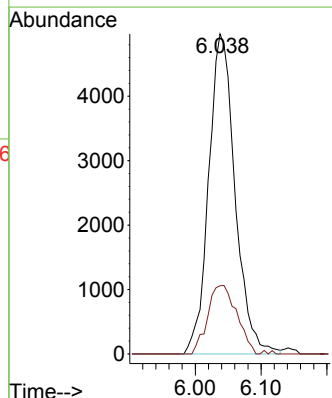
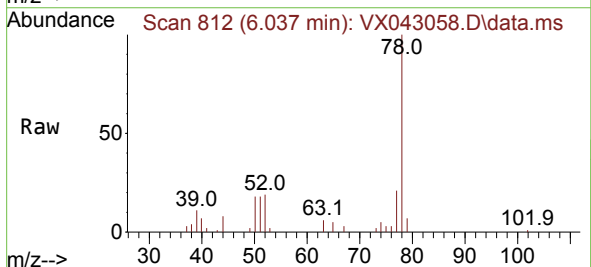
Acq: 15 Aug 2024 17:21

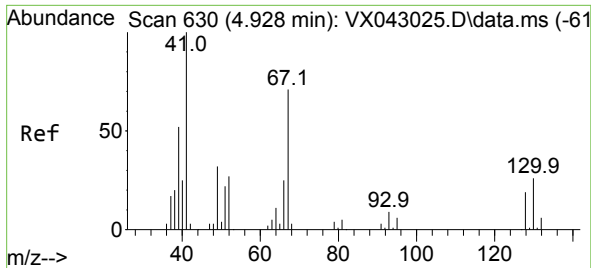
Tgt Ion: 78 Resp: 13861

Ion Ratio Lower Upper

78 100

77 21.3 19.3 28.9

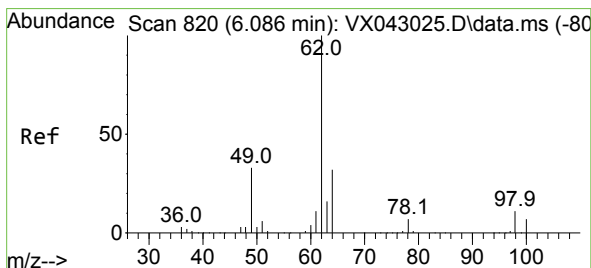
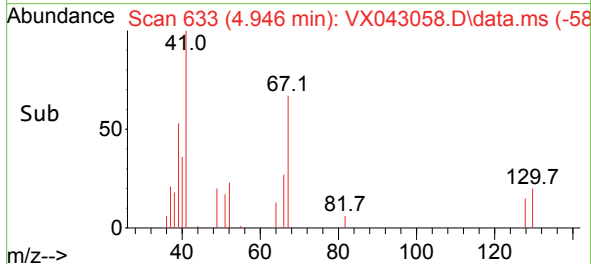
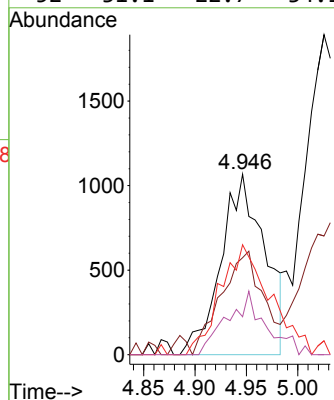
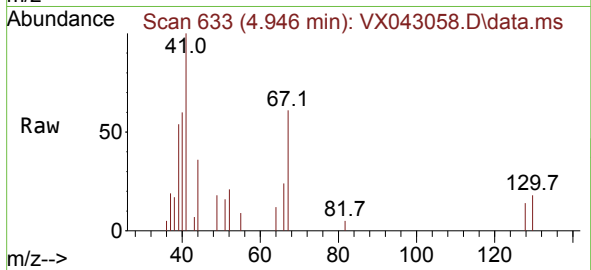




#41
Methacrylonitrile
Concen: 2.584 ug/l
RT: 4.946 min Scan# 611
Delta R.T. 0.018 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

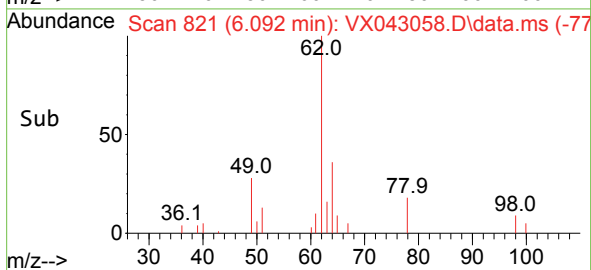
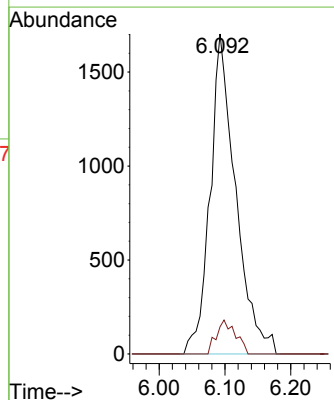
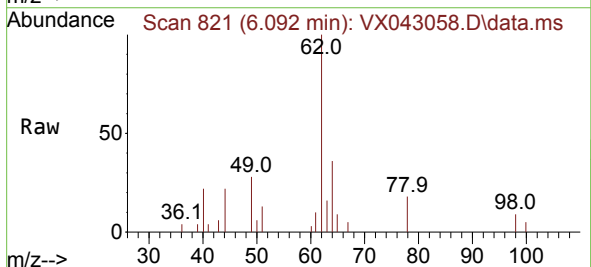
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

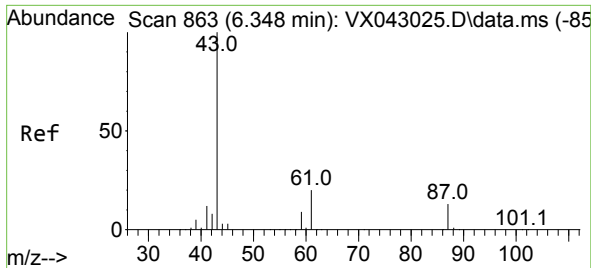
Tgt Ion: 41	Resp:	3146	
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.2	67.8
67	69.4	52.6	78.8
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 2.834 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 62	Resp:	4605	
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0

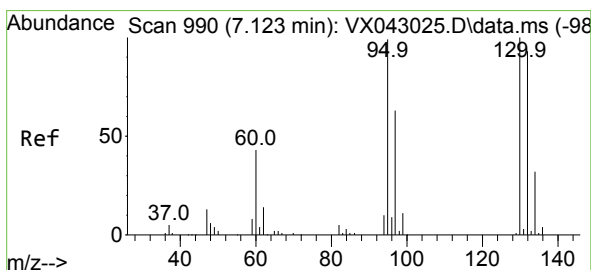
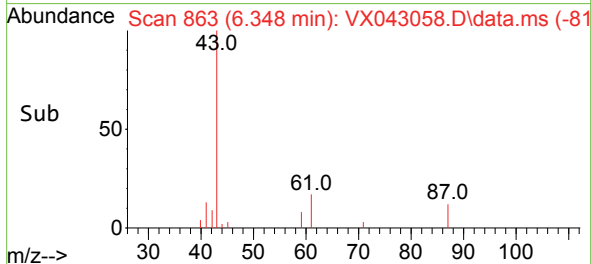
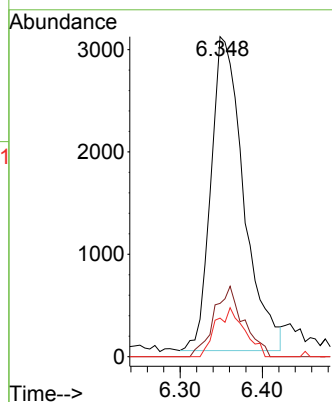
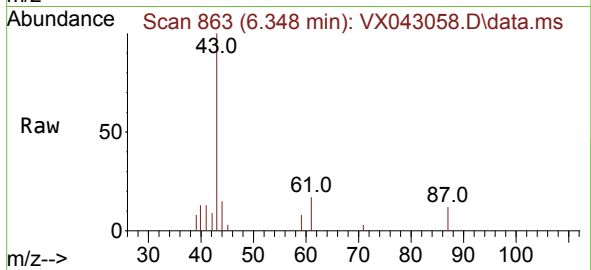




#43
Isopropyl Acetate
Concen: 2.278 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

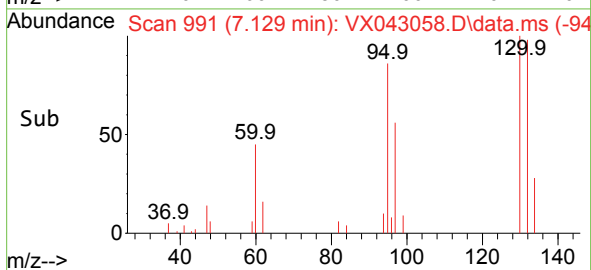
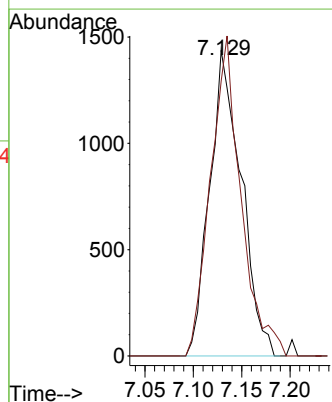
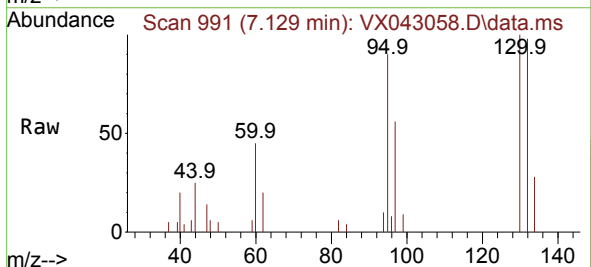
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

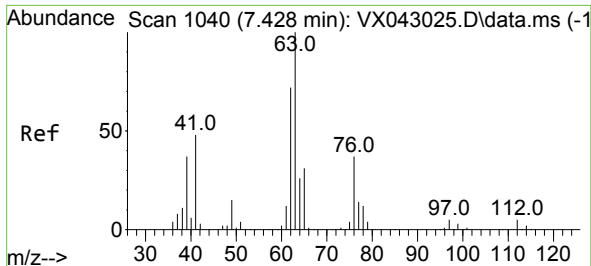
Tgt Ion:	43	Resp:	8492
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.2	22.8
87	13.6	9.8	14.6



#44
Trichloroethene
Concen: 2.579 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	130	Resp:	3263
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	204.4

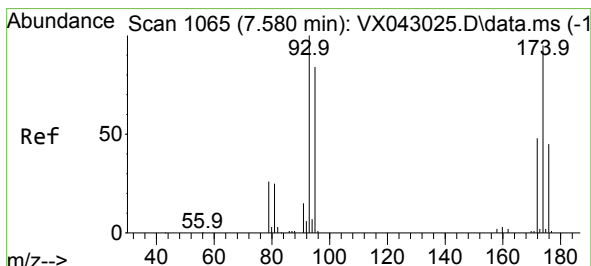
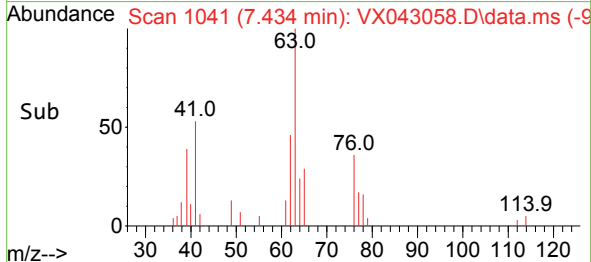
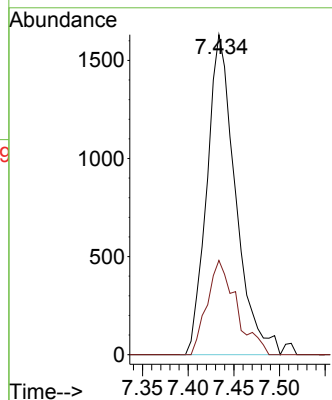
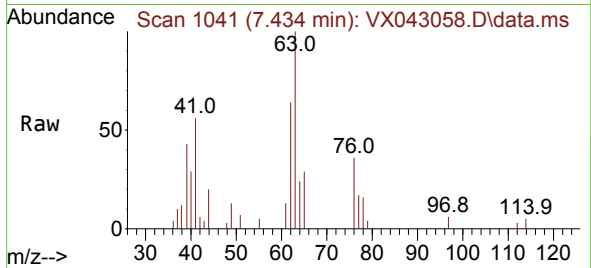




#45
1,2-Dichloropropane
Concen: 2.582 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

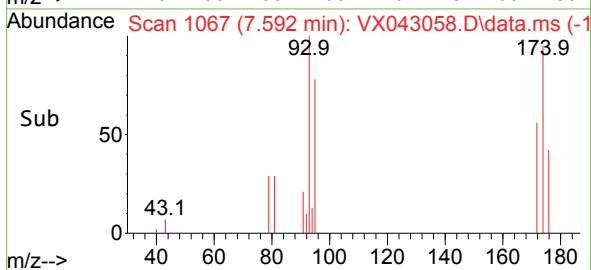
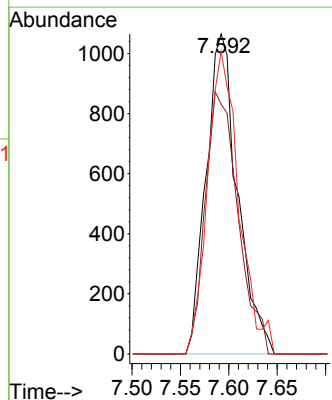
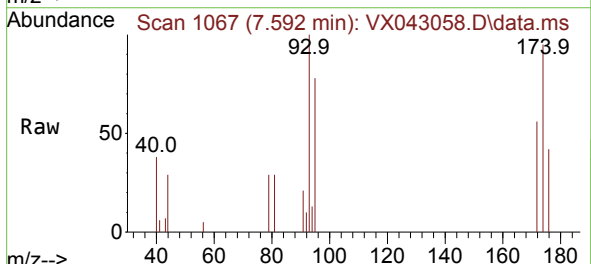
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

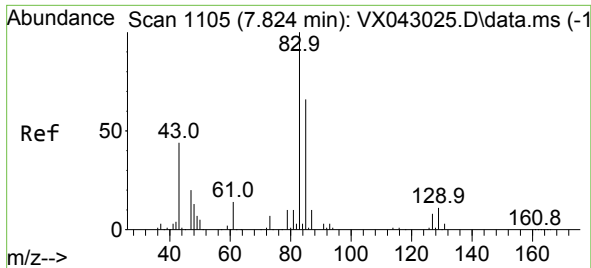
Tgt Ion: 63 Resp: 3550
Ion Ratio Lower Upper
63 100
65 29.4 24.3 36.5



#46
Dibromomethane
Concen: 2.563 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 93 Resp: 2409
Ion Ratio Lower Upper
93 100
95 85.3 66.6 100.0
174 94.5 69.4 104.0

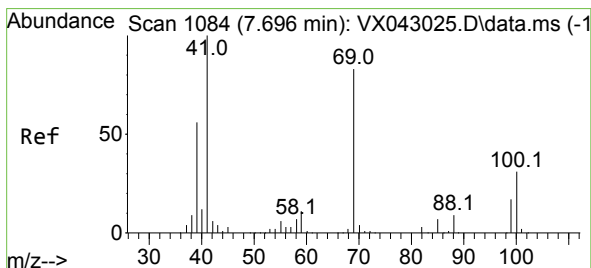
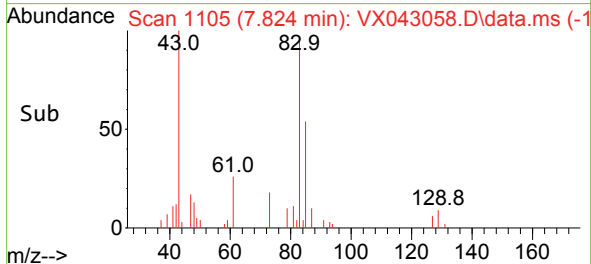
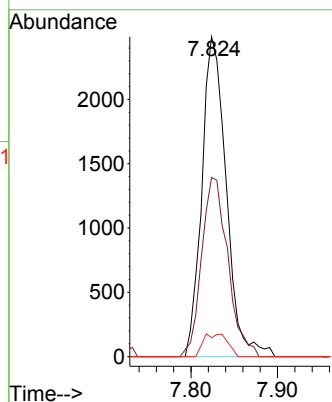
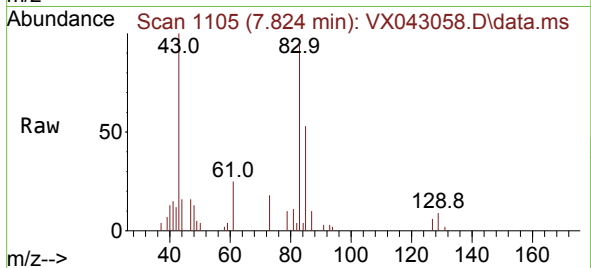




#47
Bromodichloromethane
Concen: 2.664 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

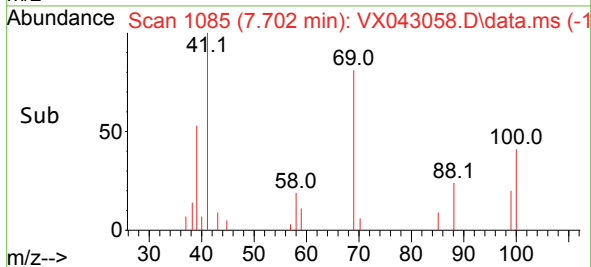
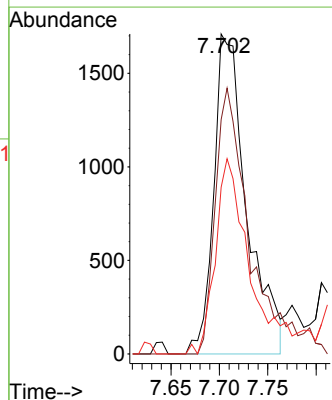
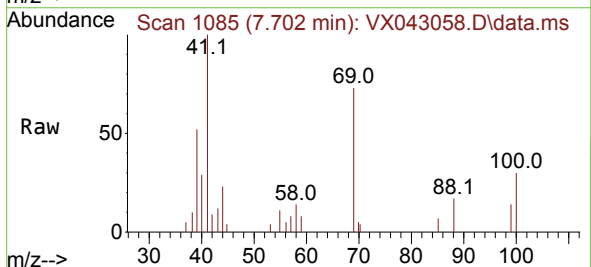
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

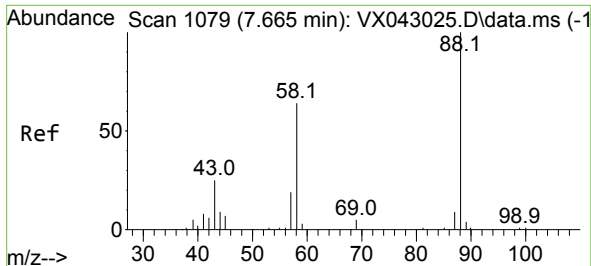
Tgt Ion: 83	Resp: 4862		
Ion Ratio	Lower	Upper	
83	100		
85	56.0	49.8	74.6
127	5.9	7.1	10.7#



#48
Methyl methacrylate
Concen: 2.432 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 41	Resp: 4042		
Ion Ratio	Lower	Upper	
41 100			
69 88.2	59.2	88.8	
39 63.3	47.7	71.5	

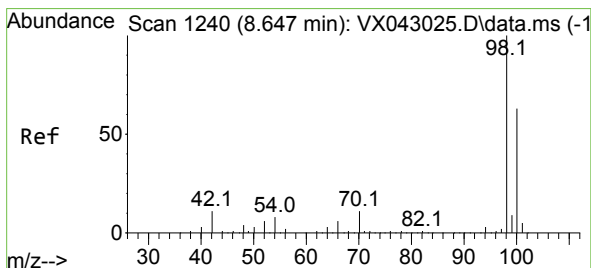
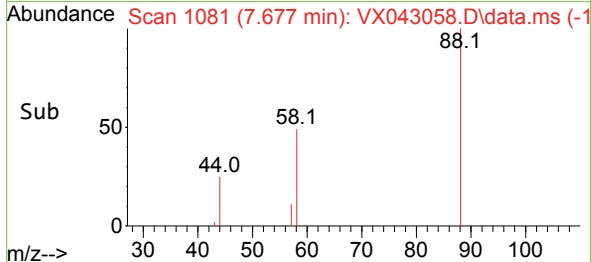
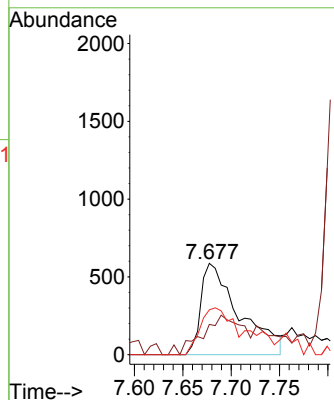
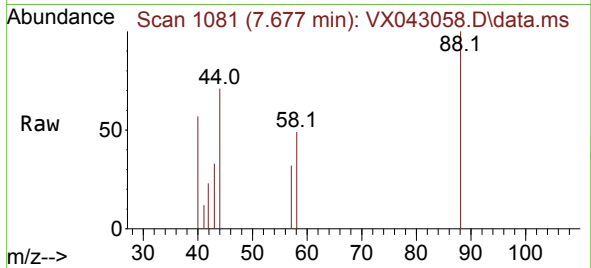




#49
1,4-Dioxane
Concen: 44.731 ug/l
RT: 7.677 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

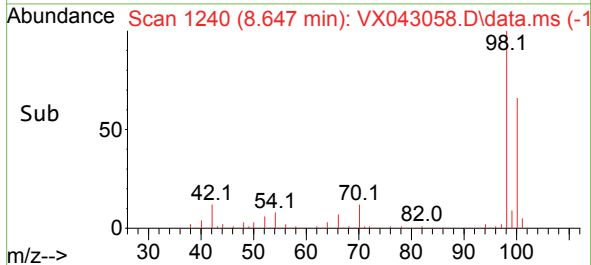
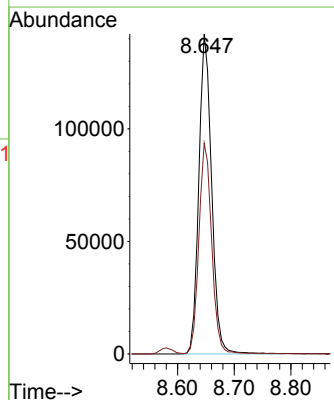
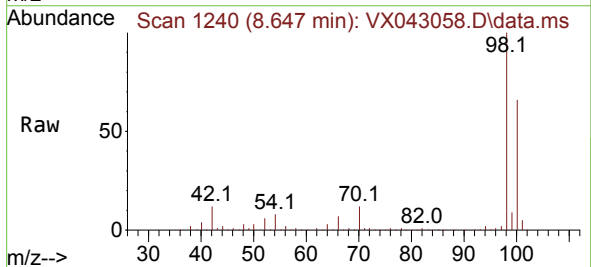
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

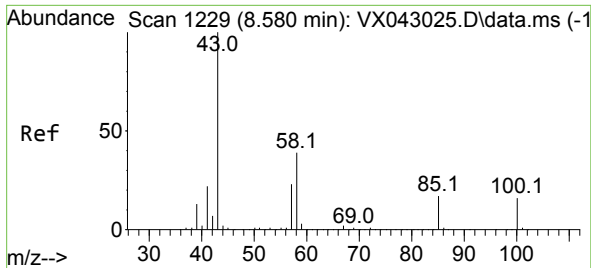
Tgt Ion: 88 Resp: 1628
Ion Ratio Lower Upper
88 100
43 45.1 0.0 0.0#
58 48.6 60.1 90.1#



#50
Toluene-d8
Concen: 48.795 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 98 Resp: 222350
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

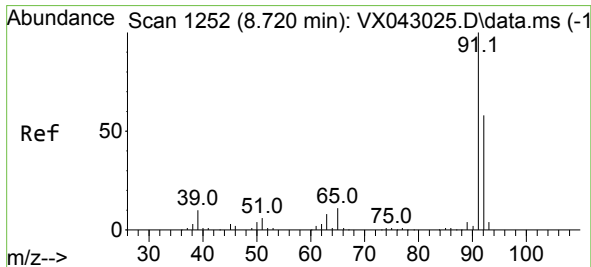
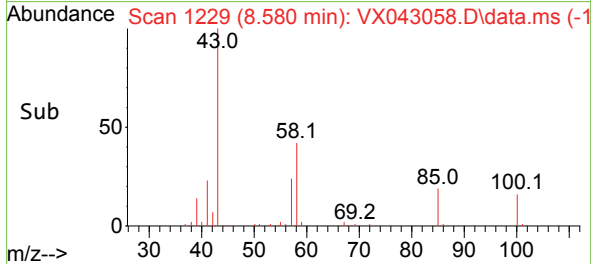
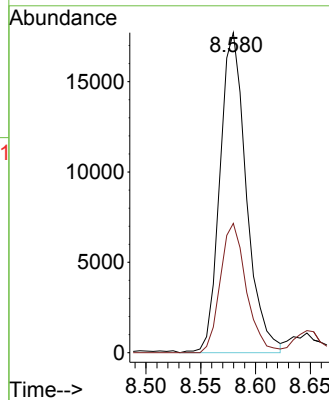
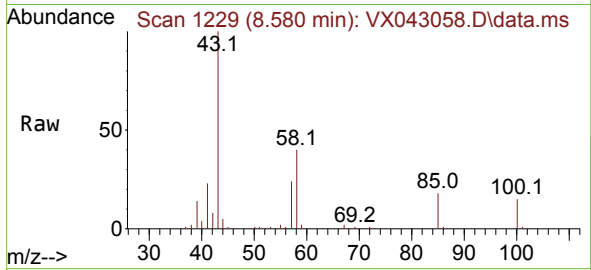




#51
4-Methyl-2-Pentanone
Concen: 12.533 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

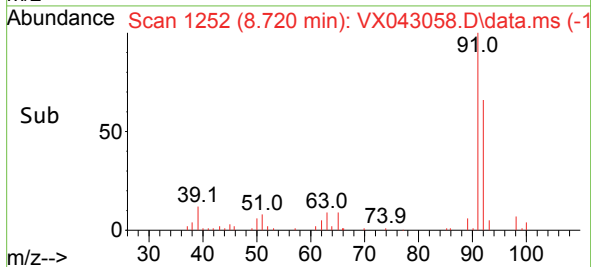
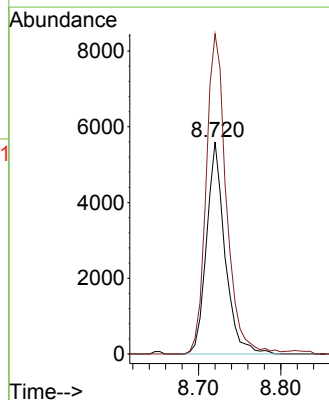
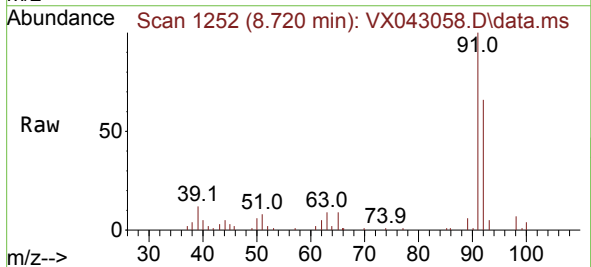
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

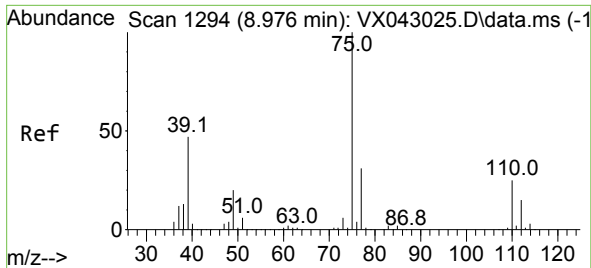
Tgt Ion: 43 Resp: 29687
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 2.578 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 92 Resp: 8702
Ion Ratio Lower Upper
92 100
91 165.7 134.2 201.2

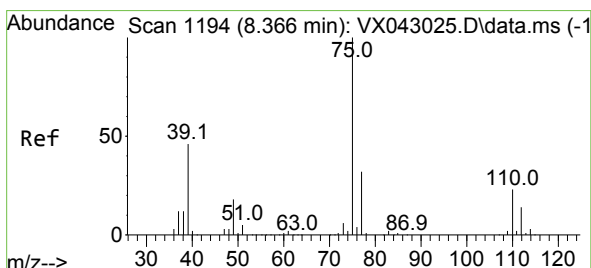
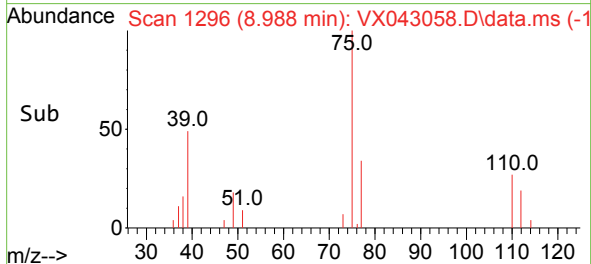
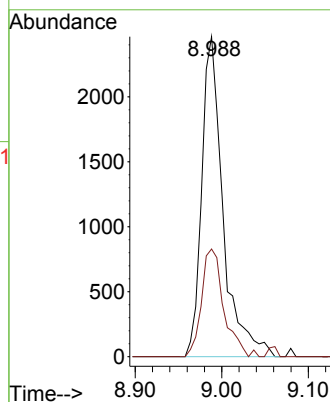
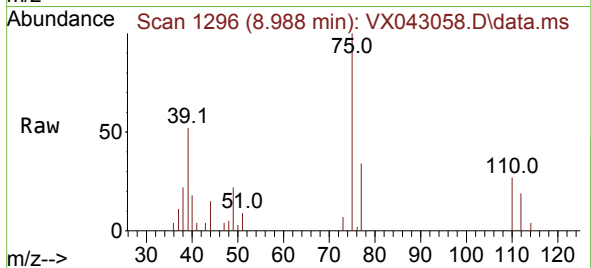




#53
 t-1,3-Dichloropropene
 Concen: 2.111 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

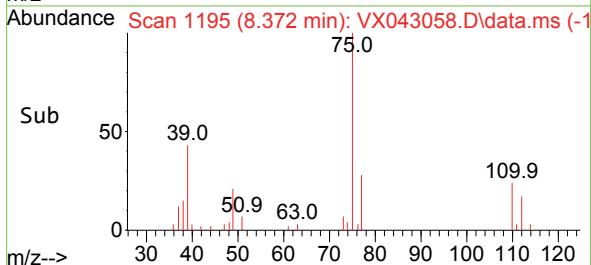
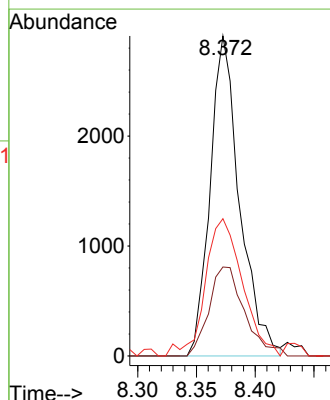
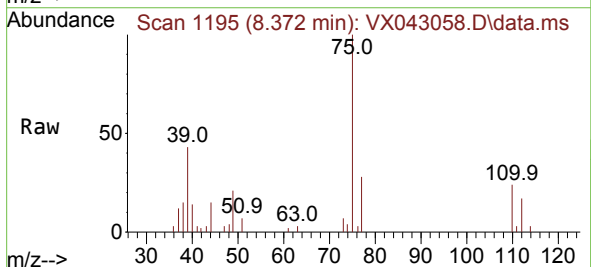
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

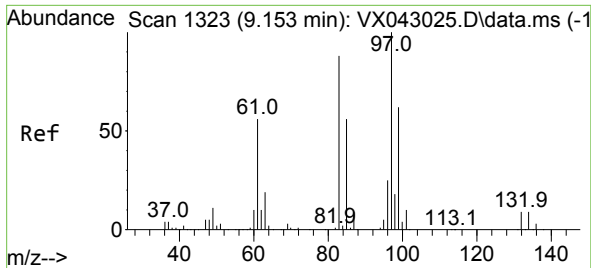
Tgt Ion: 75 Resp: 4208
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.324 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

Tgt Ion: 75 Resp: 5095
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.3 37.9
 39 42.9 46.7 70.1#

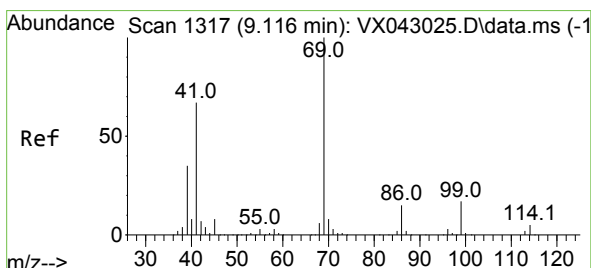
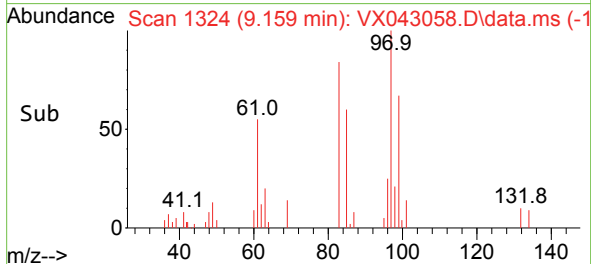
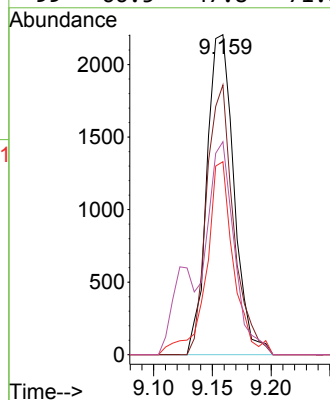
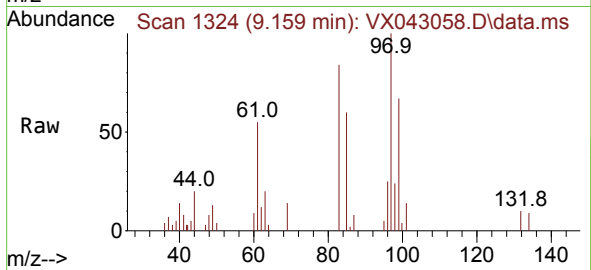




#55
1,1,2-Trichloroethane
Concen: 2.664 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

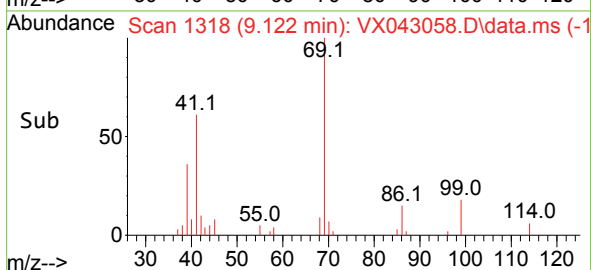
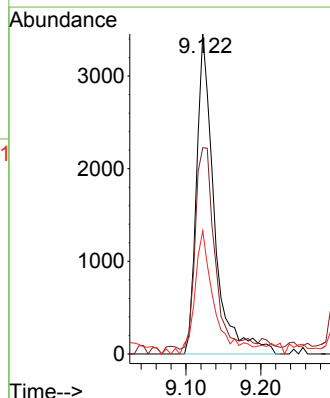
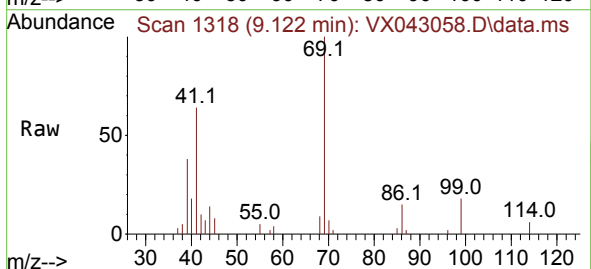
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

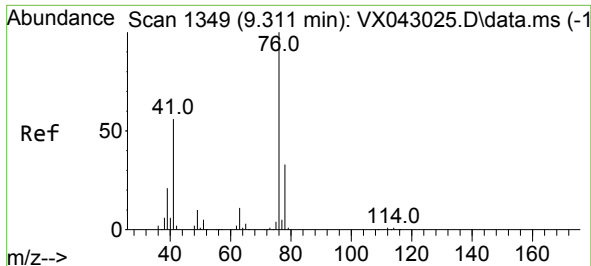
Tgt Ion: 97	Resp: 3532
Ion Ratio	Lower Upper
97 100	
83 84.3	65.8 98.8
85 60.3	41.6 62.4
99 66.5	47.8 71.8



#56
Ethyl methacrylate
Concen: 2.376 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 69	Resp: 5704
Ion Ratio	Lower Upper
69 100	
41 67.2	56.8 85.2
39 41.9	32.0 48.0





#57

1,3-Dichloropropane

Concen: 2.482 ug/l

RT: 9.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

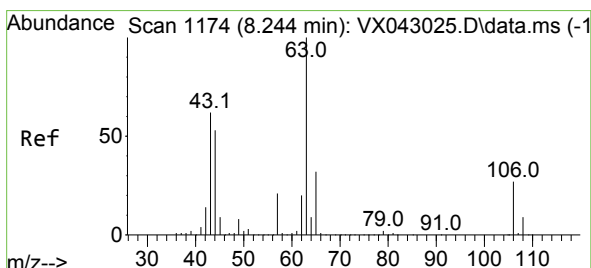
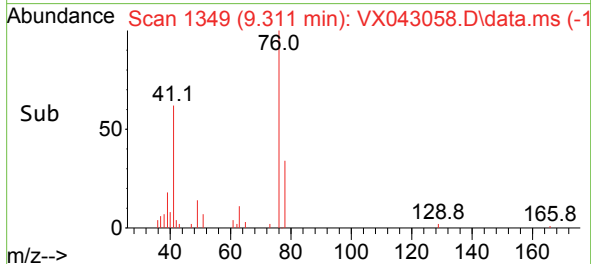
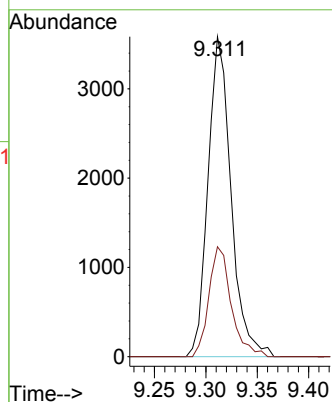
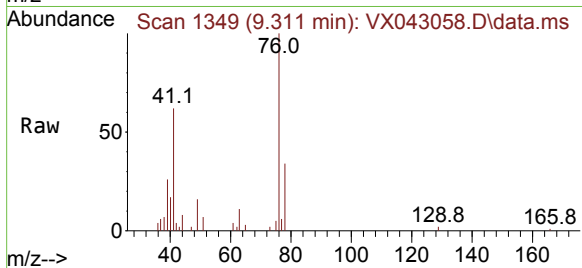
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 5576

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 11.240 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX043058.D

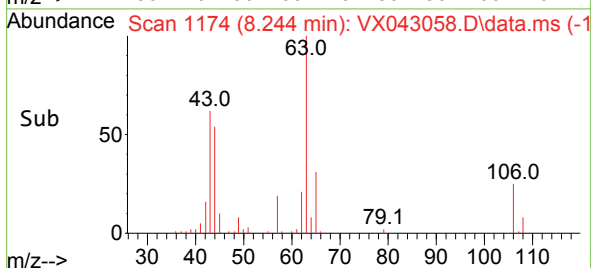
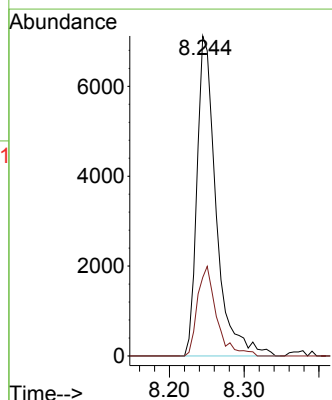
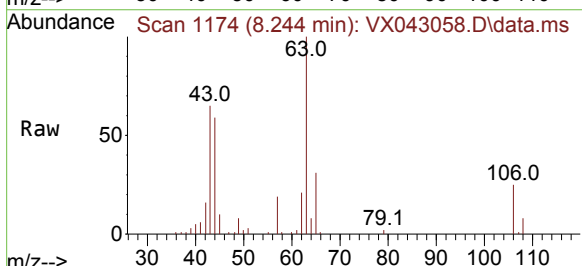
Acq: 15 Aug 2024 17:21

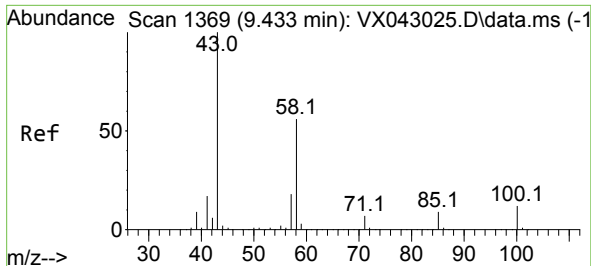
Tgt Ion: 63 Resp: 12661

Ion Ratio Lower Upper

63 100

106 28.0 22.5 33.7

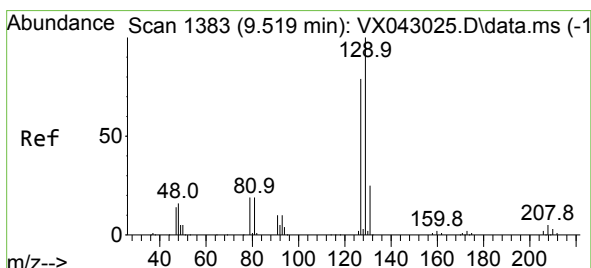
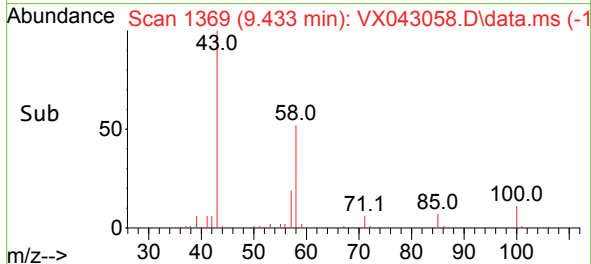
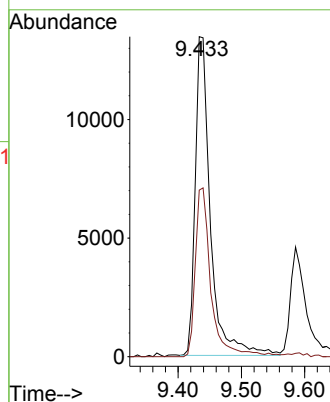
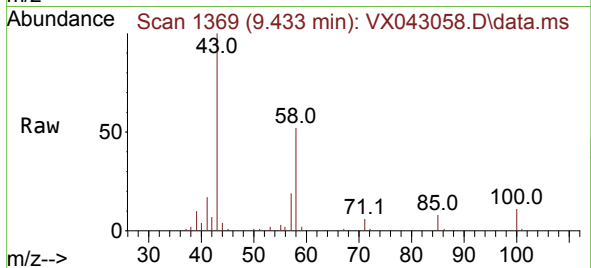




#59
2-Hexanone
Concen: 12.353 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

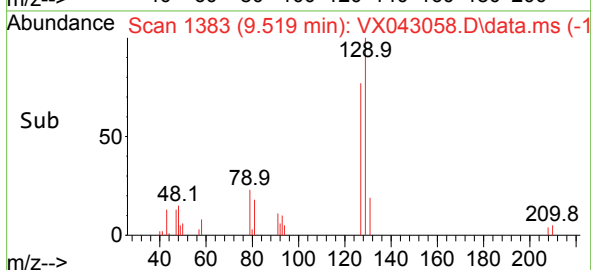
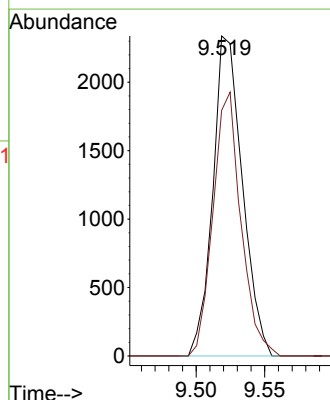
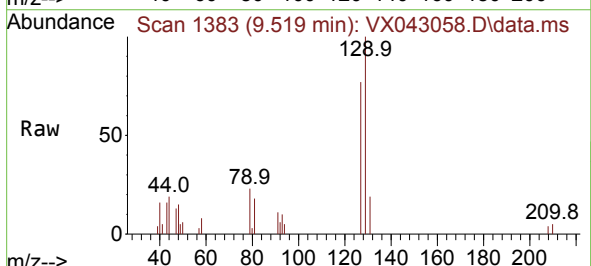
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

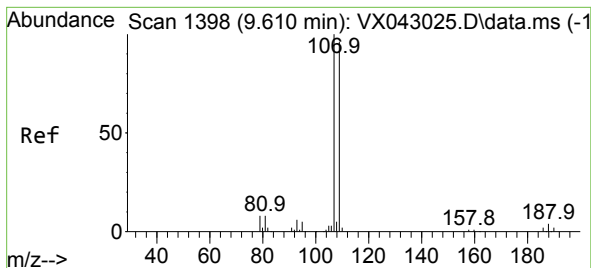
Tgt Ion: 43 Resp: 22487
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5



#60
Dibromochloromethane
Concen: 2.509 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 129 Resp: 3507
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 2.570 ug/l

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

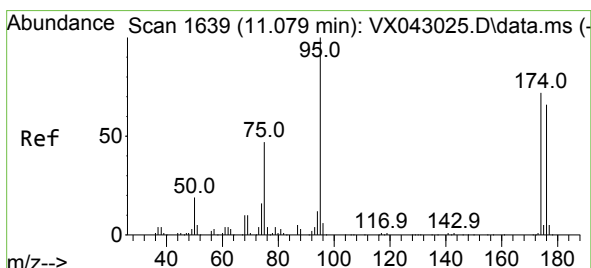
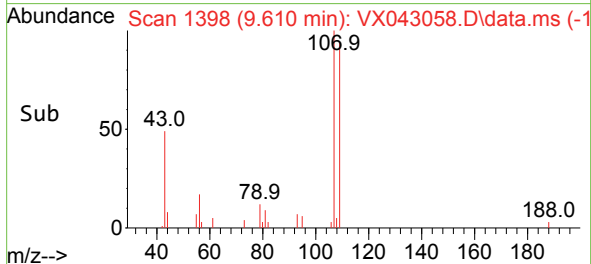
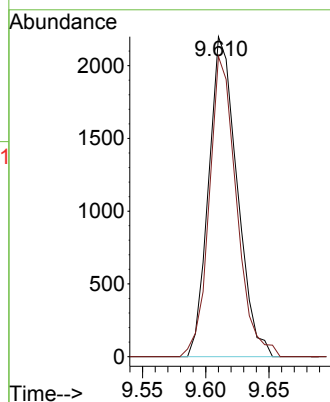
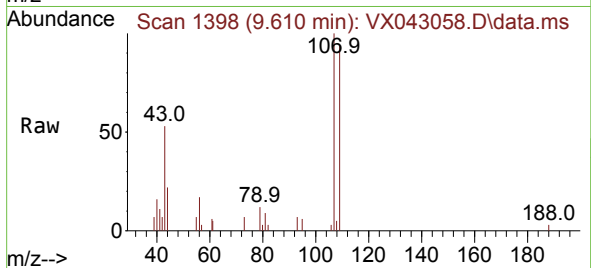
MDL-WATER-03-QT3-2024

Tgt Ion:107 Resp: 3435

Ion Ratio Lower Upper

107 100

109 89.8 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 45.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

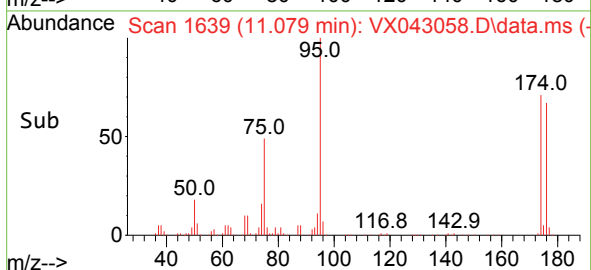
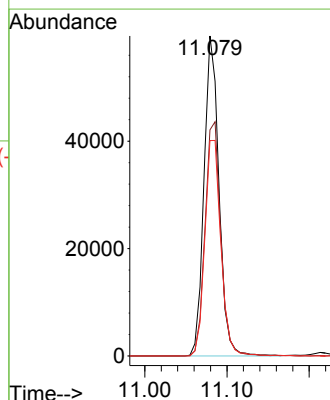
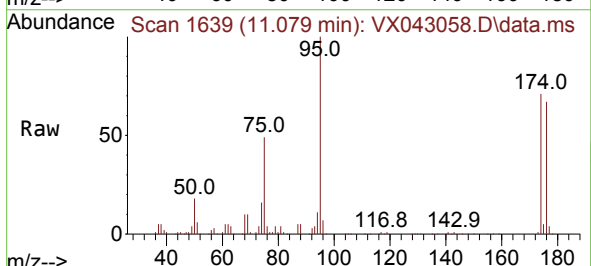
Tgt Ion: 95 Resp: 75299

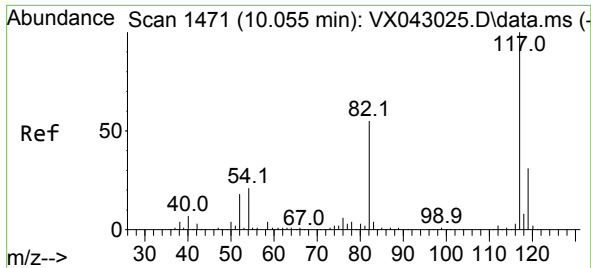
Ion Ratio Lower Upper

95 100

174 76.9 0.0 135.6

176 72.5 0.0 131.0

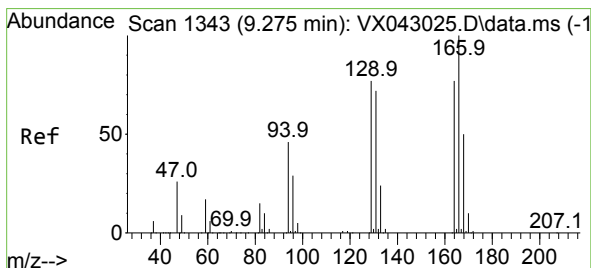
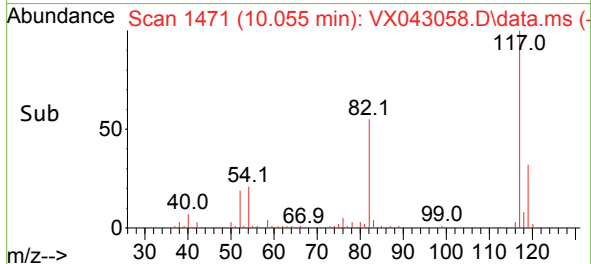
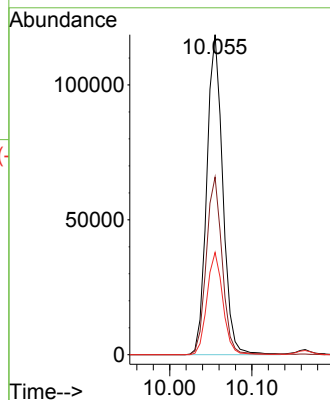
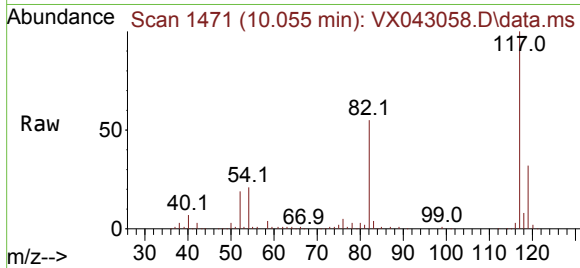




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

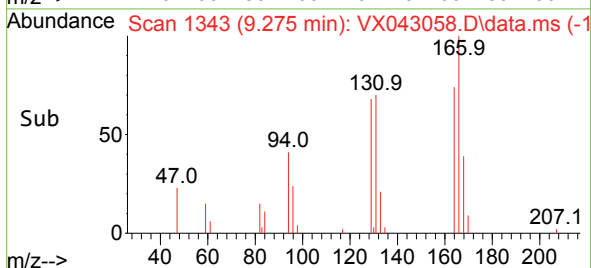
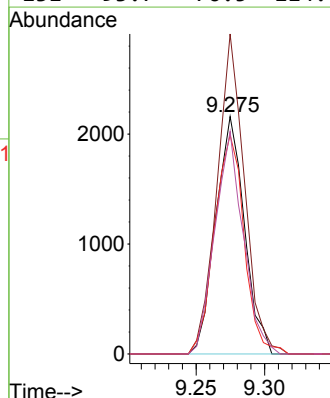
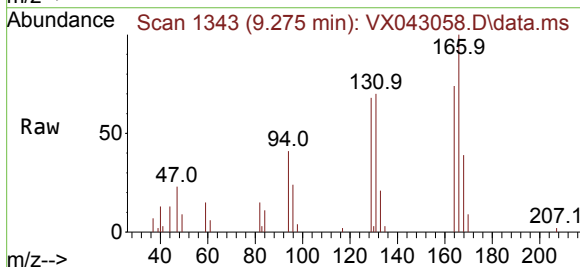
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

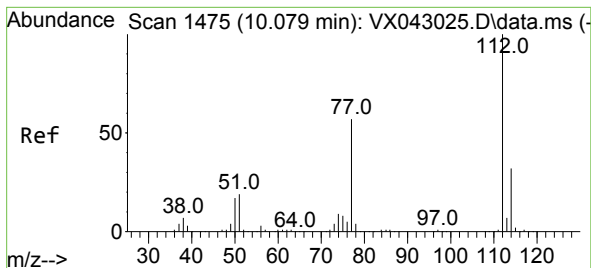
Tgt Ion:117	Resp: 159717
Ion Ratio	Lower Upper
117 100	
82 55.5	46.2 69.4
119 31.9	25.5 38.3



#64
Tetrachloroethene
Concen: 3.063 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:164	Resp: 3157
Ion Ratio	Lower Upper
164 100	
166 134.7	102.7 154.1
129 92.2	80.4 120.6
131 93.7	76.5 114.7





#65

Chlorobenzene

Concen: 2.668 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

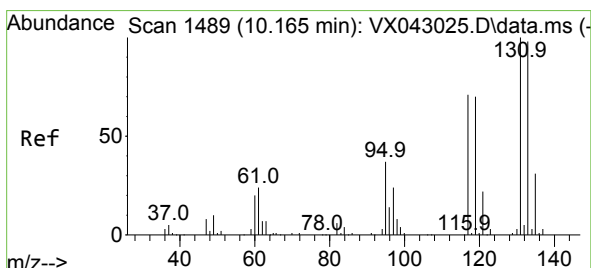
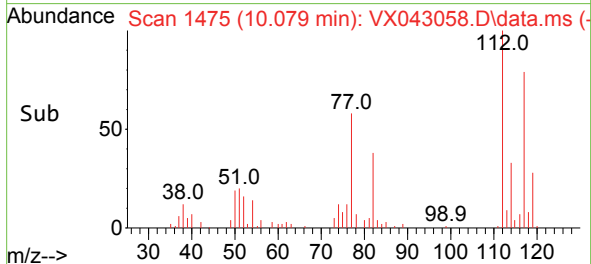
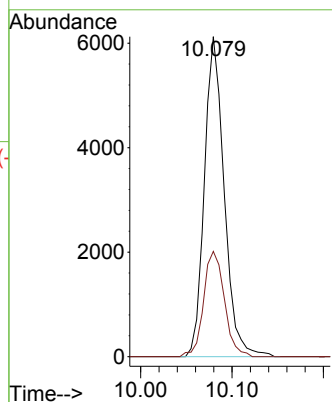
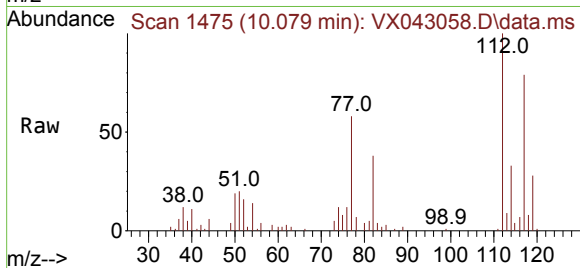
MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 9193

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.698 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

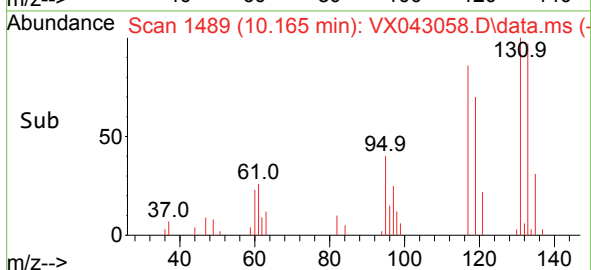
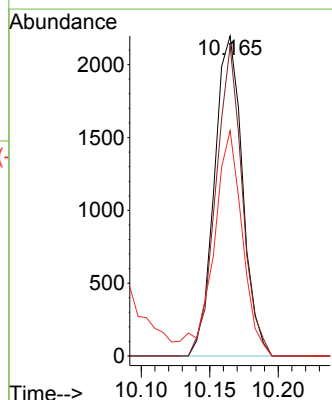
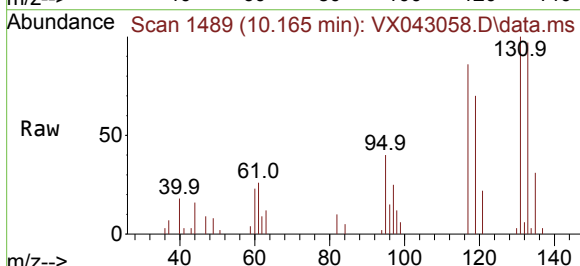
Tgt Ion:131 Resp: 3133

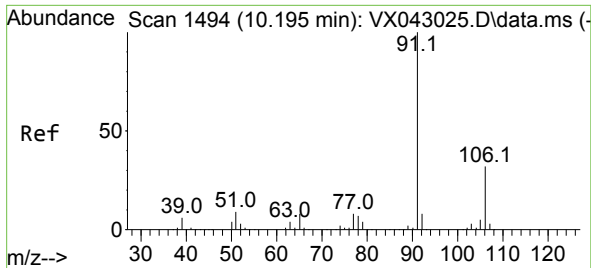
Ion Ratio Lower Upper

131 100

133 91.0 47.1 141.4

119 71.3 32.2 96.6

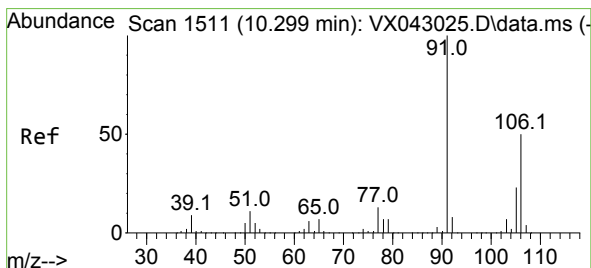
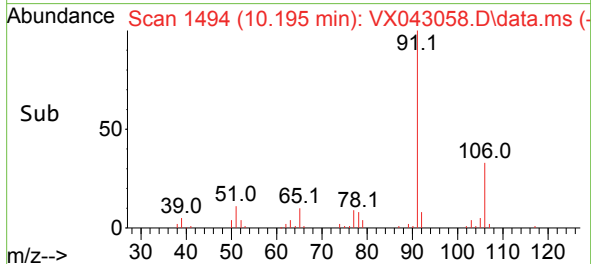
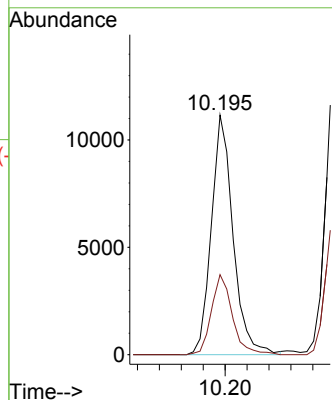
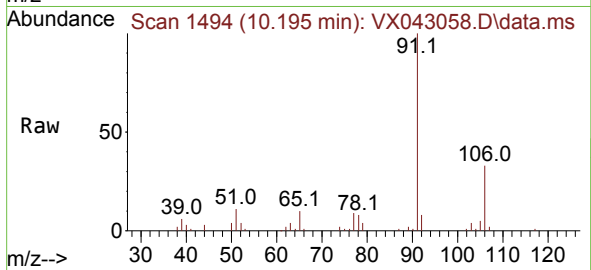




#67
Ethyl Benzene
Concen: 2.570 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

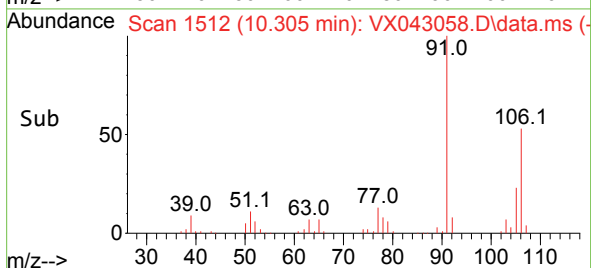
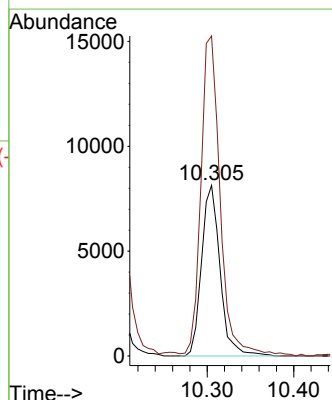
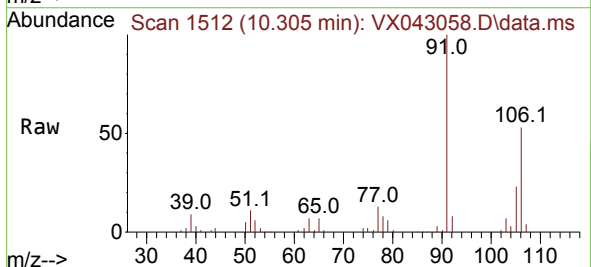
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

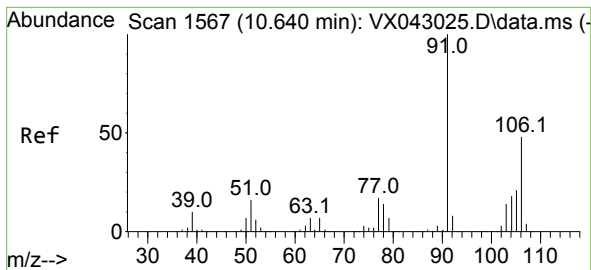
Tgt Ion: 91 Resp: 15387
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3



#68
m/p-Xylenes
Concen: 5.240 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 106 Resp: 12066
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3





#69

o-Xylene

Concen: 2.682 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

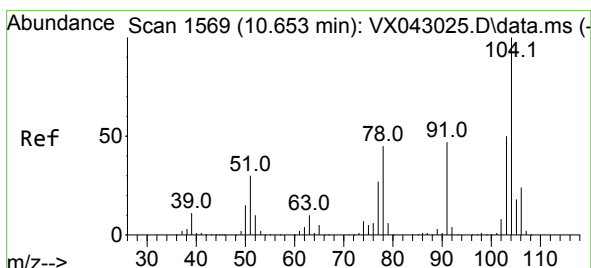
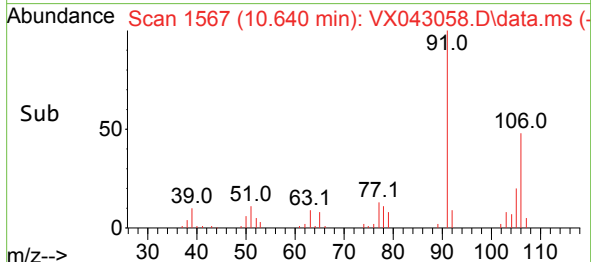
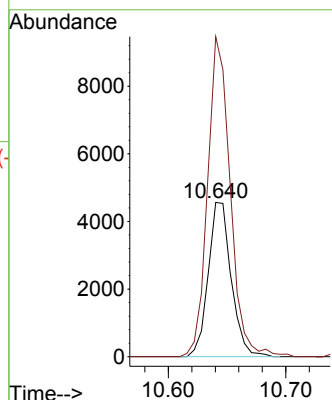
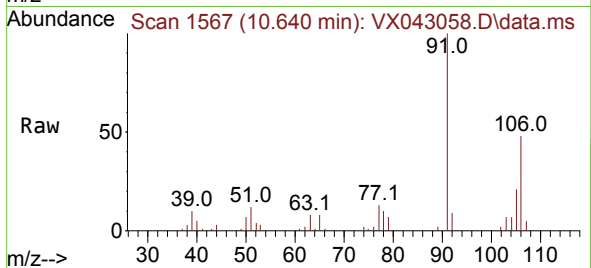
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 6204

Ion Ratio Lower Upper

106 100

91 204.4 108.9 326.8



#70

Styrene

Concen: 2.512 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

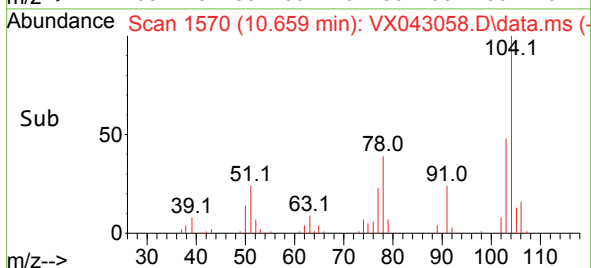
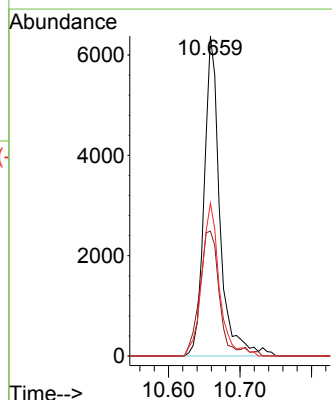
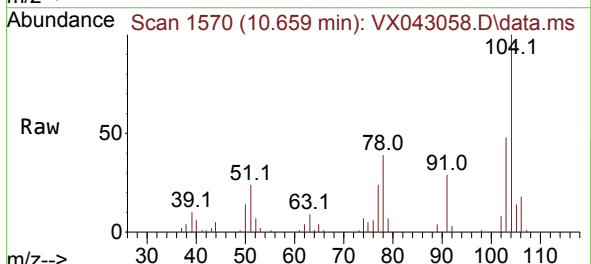
Tgt Ion:104 Resp: 9742

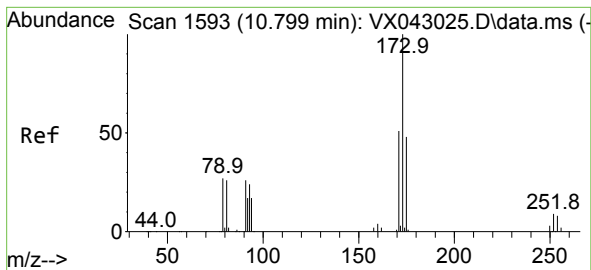
Ion Ratio Lower Upper

104 100

78 49.6 43.6 65.4

103 53.3 43.6 65.4





#71

Bromoform

Concen: 2.539 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

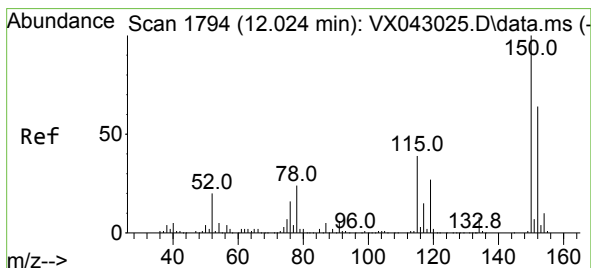
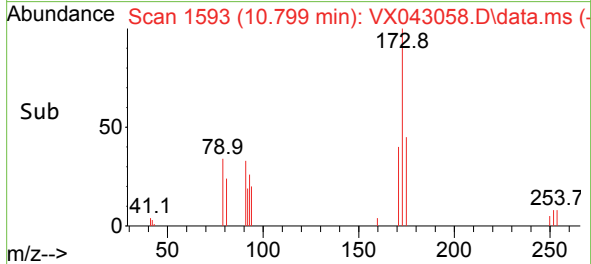
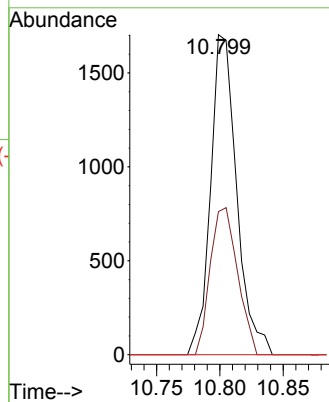
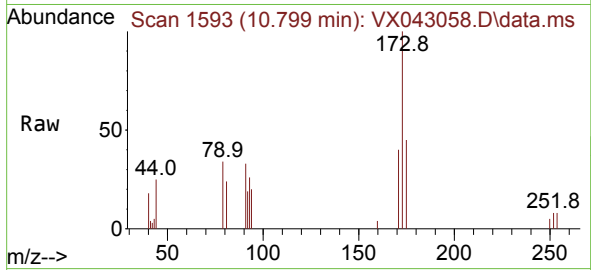
Tgt Ion:173 Resp: 2448

Ion Ratio Lower Upper

173 100

175 48.0 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: VX043058.D

Acq: 15 Aug 2024 17:21

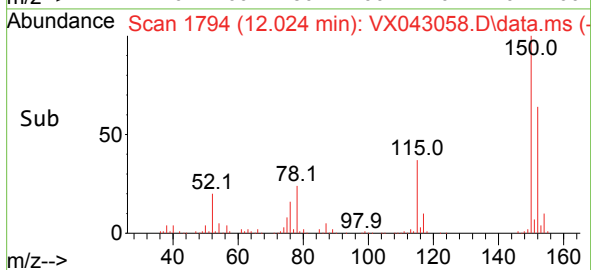
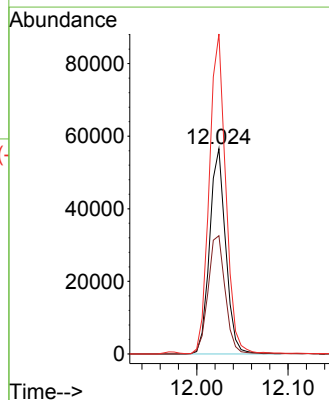
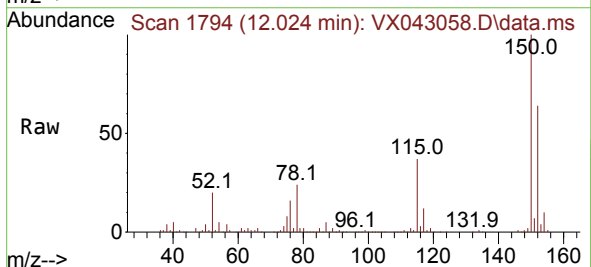
Tgt Ion:152 Resp: 69130

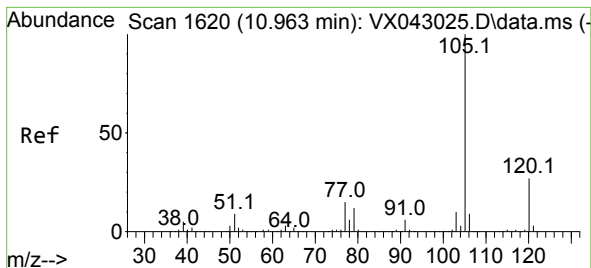
Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 158.9 0.0 345.0





#73

Isopropylbenzene

Concen: 2.719 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

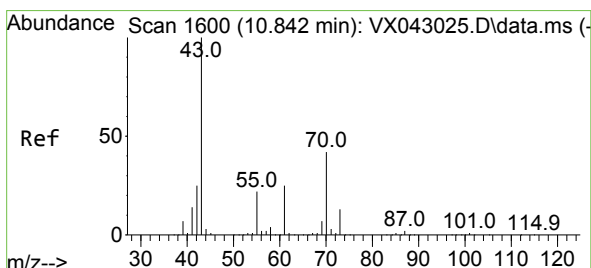
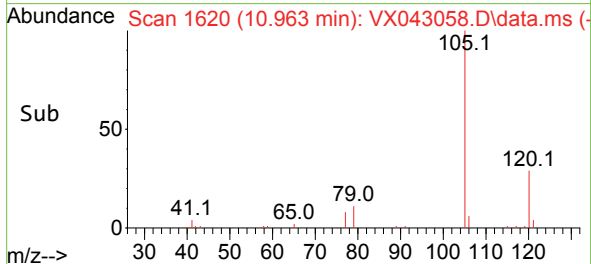
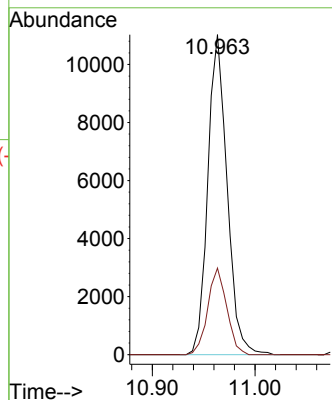
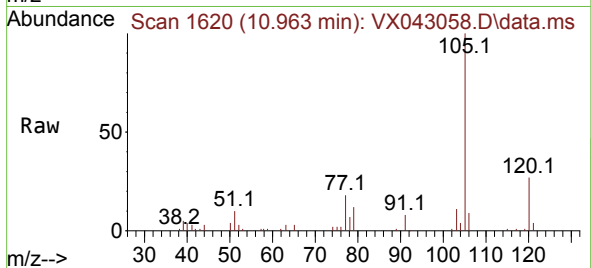
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 14338

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 2.633 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion: 43 Resp: 7908

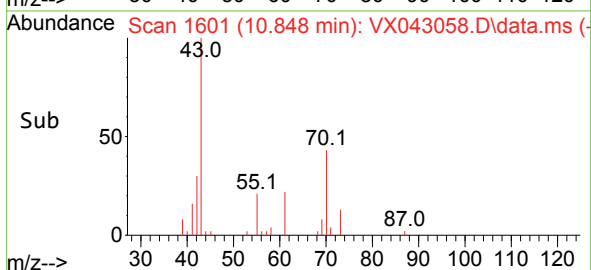
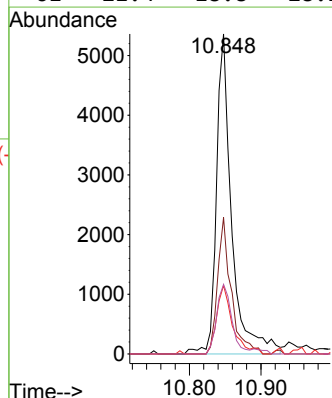
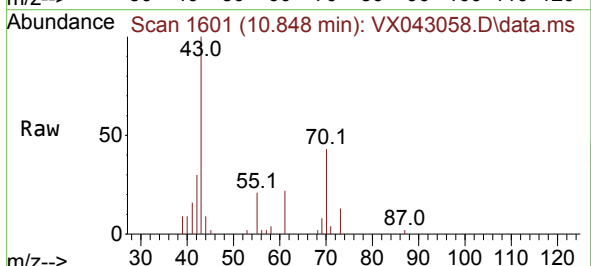
Ion Ratio Lower Upper

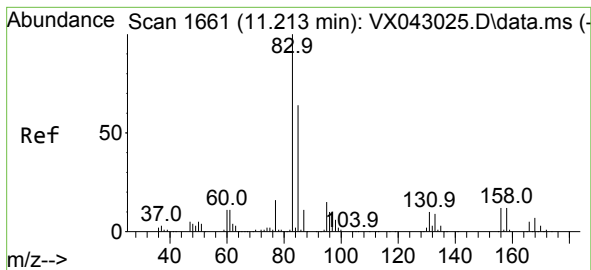
43 100

70 38.0 32.9 49.3

55 22.3 19.3 28.9

61 21.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.655 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

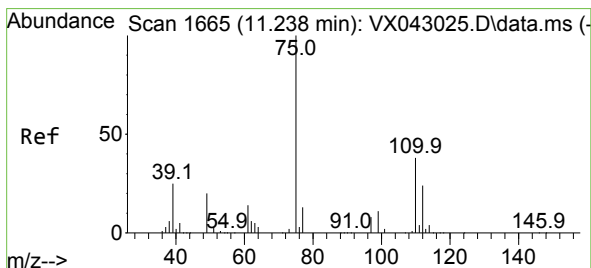
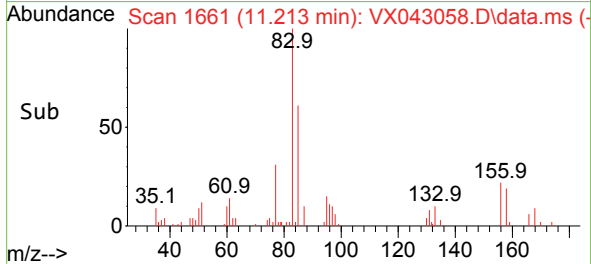
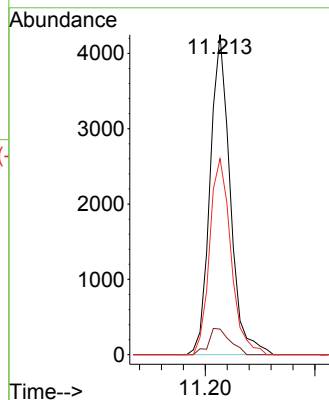
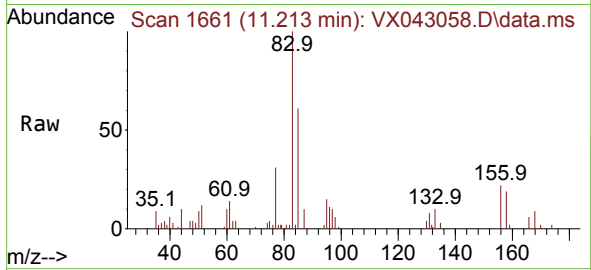
Tgt Ion: 83 Resp: 5390

Ion Ratio Lower Upper

83 100

131 8.8 5.3 15.8

85 65.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 3.397 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX043058.D

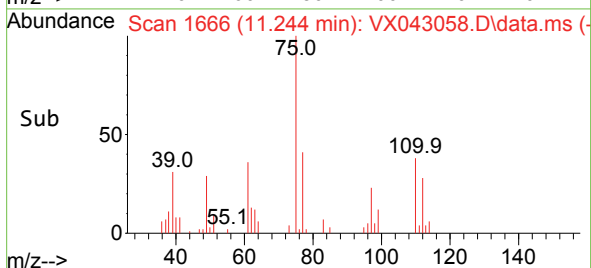
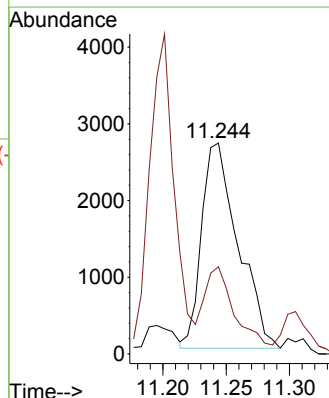
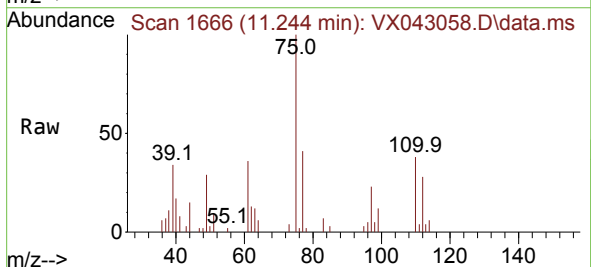
Acq: 15 Aug 2024 17:21

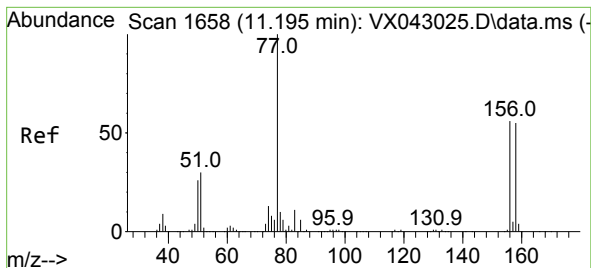
Tgt Ion: 75 Resp: 5382

Ion Ratio Lower Upper

75 100

77 37.2 19.1 57.5





#77

Bromobenzene

Concen: 2.839 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

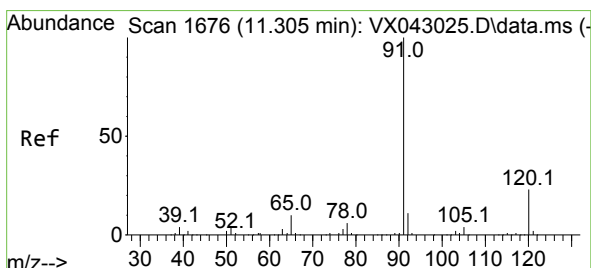
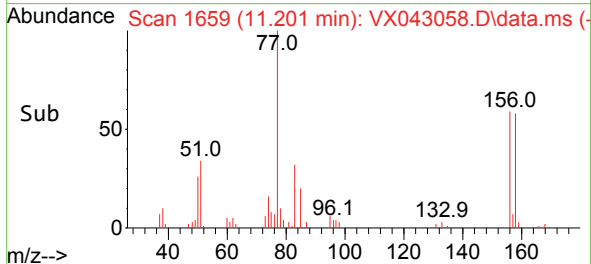
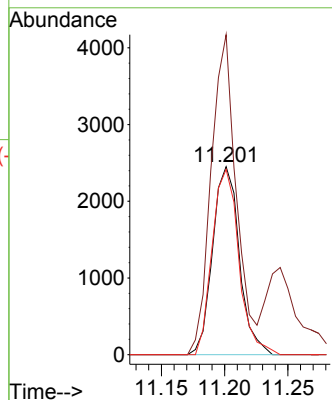
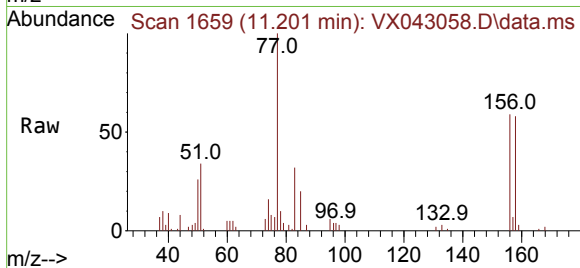
Tgt Ion:156 Resp: 3597

Ion Ratio Lower Upper

156 100

77 161.0 88.4 265.3

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 2.618 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043058.D

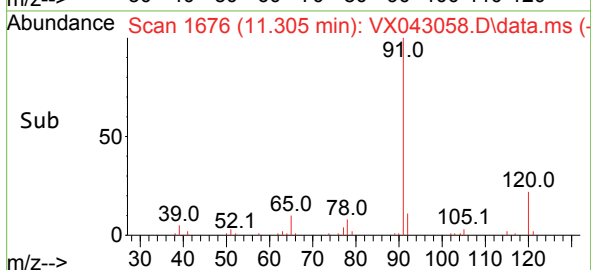
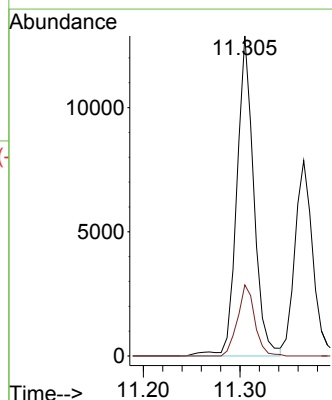
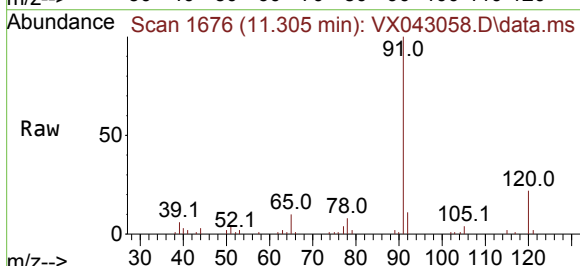
Acq: 15 Aug 2024 17:21

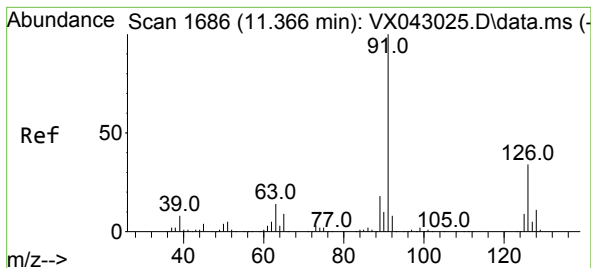
Tgt Ion: 91 Resp: 15734

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.642 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

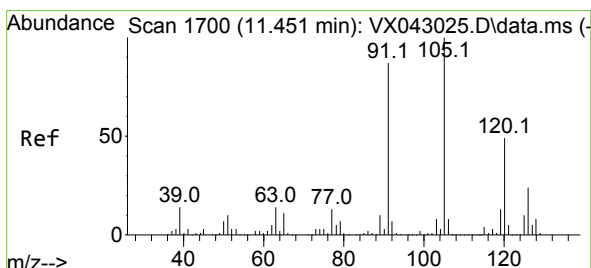
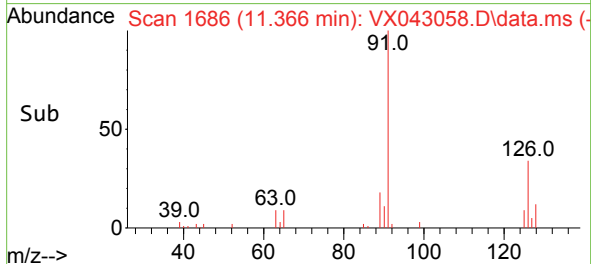
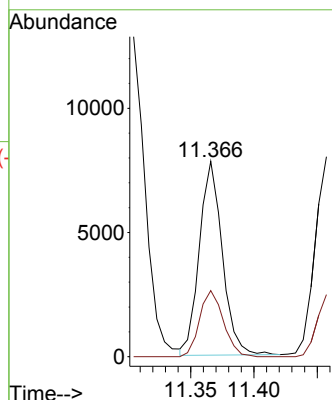
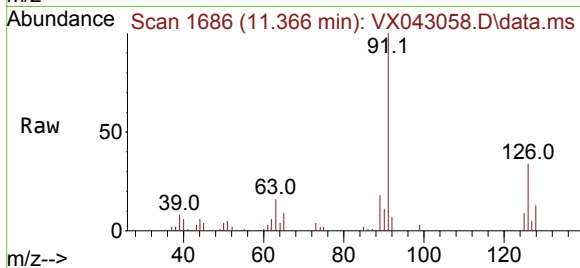
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 9883

Ion Ratio Lower Upper

91 100

126 35.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 2.746 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043058.D

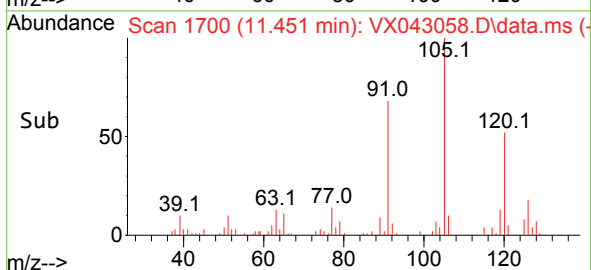
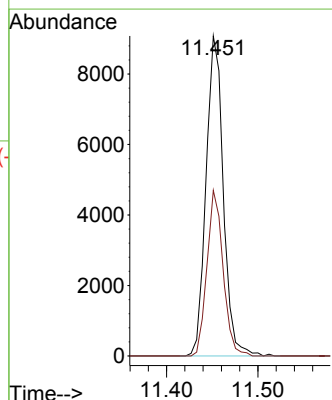
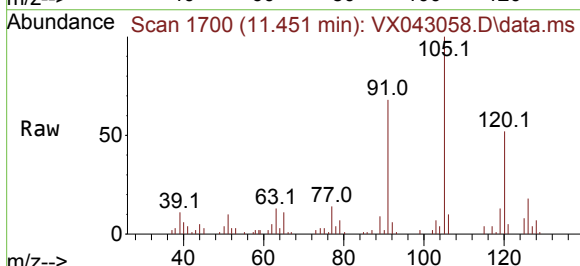
Acq: 15 Aug 2024 17:21

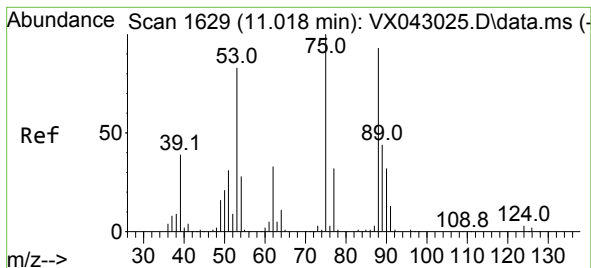
Tgt Ion: 105 Resp: 11928

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

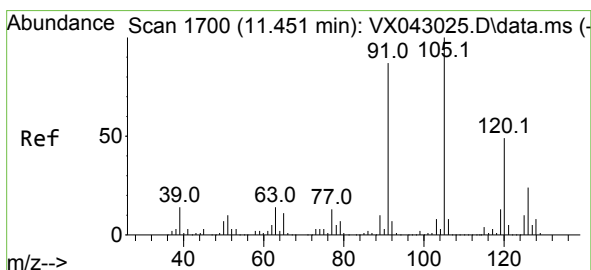
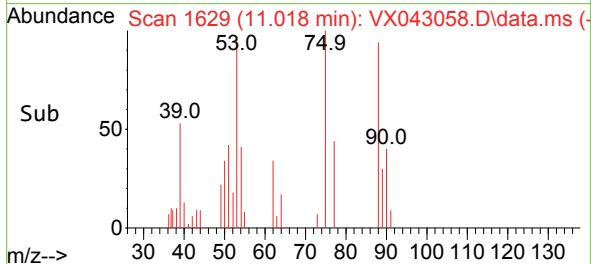
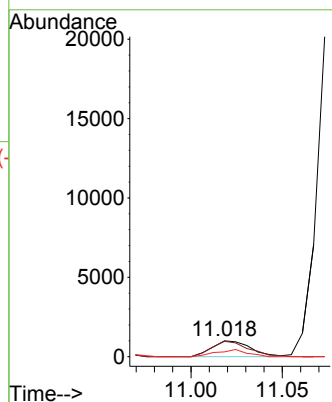
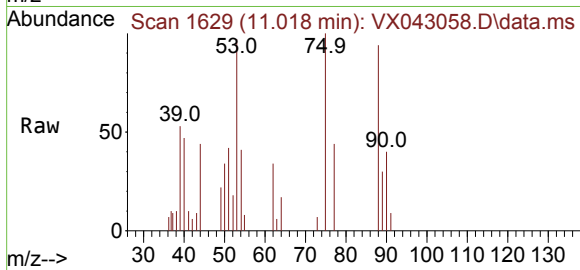




#81
trans-1,4-Dichloro-2-butene
Concen: 2.013 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

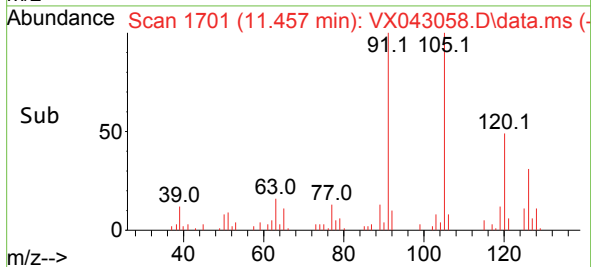
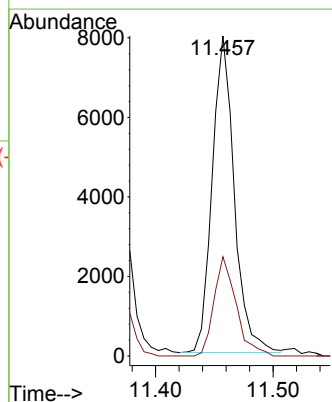
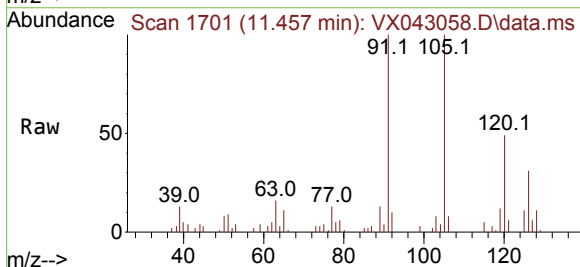
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

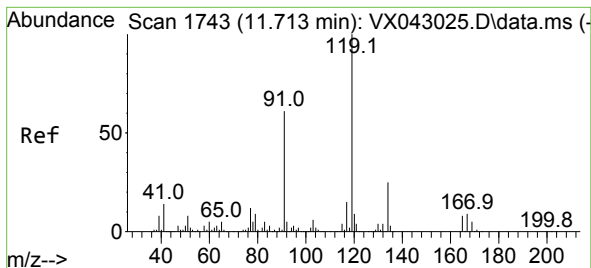
Tgt Ion: 75 Resp: 1462
Ion Ratio Lower Upper
75 100
53 93.4 90.5 135.7
89 36.5 36.9 55.3#



#82
4-Chlorotoluene
Concen: 2.493 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 91 Resp: 10391
Ion Ratio Lower Upper
91 100
126 31.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.680 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

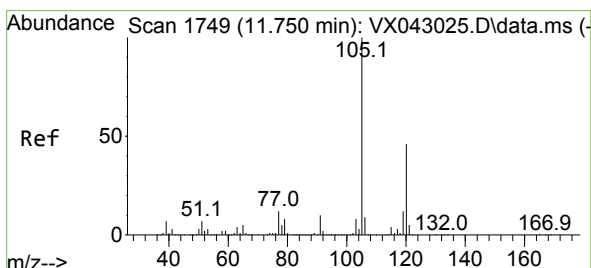
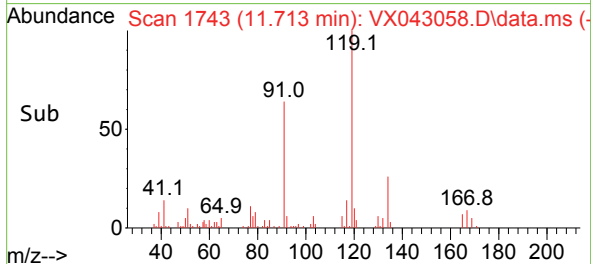
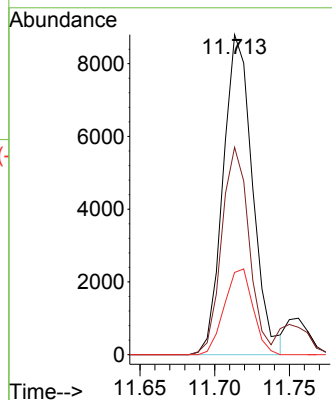
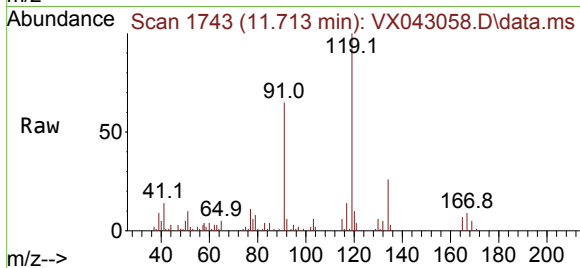
Tgt Ion:119 Resp: 12050

Ion Ratio Lower Upper

119 100

91 60.6 31.2 93.6

134 26.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.641 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043058.D

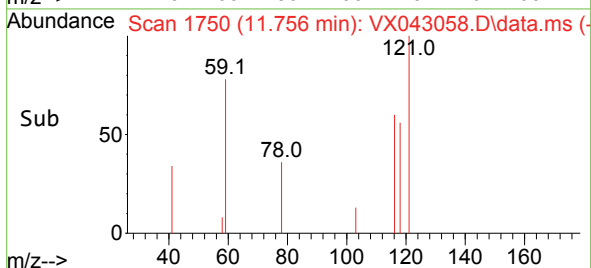
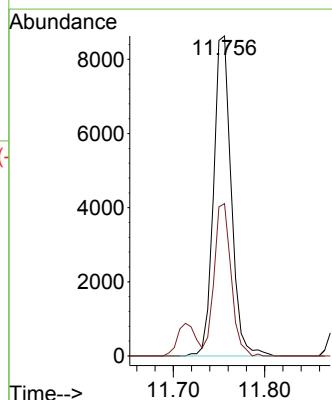
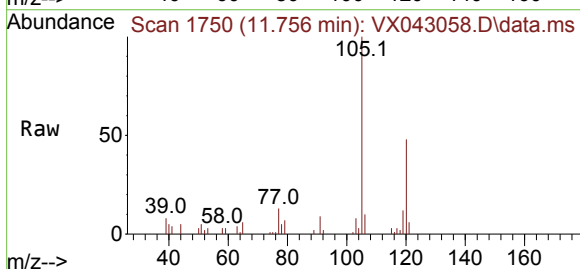
Acq: 15 Aug 2024 17:21

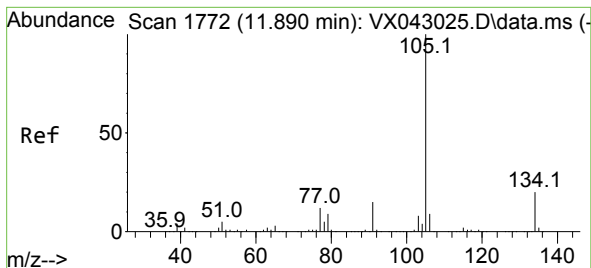
Tgt Ion:105 Resp: 11574

Ion Ratio Lower Upper

105 100

120 45.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.546 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

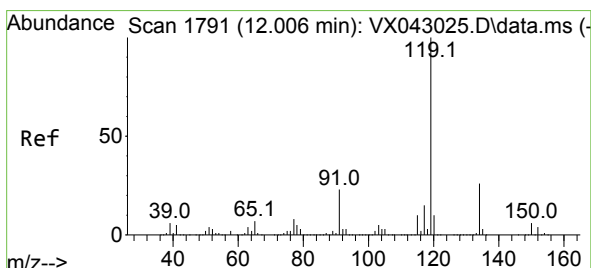
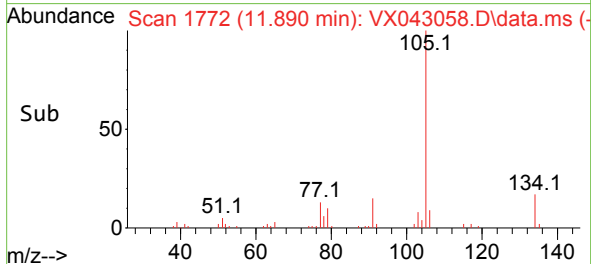
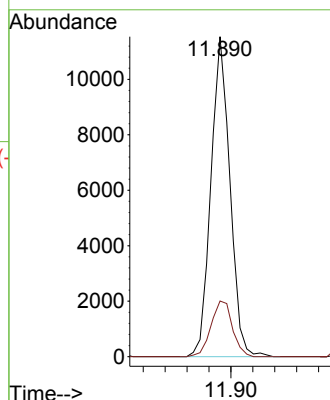
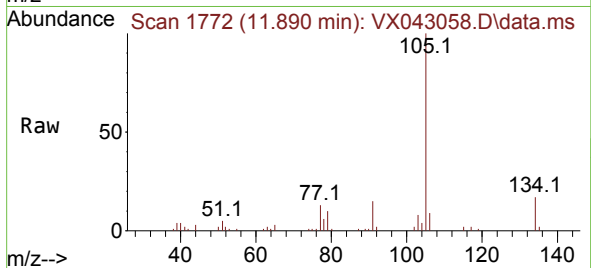
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 13894

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.560 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

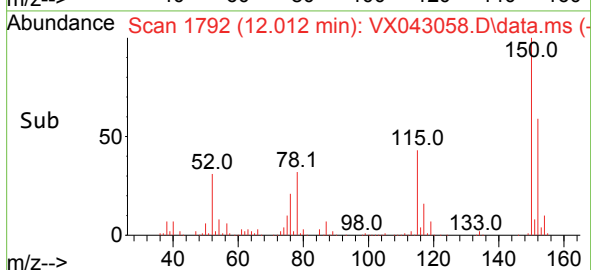
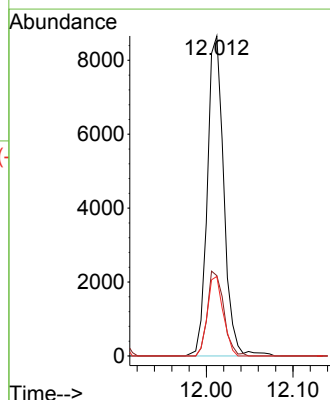
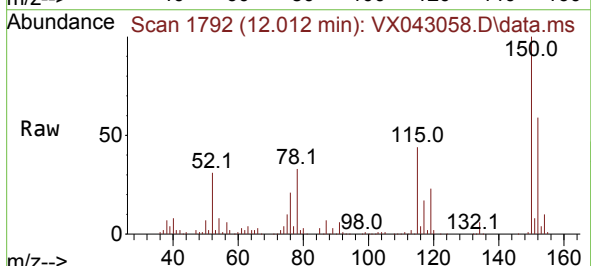
Tgt Ion:119 Resp: 11417

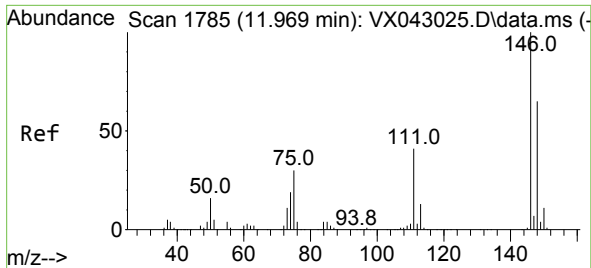
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

91 23.9 13.1 39.3

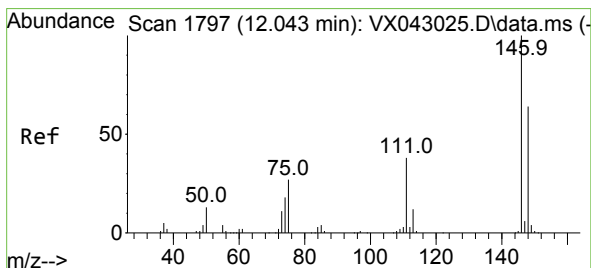
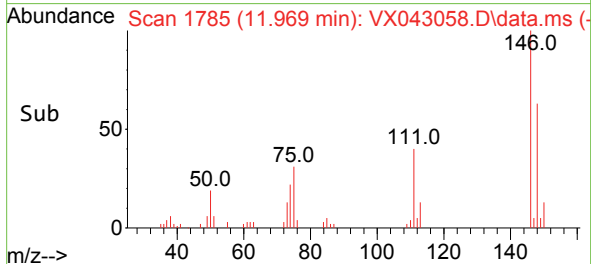
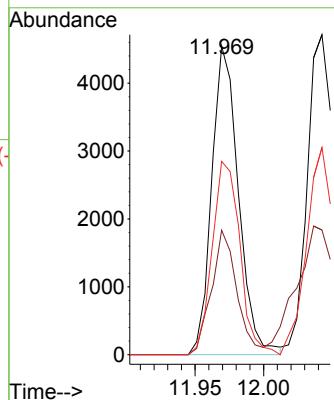
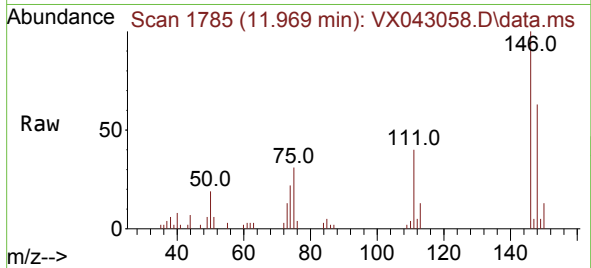




#87
1,3-Dichlorobenzene
Concen: 2.703 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

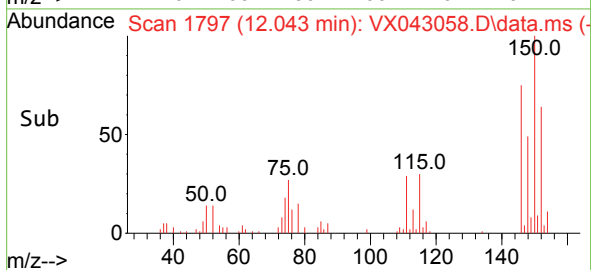
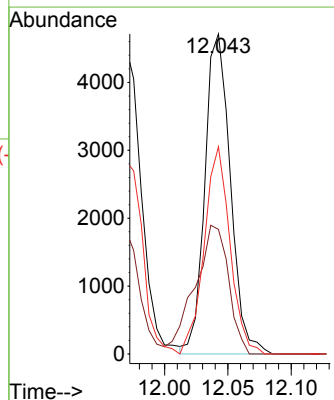
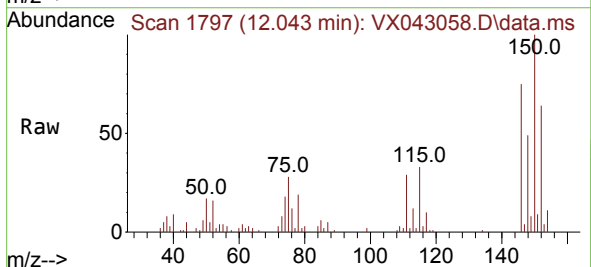
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

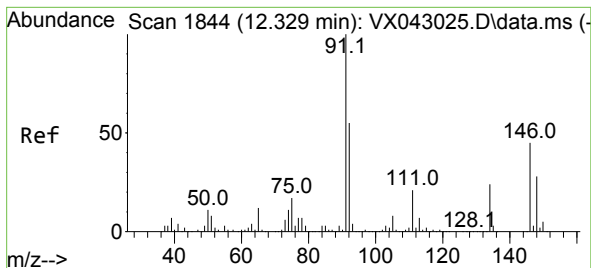
Tgt Ion:146 Resp: 6158
Ion Ratio Lower Upper
146 100
111 38.5 22.1 66.1
148 64.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 2.841 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:146 Resp: 6622
Ion Ratio Lower Upper
146 100
111 53.0 21.3 63.7
148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 2.186 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

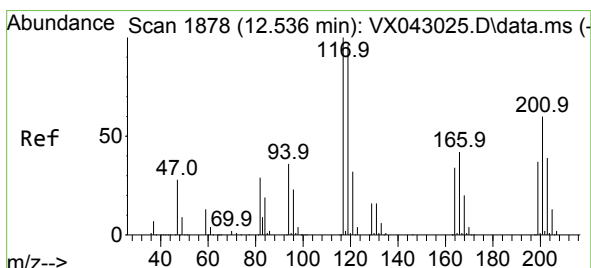
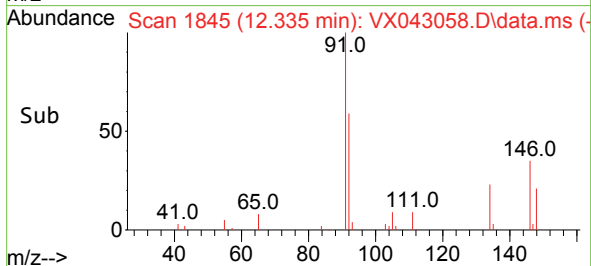
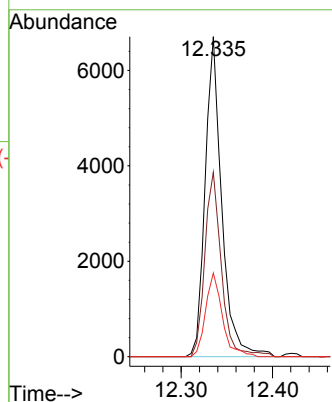
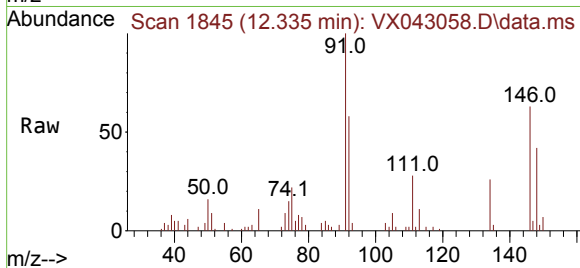
Tgt Ion: 91 Resp: 8438

Ion Ratio Lower Upper

91 100

92 57.7 27.4 82.0

134 26.4 12.6 37.8



#90

Hexachloroethane

Concen: 2.553 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043058.D

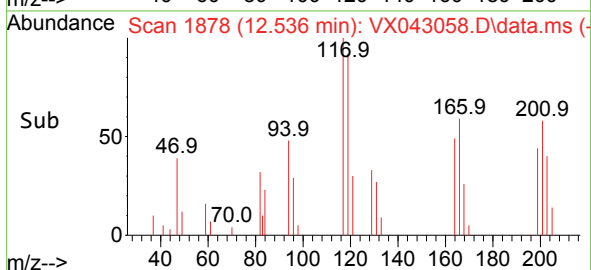
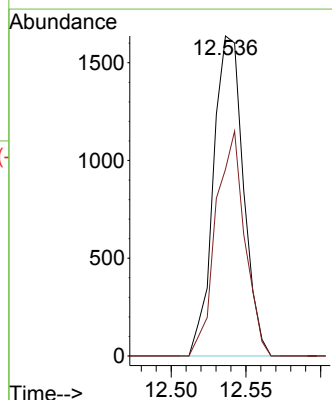
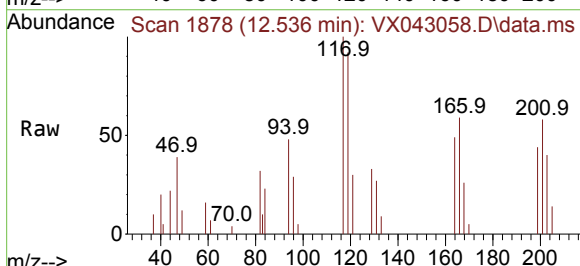
Acq: 15 Aug 2024 17:21

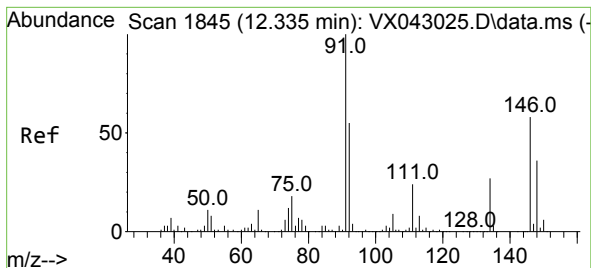
Tgt Ion: 117 Resp: 2286

Ion Ratio Lower Upper

117 100

201 67.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 2.649 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

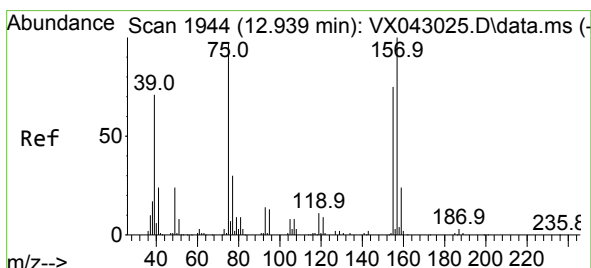
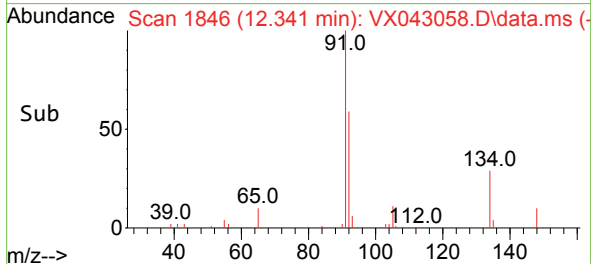
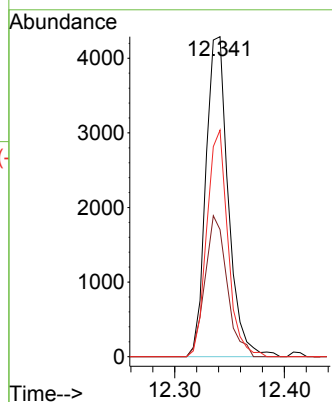
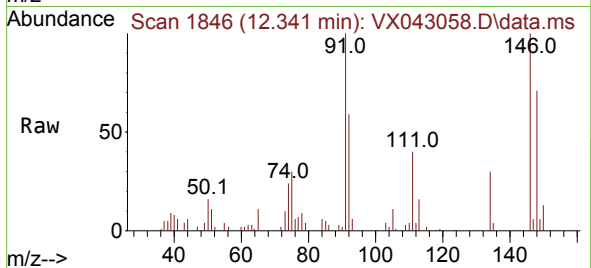
Tgt Ion:146 Resp: 6085

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 66.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.599 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

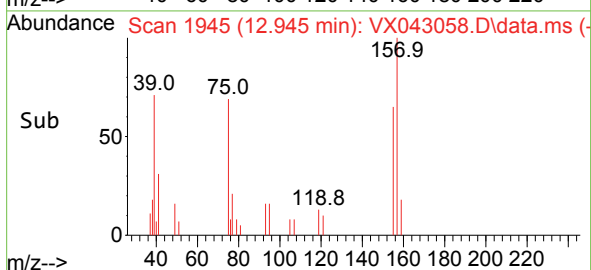
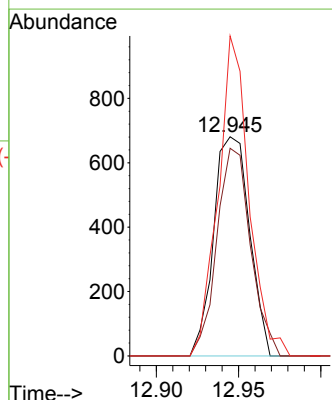
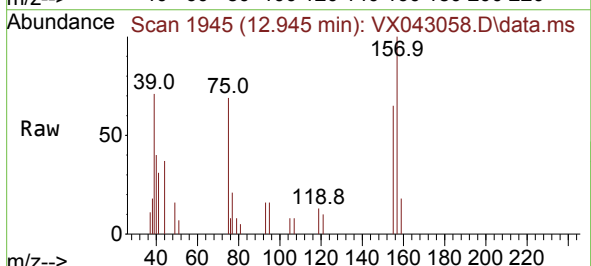
Tgt Ion: 75 Resp: 1032

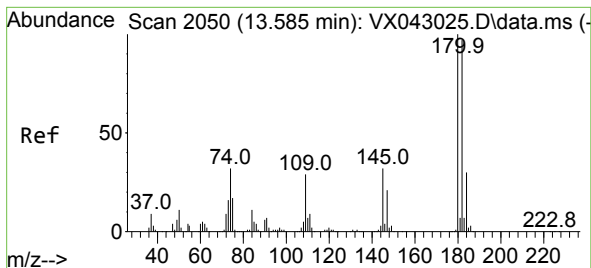
Ion Ratio Lower Upper

75 100

155 89.2 36.1 108.5

157 125.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.305 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

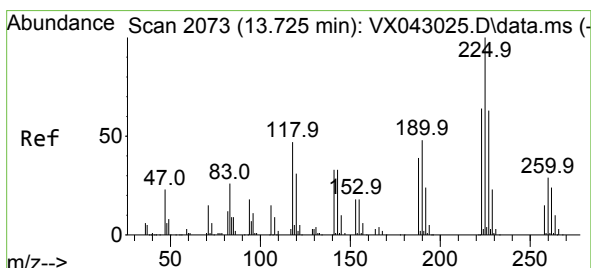
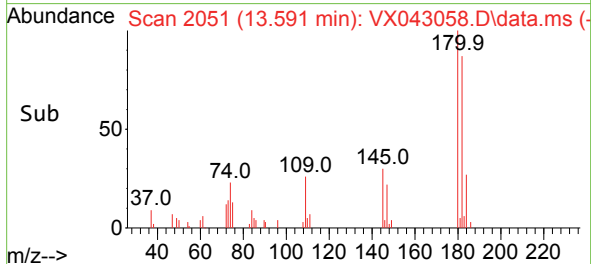
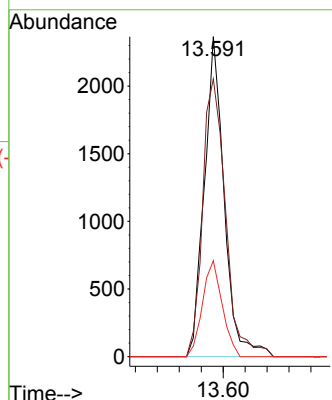
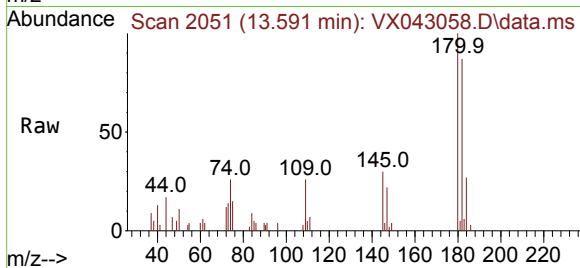
Tgt Ion:180 Resp: 2980

Ion Ratio Lower Upper

180 100

182 99.8 48.3 144.8

145 29.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 2.734 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

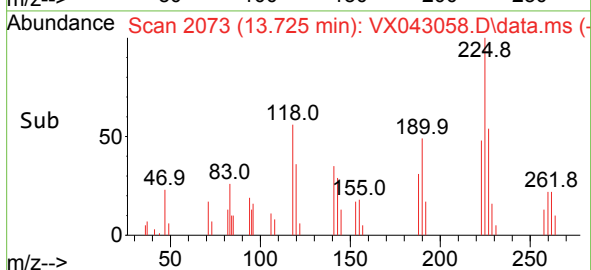
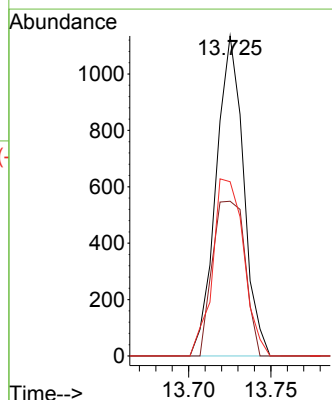
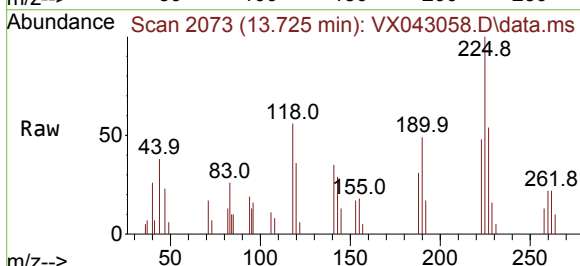
Tgt Ion:225 Resp: 1319

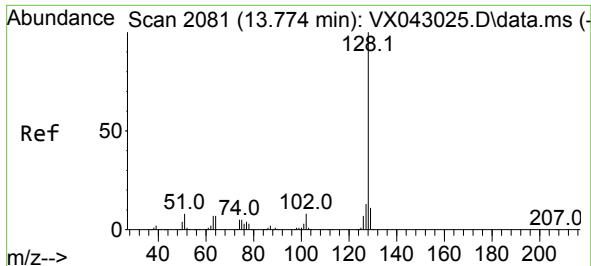
Ion Ratio Lower Upper

225 100

223 57.3 31.1 93.2

227 62.8 32.5 97.5

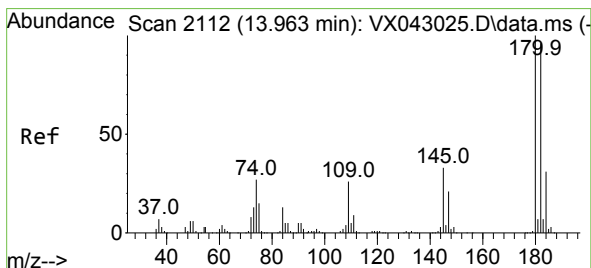
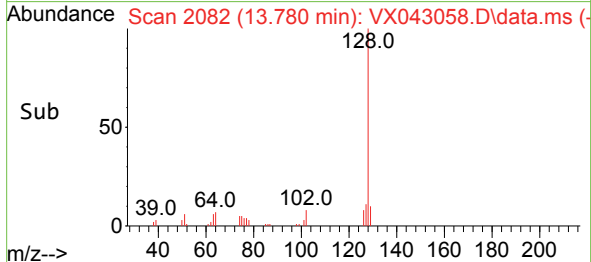
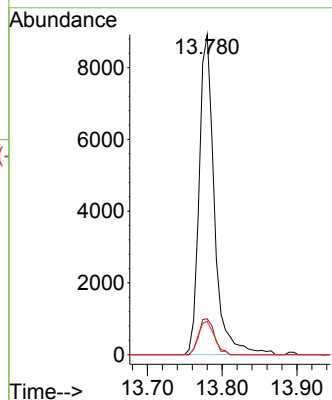
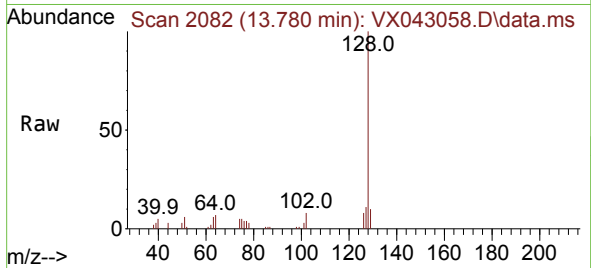




#95
Naphthalene
Concen: 2.475 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

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

Tgt Ion:128	Resp:	12635
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.3 15.5
129	10.8	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.480 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:180	Resp:	3279
Ion Ratio	Lower	Upper
180	100	
182	93.4	46.9 140.6
145	30.3	17.8 53.5

