

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043055.D
 Acq On : 15 Aug 2024 16:10
 Operator : JC/MD
 Sample : P3390-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 16 02:12:13 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	111639	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	199981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78758	53.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	5.385	113	65674	53.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	8.647	98	241694	50.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.079	95	82364	47.564	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	173	0.153	ug/l	# 41
3) Chloromethane	1.301	50	388	0.232	ug/l	91
4) Vinyl Chloride	1.374	62	181	0.108	ug/l	94
5) Bromomethane	1.599	94	341	0.671	ug/l	# 61
6) Chloroethane	1.672	64	130	0.246	ug/l	# 1
7) Trichlorofluoromethane	1.874	101	300	0.171	ug/l	# 81
8) Diethyl Ether	2.130	74	145	0.179	ug/l	# 1
9) 1,1,2-Trichlorotrifluo...	2.307	101	189	0.151	ug/l	# 35
10) Methyl Iodide	2.441	142	183	0.137	ug/l	# 46
11) Tert butyl alcohol	2.941	59	4853	12.822	ug/l	# 88
12) 1,1-Dichloroethene	2.307	96	199	0.148	ug/l	84
13) Acrolein	2.239	56	521	1.362	ug/l	# 14
14) Allyl chloride	2.666	41	743	0.294	ug/l	# 75
15) Acrylonitrile	3.093	53	591	0.630	ug/l	# 92
16) Acetone	2.392	43	832	1.144	ug/l	97
17) Carbon Disulfide	2.495	76	684	0.177	ug/l	# 76
18) Methyl Acetate	2.709	43	845	0.351	ug/l	# 53
19) Methyl tert-butyl Ether	3.123	73	674	0.149	ug/l	# 39
20) Methylene Chloride	2.782	84	1102	0.655	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	131	0.093	ug/l	# 82
22) Diisopropyl ether	3.764	45	689	0.134	ug/l	# 12
23) Vinyl Acetate	3.739	43	3513	0.585	ug/l	# 91
24) 1,1-Dichloroethane	3.617	63	359	0.138	ug/l	# 83
25) 2-Butanone	4.562	43	107	0.084	ug/l	# 51
26) 2,2-Dichloropropane	4.465	77	207	0.100	ug/l	# 54
27) cis-1,2-Dichloroethene	4.495	96	170	0.100	ug/l	# 58
29) Tetrahydrofuran	5.044	42	449	0.508	ug/l	# 60
30) Chloroform	5.093	83	408	0.163	ug/l	# 56
31) Cyclohexane	5.446	56	146	0.060	ug/l	# 18
32) 1,1,1-Trichloroethane	5.373	97	201	0.096	ug/l	# 23
36) 1,1-Dichloropropene	5.684	75	273	0.159	ug/l	# 42
37) Ethyl Acetate	4.739	43	294	0.121	ug/l	# 69
38) Carbon Tetrachloride	5.544	117	11536	6.638	ug/l	# 15
39) Methylcyclohexane	7.379	83	299	0.126	ug/l	90
40) Benzene	6.038	78	742	0.127	ug/l	# 88
41) Methacrylonitrile	4.916	41	32	0.025	ug/l	# 1

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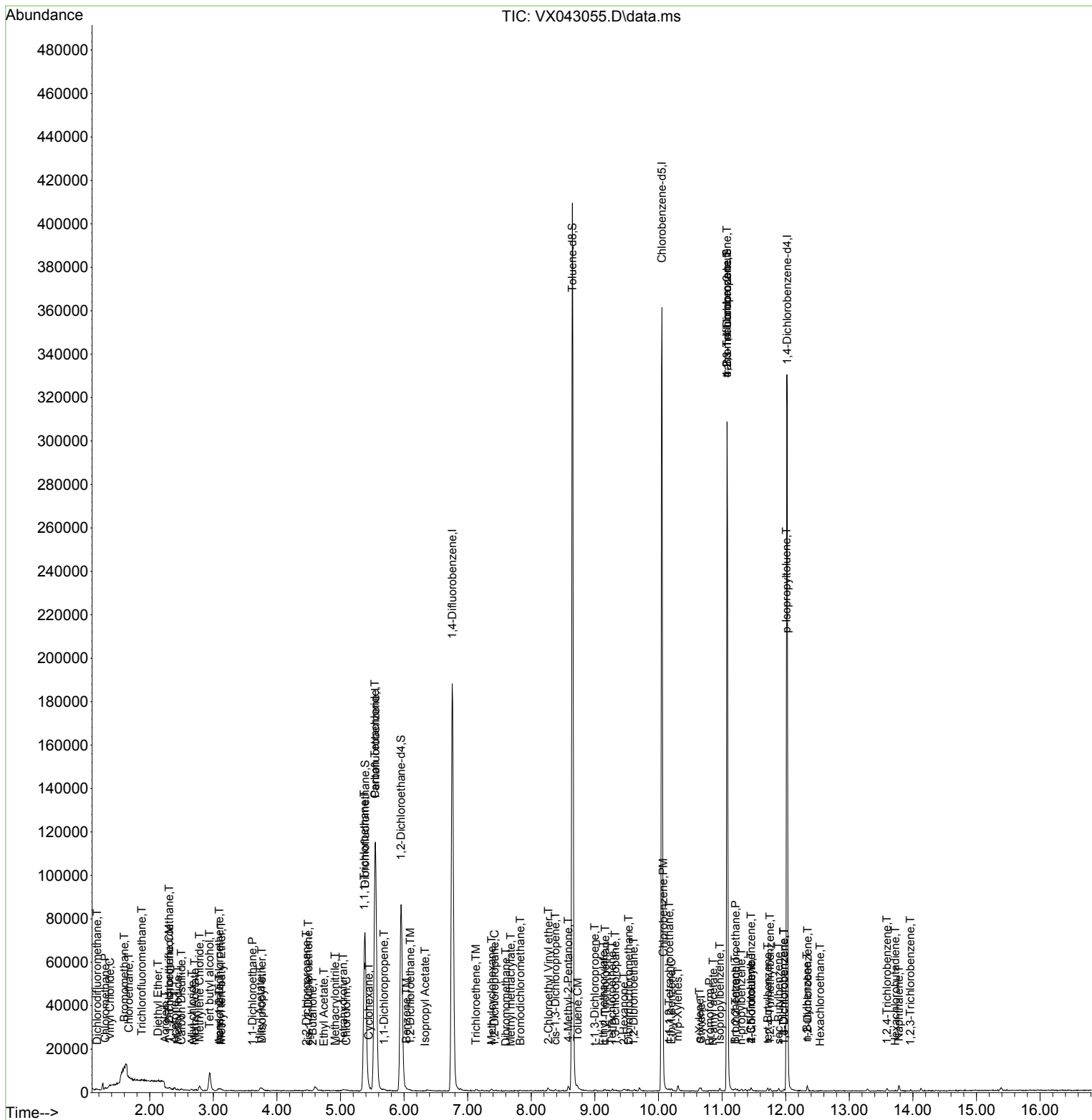
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

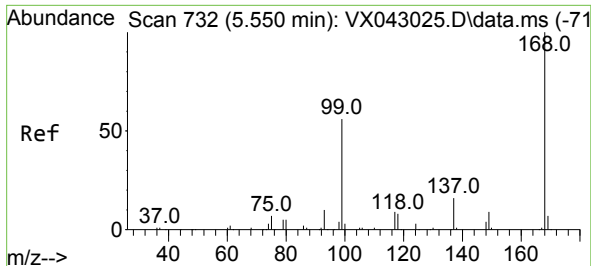
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.099	62	332	0.195	ug/l #	77
43) Isopropyl Acetate	6.330	43	155	0.040	ug/l #	62
44) Trichloroethene	7.129	130	269	0.203	ug/l	70
45) 1,2-Dichloropropane	7.421	63	94	0.065	ug/l #	44
46) Dibromomethane	7.598	93	135	0.137	ug/l #	19
47) Bromodichloromethane	7.830	83	254	0.133	ug/l #	83
48) Methyl methacrylate	7.678	41	77	0.044	ug/l #	50
51) 4-Methyl-2-Pentanone	8.580	43	1815	0.731	ug/l	92
52) Toluene	8.726	92	646	0.183	ug/l	98
53) t-1,3-Dichloropropene	9.000	75	249	0.119	ug/l #	43
54) cis-1,3-Dichloropropene	8.379	75	290	0.126	ug/l #	75
55) 1,1,2-Trichloroethane	9.165	97	242	0.174	ug/l #	58
56) Ethyl methacrylate	9.135	69	119	0.047	ug/l #	1
57) 1,3-Dichloropropane	9.324	76	251	0.107	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.269	63	767	0.650	ug/l #	74
59) 2-Hexanone	9.458	43	574	0.301	ug/l	72
60) Dibromochloromethane	9.531	129	246	0.168	ug/l	76
61) 1,2-Dibromoethane	9.610	107	196	0.140	ug/l #	77
64) Tetrachloroethene	9.269	164	173	0.161	ug/l #	31
65) Chlorobenzene	10.073	112	499	0.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.171	131	267	0.220	ug/l #	44
67) Ethyl Benzene	10.201	91	872	0.140	ug/l #	86
68) m/p-Xylenes	10.305	106	808	0.336	ug/l	93
69) o-Xylene	10.646	106	456	0.189	ug/l	89
70) Styrene	10.671	104	741	0.183	ug/l #	82
71) Bromoform	10.805	173	225	0.224	ug/l #	29
73) Isopropylbenzene	10.964	105	754	0.141	ug/l	86
74) N-amyl acetate	10.860	43	260	0.085	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	11.213	83	243	0.118	ug/l #	92
76) 1,2,3-Trichloropropane	11.079	75	40808	25.354	ug/l #	39
77) Bromobenzene	11.207	156	94	0.073	ug/l #	1
78) n-propylbenzene	11.305	91	764	0.125	ug/l	90
79) 2-Chlorotoluene	11.457	91	614	0.162	ug/l	76
80) 1,3,5-Trimethylbenzene	11.457	105	712	0.161	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	40808	55.303	ug/l #	5
82) 4-Chlorotoluene	11.457	91	614	0.145	ug/l	82
83) tert-Butylbenzene	11.719	119	625	0.137	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	750	0.168	ug/l	95
85) sec-Butylbenzene	11.890	105	722	0.130	ug/l	89
86) p-Isopropyltoluene	12.012	119	592	0.131	ug/l #	58
87) 1,3-Dichlorobenzene	11.969	146	435	0.188	ug/l	87
88) 1,4-Dichlorobenzene	11.969	146	435	0.184	ug/l	88
89) n-Butylbenzene	12.335	91	400	0.102	ug/l #	88
90) Hexachloroethane	12.542	117	97	0.107	ug/l #	46
91) 1,2-Dichlorobenzene	12.347	146	687	0.294	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	467	0.356	ug/l	78
94) Hexachlorobutadiene	13.725	225	77	0.157	ug/l #	18
95) Naphthalene	13.780	128	2259	0.436	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	141	0.105	ug/l #	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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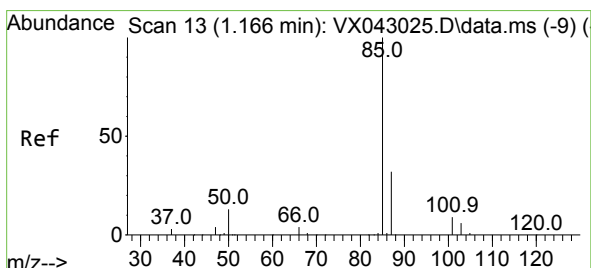
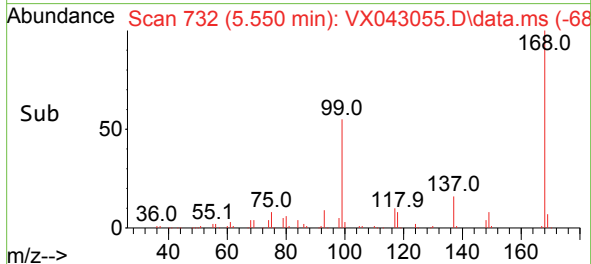
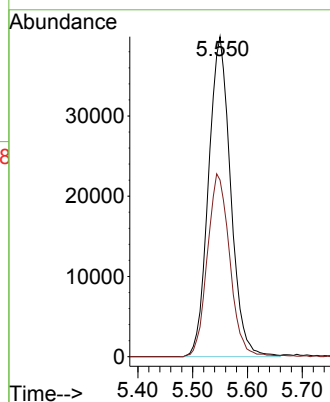
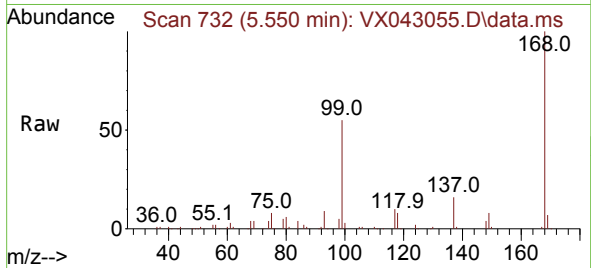




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

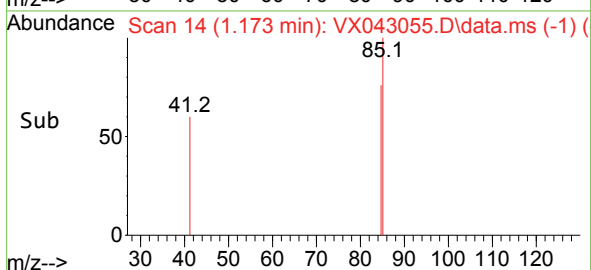
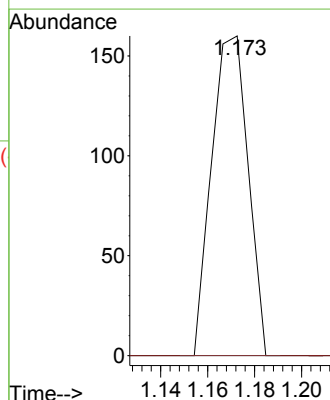
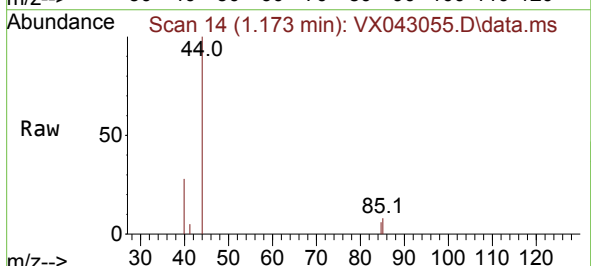
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

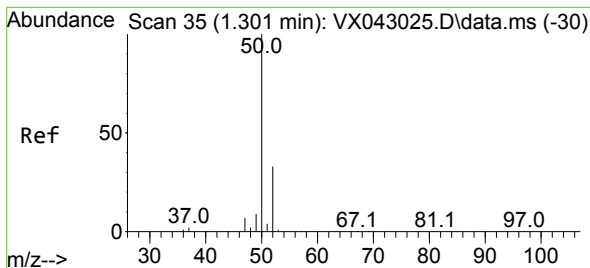
Tgt Ion:168 Resp: 111639
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.153 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 85 Resp: 173
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

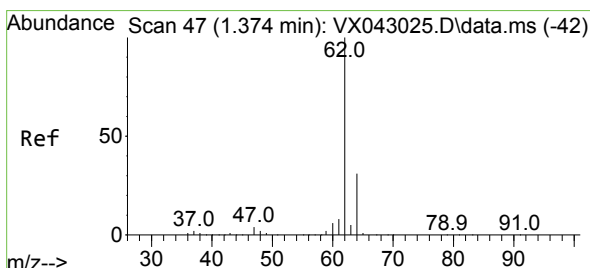
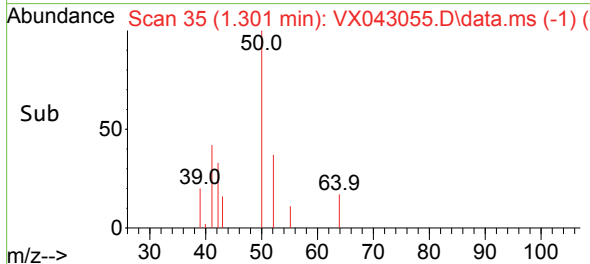
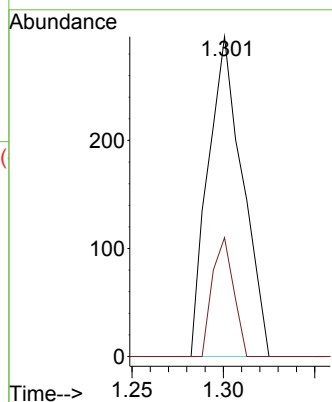
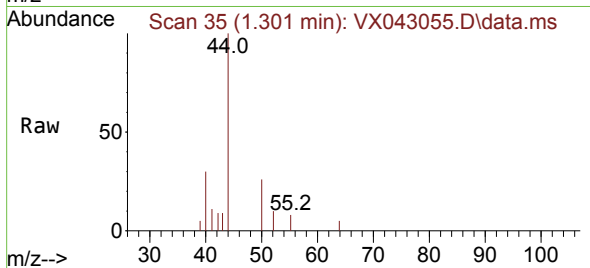
MDL-WATER-03-QT3-2024

Tgt Ion: 50 Resp: 388

Ion Ratio Lower Upper

50 100

52 37.2 25.5 38.3



#4

Vinyl Chloride

Concen: 0.108 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043055.D

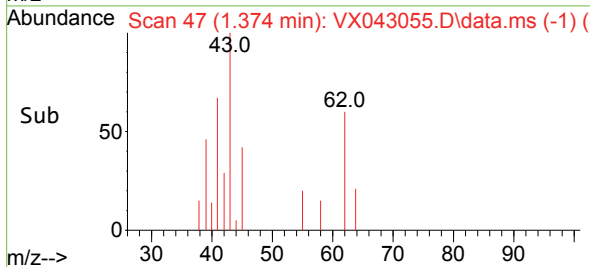
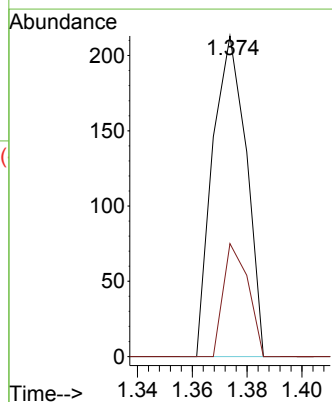
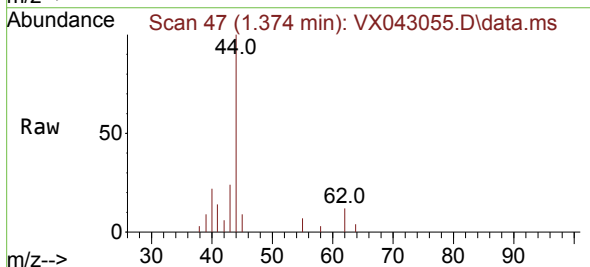
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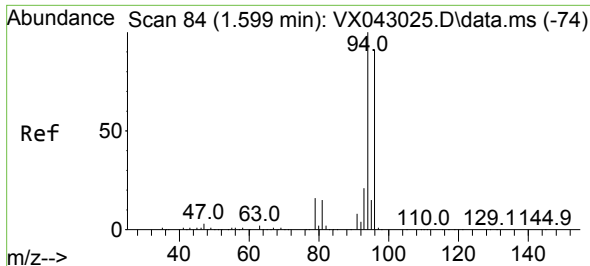
Tgt Ion: 62 Resp: 181

Ion Ratio Lower Upper

62 100

64 35.2 25.4 38.0

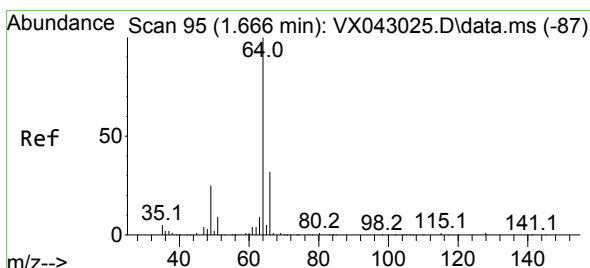
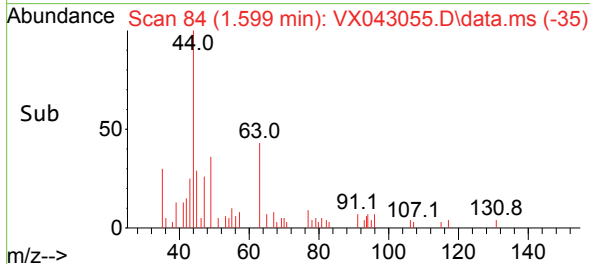
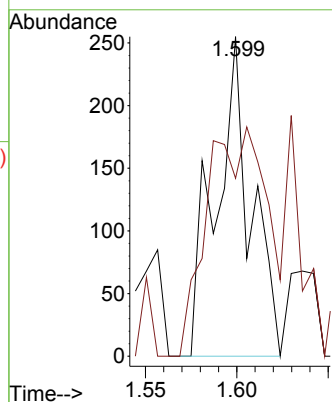
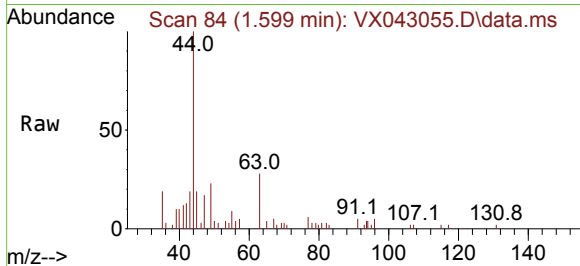




#5
Bromomethane
Concen: 0.671 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

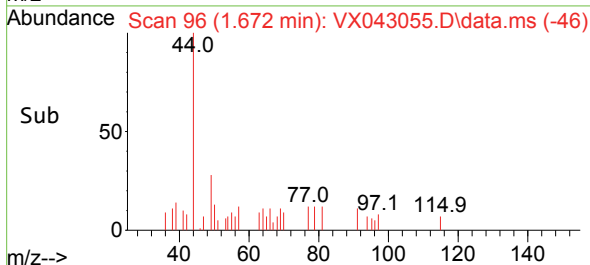
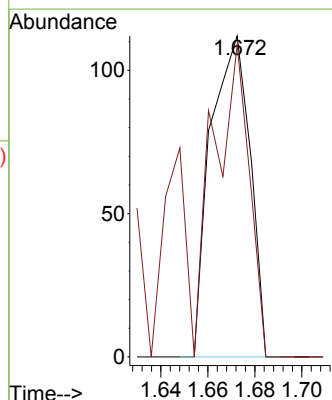
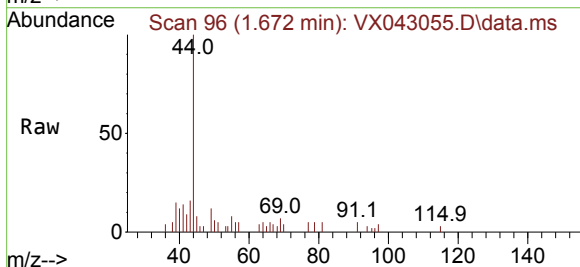
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2024

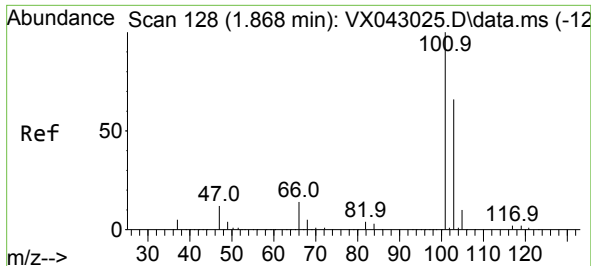
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 55.7 74.6 111.8#



#6
Chloroethane
Concen: 0.246 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 97.3 25.1 37.7#

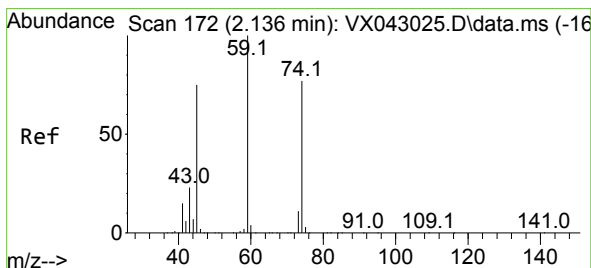
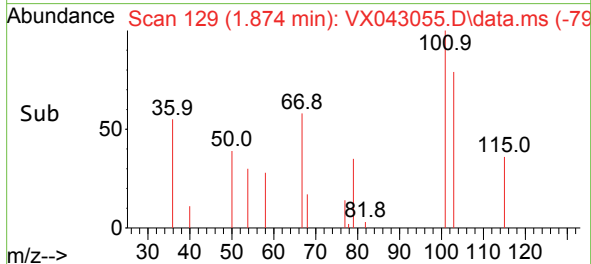
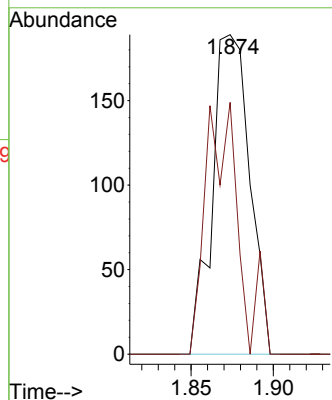
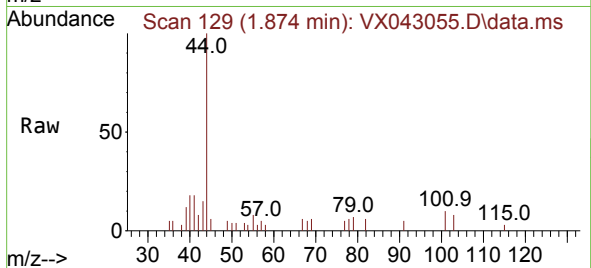




#7
Trichlorofluoromethane
Concen: 0.171 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

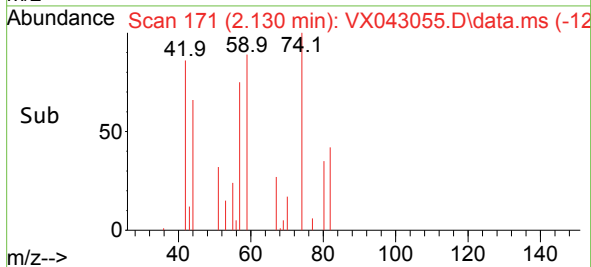
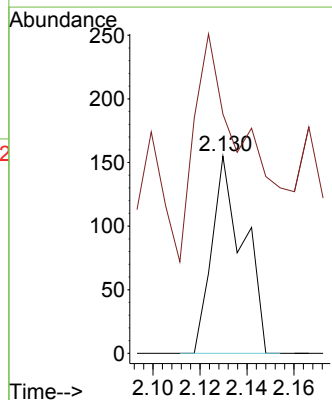
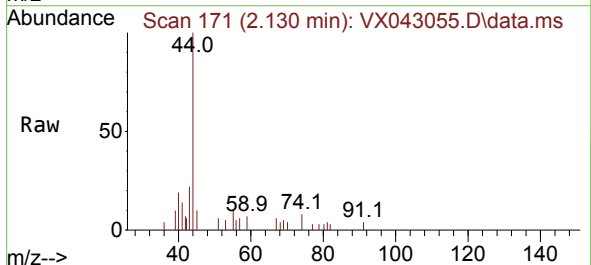
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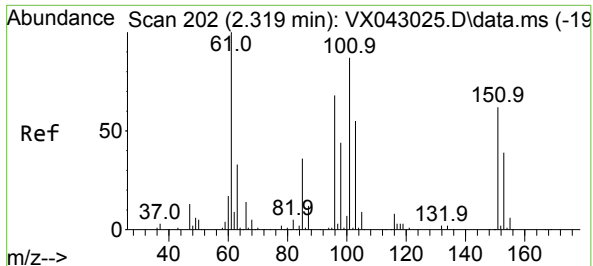
Tgt Ion:101 Resp: 300
Ion Ratio Lower Upper
101 100
103 78.8 51.4 77.2#



#8
Diethyl Ether
Concen: 0.179 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 74 Resp: 145
Ion Ratio Lower Upper
74 100
45 264.8 53.3 159.8#

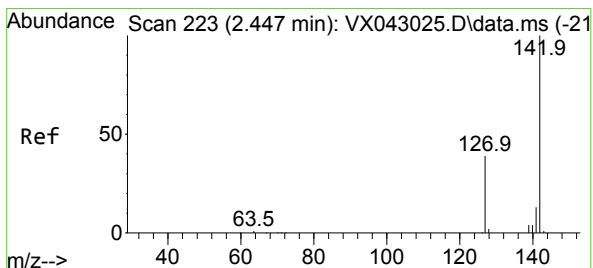
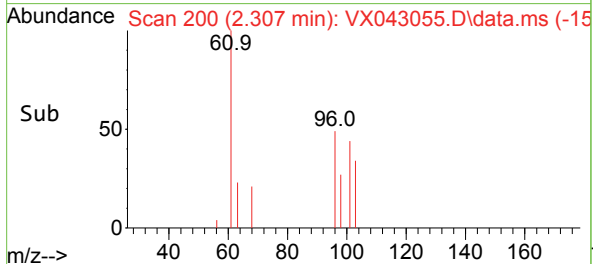
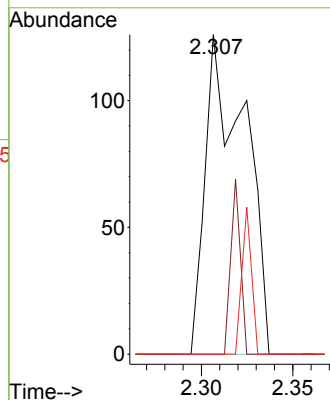
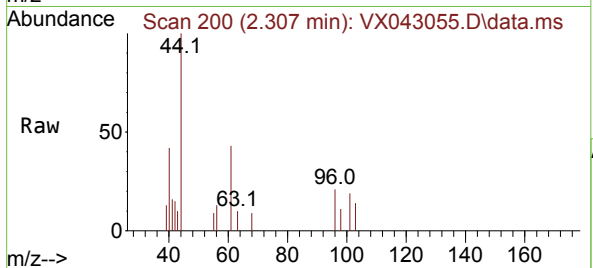




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.151 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

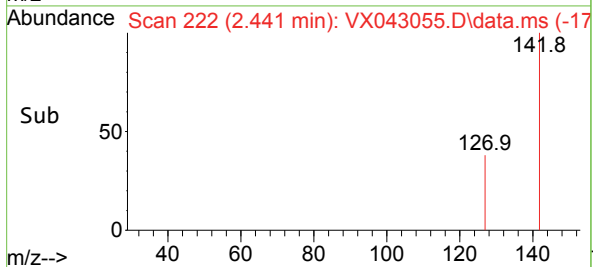
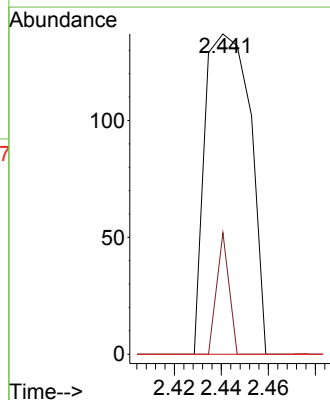
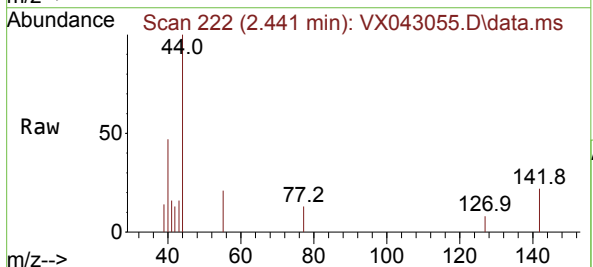
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ClientSampleId :
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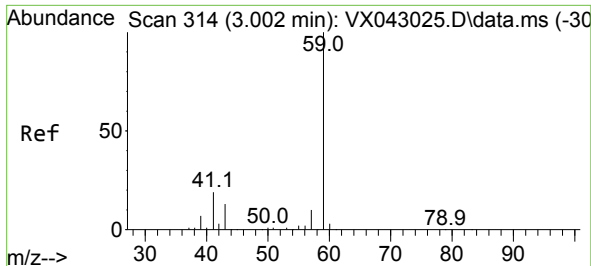
Tgt Ion:101 Resp: 189
Ion Ratio Lower Upper
101 100
85 13.2 37.0 55.6#
151 11.1 58.6 87.8#



#10
Methyl Iodide
Concen: 0.137 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 10.4 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 12.822 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

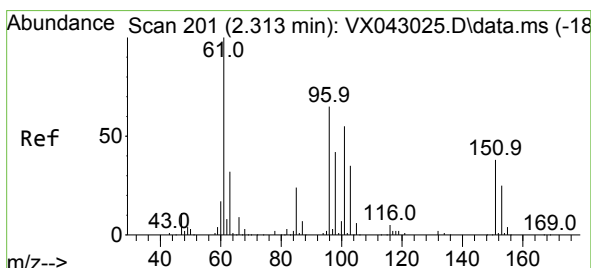
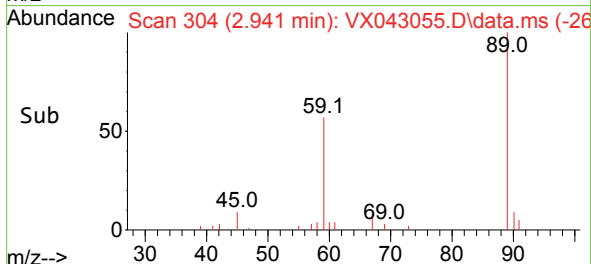
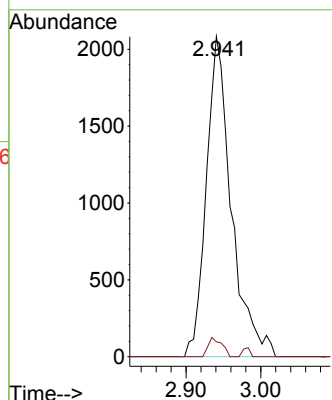
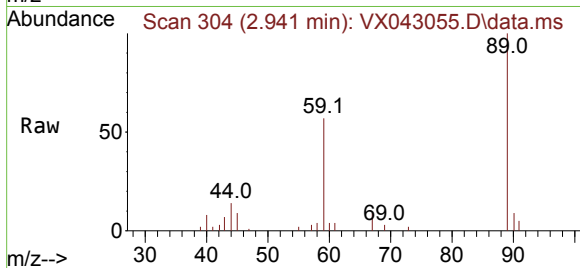
MDL-WATER-03-QT3-2024

Tgt Ion: 59 Resp: 4853

Ion Ratio Lower Upper

59 100

57 3.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.148 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

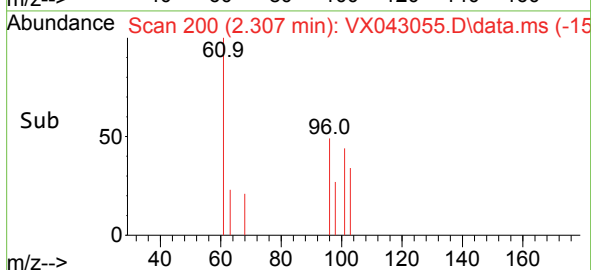
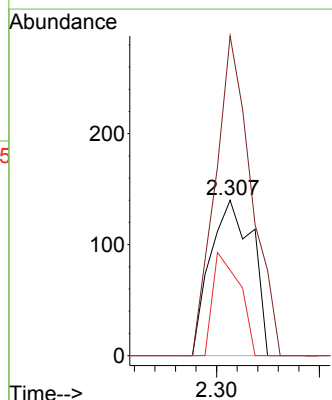
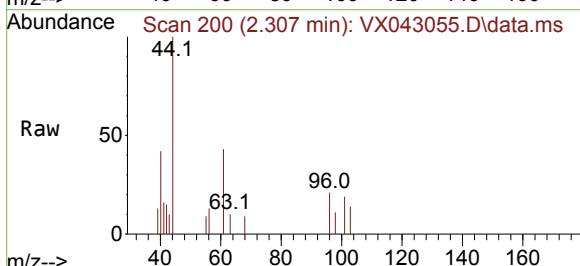
Tgt Ion: 96 Resp: 199

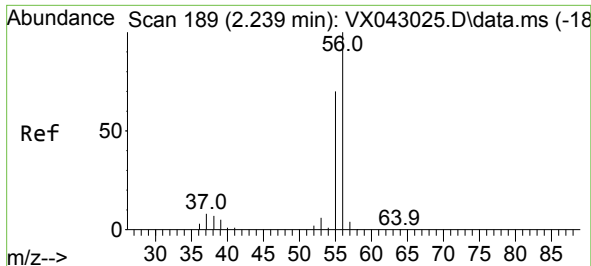
Ion Ratio Lower Upper

96 100

61 205.7 144.6 216.8

98 55.0 50.4 75.6





#13

Acrolein

Concen: 1.362 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

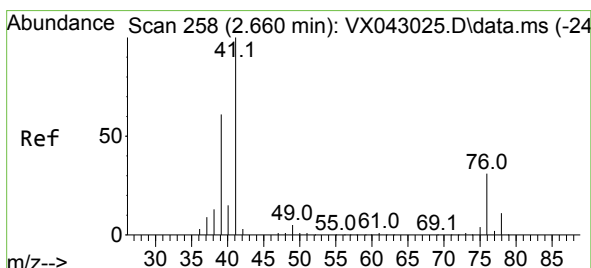
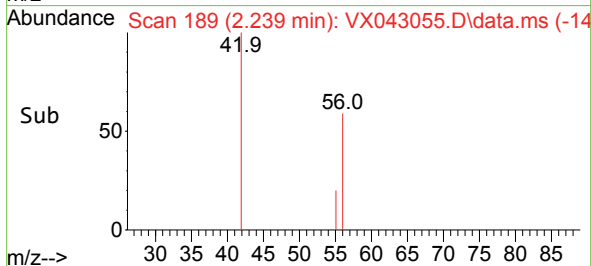
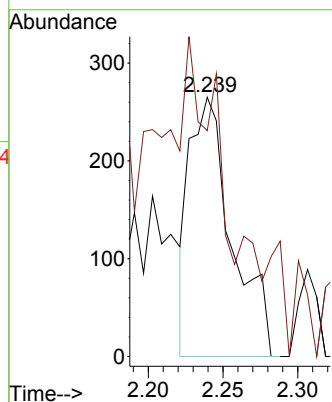
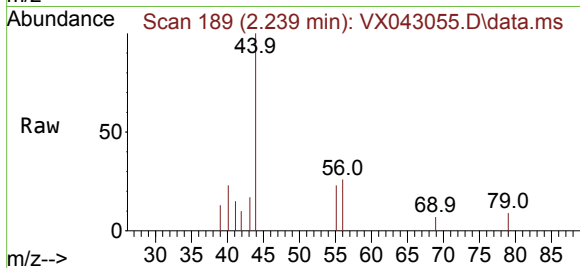
MDL-WATER-03-QT3-2024

Tgt Ion: 56 Resp: 521

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.294 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

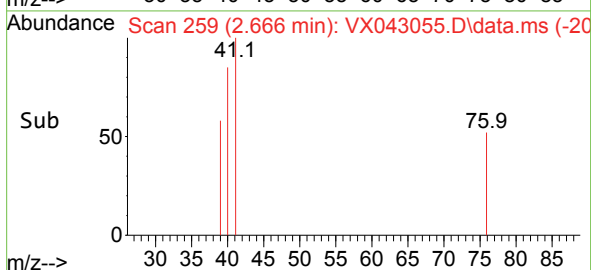
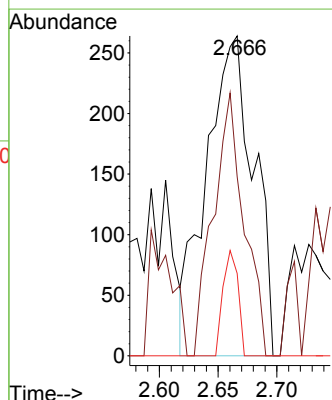
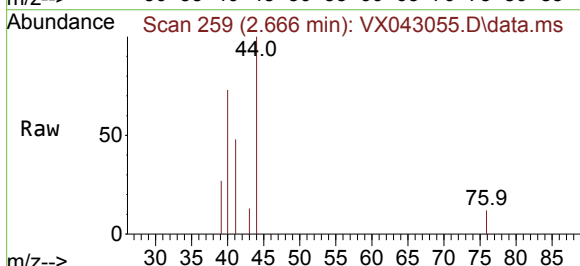
Tgt Ion: 41 Resp: 743

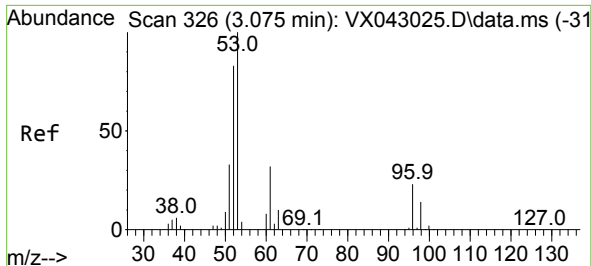
Ion Ratio Lower Upper

41 100

39 53.3 55.8 83.6#

76 10.5 24.3 36.5#

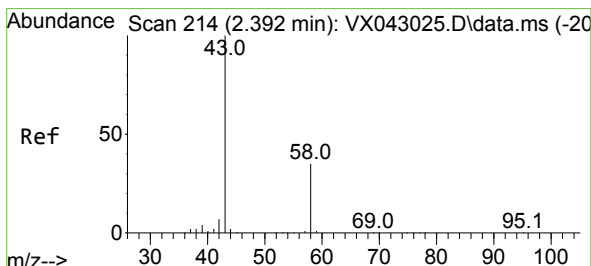
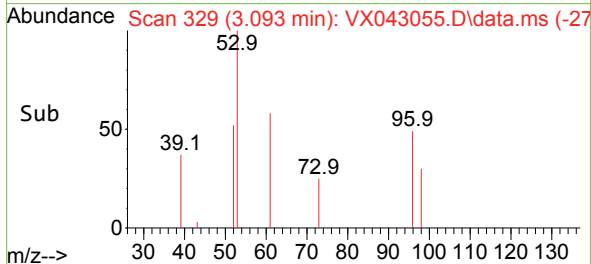
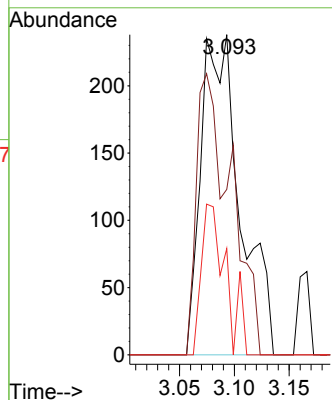
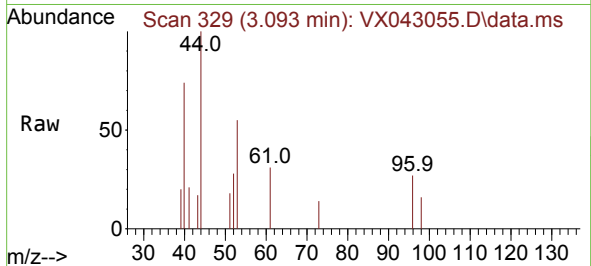




#15
Acrylonitrile
Concen: 0.630 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

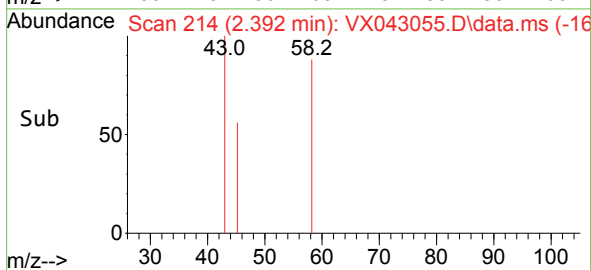
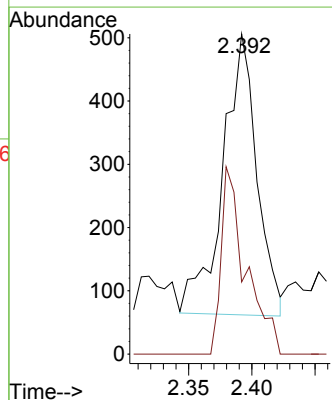
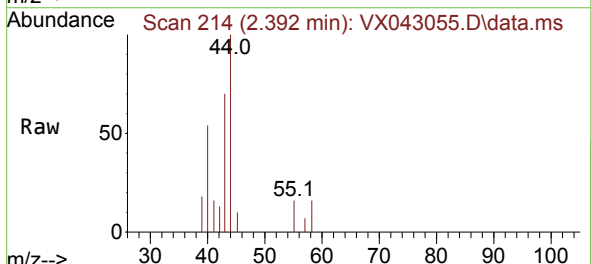
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

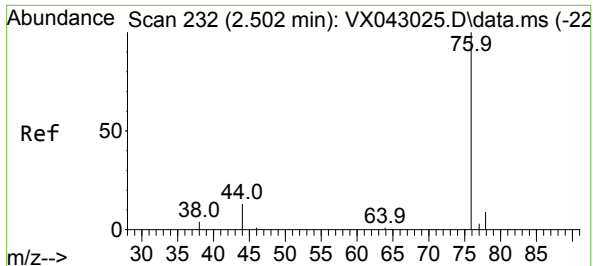
Tgt Ion: 53 Resp: 591
Ion Ratio Lower Upper
53 100
52 77.5 66.0 99.0
51 29.4 29.8 44.6#



#16
Acetone
Concen: 1.144 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9





#17

Carbon Disulfide

Concen: 0.177 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

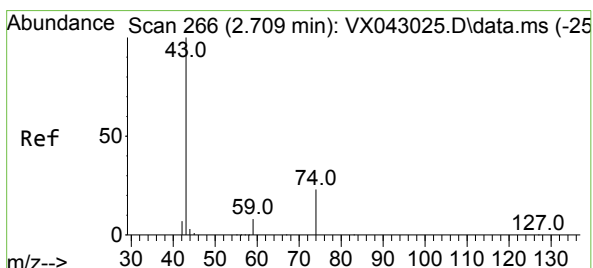
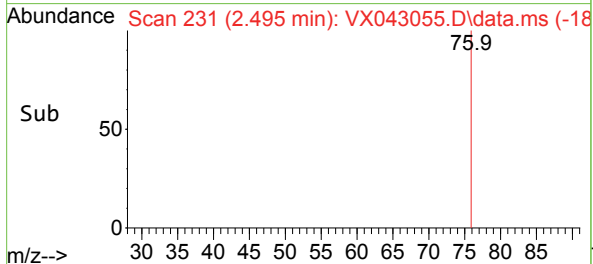
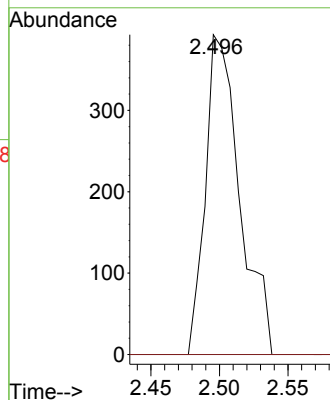
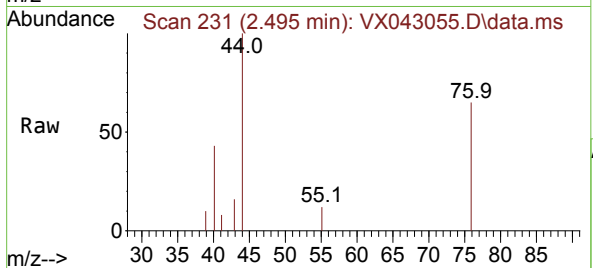
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 684

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.351 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX043055.D

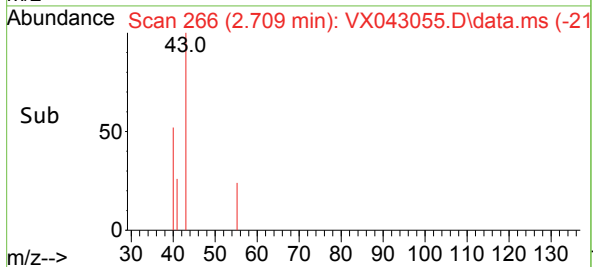
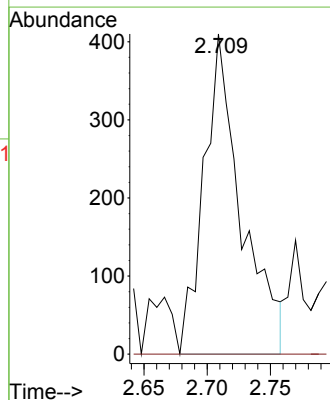
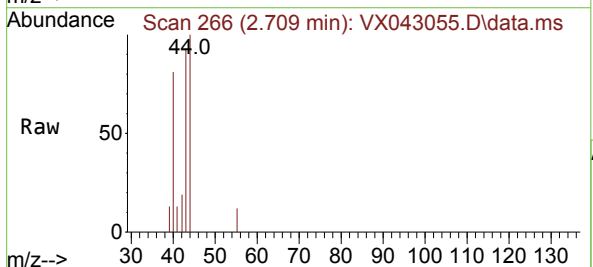
Acq: 15 Aug 2024 16:10

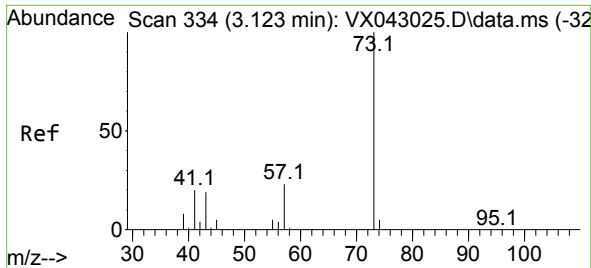
Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

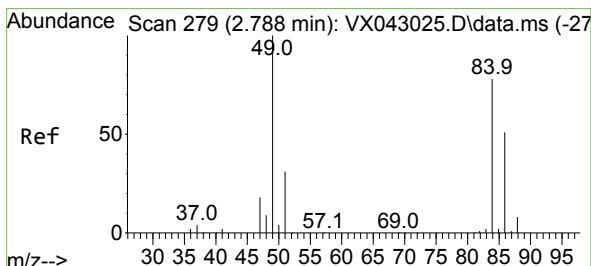
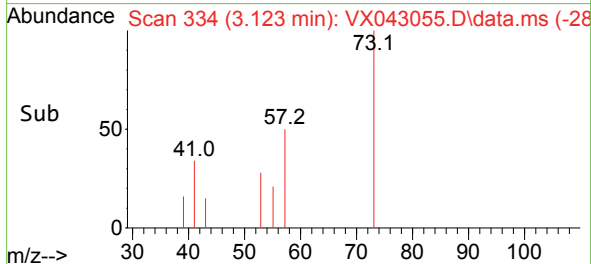
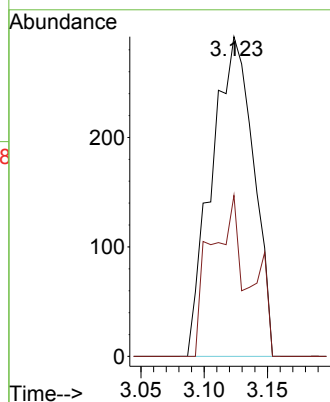
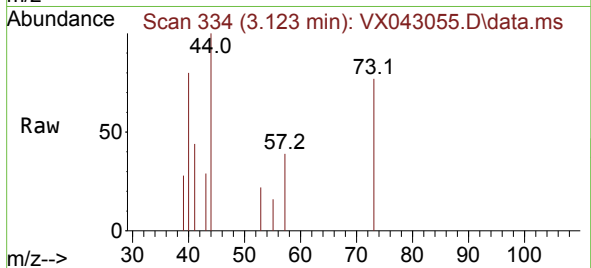




#19
Methyl tert-butyl Ether
Concen: 0.149 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

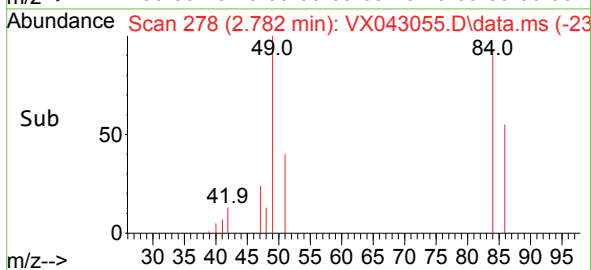
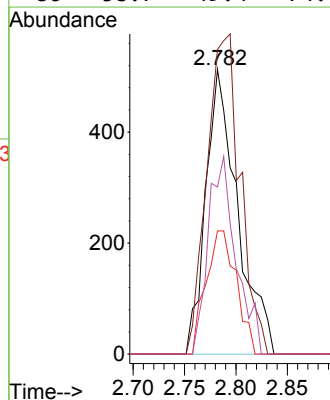
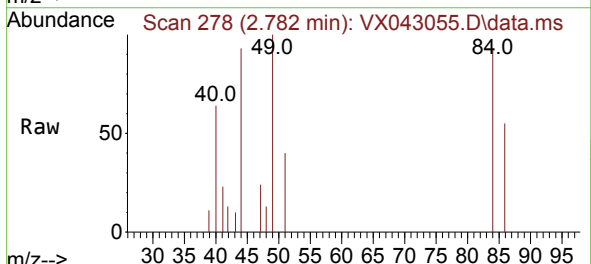
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

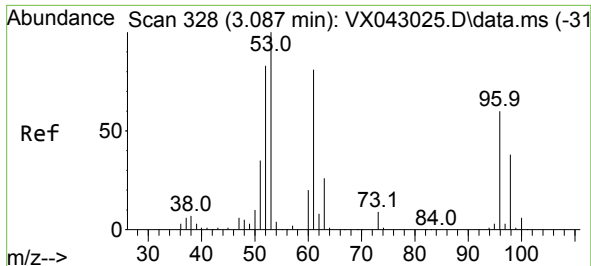
Tgt Ion: 73 Resp: 674
Ion Ratio Lower Upper
73 100
57 50.3 17.3 25.9#



#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 84 Resp: 1102
Ion Ratio Lower Upper
84 100
49 107.0 103.6 155.4
51 43.3 33.8 50.6
86 58.7 49.4 74.0

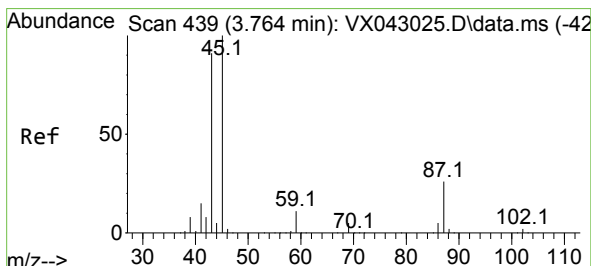
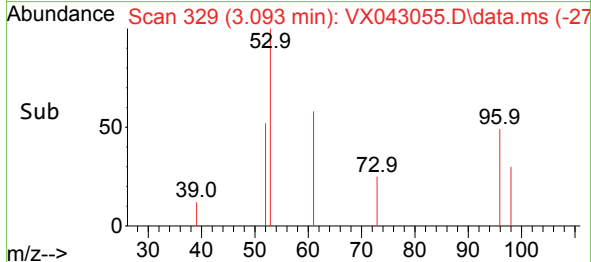
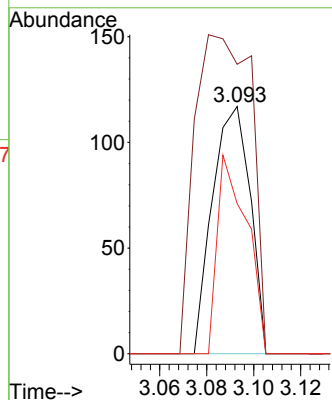
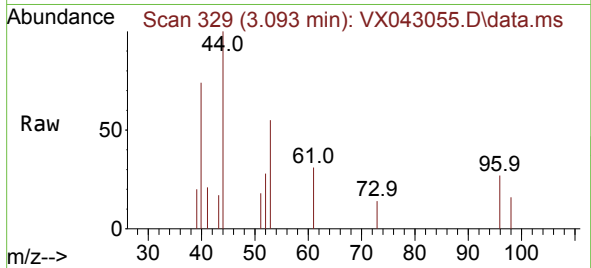




#21
trans-1,2-Dichloroethene
Concen: 0.093 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

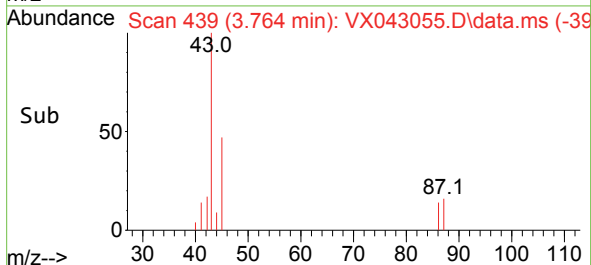
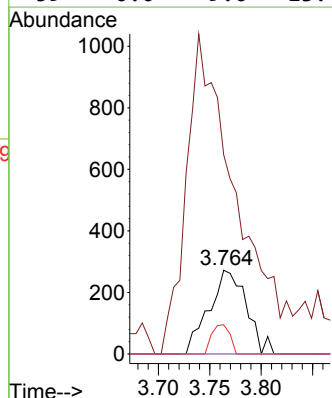
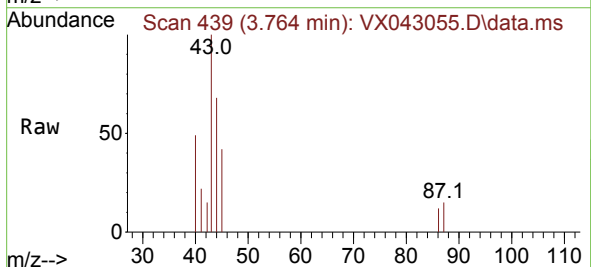
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

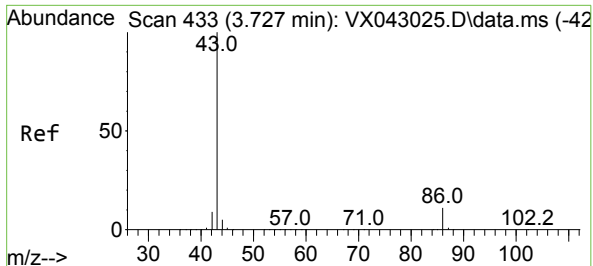
Tgt Ion: 96 Resp: 131
Ion Ratio Lower Upper
96 100
61 117.1 119.2 178.8#
98 60.7 48.7 73.1



#22
Diisopropyl ether
Concen: 0.134 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 45 Resp: 689
Ion Ratio Lower Upper
45 100
43 194.9 69.7 104.5#
87 34.9 20.8 31.2#
59 0.0 9.0 13.4#

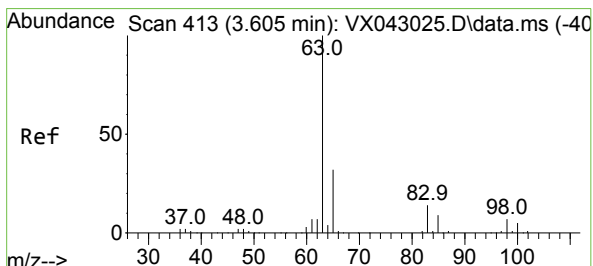
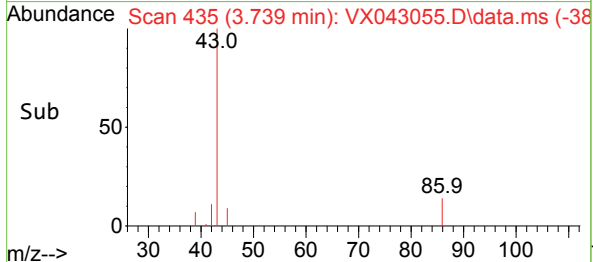
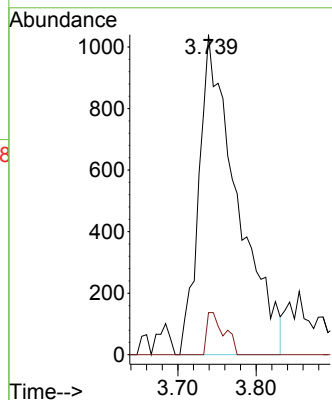
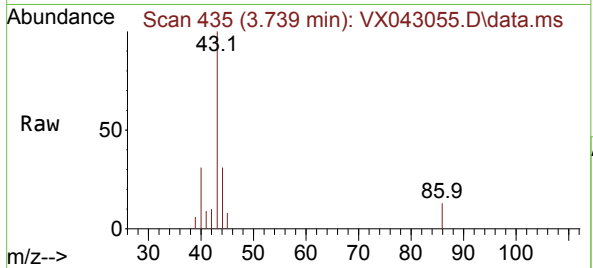




#23
 Vinyl Acetate
 Concen: 0.585 ug/l
 RT: 3.739 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

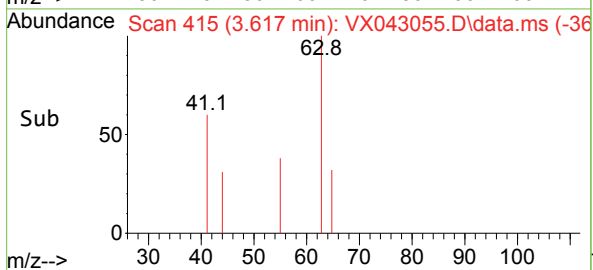
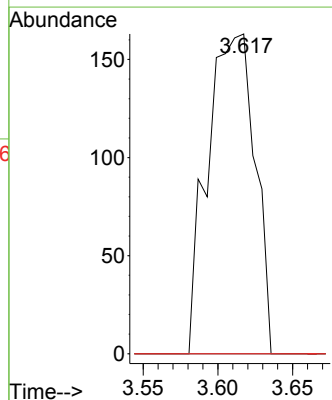
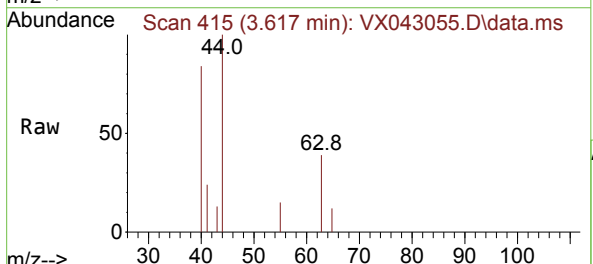
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

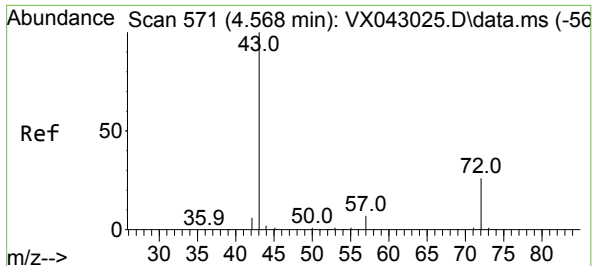
Tgt Ion: 43 Resp: 3513
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 0.138 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

Tgt Ion: 63 Resp: 359
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#

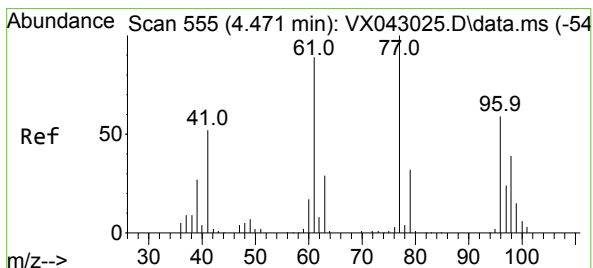
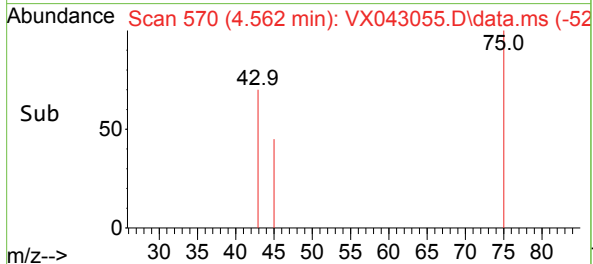
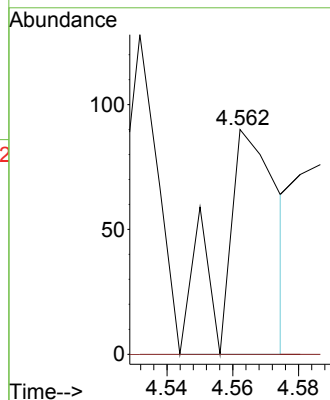
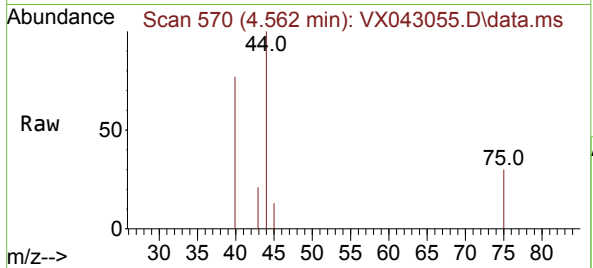




#25
2-Butanone
Concen: 0.084 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

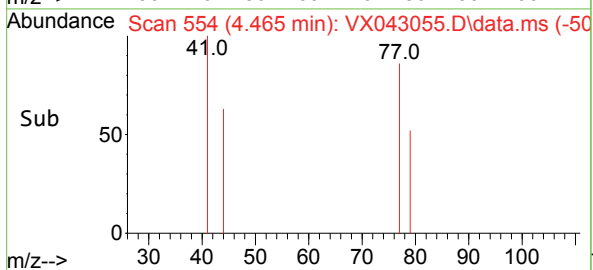
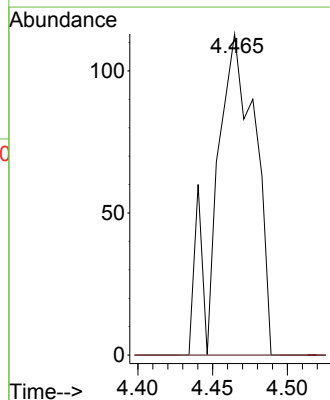
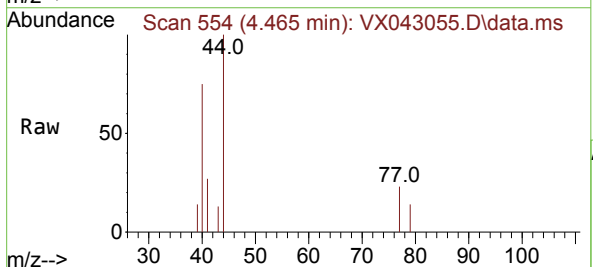
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

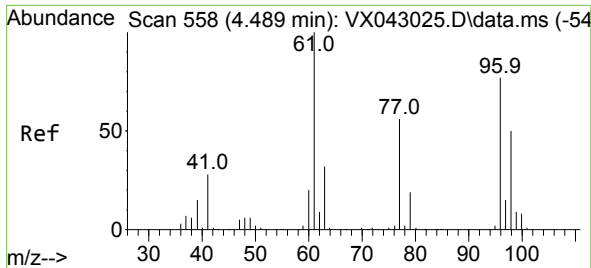
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.100 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 77 Resp: 207
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.100 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

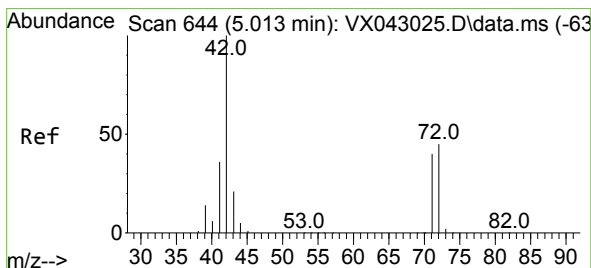
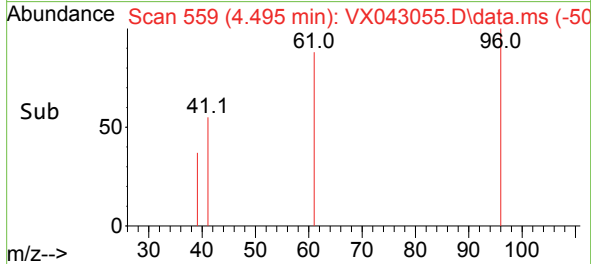
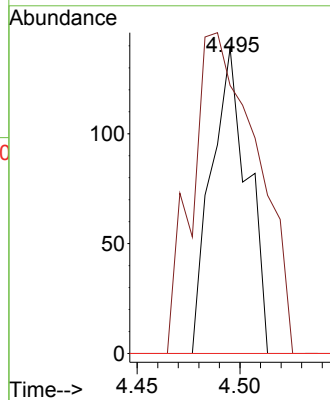
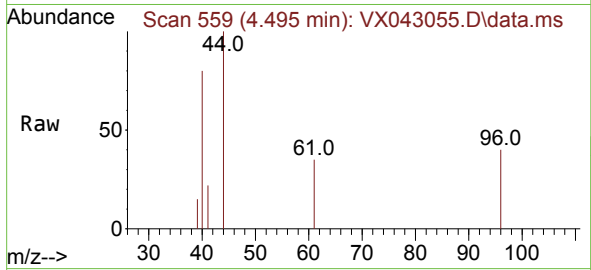
Tgt Ion: 96 Resp: 170

Ion Ratio Lower Upper

96 100

61 190.0 0.0 312.2

98 0.0 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.508 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.030 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

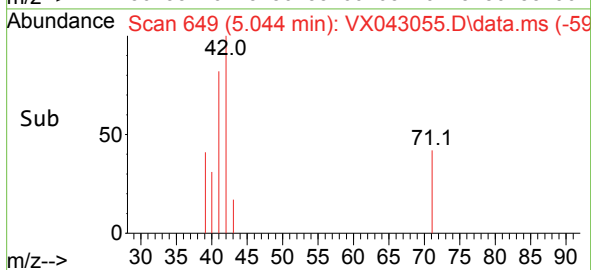
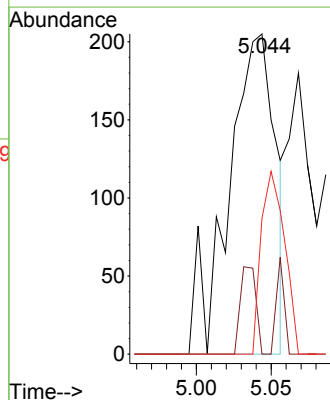
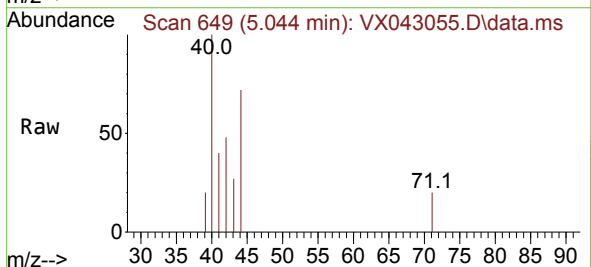
Tgt Ion: 42 Resp: 449

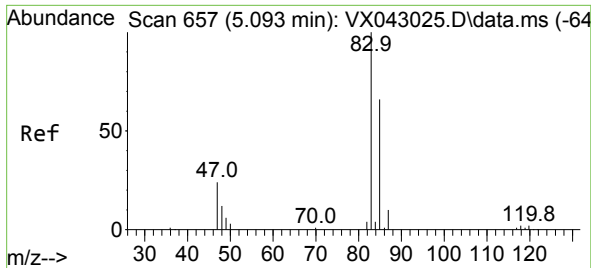
Ion Ratio Lower Upper

42 100

72 5.1 34.2 51.4#

71 28.3 32.2 48.2#





#30

Chloroform

Concen: 0.163 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

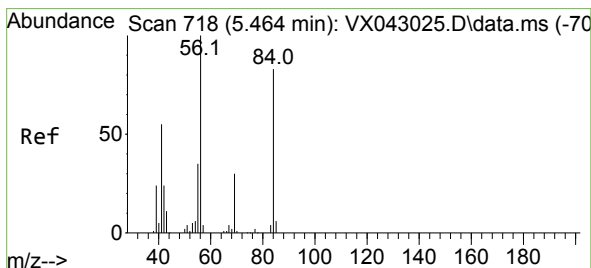
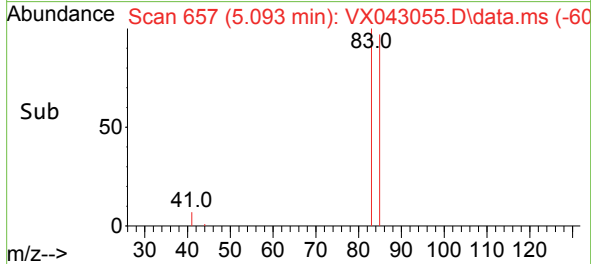
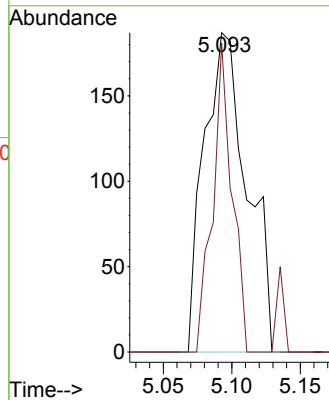
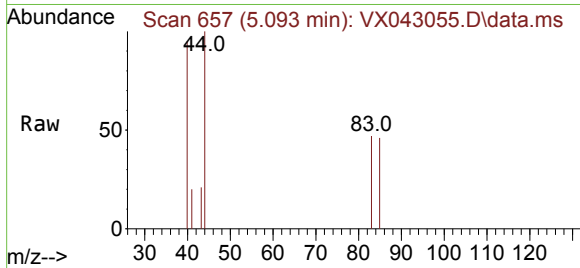
MDL-WATER-03-QT3-2024

Tgt Ion: 83 Resp: 408

Ion Ratio Lower Upper

83 100

85 96.8 50.3 75.5#



#31

Cyclohexane

Concen: 0.060 ug/l

RT: 5.446 min Scan# 715

Delta R.T. -0.018 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

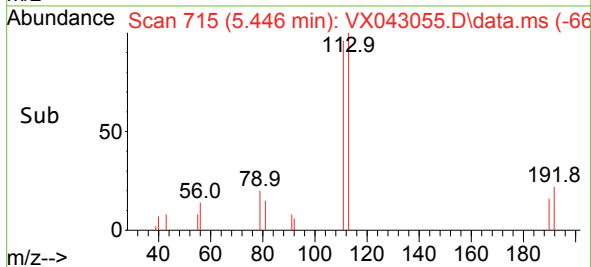
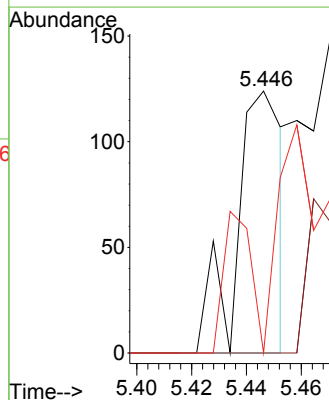
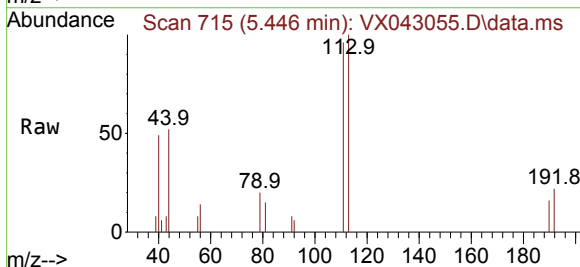
Tgt Ion: 56 Resp: 146

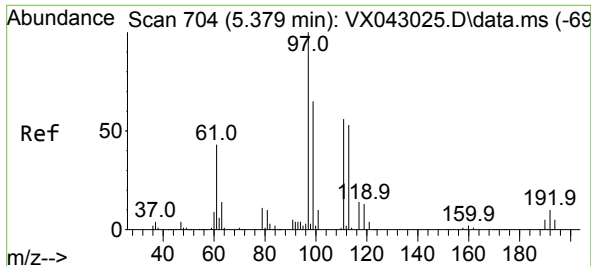
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 0.0 65.9 98.9#

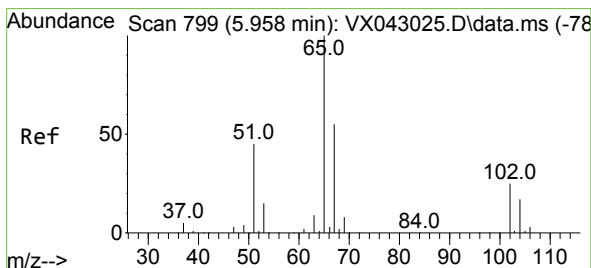
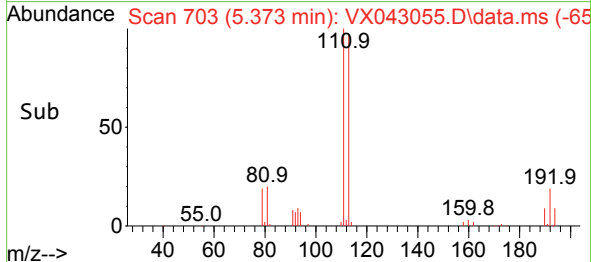
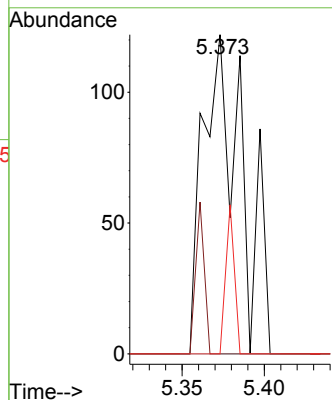
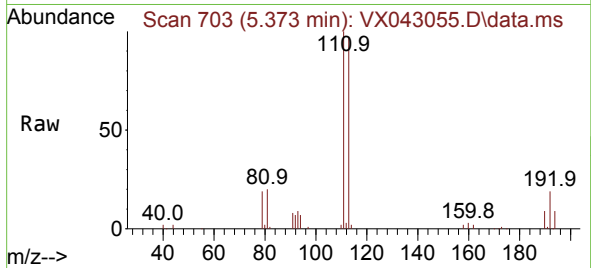




#32
1,1,1-Trichloroethane
Concen: 0.096 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

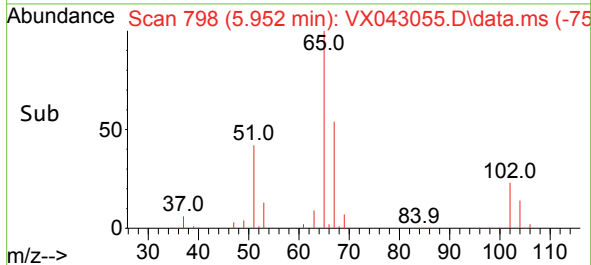
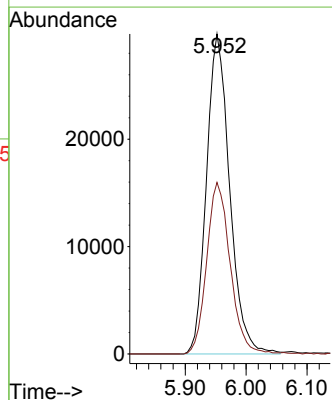
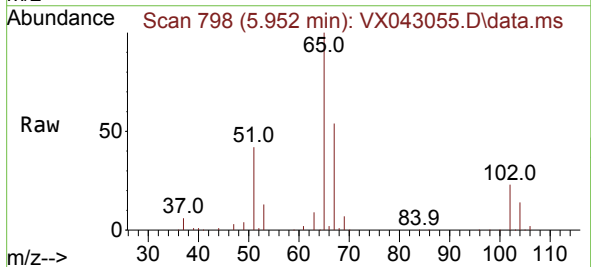
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

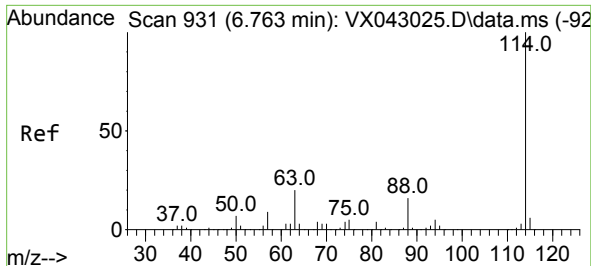
Tgt Ion: 97 Resp: 201
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 53.688 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 65 Resp: 78758
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

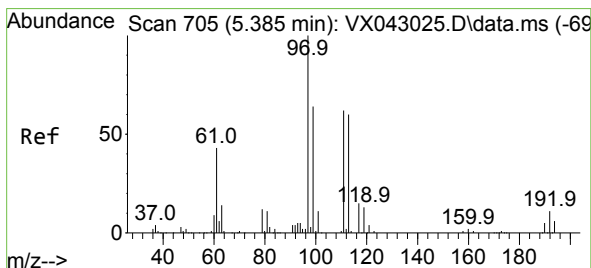
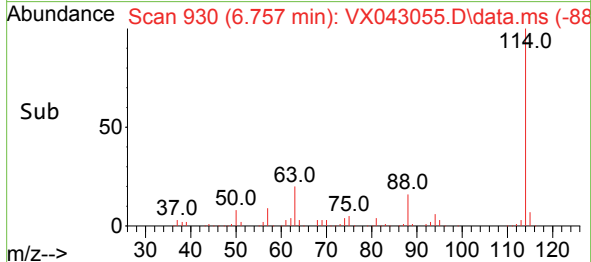
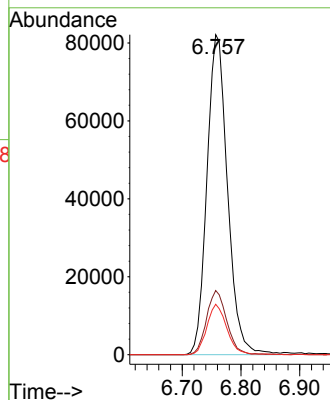
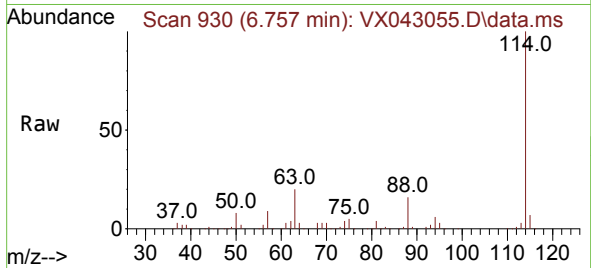




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

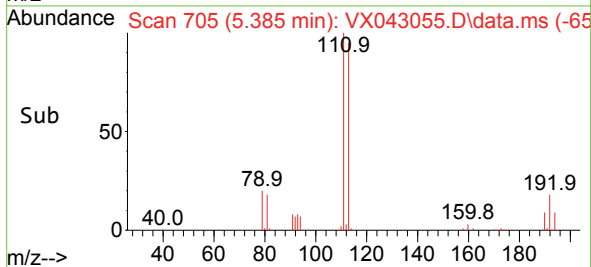
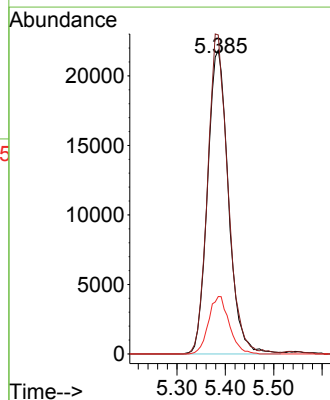
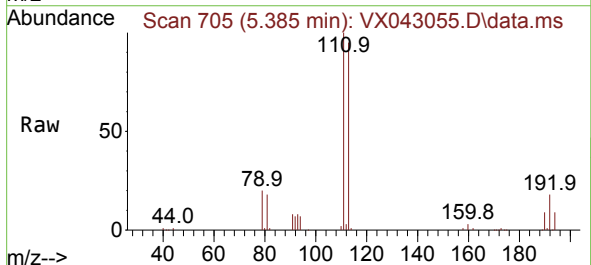
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

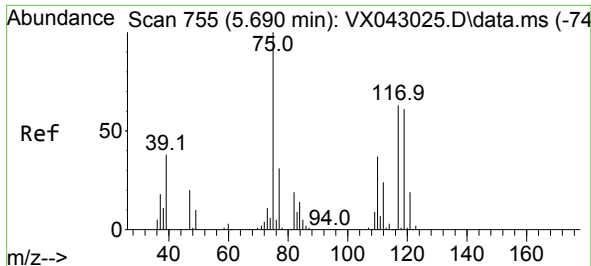
Tgt Ion:114 Resp: 199981
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.085 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:113 Resp: 65674
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.7 13.3 19.9

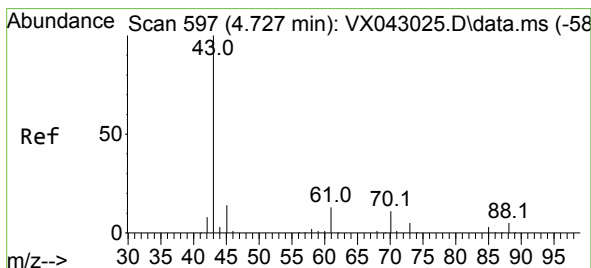
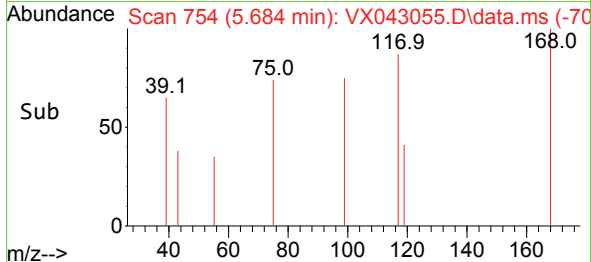
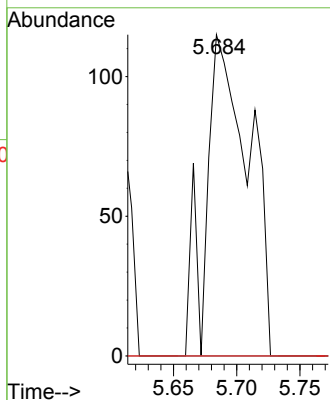
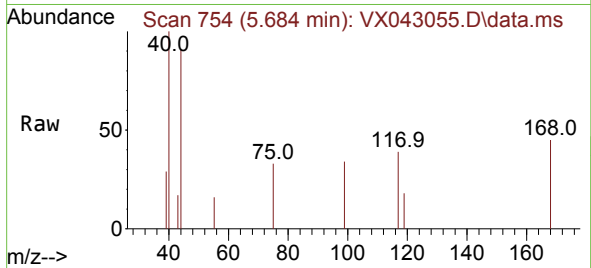




#36
1,1-Dichloropropene
Concen: 0.159 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

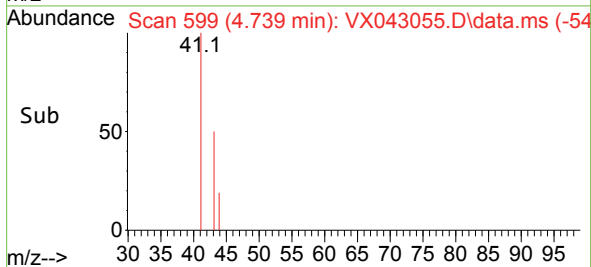
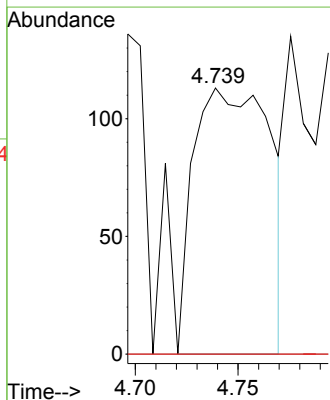
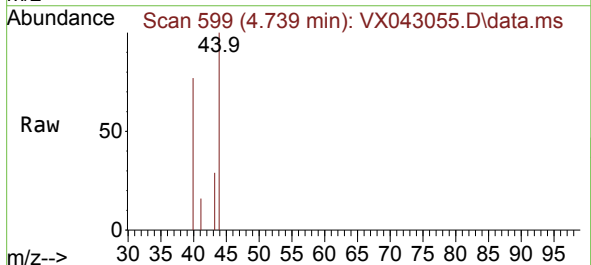
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

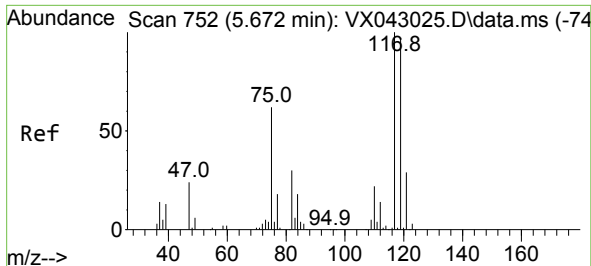
Tgt Ion: 75 Resp: 273
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.121 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

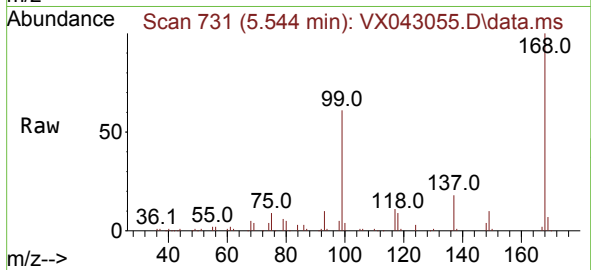
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



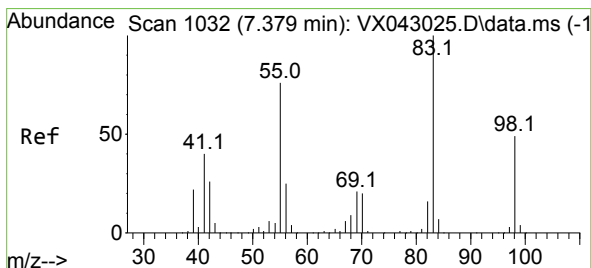
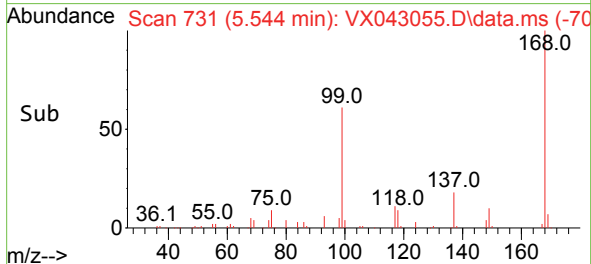
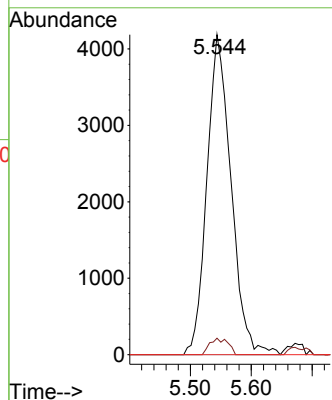


#38
Carbon Tetrachloride
Concen: 6.638 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

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

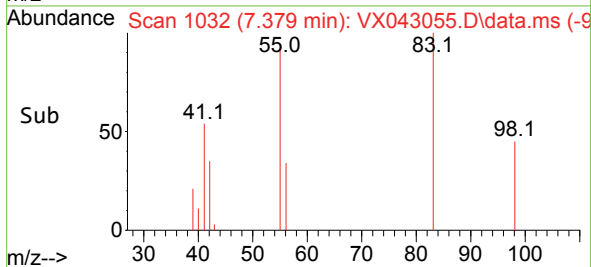
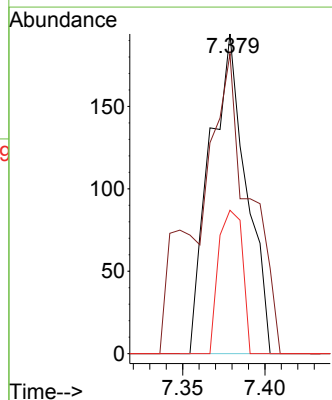
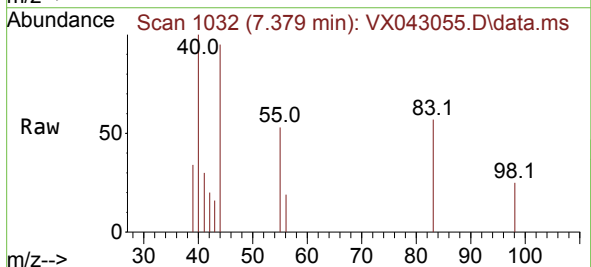


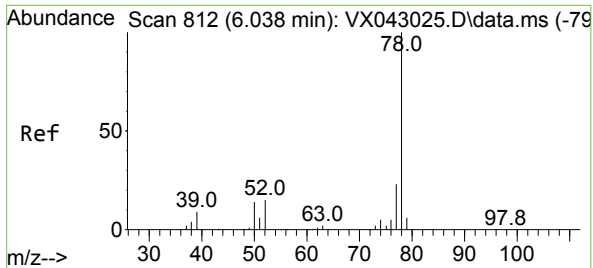
Tgt Ion:117 Resp: 11536
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.126 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 83 Resp: 299
Ion Ratio Lower Upper
83 100
55 93.8 64.6 97.0
98 44.8 36.7 55.1





#40

Benzene

Concen: 0.127 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

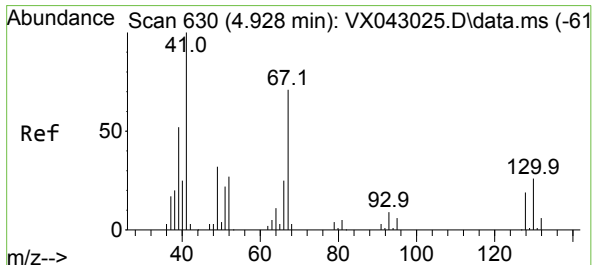
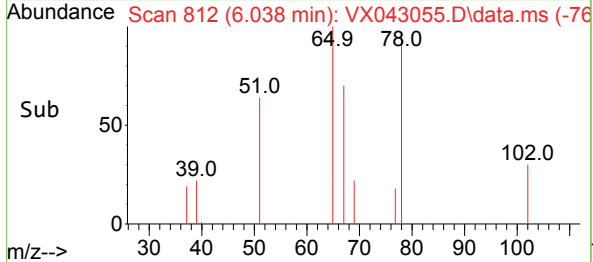
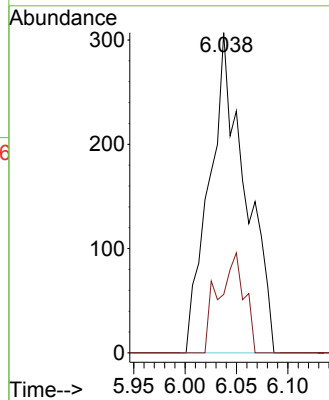
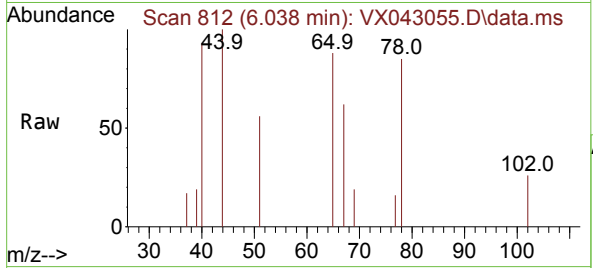
MDL-WATER-03-QT3-2024

Tgt Ion: 78 Resp: 742

Ion Ratio Lower Upper

78 100

77 18.2 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.025 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.012 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Tgt Ion: 41 Resp: 32

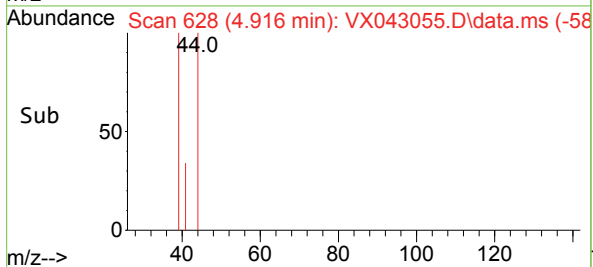
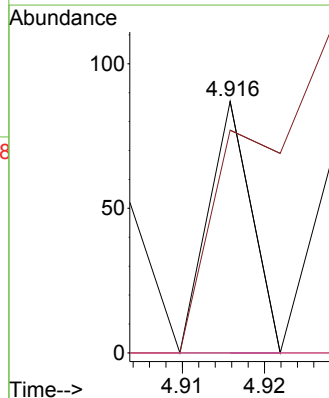
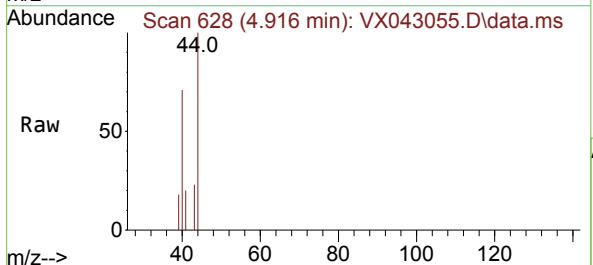
Ion Ratio Lower Upper

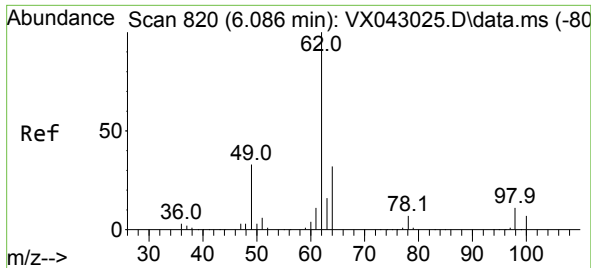
41 100

39 293.8 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

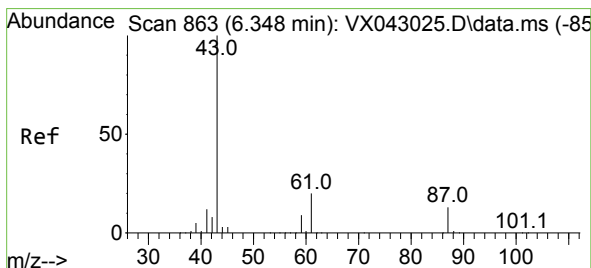
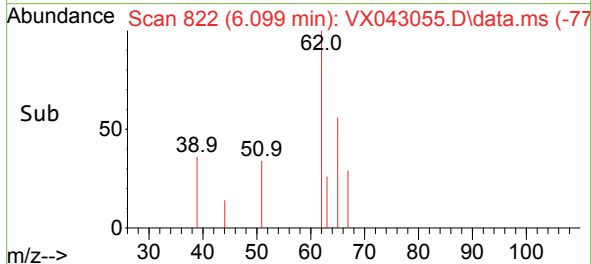
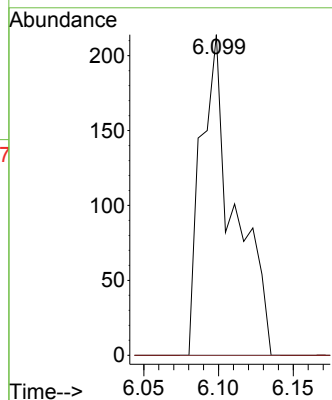
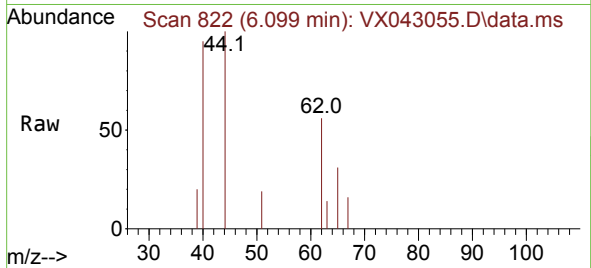




#42
1,2-Dichloroethane
Concen: 0.195 ug/l
RT: 6.099 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

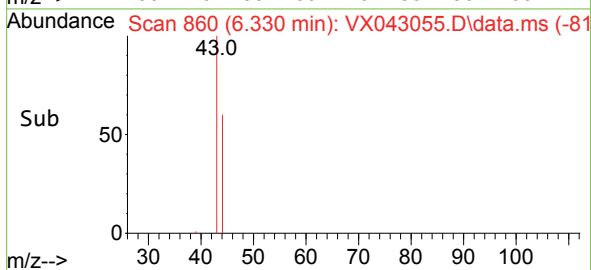
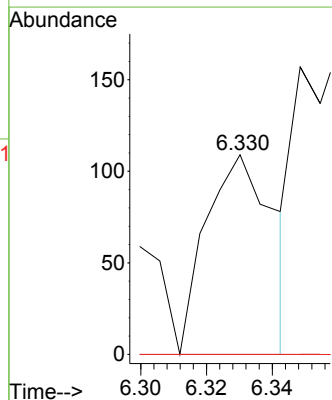
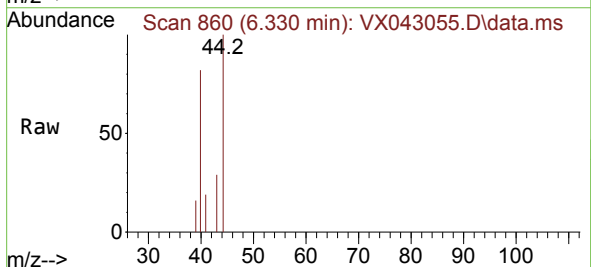
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

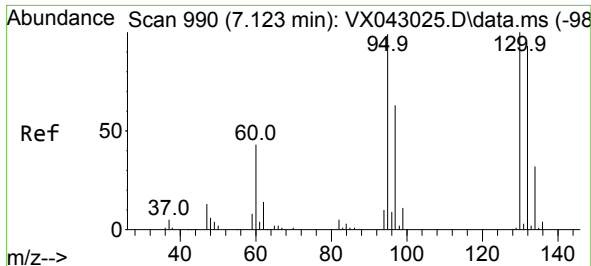
Tgt Ion: 62 Resp: 332
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0



#43
Isopropyl Acetate
Concen: 0.040 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.018 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#

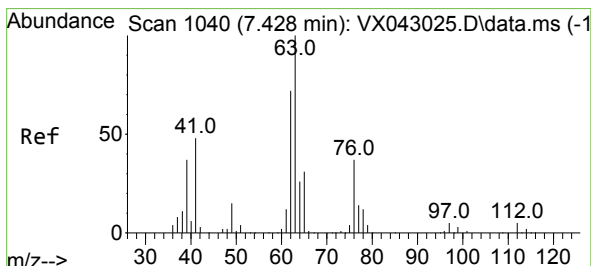
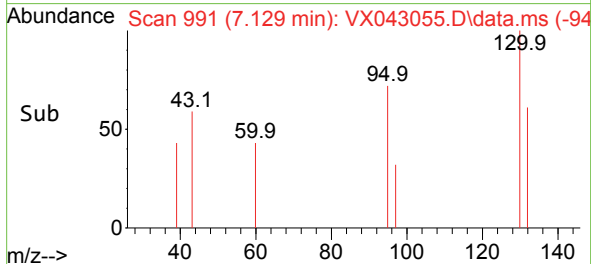
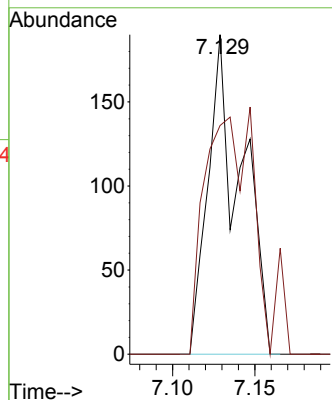
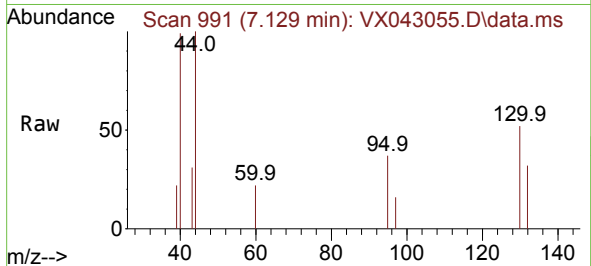




#44
Trichloroethene
Concen: 0.203 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

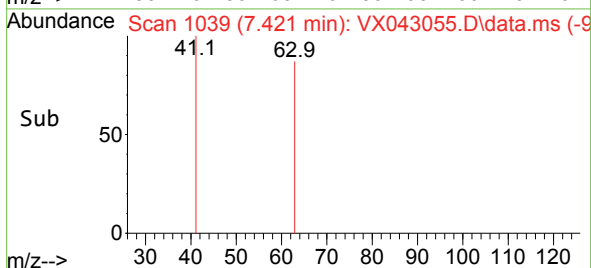
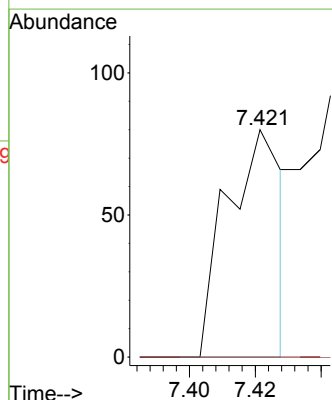
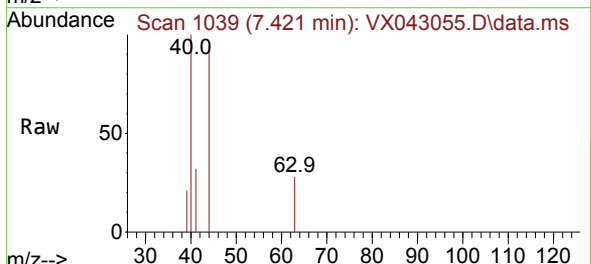
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

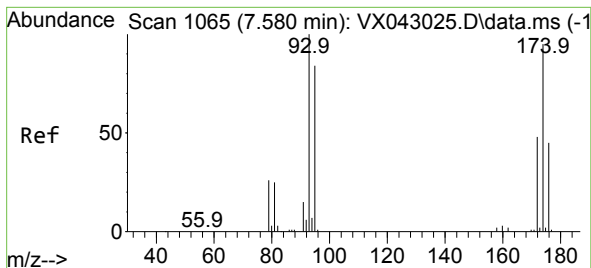
Tgt Ion:130 Resp: 269
Ion Ratio Lower Upper
130 100
95 71.6 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.065 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 63 Resp: 94
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#46

Dibromomethane

Concen: 0.137 ug/l

RT: 7.598 min Scan# 1106

Delta R.T. 0.018 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

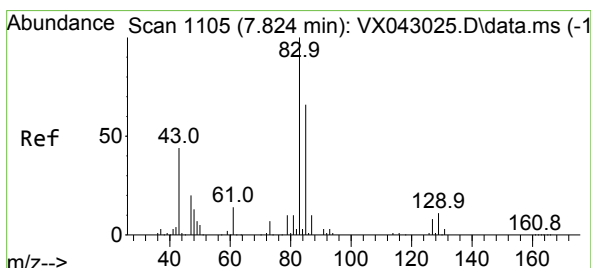
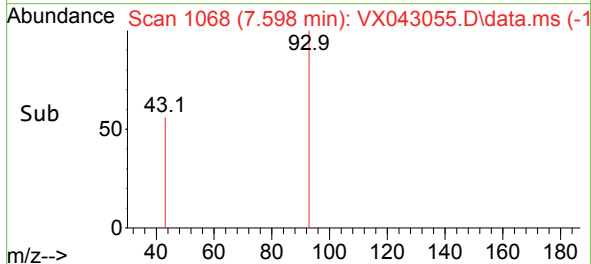
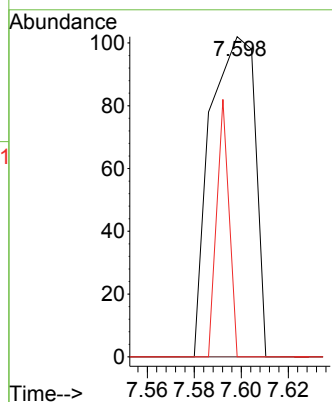
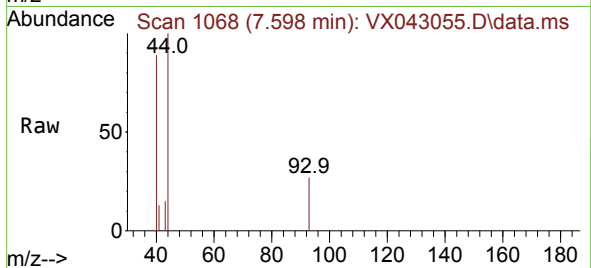
Tgt Ion: 93 Resp: 135

Ion Ratio Lower Upper

93 100

95 0.0 66.6 100.0#

174 22.2 69.4 104.0#



#47

Bromodichloromethane

Concen: 0.133 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

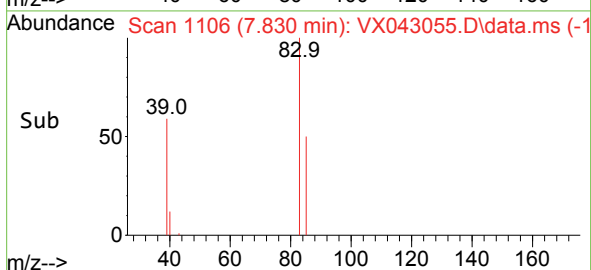
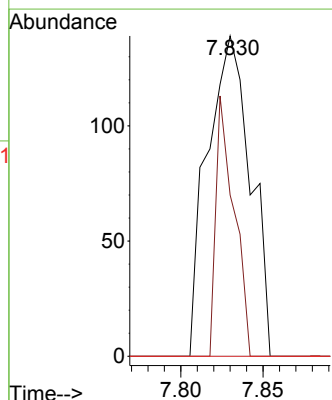
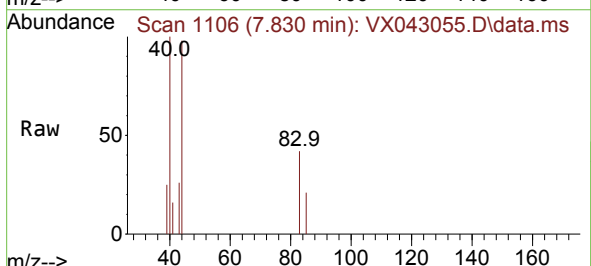
Tgt Ion: 83 Resp: 254

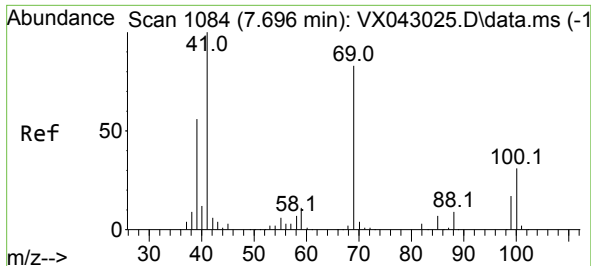
Ion Ratio Lower Upper

83 100

85 50.4 49.8 74.6

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.044 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. -0.018 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

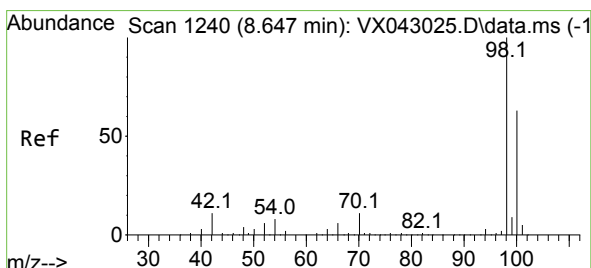
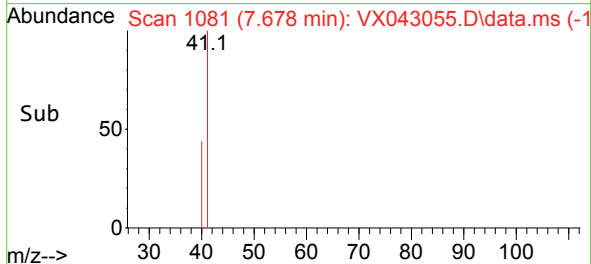
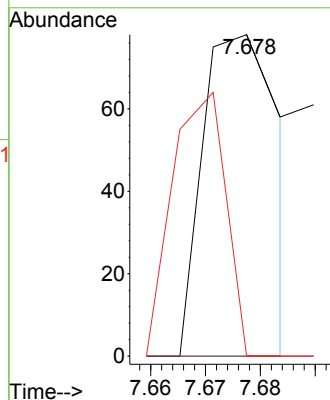
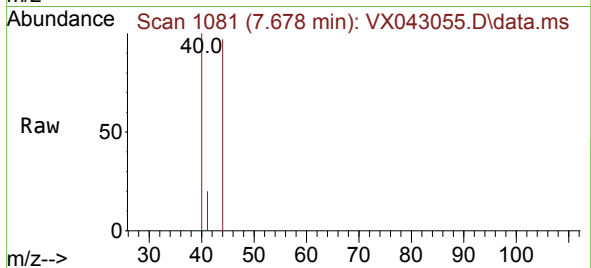
Tgt Ion: 41 Resp: 77

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 57.1 47.7 71.5



#50

Toluene-d8

Concen: 50.609 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043055.D

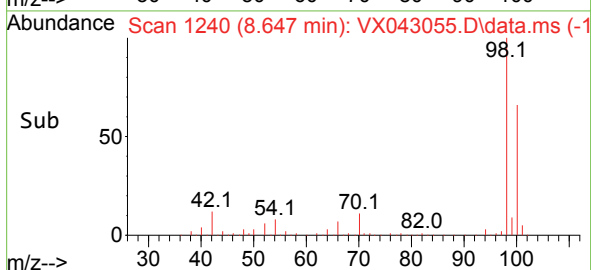
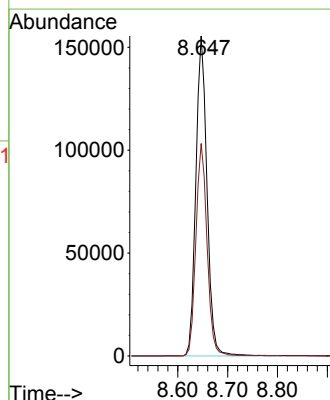
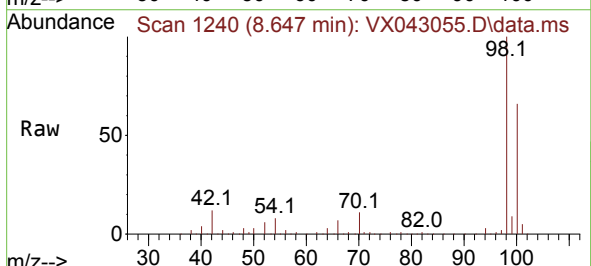
Acq: 15 Aug 2024 16:10

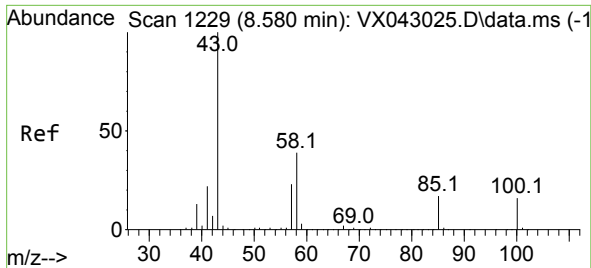
Tgt Ion: 98 Resp: 241694

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

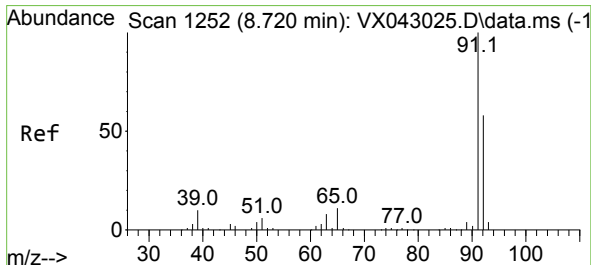
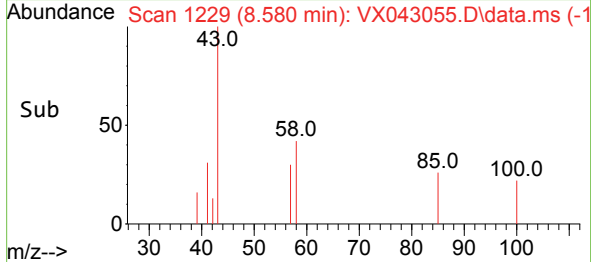
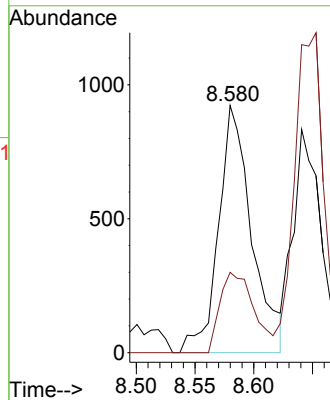
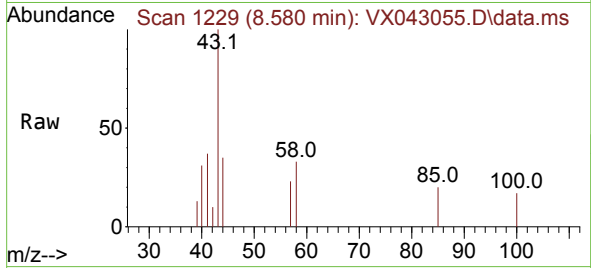




#51
4-Methyl-2-Pentanone
Concen: 0.731 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

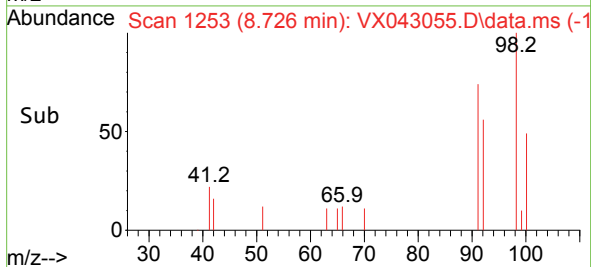
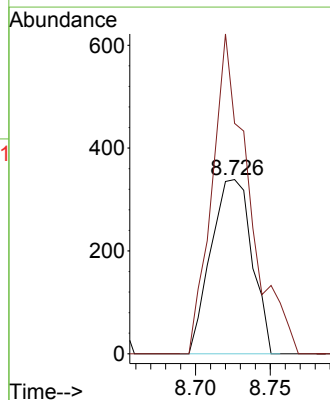
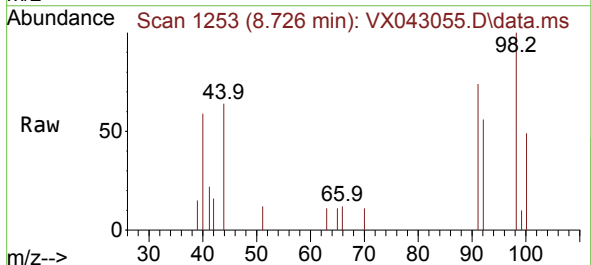
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

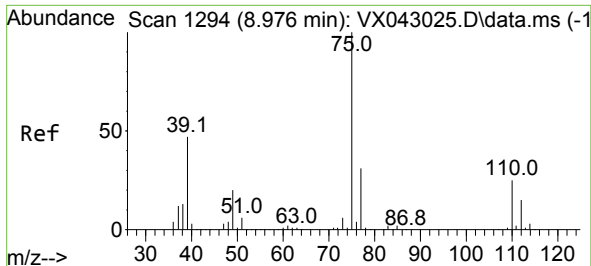
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6



#52
Toluene
Concen: 0.183 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 92 Resp: 646
Ion Ratio Lower Upper
92 100
91 164.7 134.2 201.2

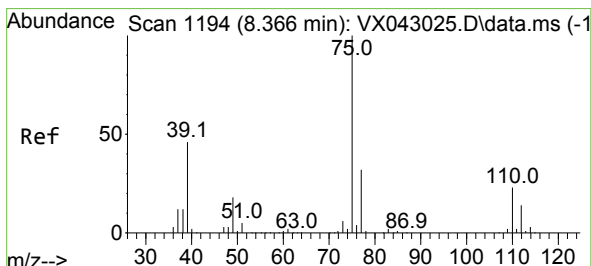
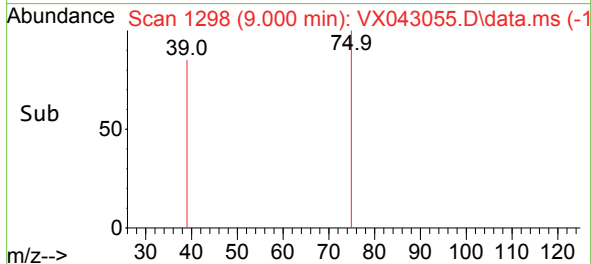
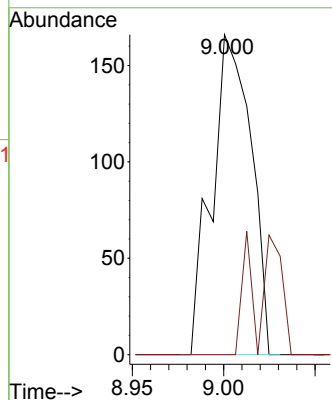
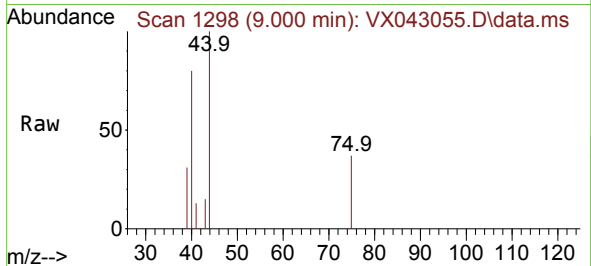




#53
 t-1,3-Dichloropropene
 Concen: 0.119 ug/l
 RT: 9.000 min Scan# 1196
 Delta R.T. 0.024 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

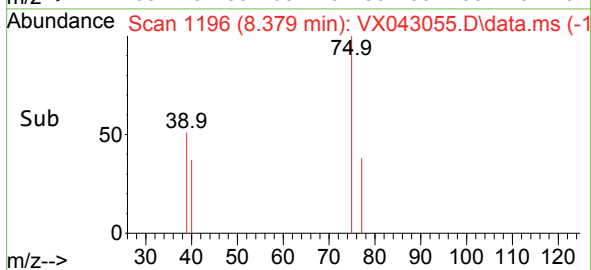
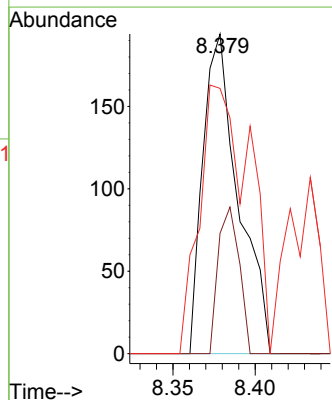
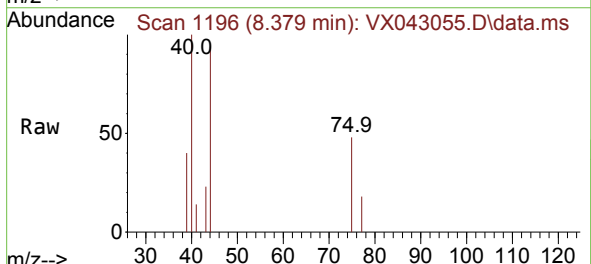
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

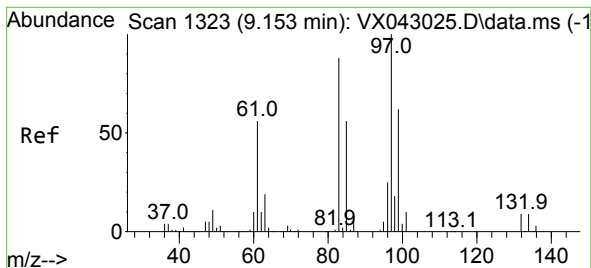
Tgt Ion: 75 Resp: 249
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/l
 RT: 8.379 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

Tgt Ion: 75 Resp: 290
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.3 37.9
 39 83.0 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.174 ug/l

RT: 9.165 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 97 Resp: 242

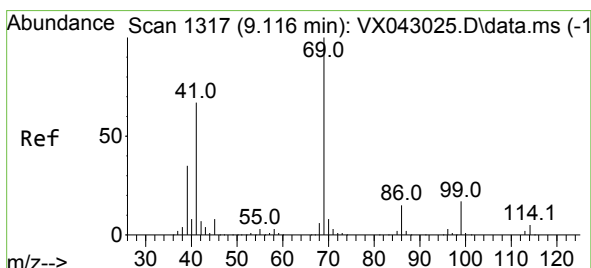
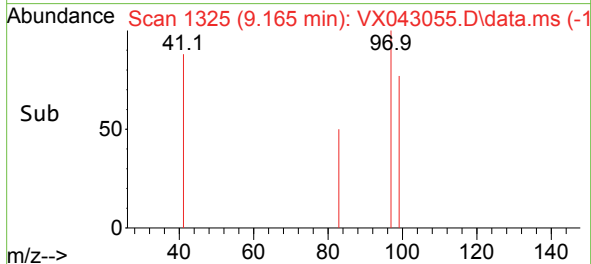
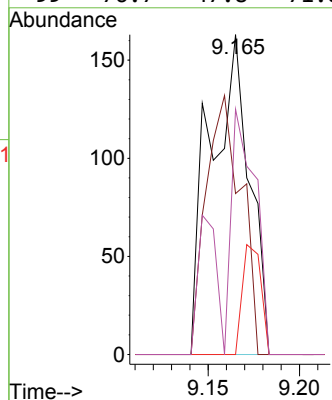
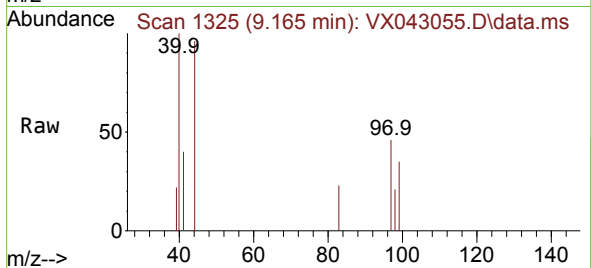
Ion Ratio Lower Upper

97 100

83 50.3 65.8 98.8#

85 0.0 41.6 62.4#

99 76.7 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.047 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

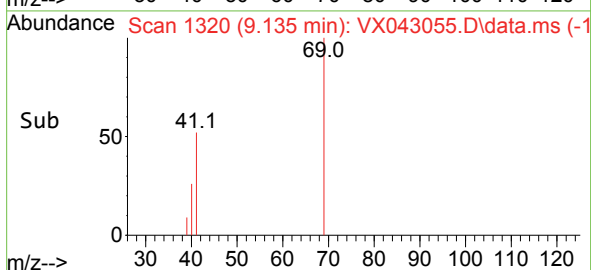
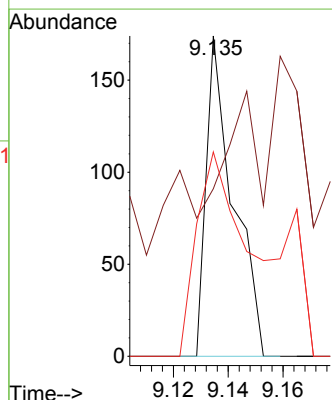
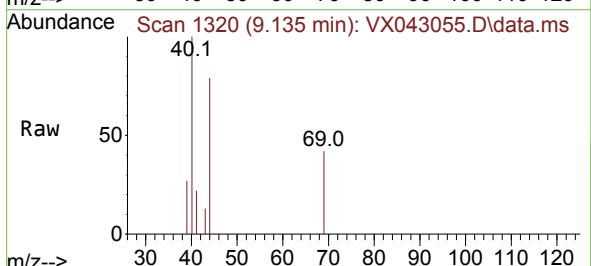
Tgt Ion: 69 Resp: 119

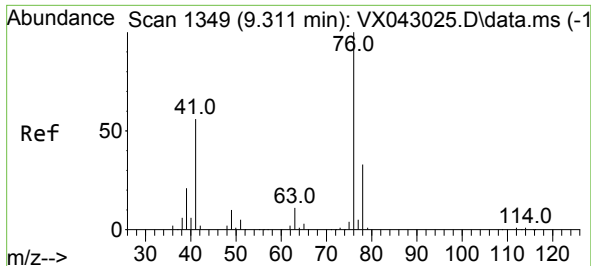
Ion Ratio Lower Upper

69 100

41 28.6 56.8 85.2#

39 154.6 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.107 ug/l

RT: 9.324 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

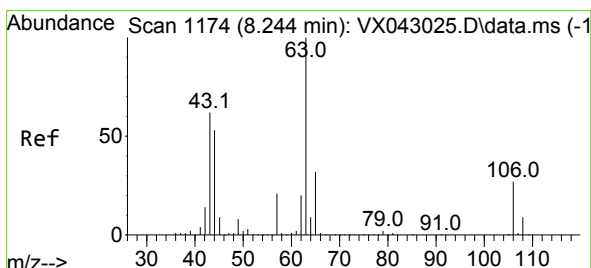
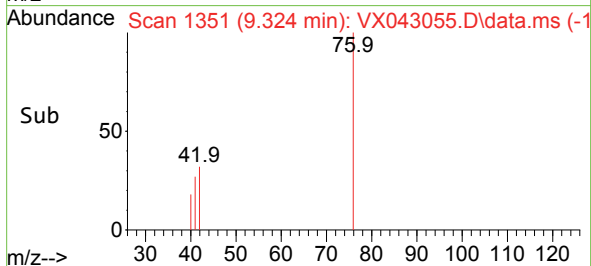
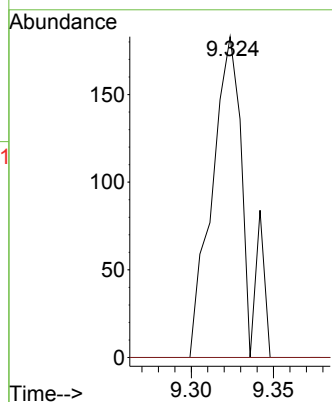
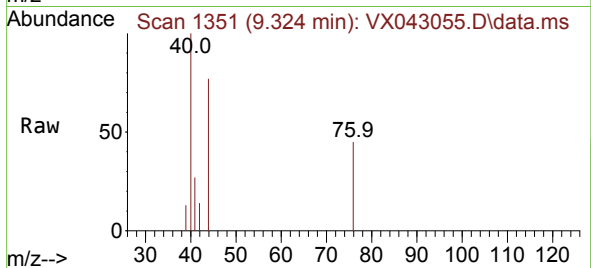
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 251

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.650 ug/l

RT: 8.269 min Scan# 1178

Delta R.T. 0.024 min

Lab File: VX043055.D

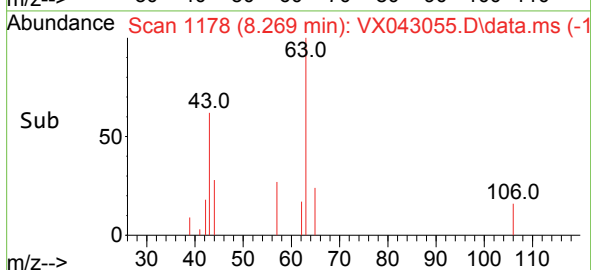
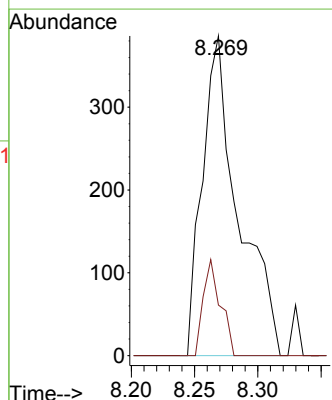
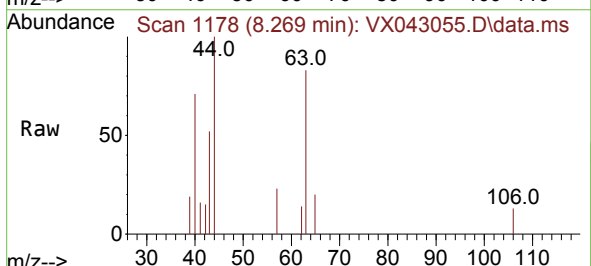
Acq: 15 Aug 2024 16:10

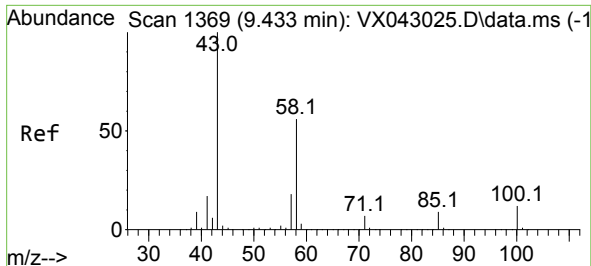
Tgt Ion: 63 Resp: 767

Ion Ratio Lower Upper

63 100

106 14.3 22.5 33.7#





#59

2-Hexanone

Concen: 0.301 ug/l

RT: 9.458 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

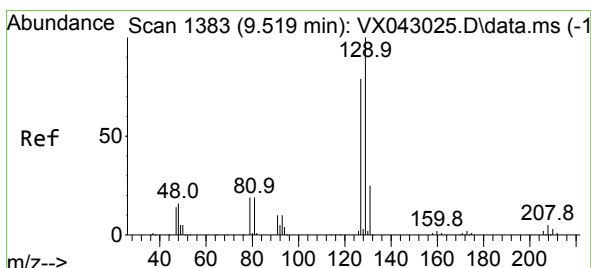
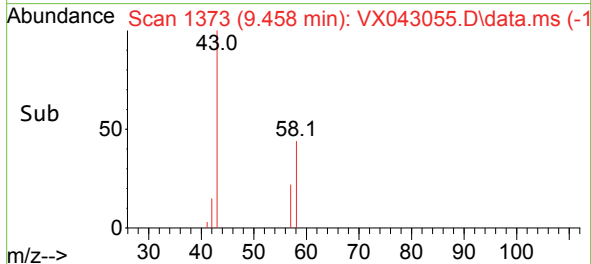
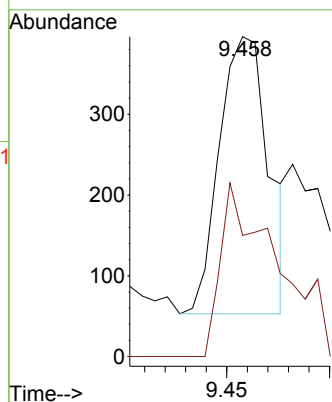
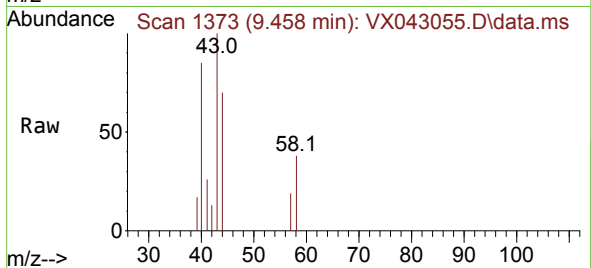
MDL-WATER-03-QT3-2024

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 72.1 26.2 78.5



#60

Dibromochloromethane

Concen: 0.168 ug/l

RT: 9.531 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VX043055.D

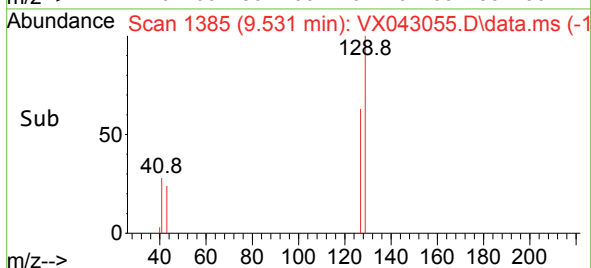
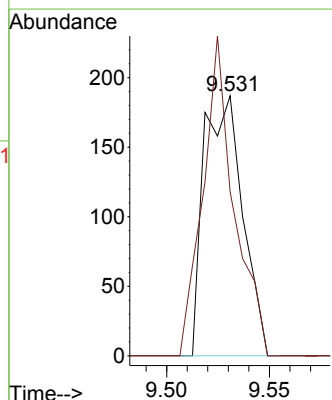
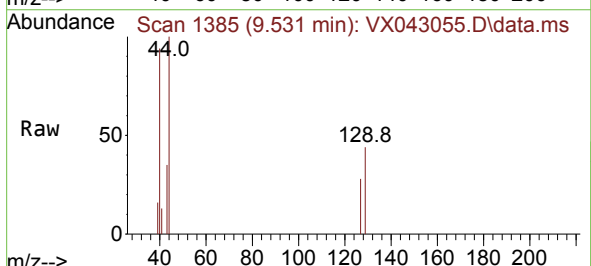
Acq: 15 Aug 2024 16:10

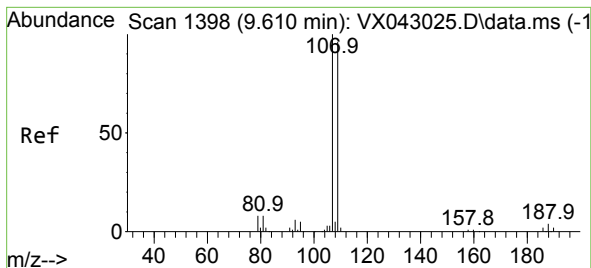
Tgt Ion: 129 Resp: 246

Ion Ratio Lower Upper

129 100

127 98.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.140 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

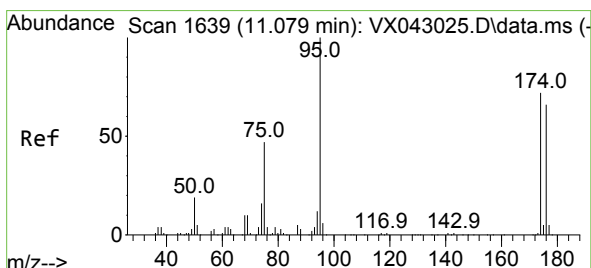
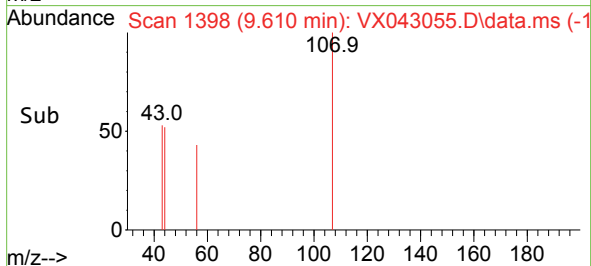
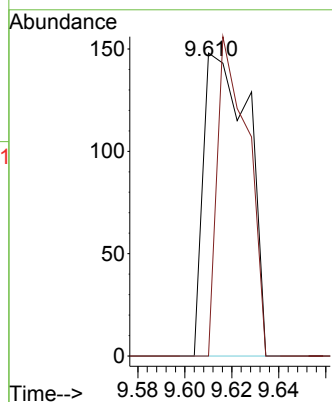
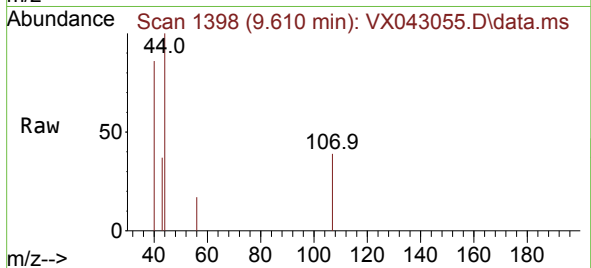
MDL-WATER-03-QT3-2024

Tgt Ion:107 Resp: 196

Ion Ratio Lower Upper

107 100

109 71.4 75.2 112.8#



#62

4-Bromofluorobenzene

Concen: 47.564 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

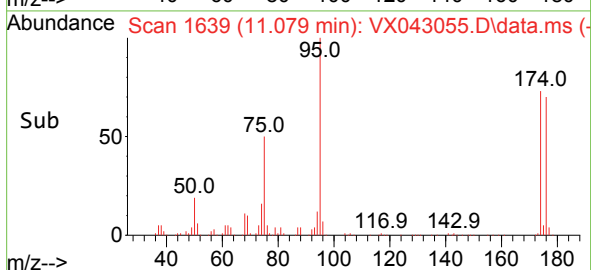
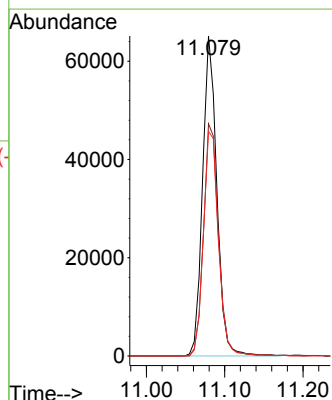
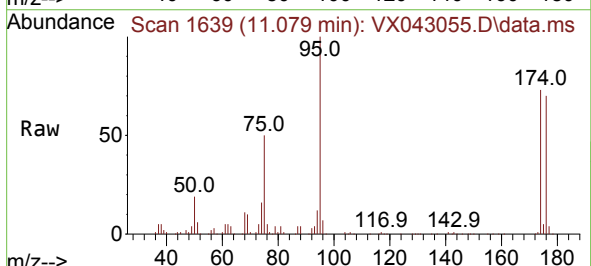
Tgt Ion: 95 Resp: 82364

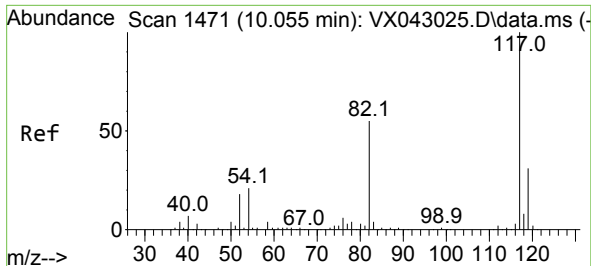
Ion Ratio Lower Upper

95 100

174 76.1 0.0 135.6

176 74.2 0.0 131.0

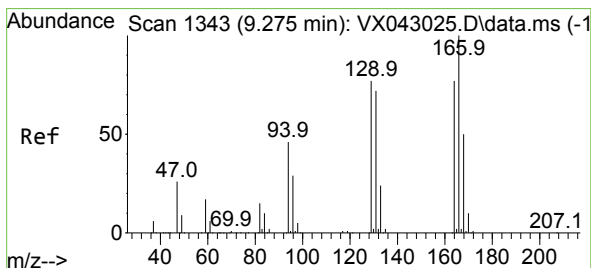
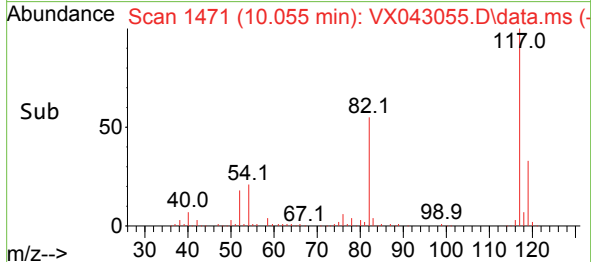
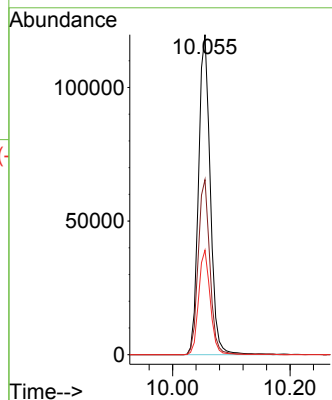
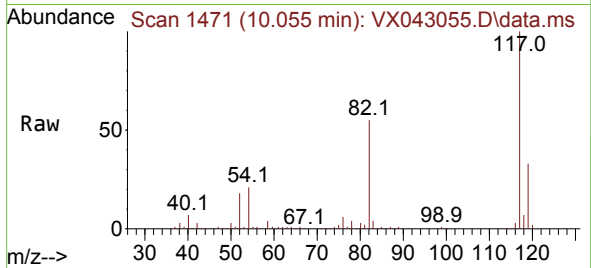




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

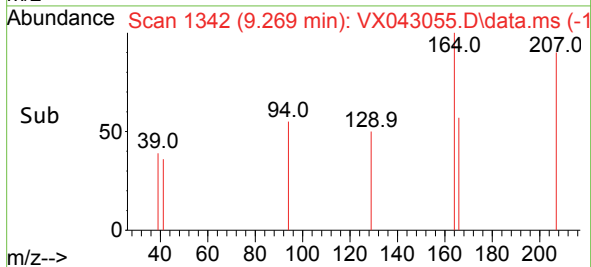
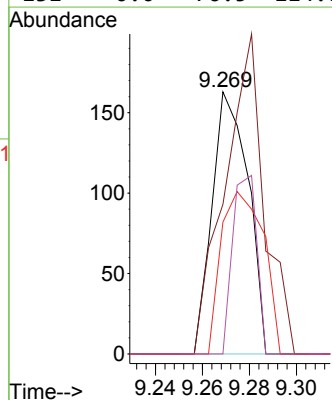
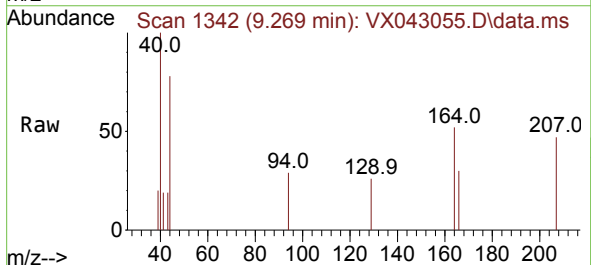
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

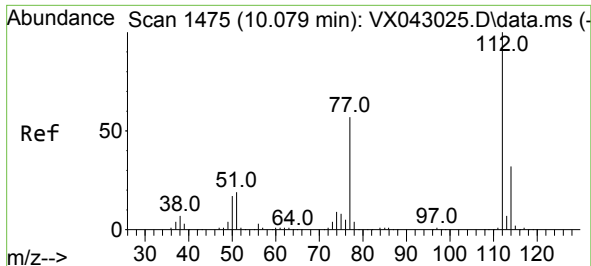
Tgt Ion:117 Resp: 166588
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.161 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:164 Resp: 173
Ion Ratio Lower Upper
164 100
166 57.1 102.7 154.1#
129 50.3 80.4 120.6#
131 0.0 76.5 114.7#

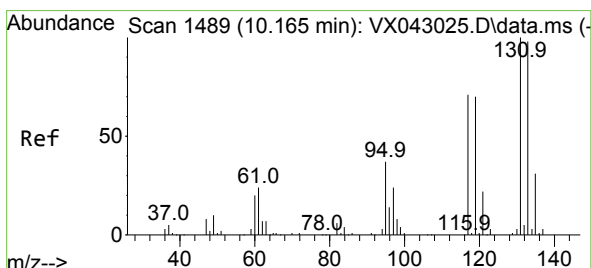
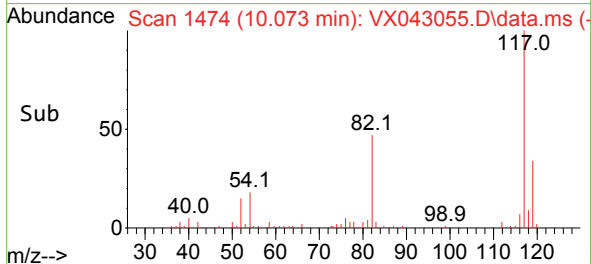
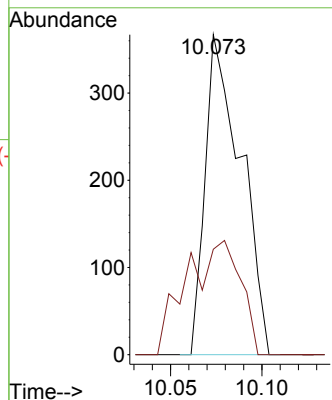
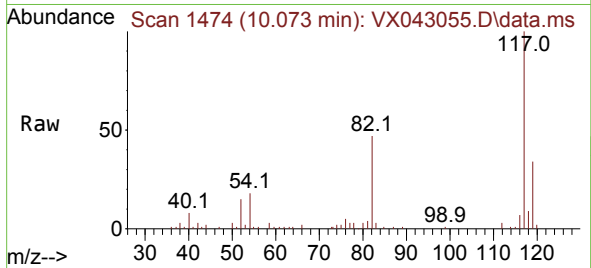




#65
Chlorobenzene
Concen: 0.139 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

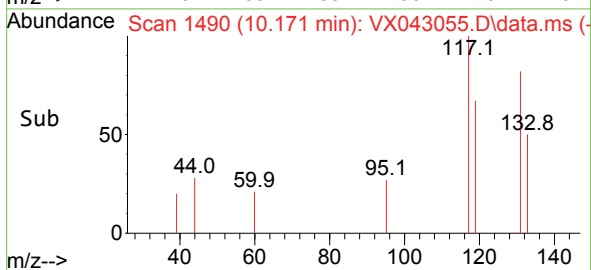
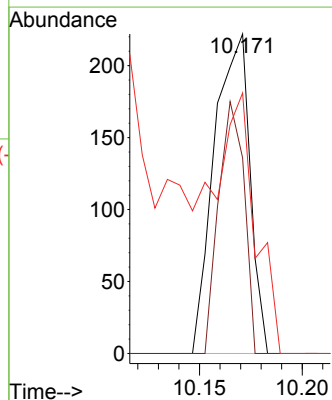
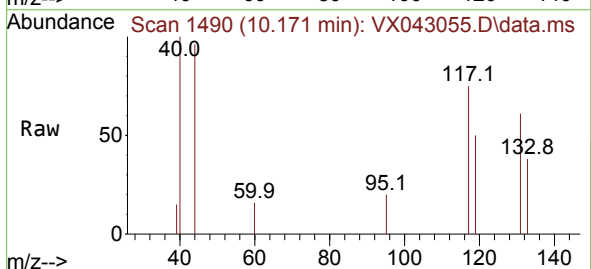
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

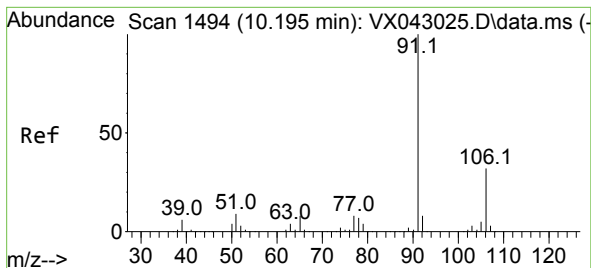
Tgt Ion:112 Resp: 499
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.220 ug/l
RT: 10.171 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:131 Resp: 267
Ion Ratio Lower Upper
131 100
133 56.6 47.1 141.4
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.140 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

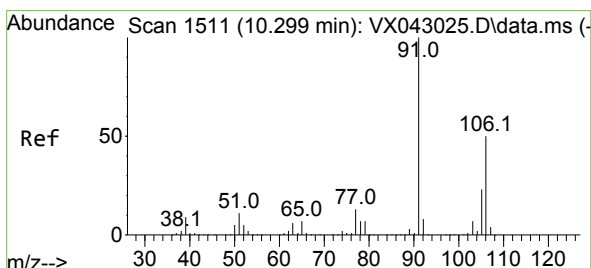
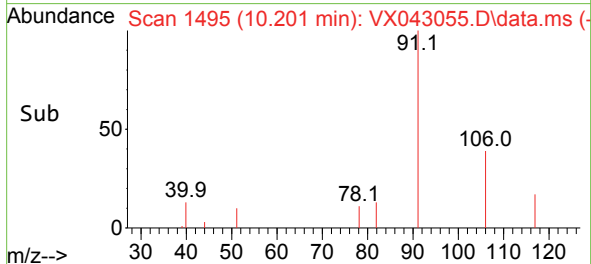
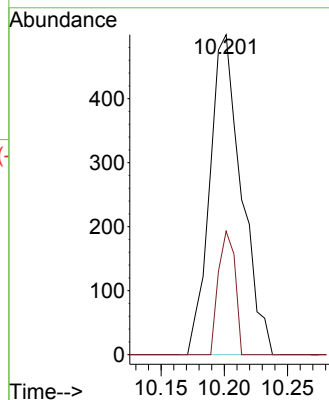
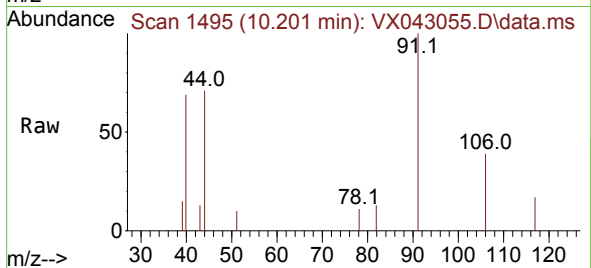
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 872

Ion Ratio Lower Upper

91 100

106 38.6 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.336 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043055.D

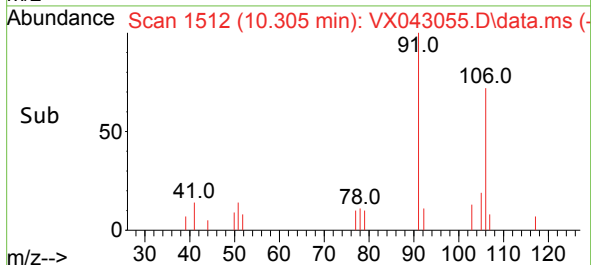
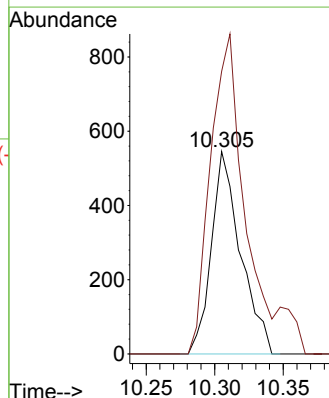
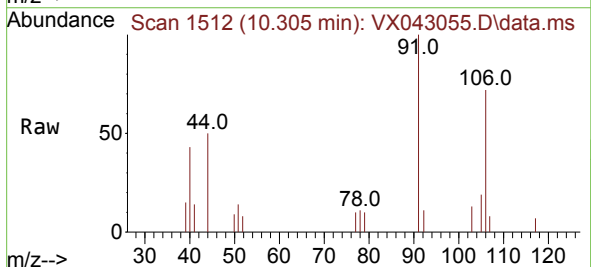
Acq: 15 Aug 2024 16:10

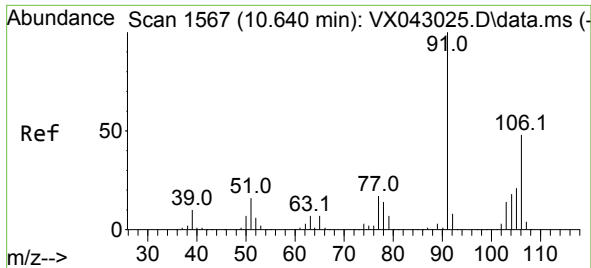
Tgt Ion: 106 Resp: 808

Ion Ratio Lower Upper

106 100

91 195.4 165.5 248.3

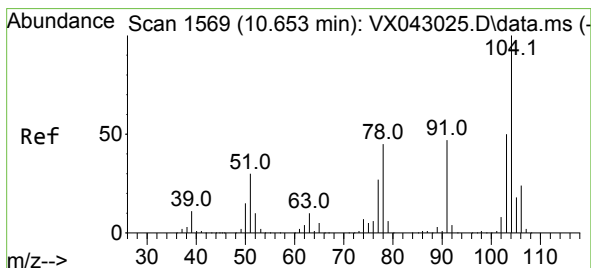
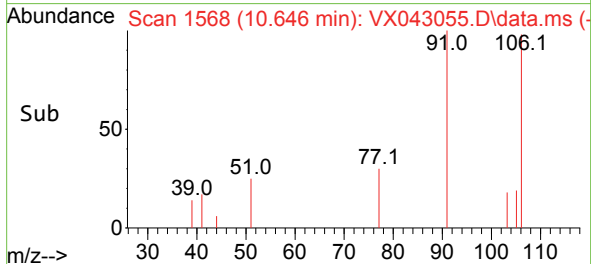
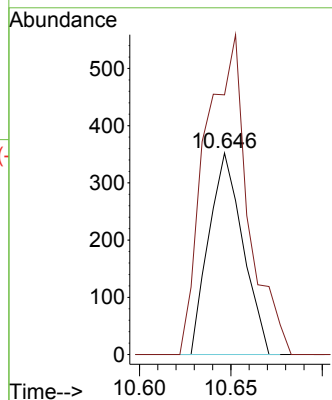
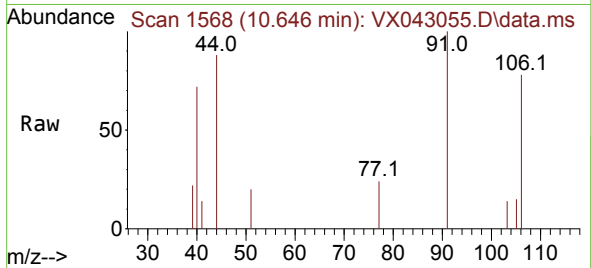




#69
o-Xylene
Concen: 0.189 ug/l
RT: 10.646 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

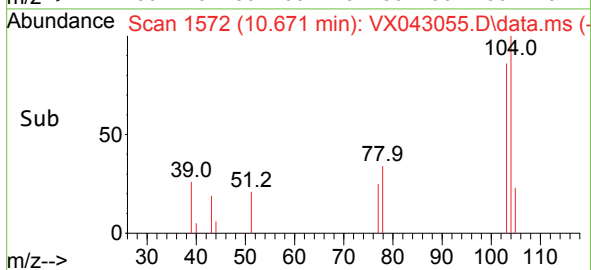
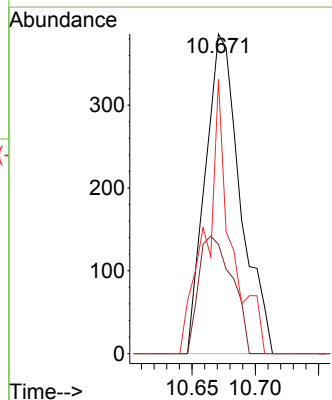
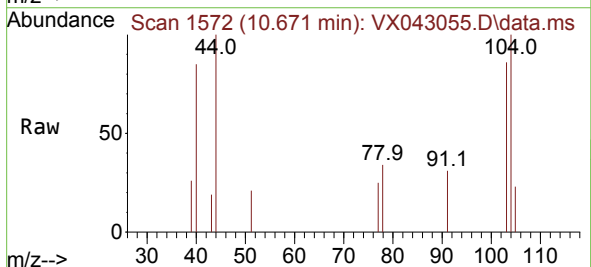
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

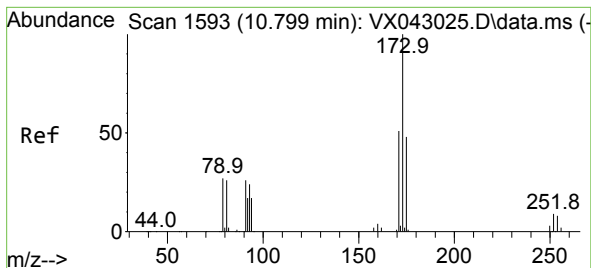
Tgt Ion:106 Resp: 456
Ion Ratio Lower Upper
106 100
91 200.0 108.9 326.8



#70
Styrene
Concen: 0.183 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.018 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:104 Resp: 741
Ion Ratio Lower Upper
104 100
78 35.5 43.6 65.4#
103 61.0 43.6 65.4





#71

Bromoform

Concen: 0.224 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

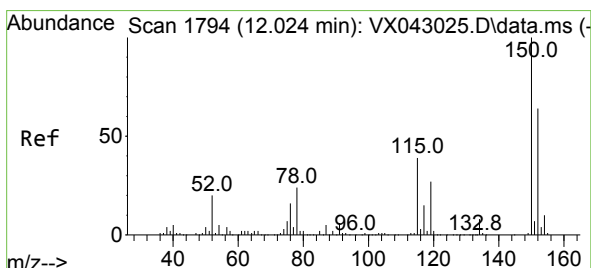
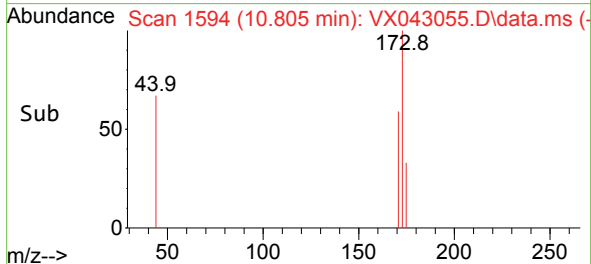
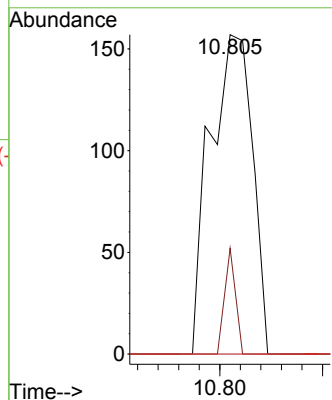
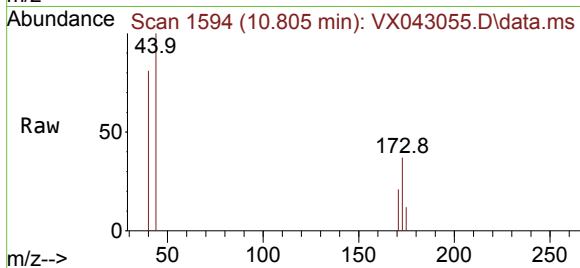
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:173	Resp:	225
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.4#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

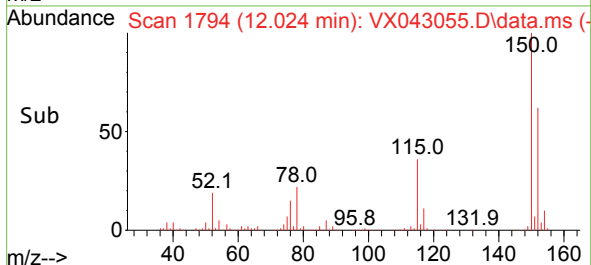
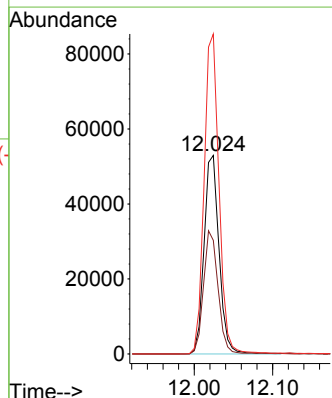
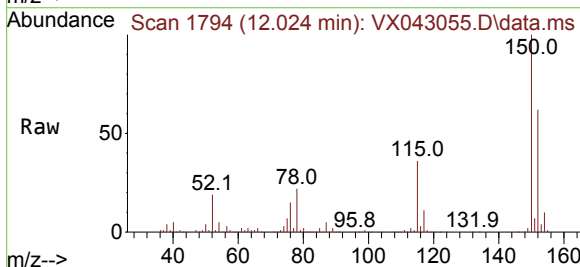
RT: 12.024 min Scan# 1794

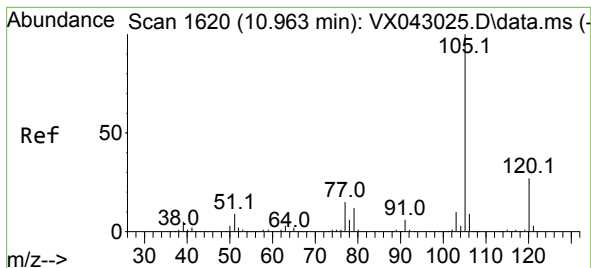
Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Tgt Ion:152	Resp:	70228
Ion Ratio	Lower	Upper
152	100	
115	60.7	43.3 129.9
150	159.5	0.0 345.0





#73

Isopropylbenzene

Concen: 0.141 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

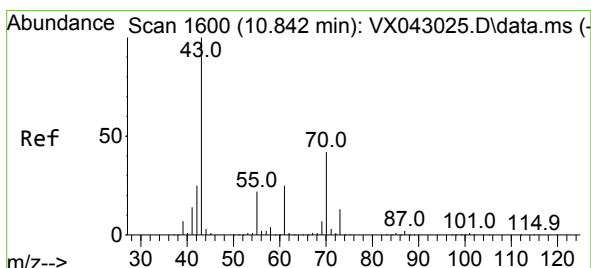
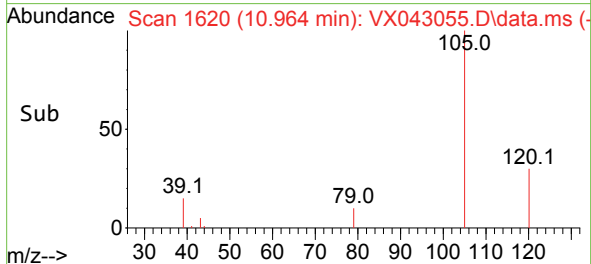
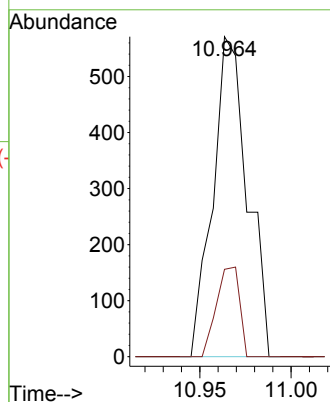
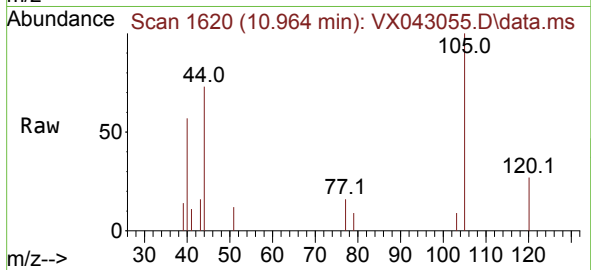
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 754

Ion Ratio Lower Upper

105 100

120 18.7 12.9 38.6



#74

N-ethyl acetate

Concen: 0.085 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Tgt Ion: 43 Resp: 260

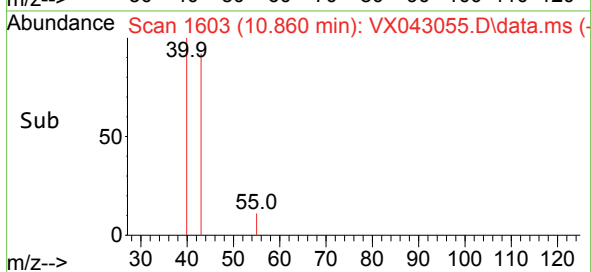
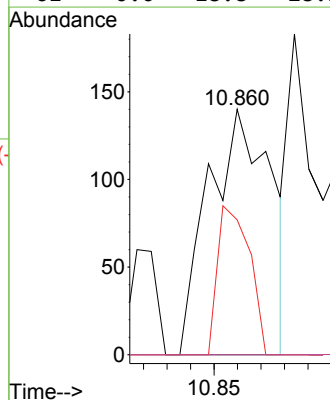
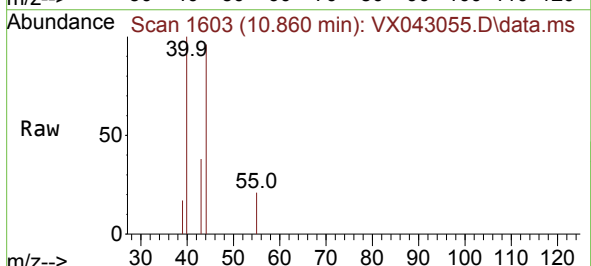
Ion Ratio Lower Upper

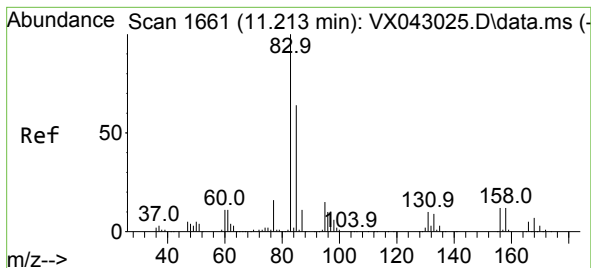
43 100

70 0.0 32.9 49.3#

55 30.8 19.3 28.9#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.118 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

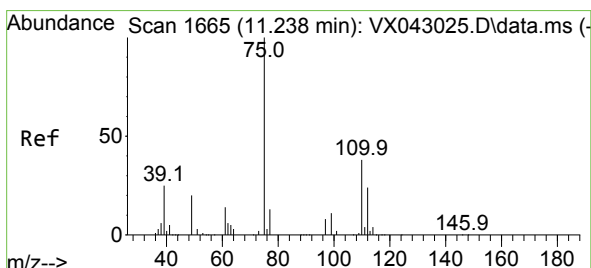
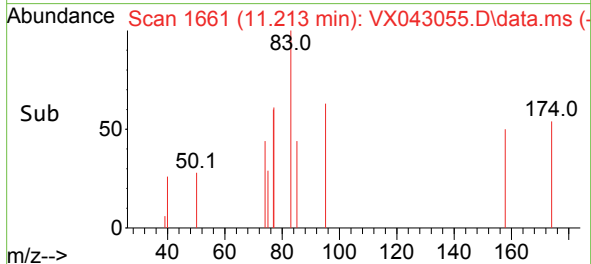
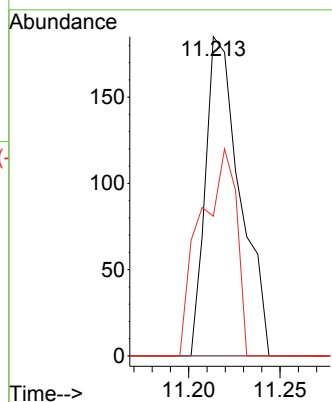
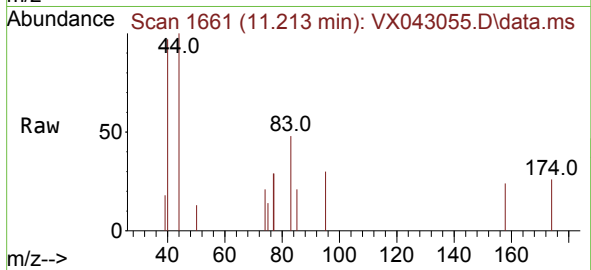
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 83	Resp:	243
Ion Ratio	Lower	Upper
83	100	
131	0.0	5.3
85	67.9	32.0
		15.8#
		96.2



#76

1,2,3-Trichloropropane

Concen: 25.354 ug/l

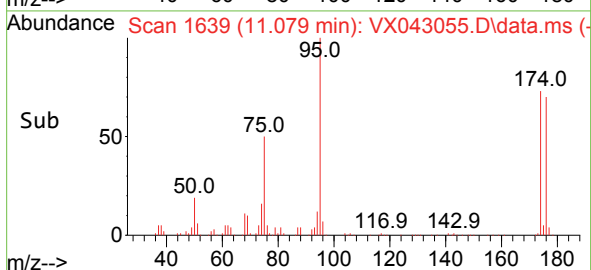
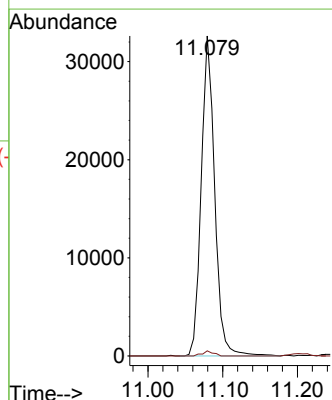
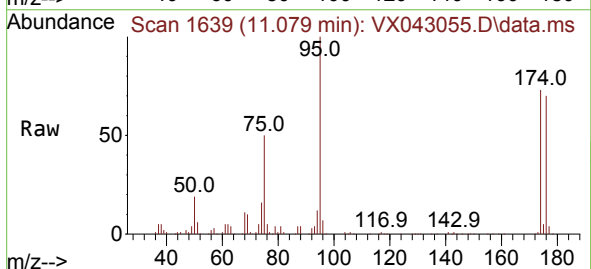
RT: 11.079 min Scan# 1639

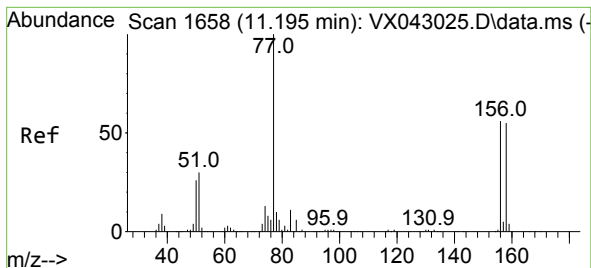
Delta R.T. -0.159 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Tgt Ion: 75	Resp:	40808
Ion Ratio	Lower	Upper
75	100	
77	1.3	19.1
		57.5#





#77

Bromobenzene

Concen: 0.073 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

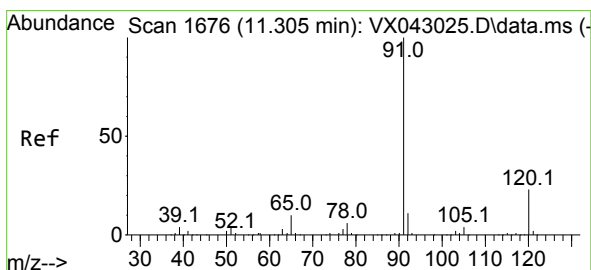
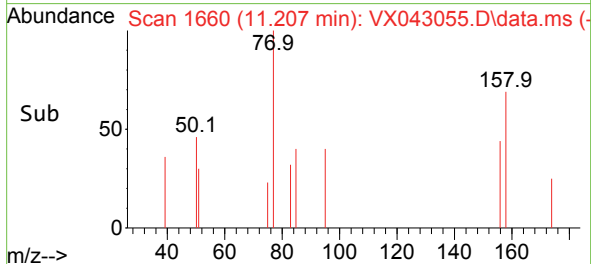
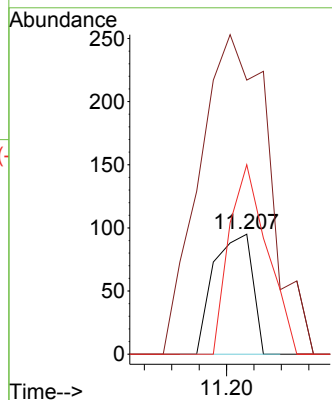
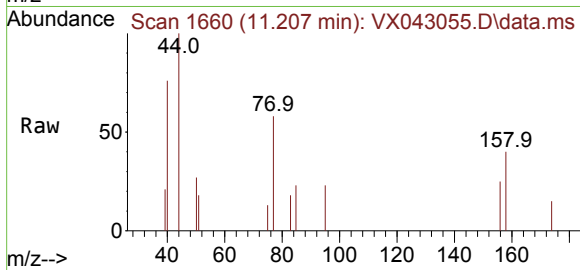
Tgt Ion:156 Resp: 94

Ion Ratio Lower Upper

156 100

77 475.5 88.4 265.3#

158 154.3 48.0 144.0#



#78

n-propylbenzene

Concen: 0.125 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043055.D

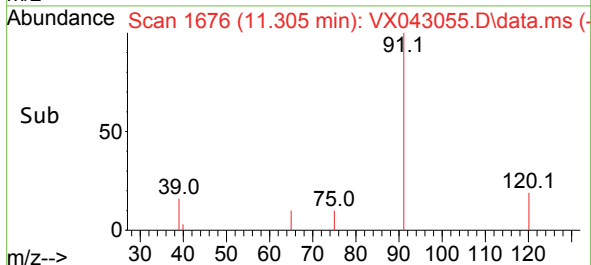
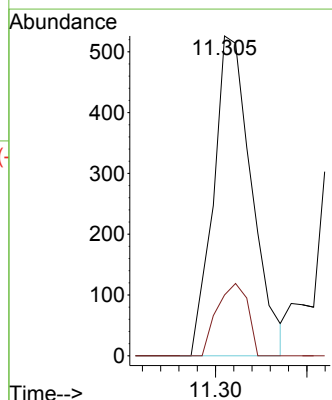
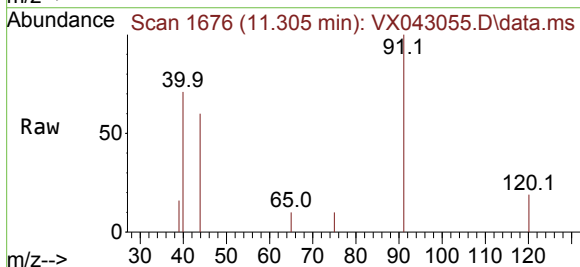
Acq: 15 Aug 2024 16:10

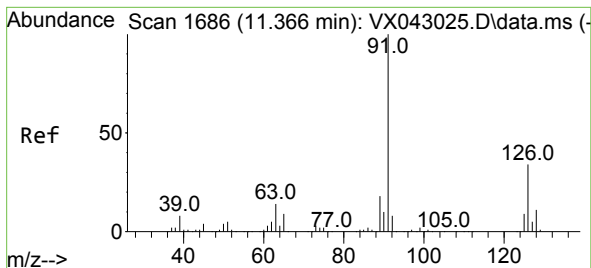
Tgt Ion: 91 Resp: 764

Ion Ratio Lower Upper

91 100

120 18.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.162 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.091 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

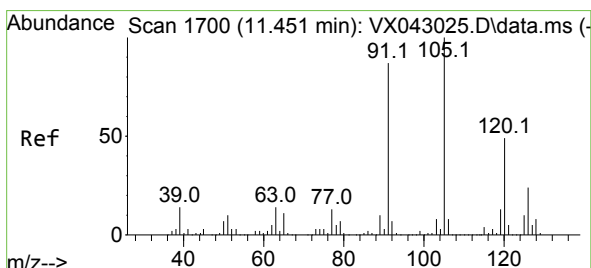
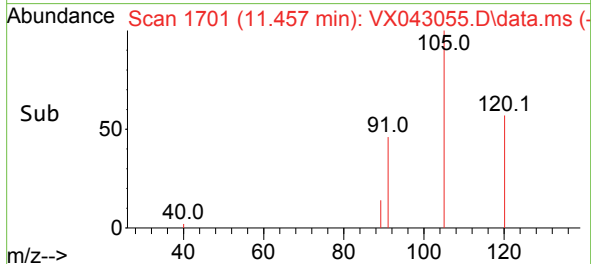
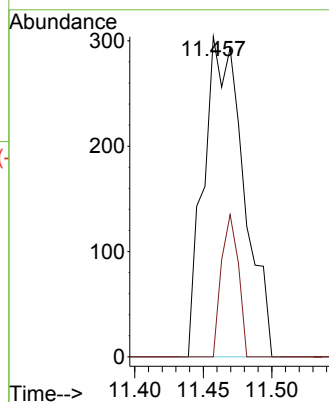
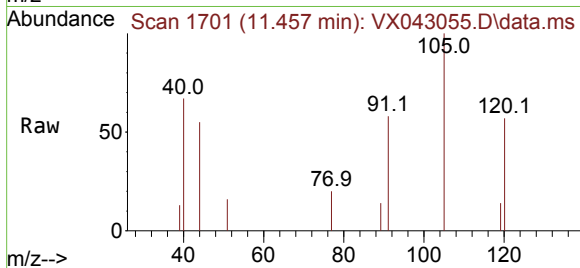
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 614

Ion Ratio Lower Upper

91 100

126 18.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.161 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX043055.D

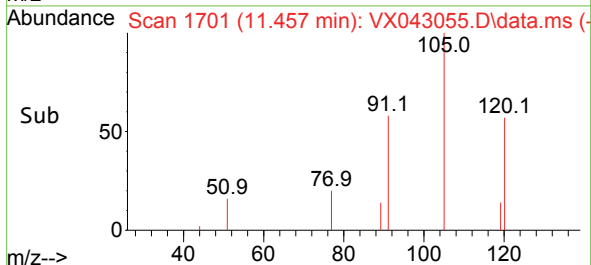
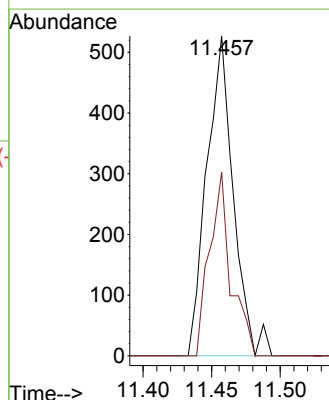
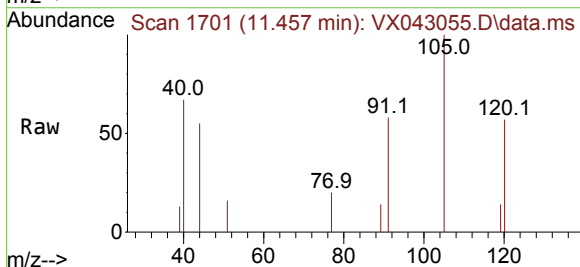
Acq: 15 Aug 2024 16:10

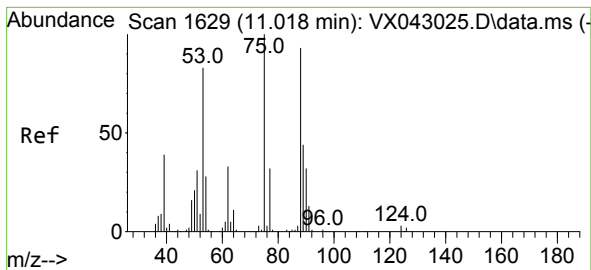
Tgt Ion: 105 Resp: 712

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

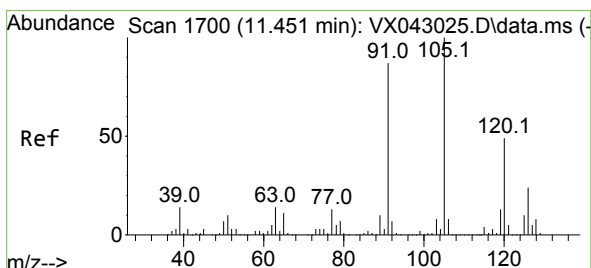
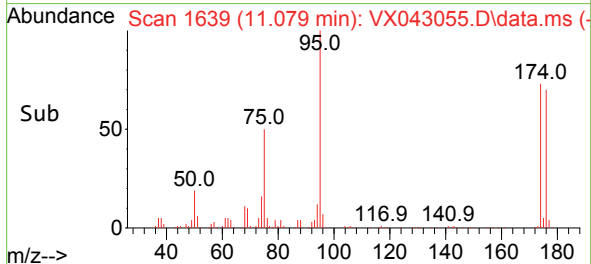
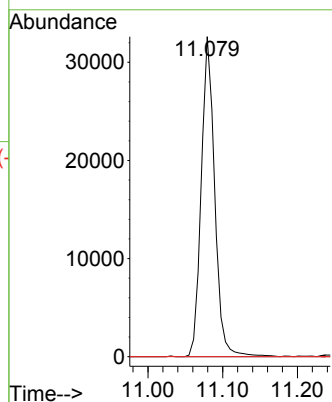
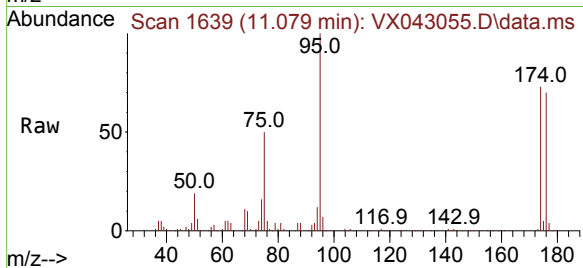




#81
trans-1,4-Dichloro-2-butene
Concen: 55.303 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

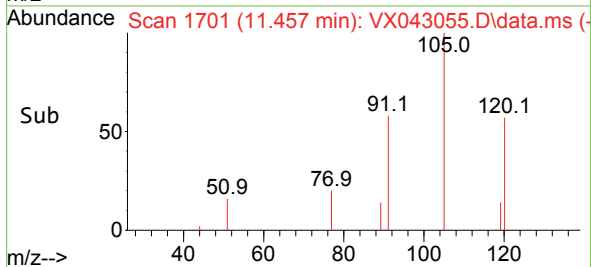
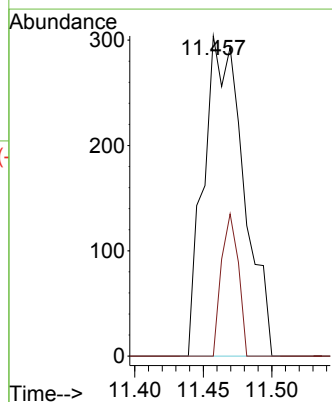
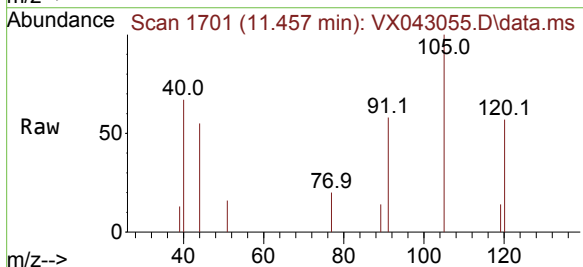
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

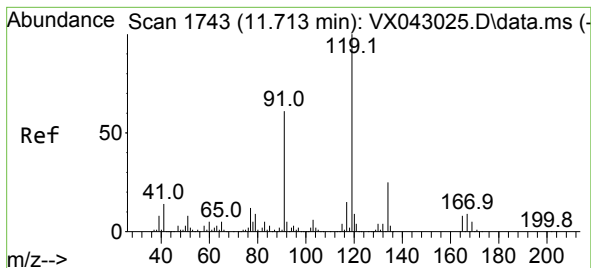
Tgt Ion: 75 Resp: 40808
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.145 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion: 91 Resp: 614
Ion Ratio Lower Upper
91 100
126 18.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.137 ug/l

RT: 11.719 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

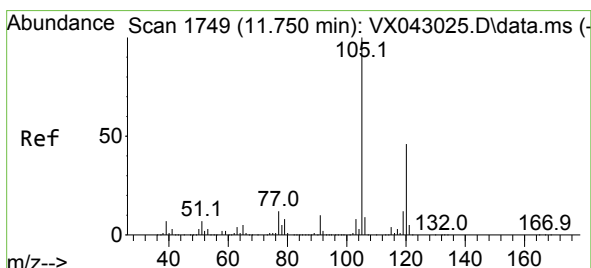
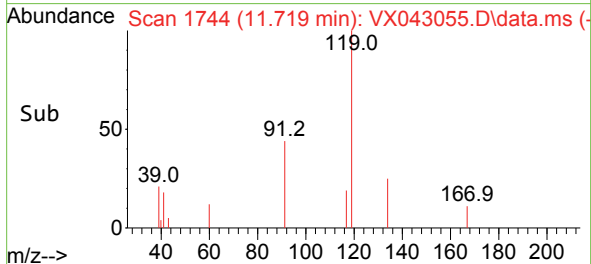
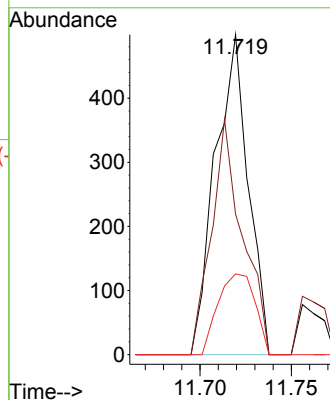
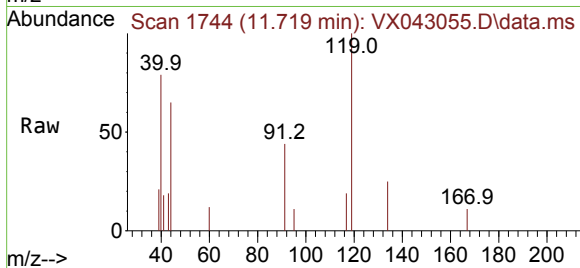
Tgt Ion:119 Resp: 625

Ion Ratio Lower Upper

119 100

91 69.3 31.2 93.6

134 28.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.168 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043055.D

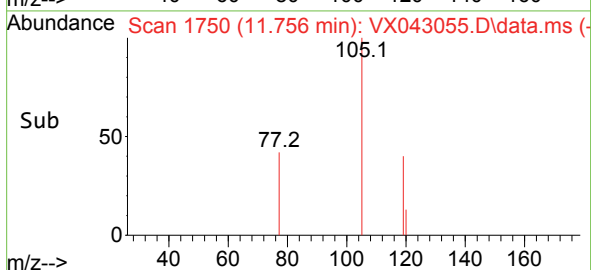
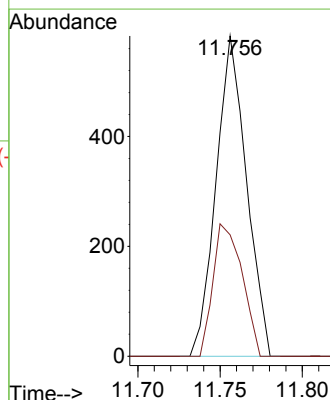
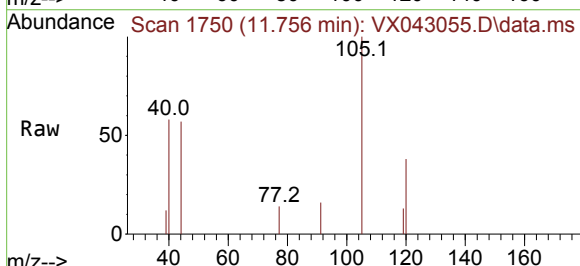
Acq: 15 Aug 2024 16:10

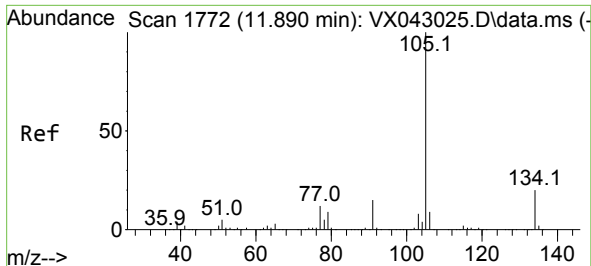
Tgt Ion:105 Resp: 750

Ion Ratio Lower Upper

105 100

120 39.3 21.2 63.6

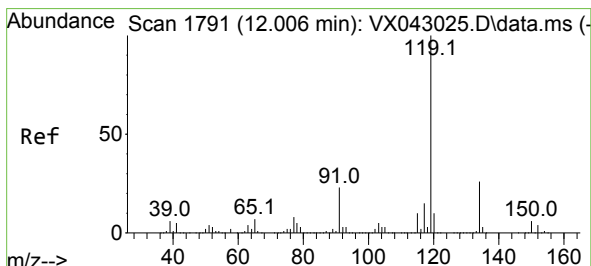
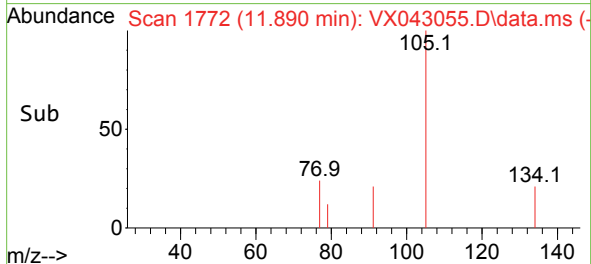
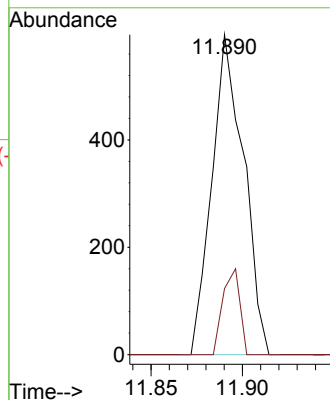
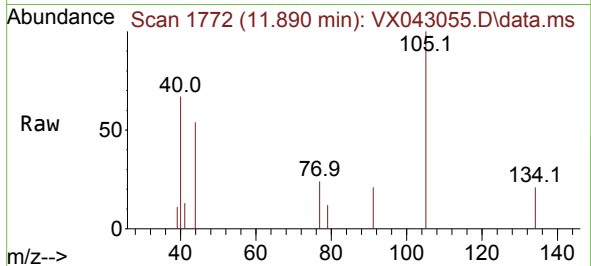




#85
 sec-Butylbenzene
 Concen: 0.130 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

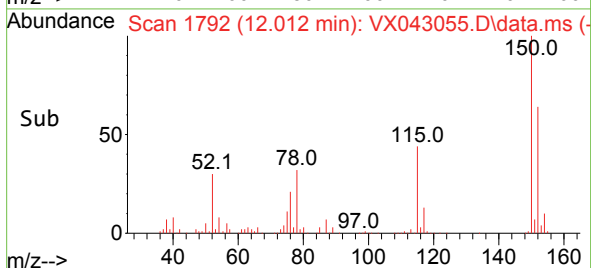
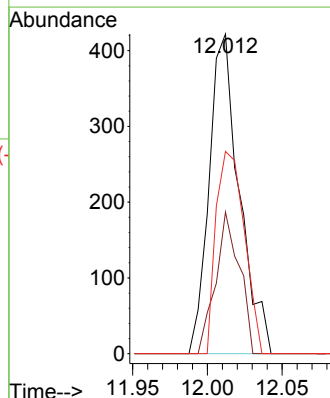
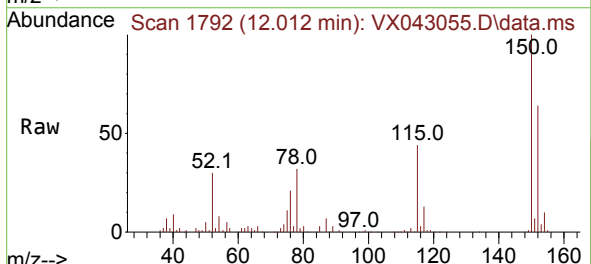
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

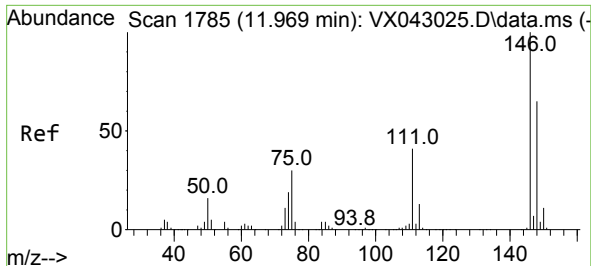
Tgt Ion:105 Resp: 722
 Ion Ratio Lower Upper
 105 100
 134 14.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.131 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

Tgt Ion:119 Resp: 592
 Ion Ratio Lower Upper
 119 100
 134 35.0 12.8 38.3
 91 59.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.188 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

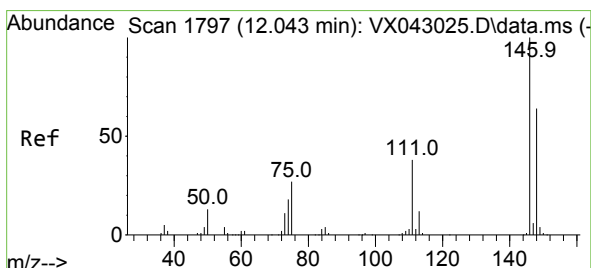
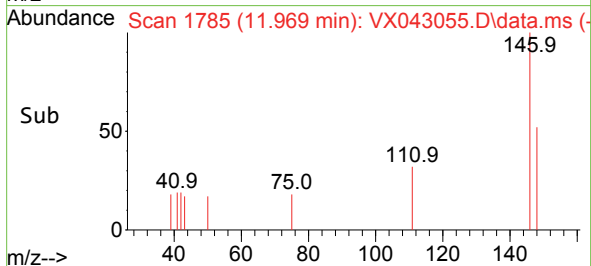
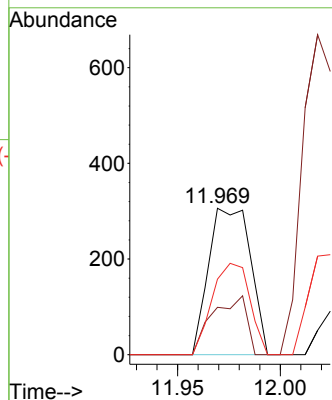
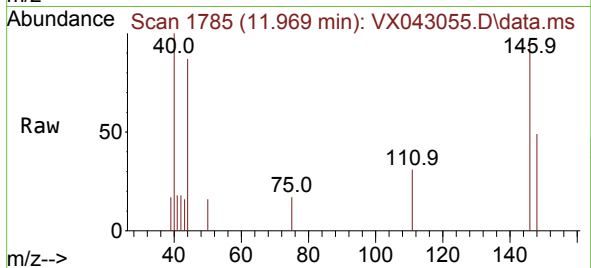
Tgt Ion:146 Resp: 435

Ion Ratio Lower Upper

146 100

111 32.4 22.1 66.1

148 55.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.184 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX043055.D

Acq: 15 Aug 2024 16:10

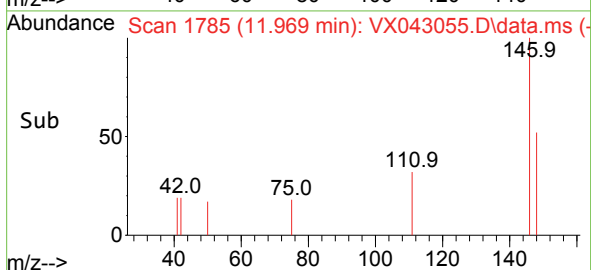
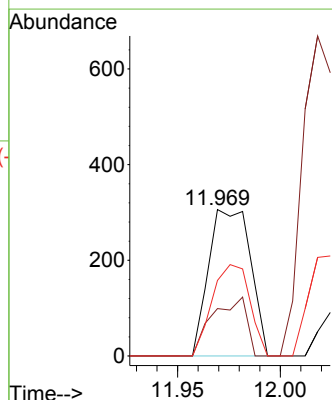
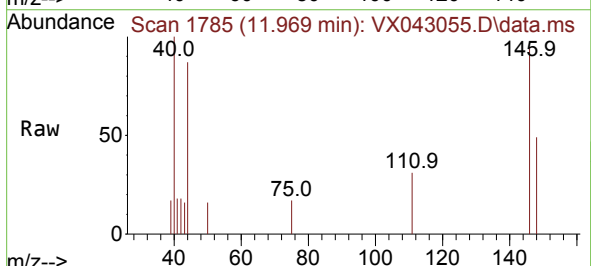
Tgt Ion:146 Resp: 435

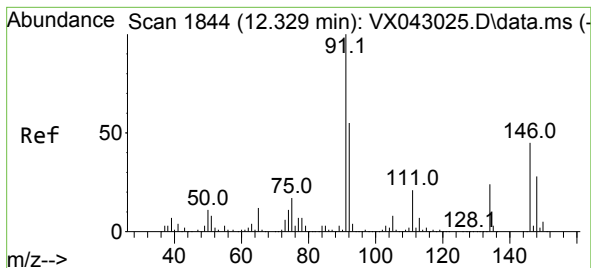
Ion Ratio Lower Upper

146 100

111 32.4 21.3 63.7

148 55.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.102 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043055.D

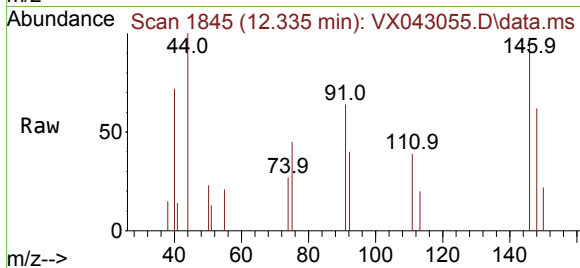
Acq: 15 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024



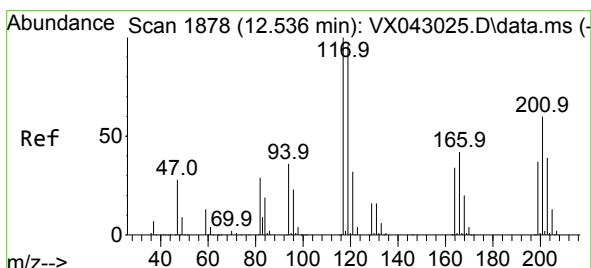
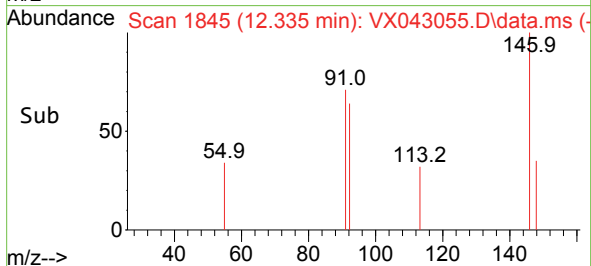
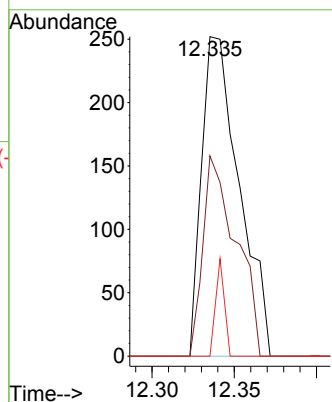
Tgt Ion: 91 Resp: 400

Ion Ratio Lower Upper

91 100

92 55.3 27.4 82.0

134 7.0 12.6 37.8#



#90

Hexachloroethane

Concen: 0.107 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX043055.D

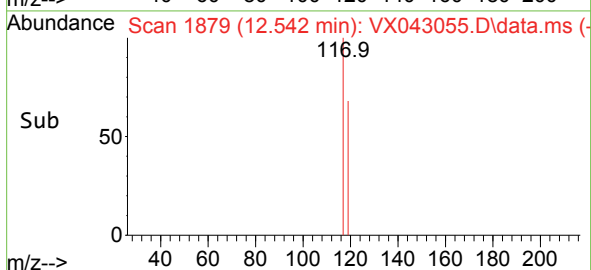
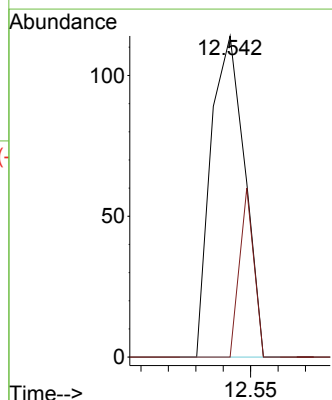
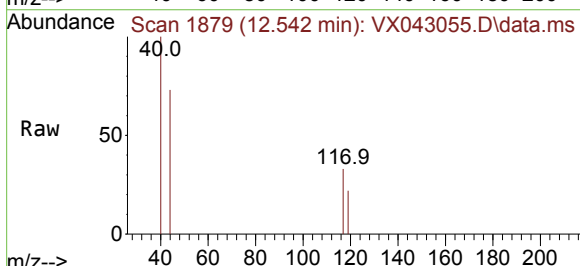
Acq: 15 Aug 2024 16:10

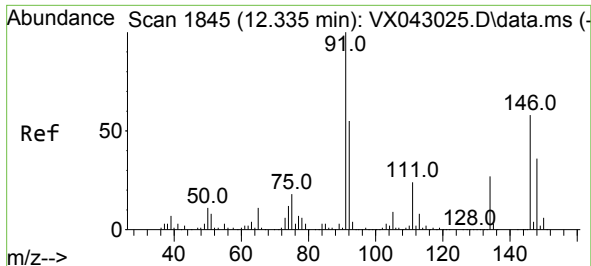
Tgt Ion: 117 Resp: 97

Ion Ratio Lower Upper

117 100

201 22.7 32.9 98.6#

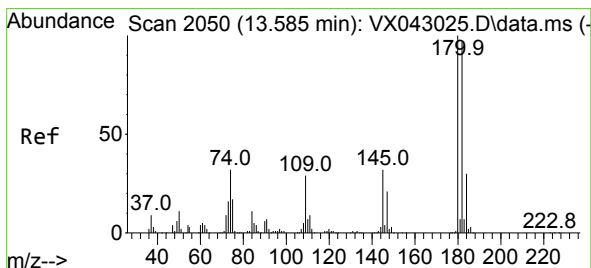
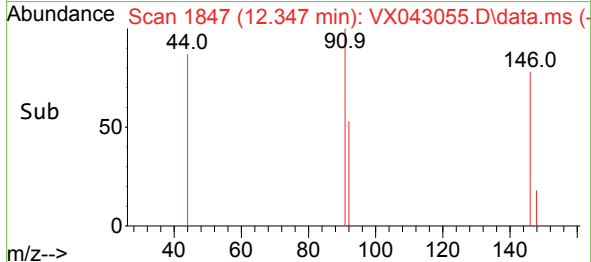
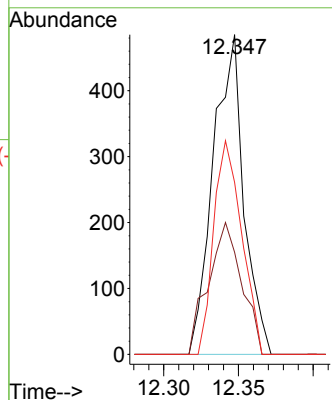
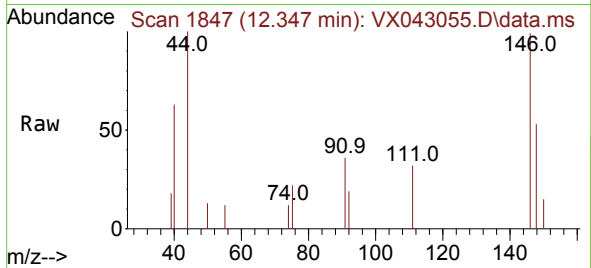




#91
1,2-Dichlorobenzene
Concen: 0.294 ug/l
RT: 12.347 min Scan# 1847
Delta R.T. 0.012 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

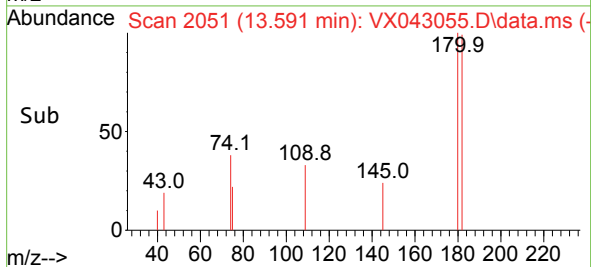
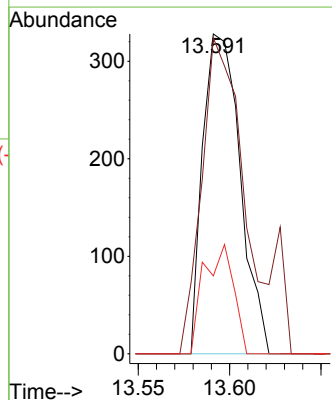
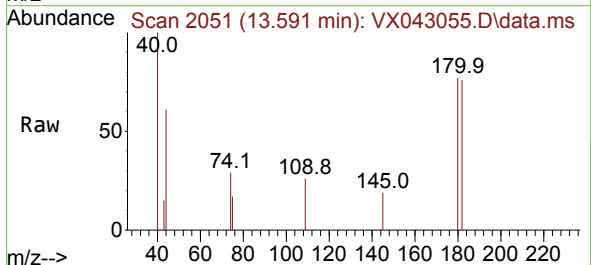
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

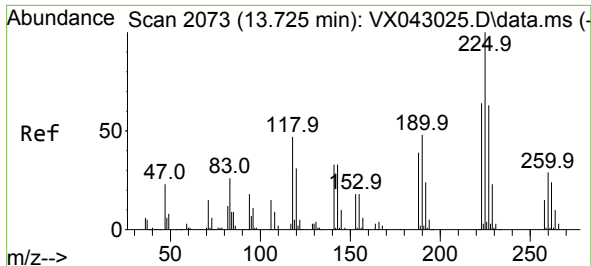
Tgt Ion:146 Resp: 687
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 61.4 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.356 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

Tgt Ion:180 Resp: 467
Ion Ratio Lower Upper
180 100
182 120.6 48.3 144.8
145 27.2 18.0 54.0

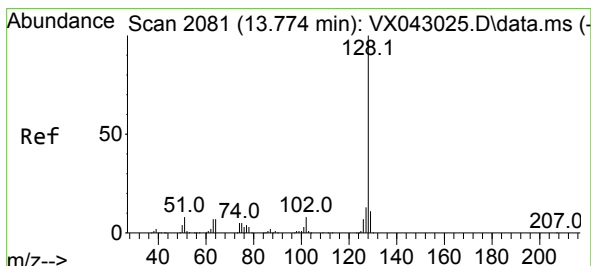
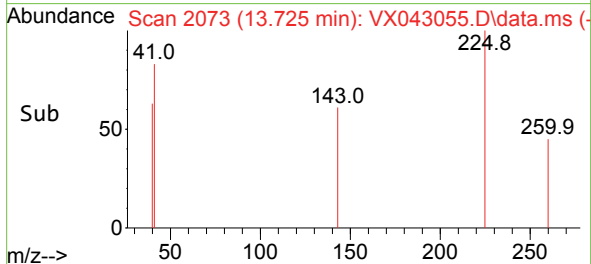
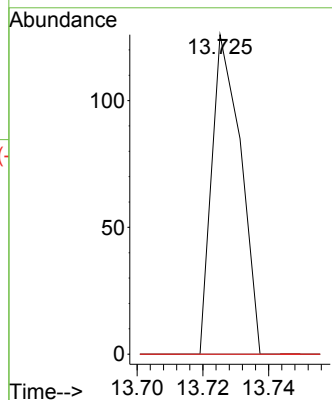
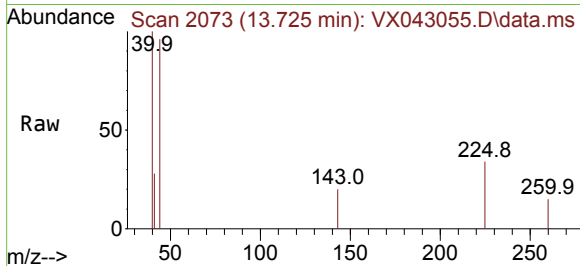




#94
Hexachlorobutadiene
Concen: 0.157 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

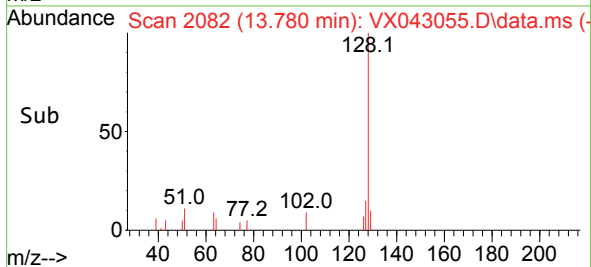
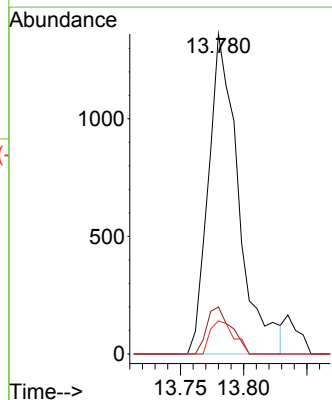
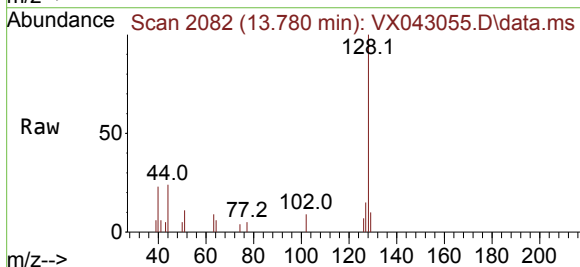
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

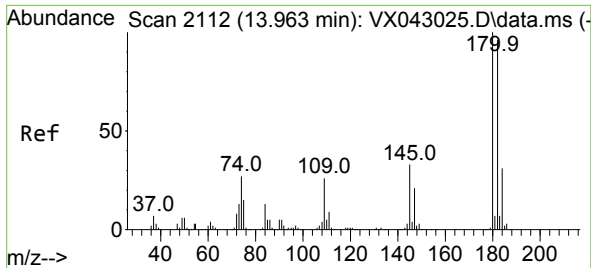
Tgt Ion:	225	Resp:	77
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	0.0	32.5	97.5#



#95
Naphthalene
Concen: 0.436 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043055.D
Acq: 15 Aug 2024 16:10

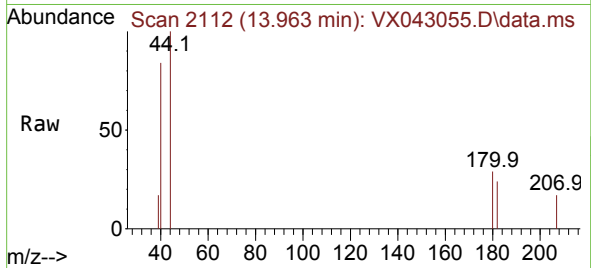
Tgt Ion:	128	Resp:	2259
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	8.1	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.105 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX043055.D
 Acq: 15 Aug 2024 16:10

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



Tgt Ion:	180	Resp:	141
Ion Ratio	Lower	Upper	
180	100		
182	83.0	46.9	140.6
145	0.0	17.8	53.5#

