

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043056.D
 Acq On : 15 Aug 2024 16:34
 Operator : JC/MD
 Sample : P3390-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 16 02:13:11 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	5.556	168	113375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76799	51.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.100%	
35) Dibromofluoromethane	5.385	113	63066	50.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	8.647	98	230337	47.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.020%	
62) 4-Bromofluorobenzene	11.079	95	76995	43.796	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	433	0.378	ug/l	85
3) Chloromethane	1.307	50	799	0.471	ug/l	92
4) Vinyl Chloride	1.374	62	679	0.398	ug/l	98
5) Bromomethane	1.593	94	502	0.972	ug/l	# 72
6) Chloroethane	1.666	64	369	0.687	ug/l	# 40
7) Trichlorofluoromethane	1.867	101	773	0.434	ug/l	84
8) Diethyl Ether	2.142	74	449	0.545	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	505	0.396	ug/l	# 84
10) Methyl Iodide	2.434	142	442	0.325	ug/l	# 71
11) Tert butyl alcohol	2.940	59	4615	12.007	ug/l	# 81
12) 1,1-Dichloroethene	2.300	96	553	0.404	ug/l	# 74
13) Acrolein	2.233	56	1271	3.271	ug/l	94
14) Allyl chloride	2.654	41	1030	0.402	ug/l	# 80
15) Acrylonitrile	3.081	53	1771	1.860	ug/l	94
16) Acetone	2.398	43	1770	2.395	ug/l	92
17) Carbon Disulfide	2.501	76	1584	0.404	ug/l	98
18) Methyl Acetate	2.709	43	1204	0.493	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1769	0.384	ug/l	99
20) Methylene Chloride	2.788	84	1402	0.821	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	683	0.479	ug/l	# 64
22) Diisopropyl ether	3.770	45	2098	0.401	ug/l	# 53
23) Vinyl Acetate	3.733	43	11793	1.933	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1061	0.402	ug/l	# 83
25) 2-Butanone	4.599	43	2790	2.154	ug/l	93
26) 2,2-Dichloropropane	4.483	77	767	0.365	ug/l	# 54
27) cis-1,2-Dichloroethene	4.495	96	586	0.340	ug/l	91
28) Bromochloromethane	4.897	49	165	0.138	ug/l	# 88
29) Tetrahydrofuran	5.044	42	1925	2.144	ug/l	# 84
30) Chloroform	5.099	83	1146	0.452	ug/l	# 82
31) Cyclohexane	5.470	56	1070	0.431	ug/l	# 83
32) 1,1,1-Trichloroethane	5.379	97	948	0.448	ug/l	# 44
36) 1,1-Dichloropropene	5.690	75	398	0.228	ug/l	# 62
37) Ethyl Acetate	4.745	43	289	0.118	ug/l	# 87
38) Carbon Tetrachloride	5.678	117	892	0.506	ug/l	# 78
39) Methylcyclohexane	7.373	83	874	0.362	ug/l	91
40) Benzene	6.050	78	2409	0.405	ug/l	# 90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	508	0.392	ug/l #	39
42) 1,2-Dichloroethane	6.111	62	824	0.477	ug/l #	77
43) Isopropyl Acetate	6.354	43	2029	0.512	ug/l #	71
44) Trichloroethene	7.147	130	554	0.412	ug/l	72
45) 1,2-Dichloropropane	7.434	63	614	0.420	ug/l	97
46) Dibromomethane	7.592	93	355	0.355	ug/l	89
47) Bromodichloromethane	7.830	83	686	0.353	ug/l #	91
48) Methyl methacrylate	7.720	41	748	0.423	ug/l #	84
49) 1,4-Dioxane	7.690	88	55	1.420	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	4604	1.827	ug/l	97
52) Toluene	8.726	92	1593	0.444	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	653	0.308	ug/l	93
54) cis-1,3-Dichloropropene	8.378	75	891	0.382	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	499	0.354	ug/l #	66
56) Ethyl methacrylate	9.134	69	820	0.321	ug/l #	63
57) 1,3-Dichloropropane	9.311	76	876	0.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	2347	1.958	ug/l	97
59) 2-Hexanone	9.445	43	3532	1.824	ug/l	94
60) Dibromochloromethane	9.531	129	645	0.434	ug/l	98
61) 1,2-Dibromoethane	9.616	107	590	0.415	ug/l	98
64) Tetrachloroethene	9.275	164	538	0.487	ug/l	89
65) Chlorobenzene	10.079	112	1681	0.455	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	10.159	131	461	0.370	ug/l #	61
67) Ethyl Benzene	10.195	91	2456	0.382	ug/l	99
68) m/p-Xylenes	10.305	106	1932	0.782	ug/l	90
69) o-Xylene	10.640	106	1051	0.424	ug/l	99
70) Styrene	10.665	104	1545	0.371	ug/l	91
71) Bromoform	10.811	173	493	0.477	ug/l #	99
73) Isopropylbenzene	10.963	105	2318	0.424	ug/l	98
74) N-amyl acetate	10.854	43	1165	0.374	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	903	0.429	ug/l #	94
76) 1,2,3-Trichloropropane	11.079	75	37856	23.056	ug/l #	39
77) Bromobenzene	11.201	156	587	0.447	ug/l	98
78) n-propylbenzene	11.305	91	2660	0.427	ug/l	95
79) 2-Chlorotoluene	11.366	91	1892	0.488	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1894	0.421	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	37856	50.289	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1835	0.425	ug/l	100
83) tert-Butylbenzene	11.713	119	1915	0.411	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1861	0.410	ug/l	80
85) sec-Butylbenzene	11.890	105	2277	0.403	ug/l	94
86) p-Isopropyltoluene	12.012	119	1732	0.375	ug/l	87
87) 1,3-Dichlorobenzene	11.975	146	1068	0.452	ug/l	90
88) 1,4-Dichlorobenzene	11.975	146	1068	0.442	ug/l	91
89) n-Butylbenzene	12.335	91	1324	0.331	ug/l	91
90) Hexachloroethane	12.542	117	341	0.367	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	1137	0.478	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	164	0.399	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	572	0.427	ug/l	97
94) Hexachlorobutadiene	13.725	225	208	0.416	ug/l	75
95) Naphthalene	13.780	128	2178	0.412	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	661	0.482	ug/l	70

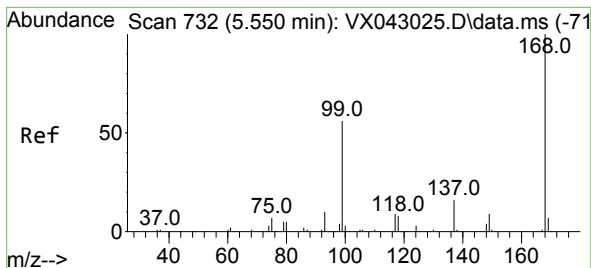
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

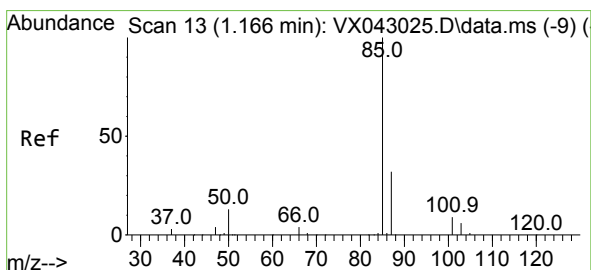
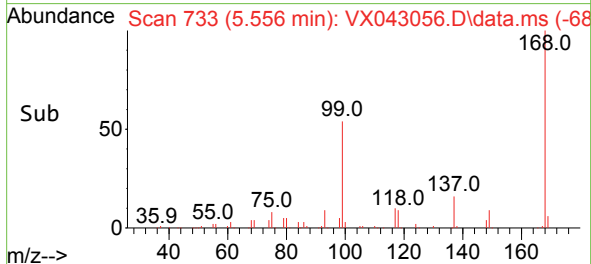
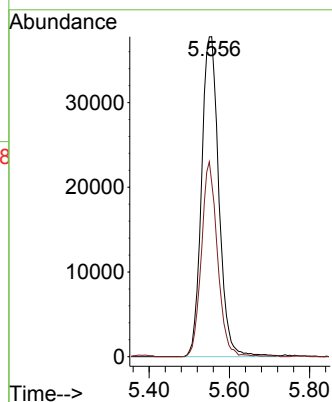
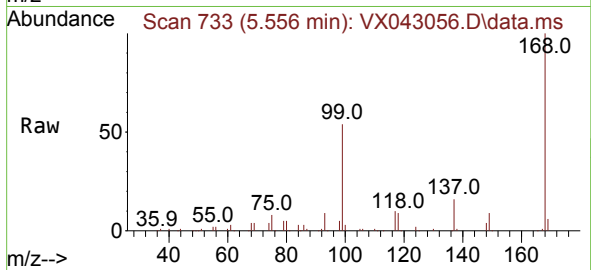
MDL-WATER-03-QT3-2024

Tgt Ion:168 Resp: 113375

Ion Ratio Lower Upper

168 100

99 54.4 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 0.378 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX043056.D

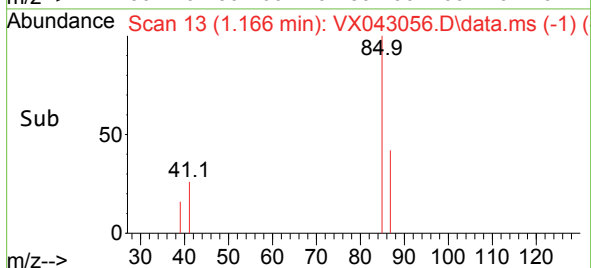
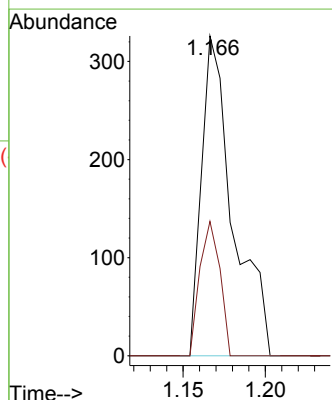
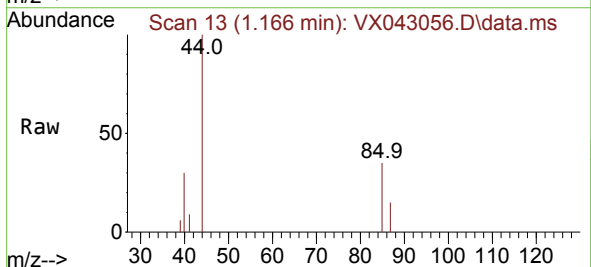
Acq: 15 Aug 2024 16:34

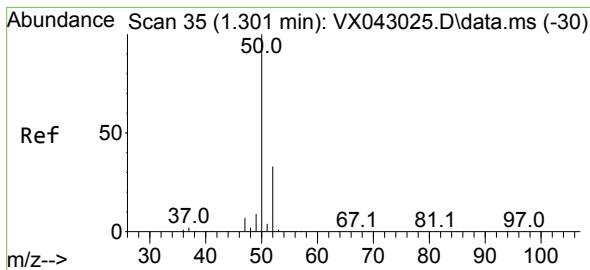
Tgt Ion: 85 Resp: 433

Ion Ratio Lower Upper

85 100

87 42.0 16.7 50.1





#3

Chloromethane

Concen: 0.471 ug/l

RT: 1.307 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

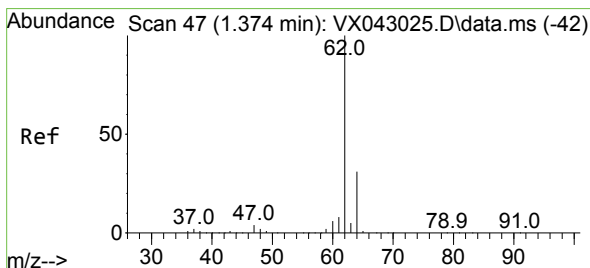
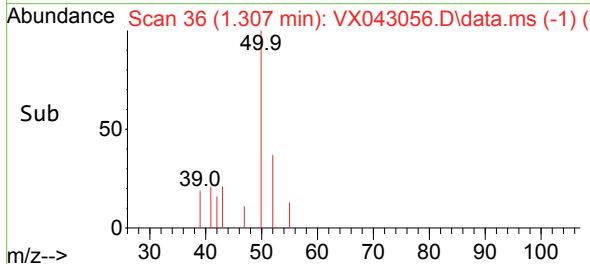
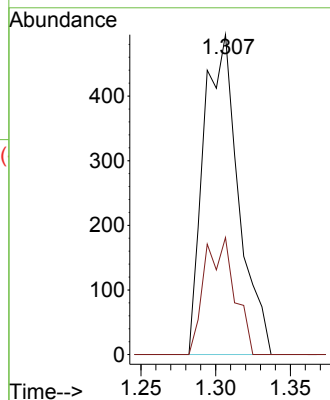
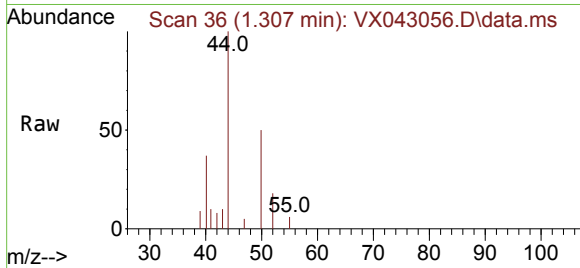
MDL-WATER-03-QT3-2024

Tgt Ion: 50 Resp: 799

Ion Ratio Lower Upper

50 100

52 36.6 25.5 38.3



#4

Vinyl Chloride

Concen: 0.398 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043056.D

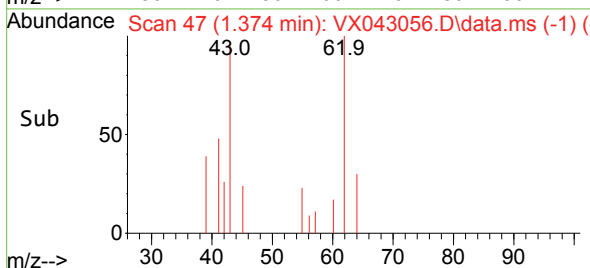
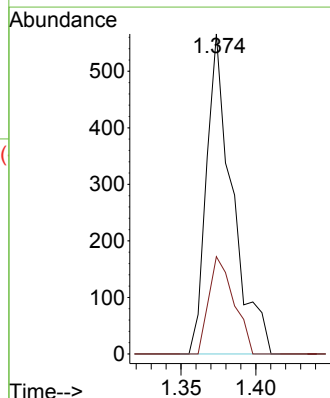
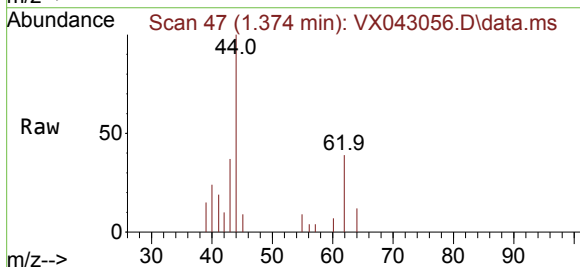
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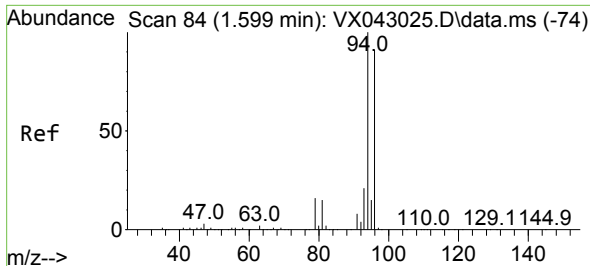
Tgt Ion: 62 Resp: 679

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0

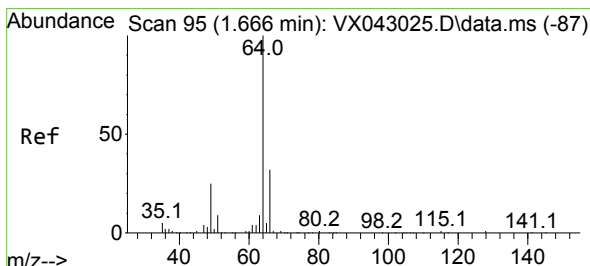
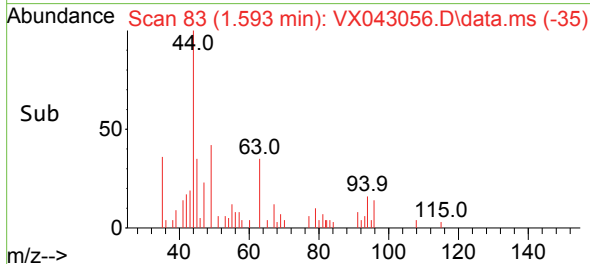
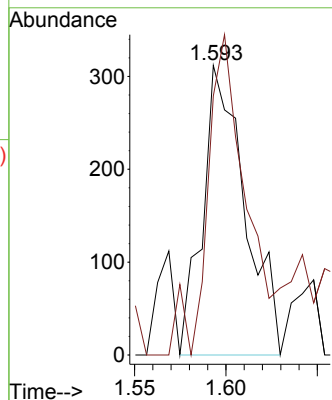
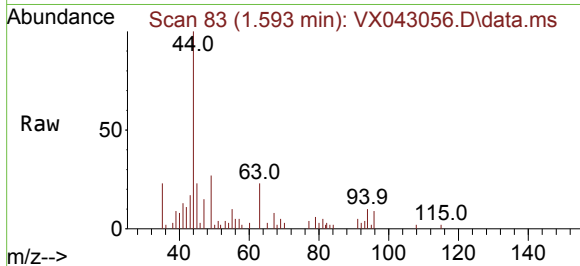




#5
Bromomethane
Concen: 0.972 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

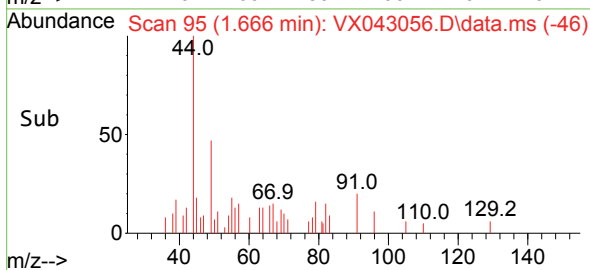
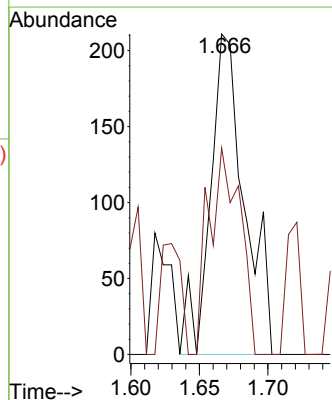
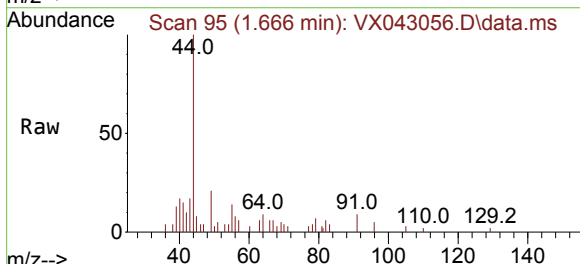
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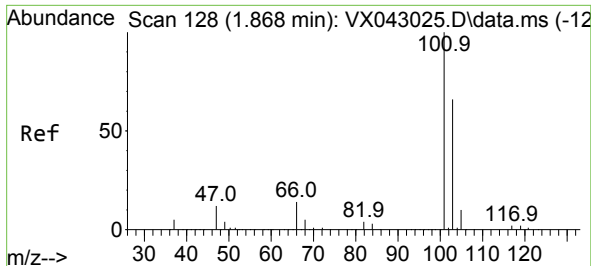
Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 66.3 74.6 111.8#



#6
Chloroethane
Concen: 0.687 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 64 Resp: 369
Ion Ratio Lower Upper
64 100
66 64.5 25.1 37.7#

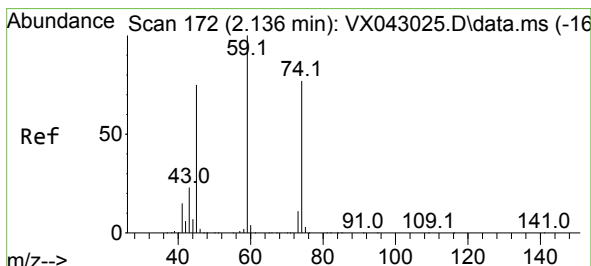
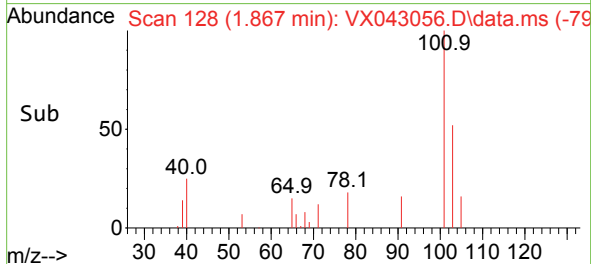
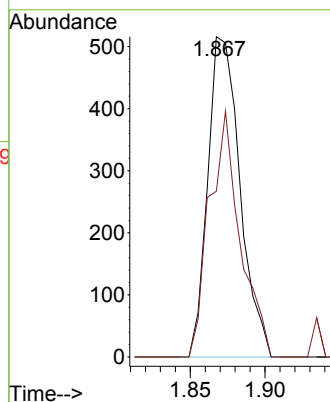
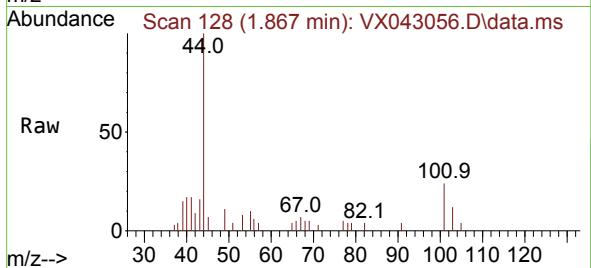




#7
Trichlorofluoromethane
Concen: 0.434 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

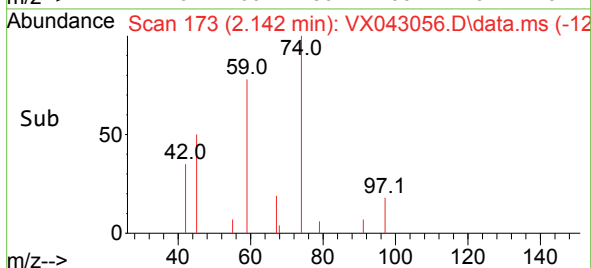
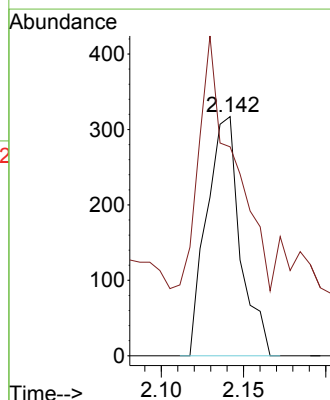
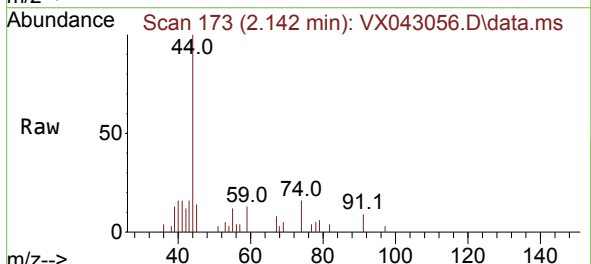
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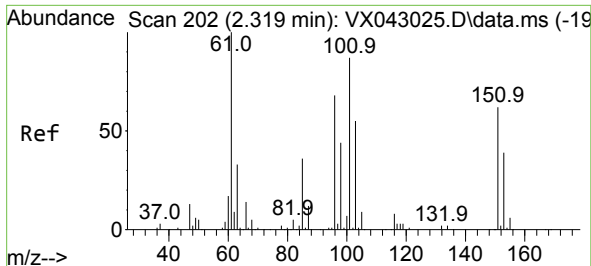
Tgt Ion:101 Resp: 773
Ion Ratio Lower Upper
101 100
103 51.7 51.4 77.2



#8
Diethyl Ether
Concen: 0.545 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 74 Resp: 449
Ion Ratio Lower Upper
74 100
45 109.4 53.3 159.8

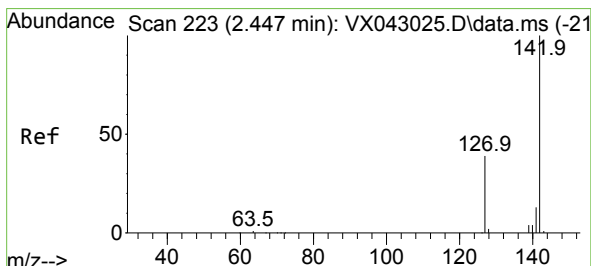
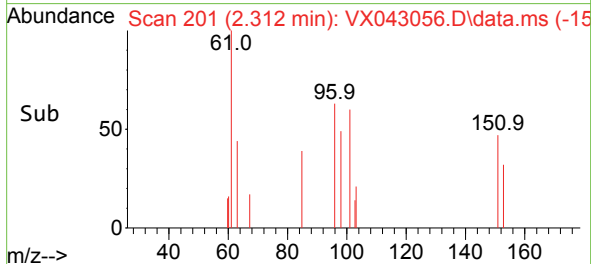
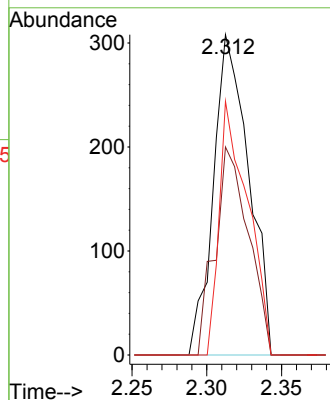
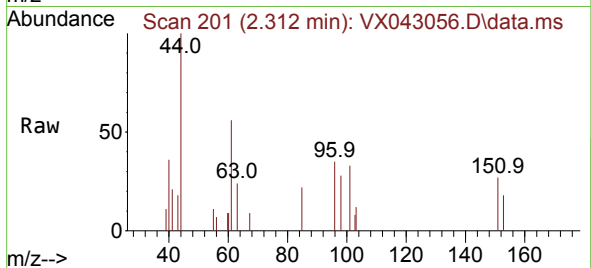




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.396 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043056.D
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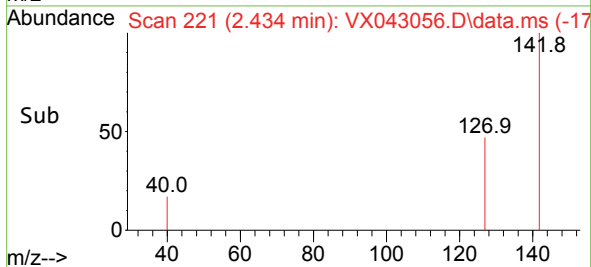
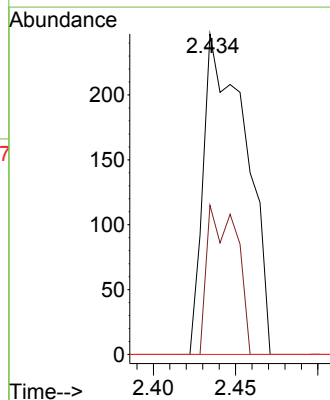
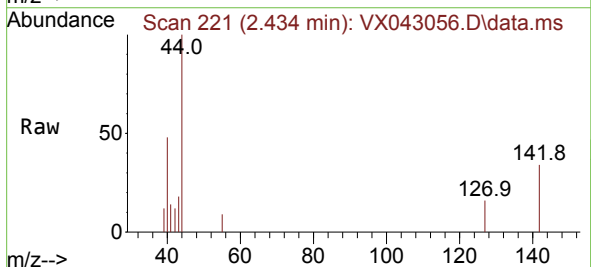
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

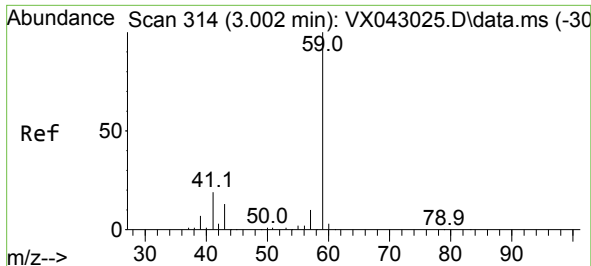
Tgt Ion:101 Resp: 505
Ion Ratio Lower Upper
101 100
85 61.8 37.0 55.6#
151 64.2 58.6 87.8



#10
Methyl Iodide
Concen: 0.325 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion:142 Resp: 442
Ion Ratio Lower Upper
142 100
127 32.6 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 12.007 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.061 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

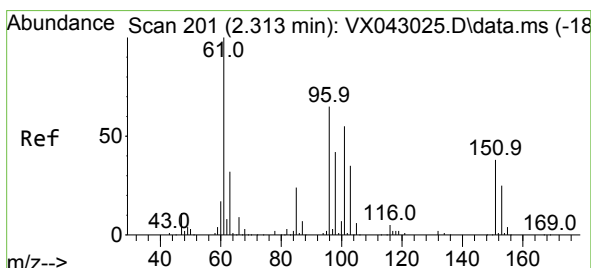
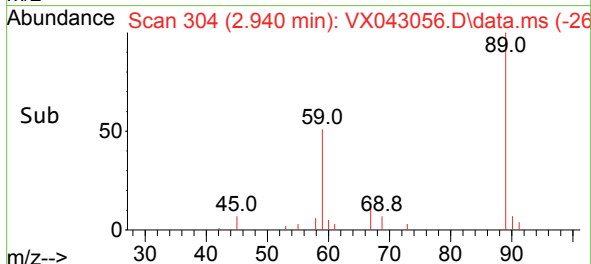
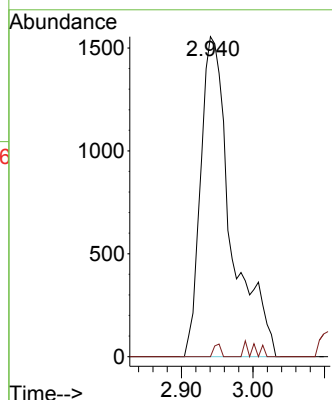
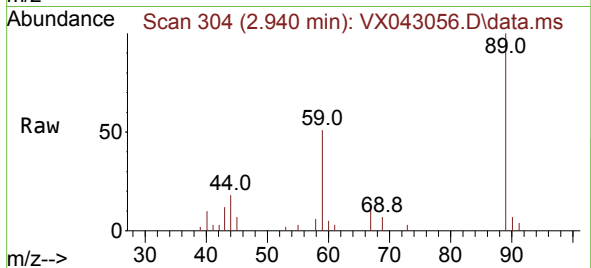
MDL-WATER-03-QT3-2024

Tgt Ion: 59 Resp: 4615

Ion Ratio Lower Upper

59 100

57 0.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.404 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.012 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

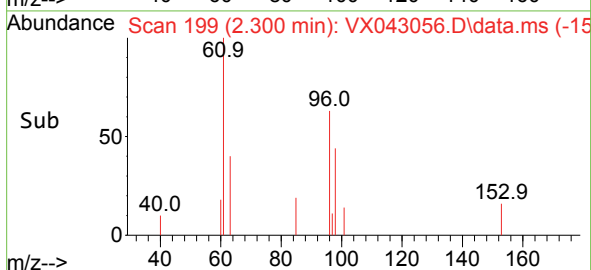
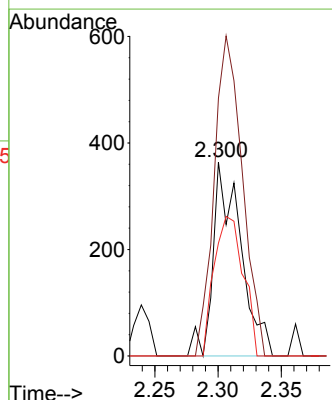
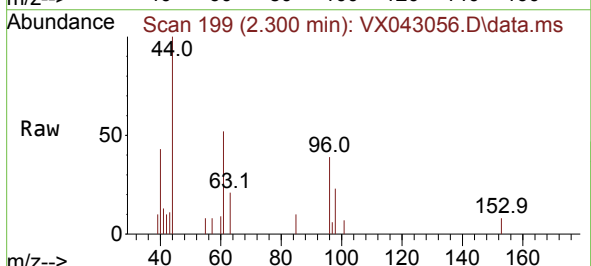
Tgt Ion: 96 Resp: 553

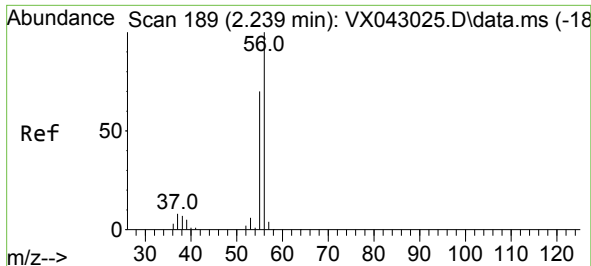
Ion Ratio Lower Upper

96 100

61 133.0 144.6 216.8#

98 58.2 50.4 75.6

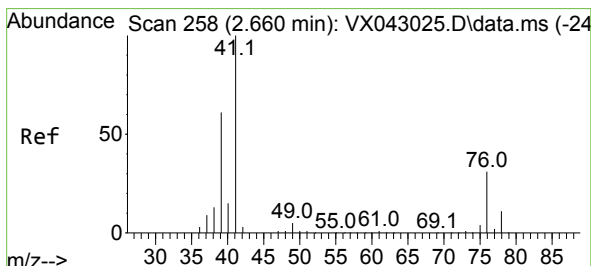
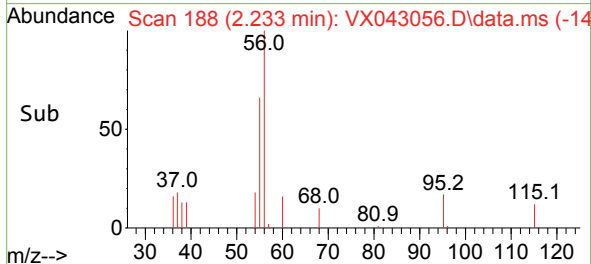
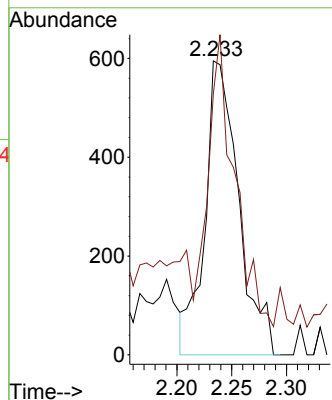
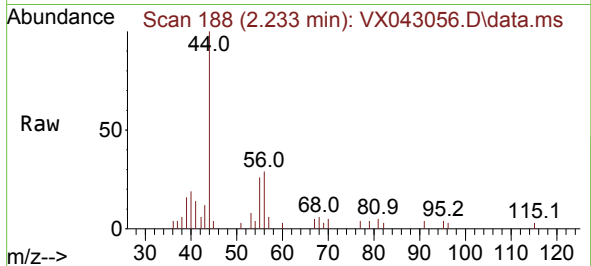




#13
Acrolein
Concen: 3.271 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

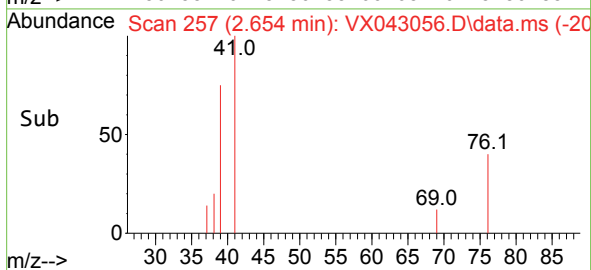
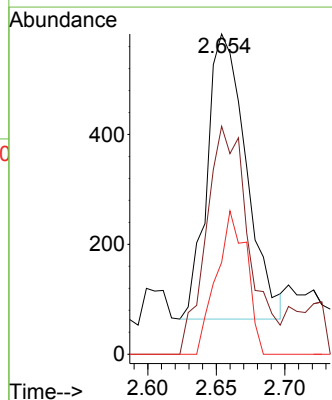
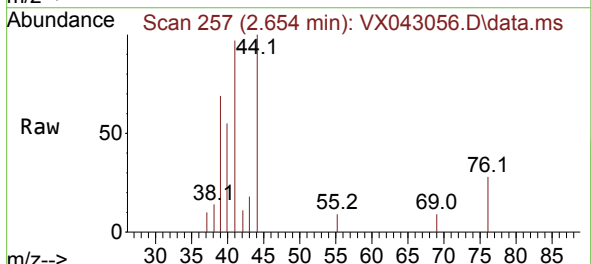
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

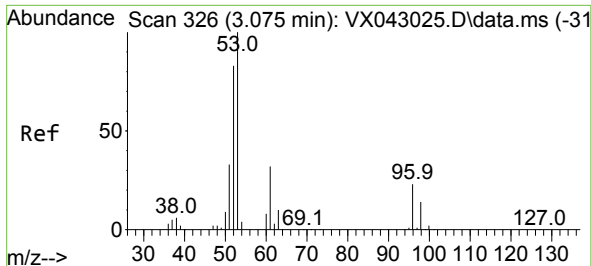
Tgt Ion: 56 Resp: 1271
Ion Ratio Lower Upper
56 100
55 76.7 57.1 85.7



#14
Allyl chloride
Concen: 0.402 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 41 Resp: 1030
Ion Ratio Lower Upper
41 100
39 87.5 55.8 83.6#
76 38.6 24.3 36.5#

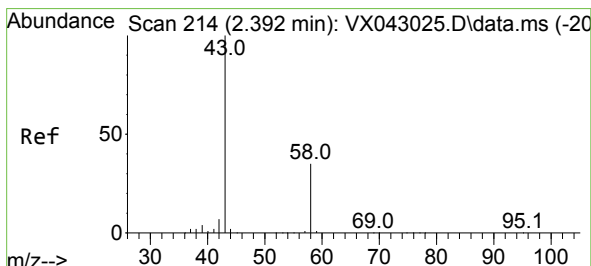
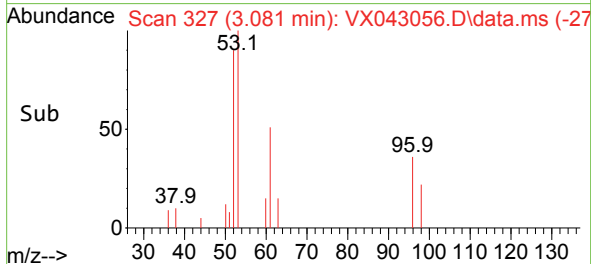
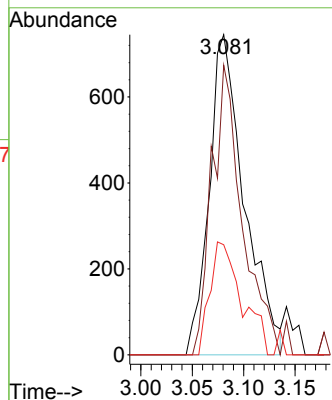
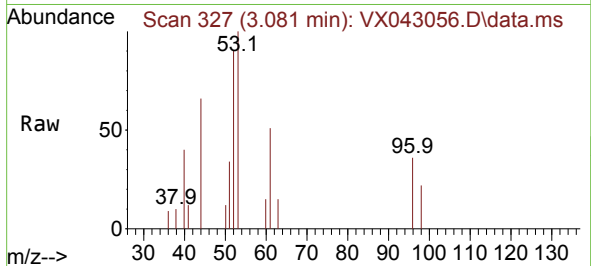




#15
Acrylonitrile
Concen: 1.860 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

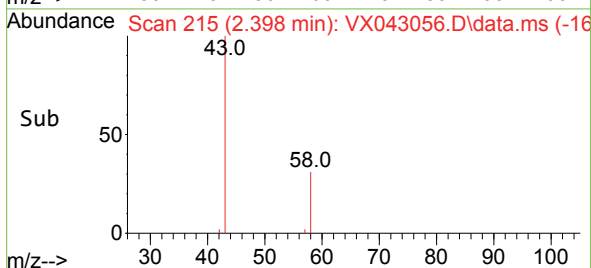
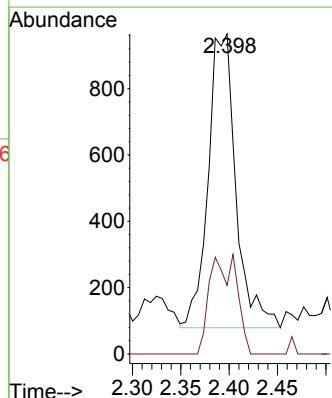
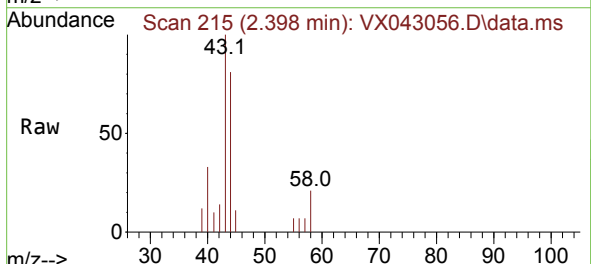
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

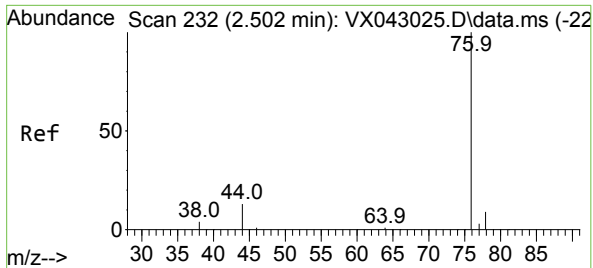
Tgt Ion:	53	Resp:	1771
Ion	Ratio	Lower	Upper
53	100		
52	78.6	66.0	99.0
51	32.0	29.8	44.6



#16
Acetone
Concen: 2.395 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion:	43	Resp:	1770
Ion	Ratio	Lower	Upper
43	100		
58	23.4	21.9	32.9

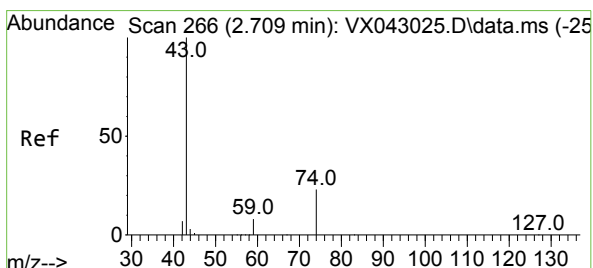
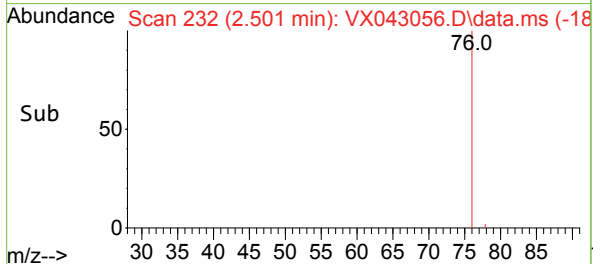
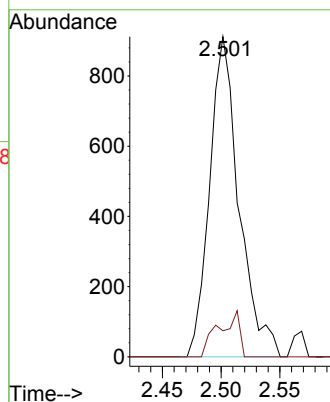
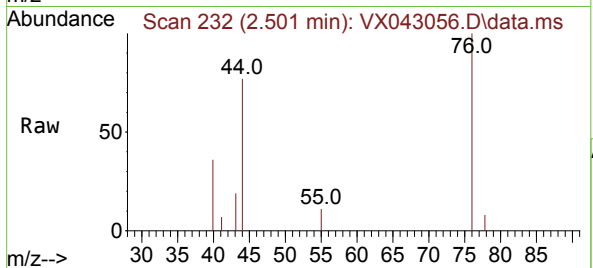




#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

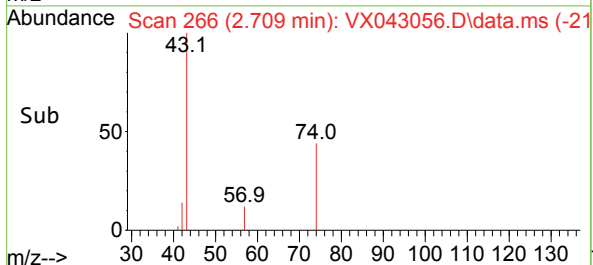
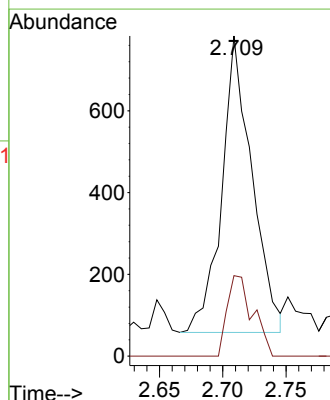
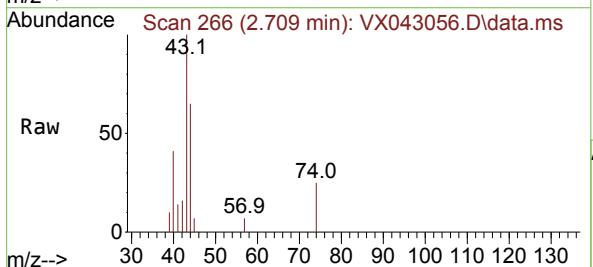
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

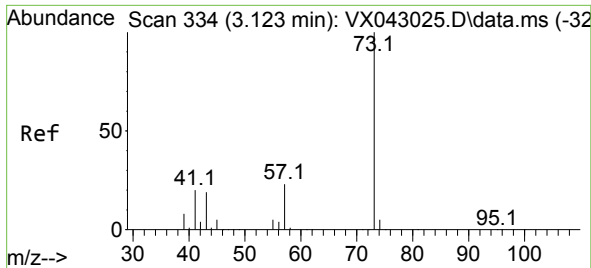
Tgt Ion: 76 Resp: 1584
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6



#18
Methyl Acetate
Concen: 0.493 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8

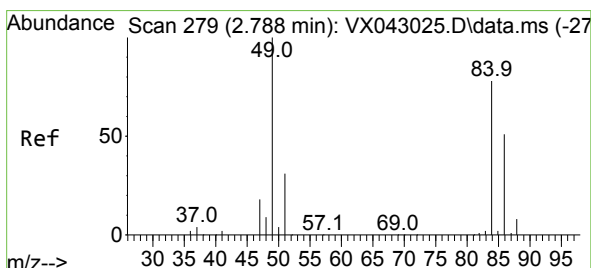
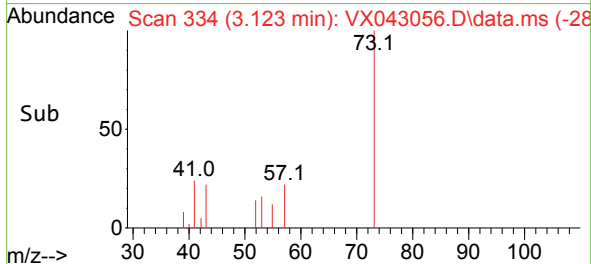
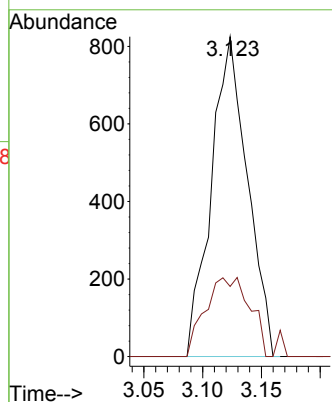
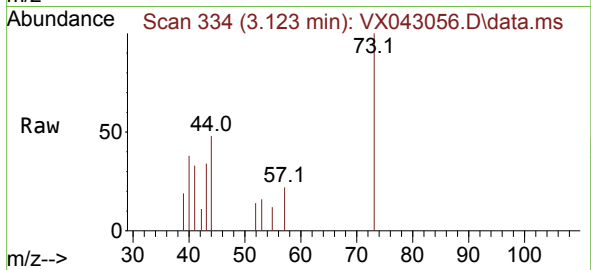




#19
Methyl tert-butyl Ether
Concen: 0.384 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

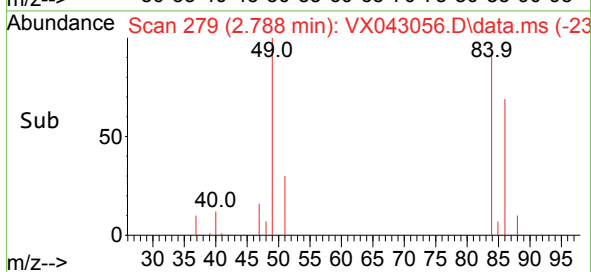
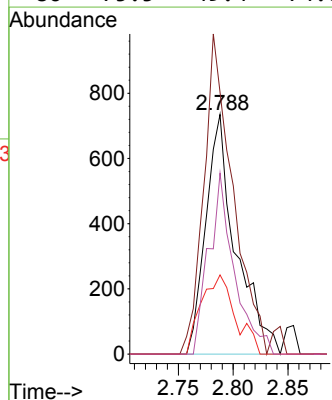
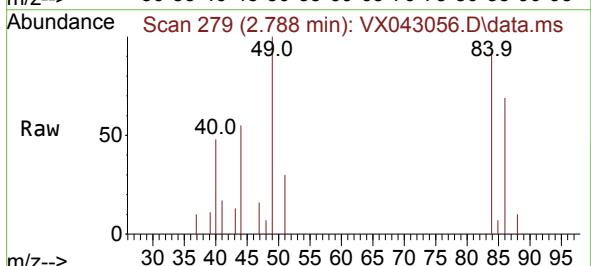
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

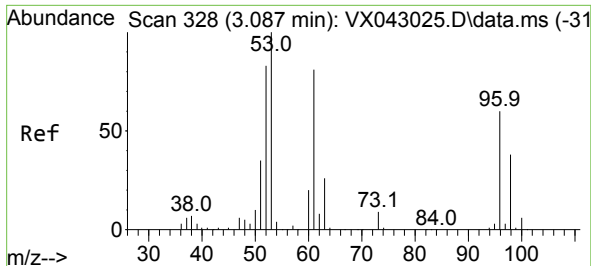
Tgt Ion: 73 Resp: 1769
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 84 Resp: 1402
Ion Ratio Lower Upper
84 100
49 109.3 103.6 155.4
51 33.1 33.8 50.6#
86 75.5 49.4 74.0#

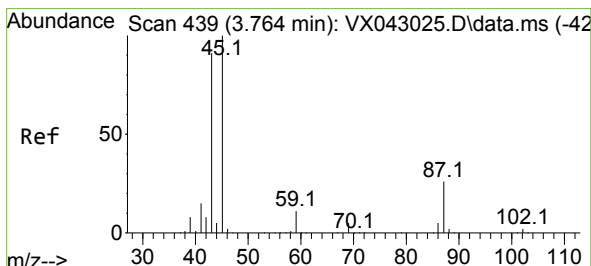
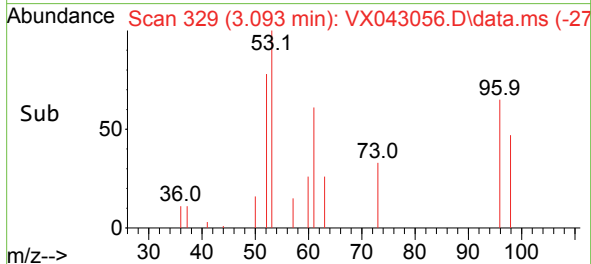
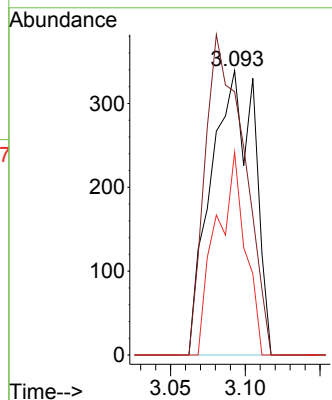
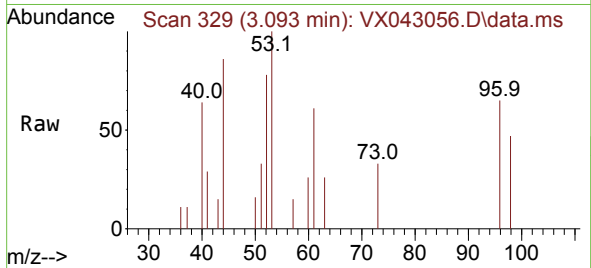




#21
trans-1,2-Dichloroethene
Concen: 0.479 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

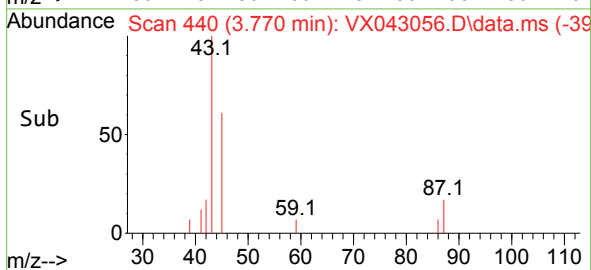
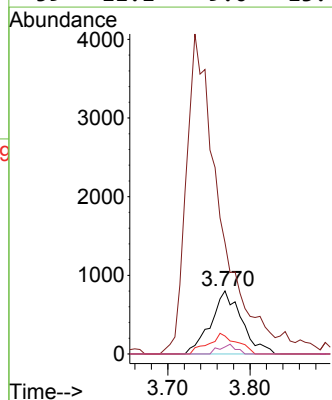
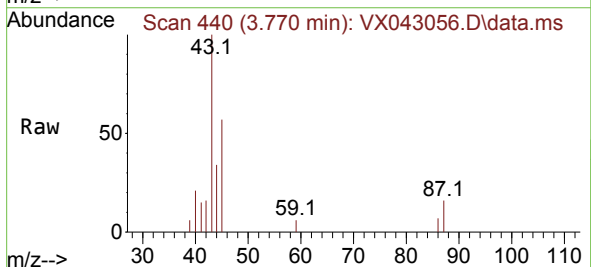
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

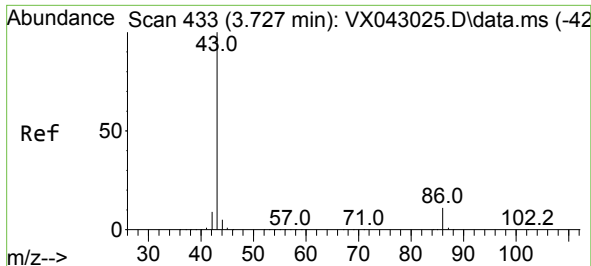
Tgt Ion: 96 Resp: 683
Ion Ratio Lower Upper
96 100
61 92.6 119.2 178.8#
98 71.4 48.7 73.1



#22
Diisopropyl ether
Concen: 0.401 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 45 Resp: 2098
Ion Ratio Lower Upper
45 100
43 148.3 69.7 104.5#
87 28.4 20.8 31.2
59 11.1 9.0 13.4

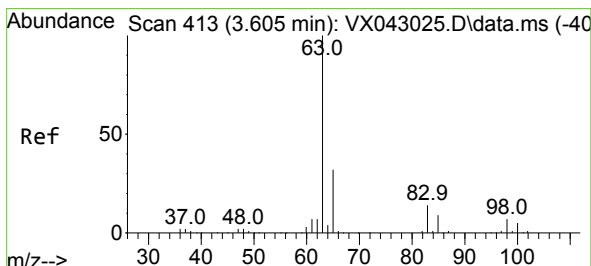
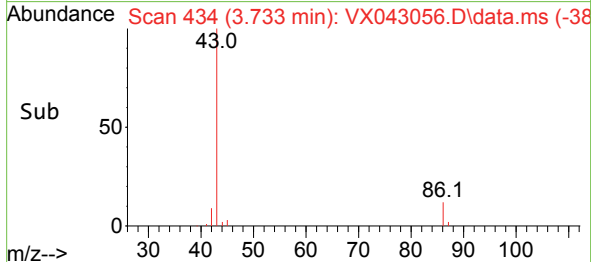
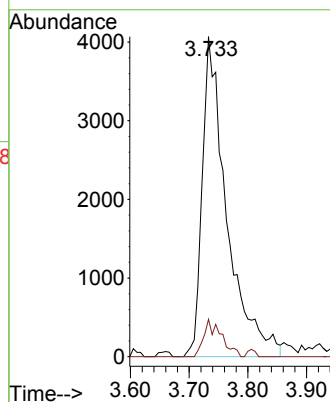
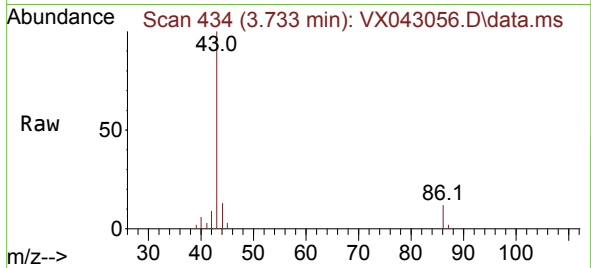




#23
Vinyl Acetate
Concen: 1.933 ug/l
RT: 3.733 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

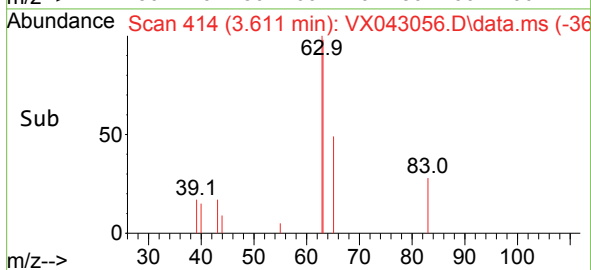
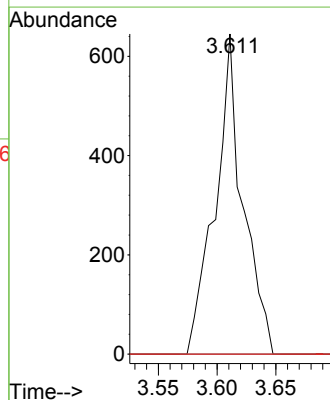
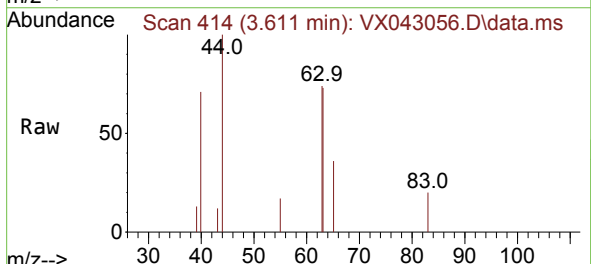
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

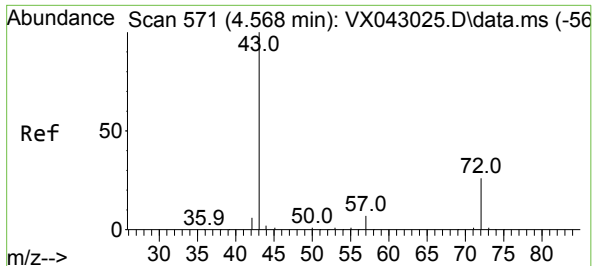
Tgt Ion: 43 Resp: 11793
Ion Ratio Lower Upper
43 100
86 11.7 7.8 11.8



#24
1,1-Dichloroethane
Concen: 0.402 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 63 Resp: 1061
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

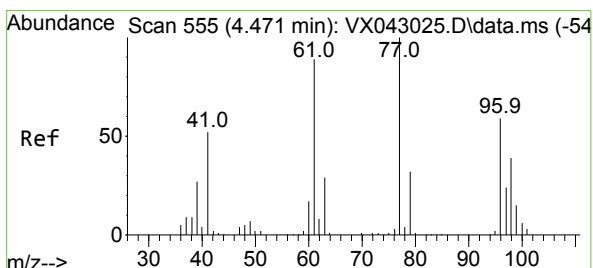
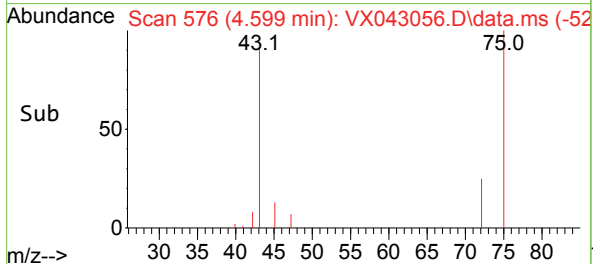
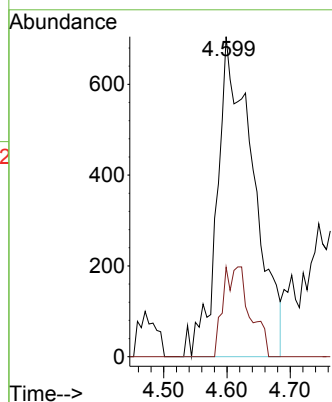
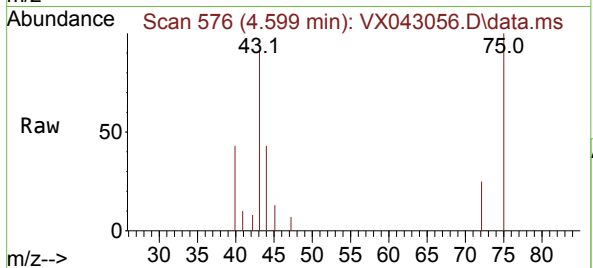




#25
2-Butanone
Concen: 2.154 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

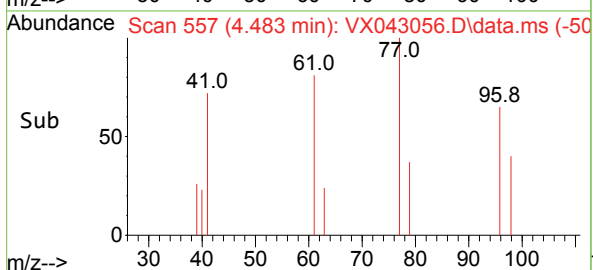
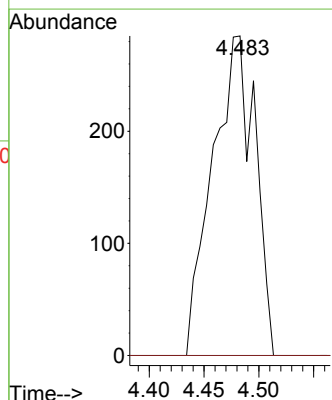
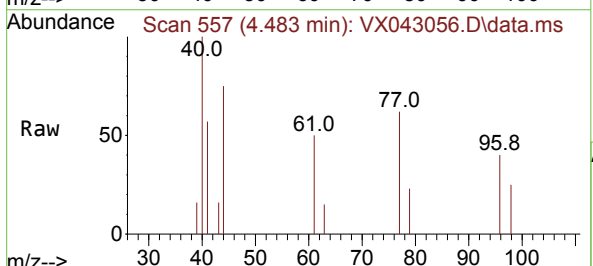
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

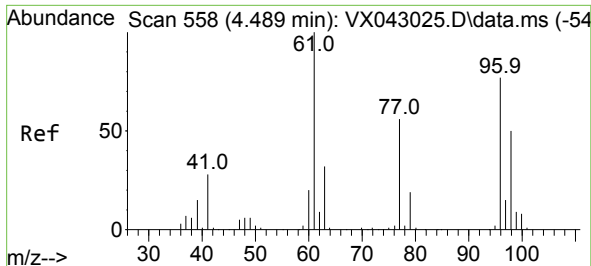
Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.365 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 77 Resp: 767
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.340 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

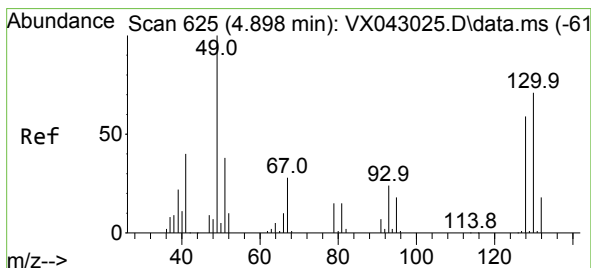
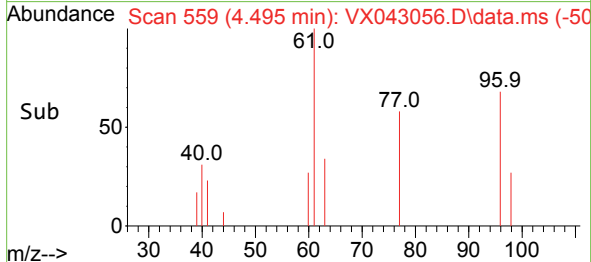
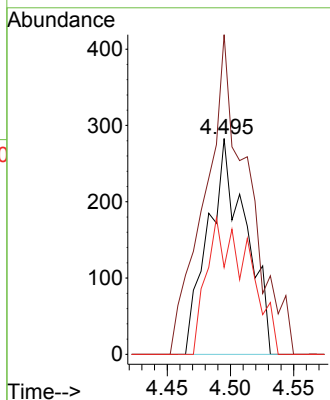
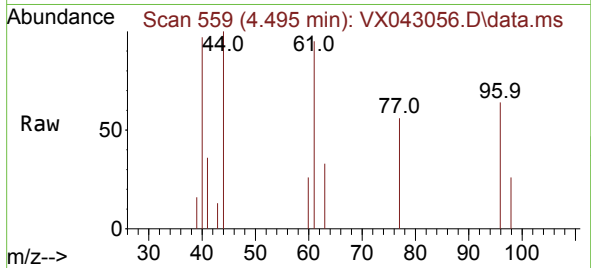
Tgt Ion: 96 Resp: 586

Ion Ratio Lower Upper

96 100

61 169.5 0.0 312.2

98 70.1 0.0 129.0



#28

Bromochloromethane

Concen: 0.138 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

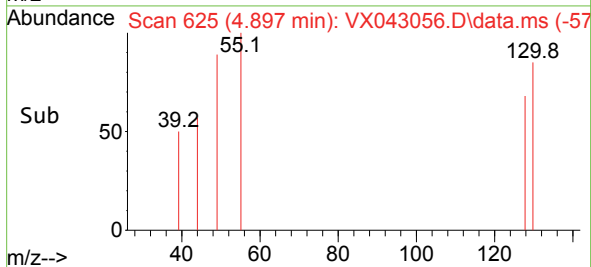
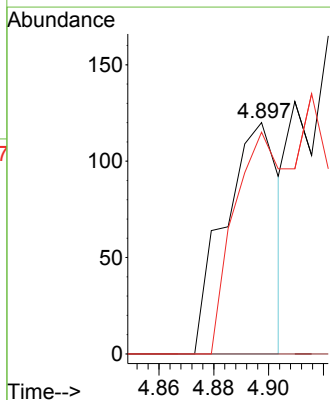
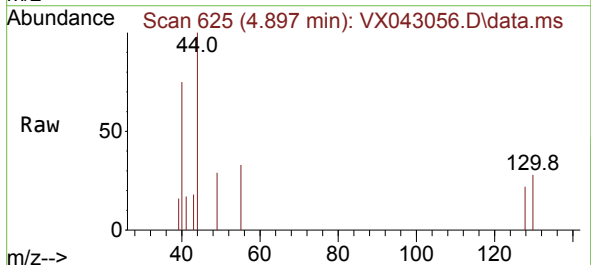
Tgt Ion: 49 Resp: 165

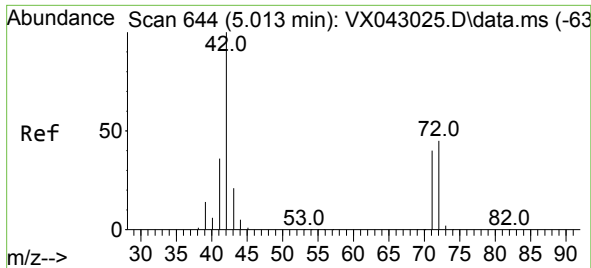
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 81.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 2.144 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX043056.D

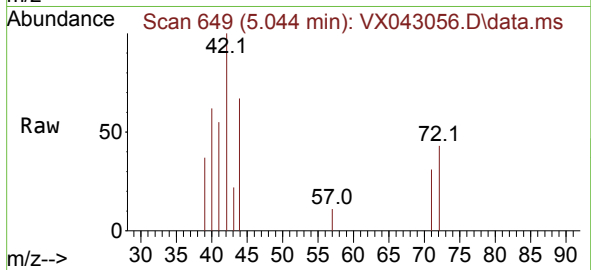
Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024



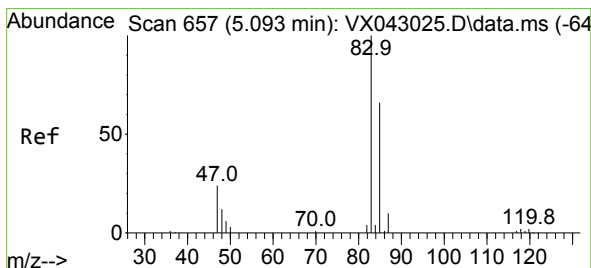
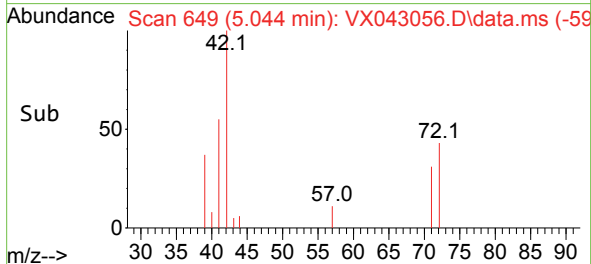
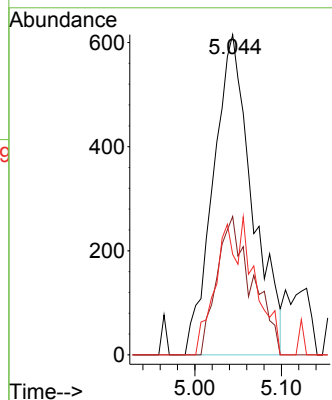
Tgt Ion: 42 Resp: 1925

Ion Ratio Lower Upper

42 100

72 39.1 34.2 51.4

71 23.2 32.2 48.2#



#30

Chloroform

Concen: 0.452 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX043056.D

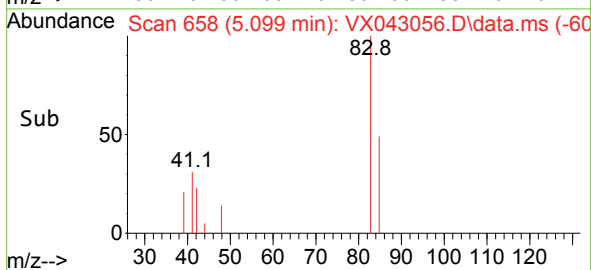
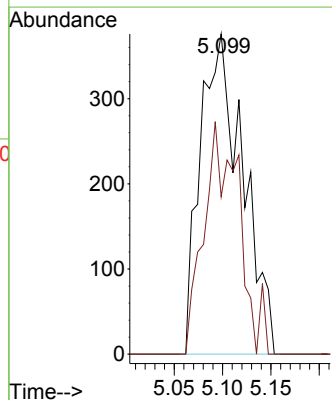
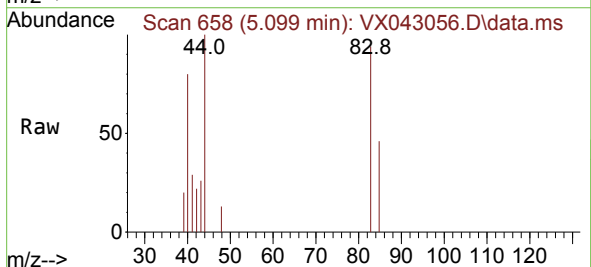
Acq: 15 Aug 2024 16:34

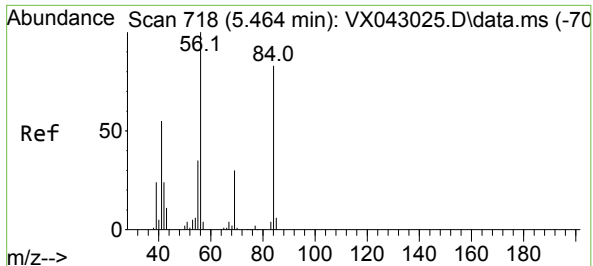
Tgt Ion: 83 Resp: 1146

Ion Ratio Lower Upper

83 100

85 49.2 50.3 75.5#

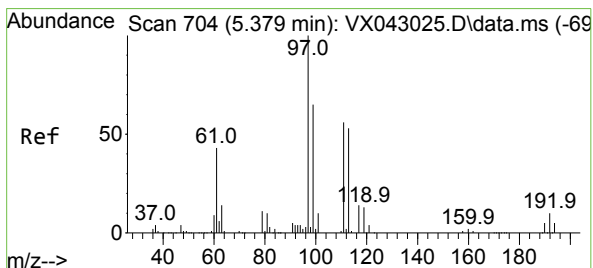
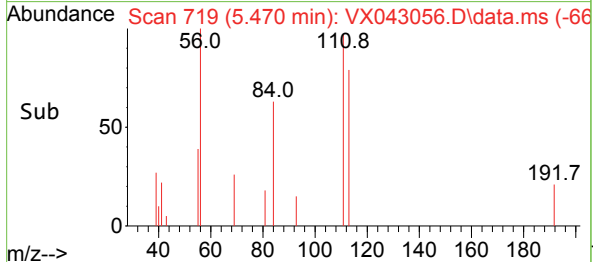
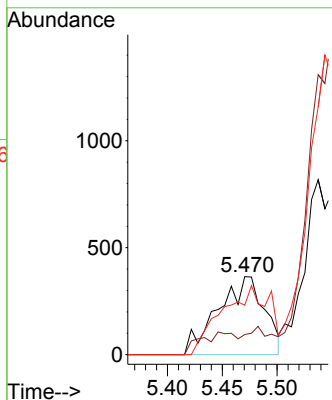
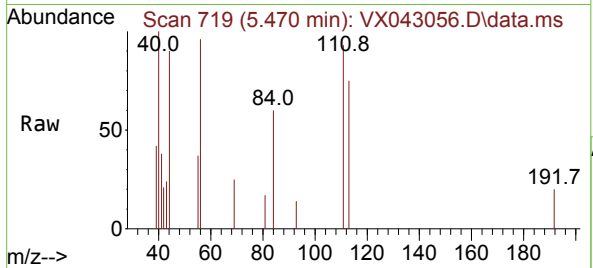




#31
Cyclohexane
Concen: 0.431 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

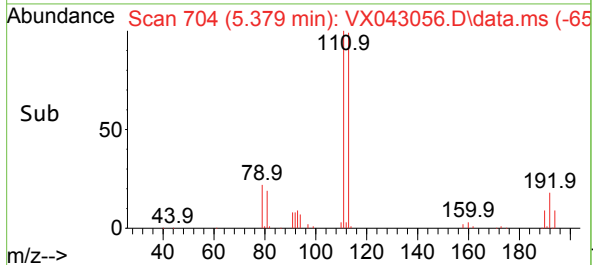
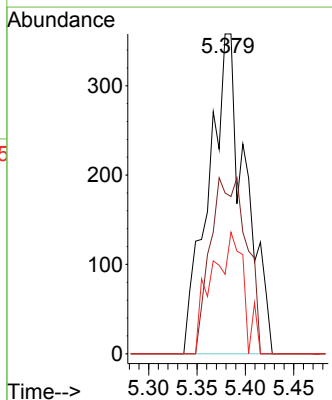
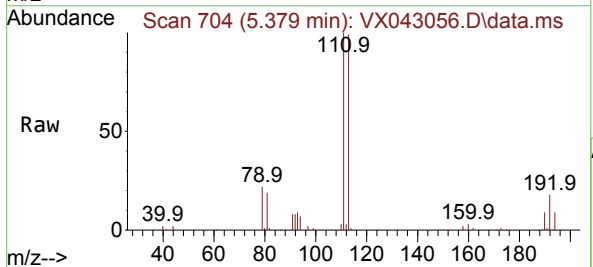
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

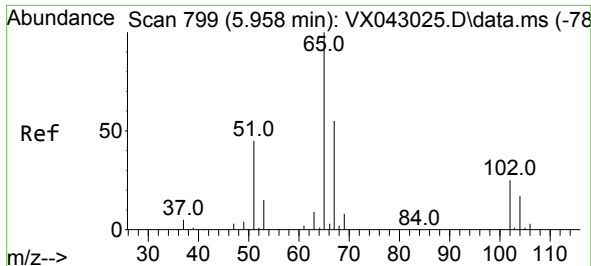
Tgt Ion: 56 Resp: 1070
Ion Ratio Lower Upper
56 100
69 25.8 23.4 35.2
84 63.3 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.448 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 97 Resp: 948
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 33.1 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 51.551 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

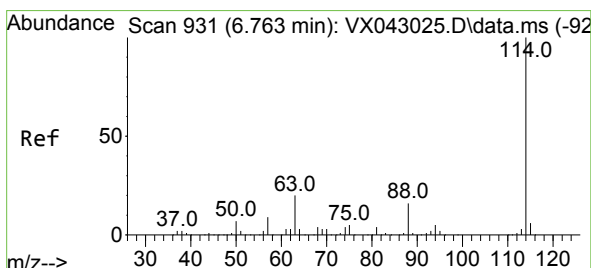
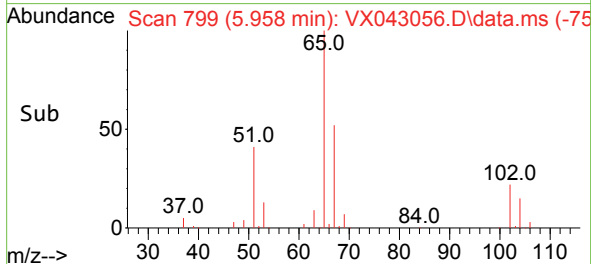
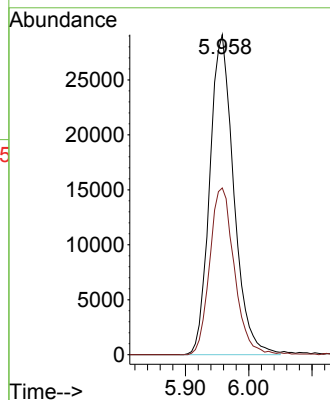
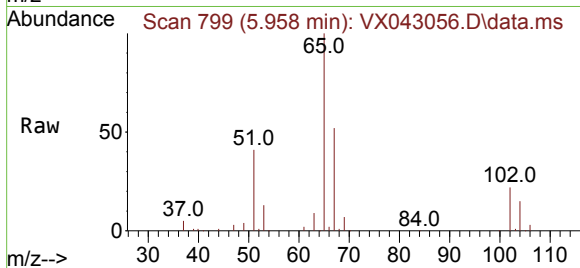
MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 76799

Ion Ratio Lower Upper

65 100

67 53.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

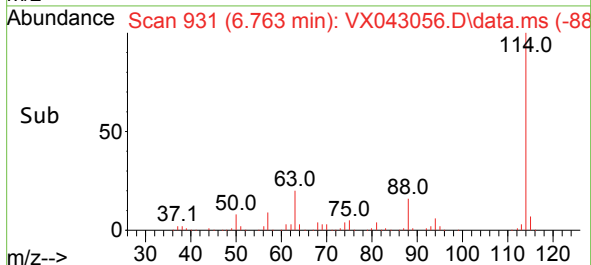
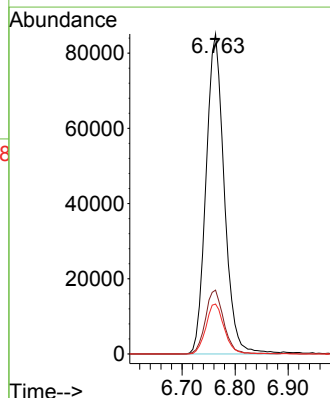
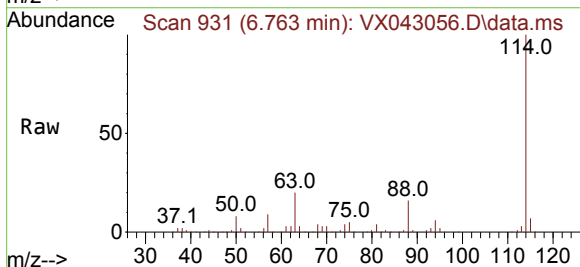
Tgt Ion: 114 Resp: 203028

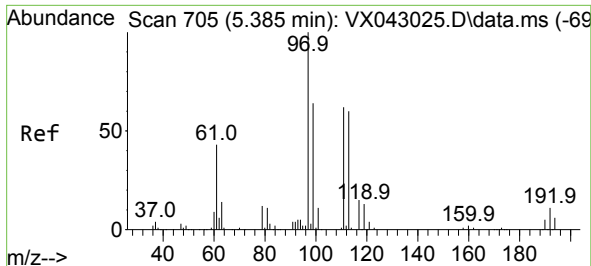
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.212 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043056.D

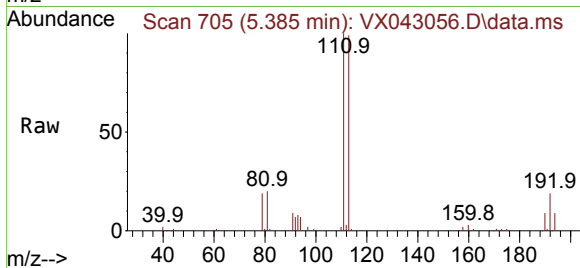
Acq: 15 Aug 2024 16:34

Instrument :

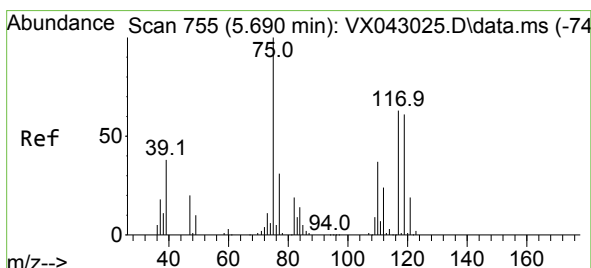
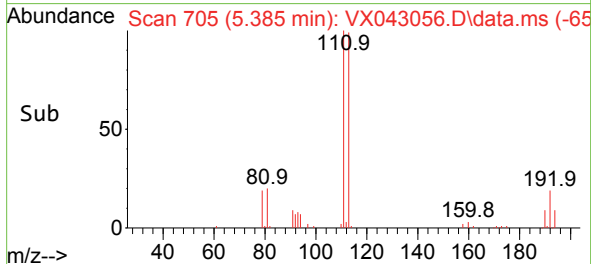
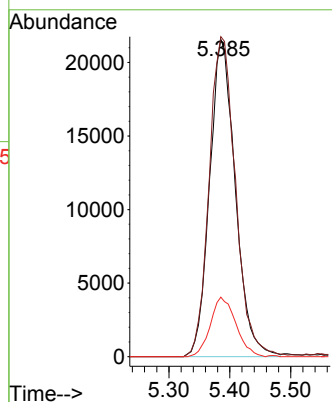
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	113	Resp:	63066
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.7	13.3	19.9



#36

1,1-Dichloropropene

Concen: 0.228 ug/l

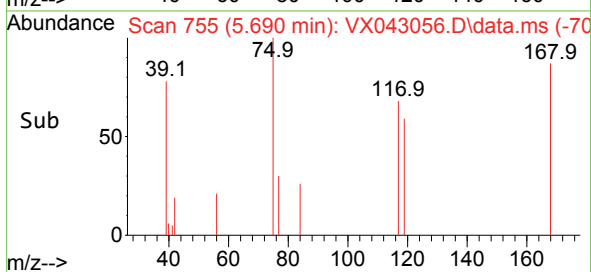
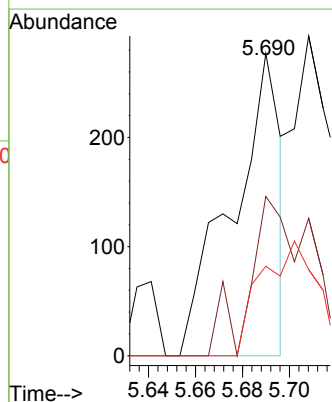
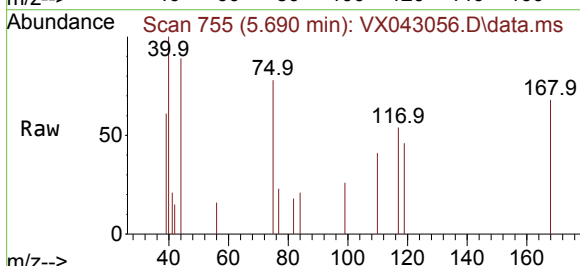
RT: 5.690 min Scan# 755

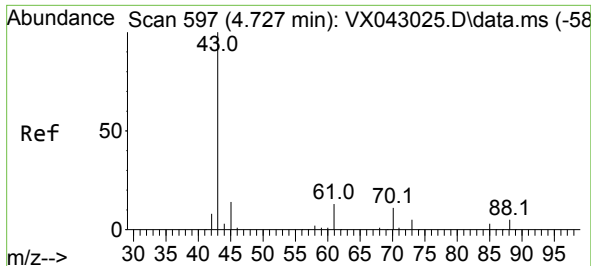
Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Tgt Ion:	75	Resp:	398
Ion	Ratio	Lower	Upper
75	100		
110	63.8	17.0	50.9#
77	42.7	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.118 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

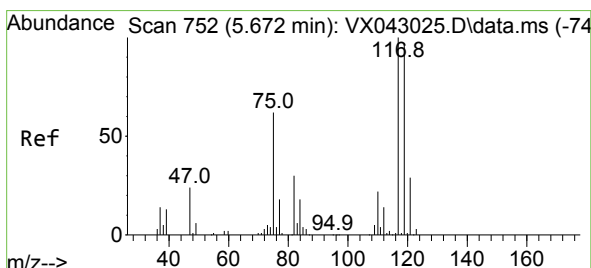
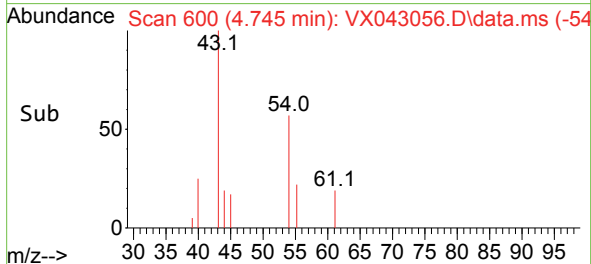
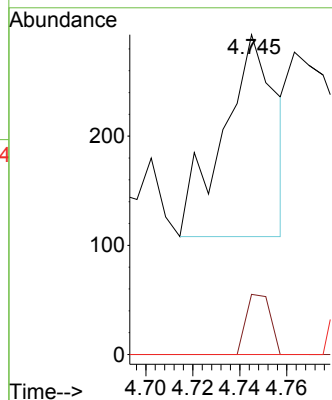
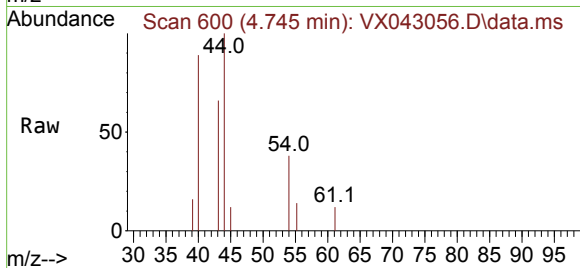
Tgt Ion: 43 Resp: 289

Ion Ratio Lower Upper

43 100

61 13.8 10.6 16.0

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.506 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

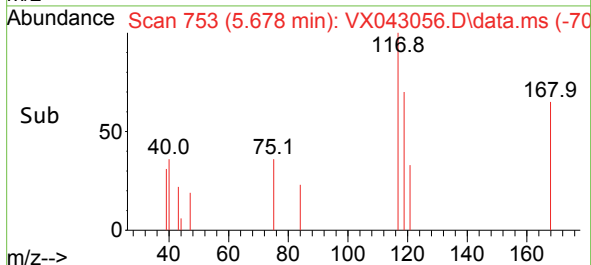
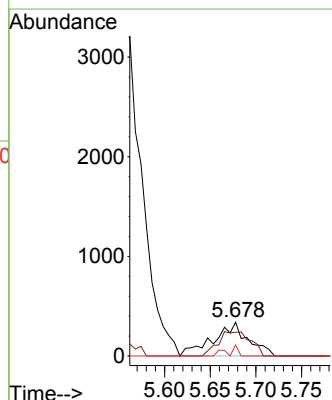
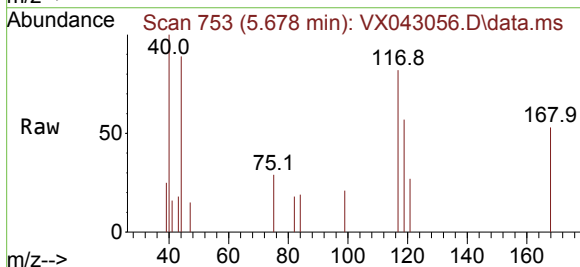
Tgt Ion: 117 Resp: 892

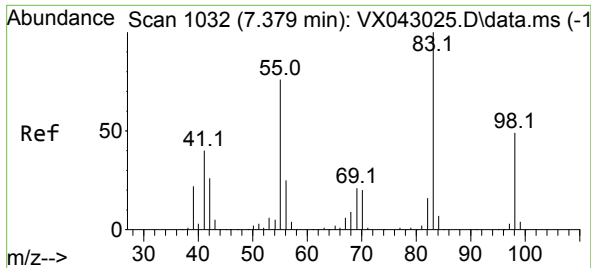
Ion Ratio Lower Upper

117 100

119 70.2 78.2 117.2#

121 33.0 24.4 36.6

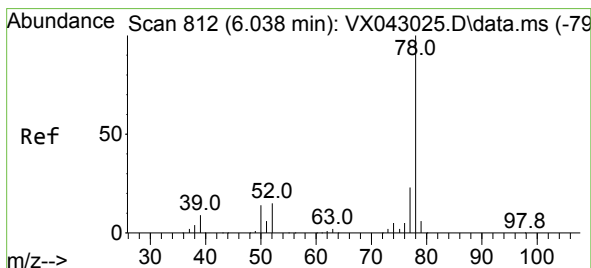
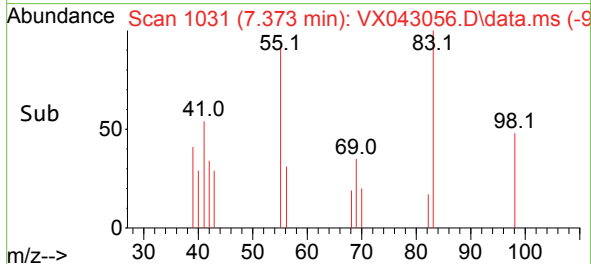
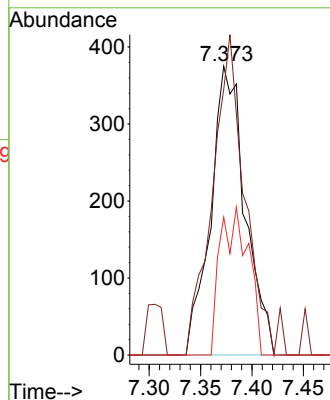
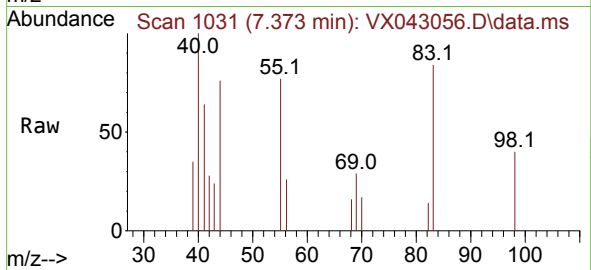




#39
Methylcyclohexane
Concen: 0.362 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

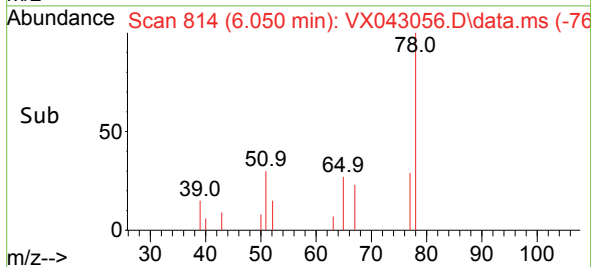
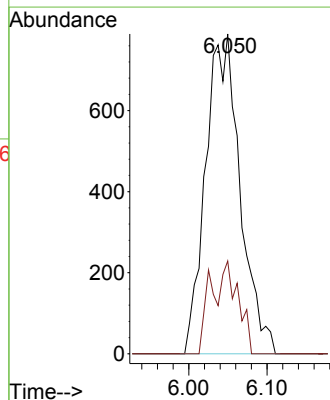
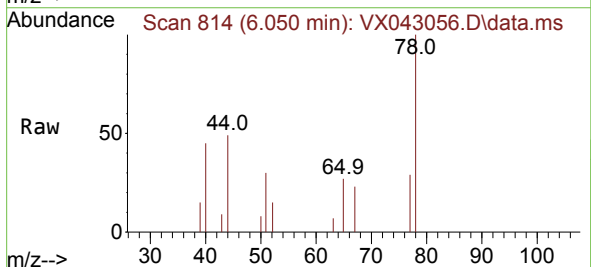
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

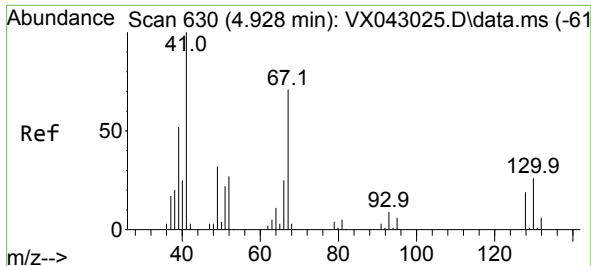
Tgt Ion: 83 Resp: 874
Ion Ratio Lower Upper
83 100
55 92.0 64.6 97.0
98 47.7 36.7 55.1



#40
Benzene
Concen: 0.405 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 78 Resp: 2409
Ion Ratio Lower Upper
78 100
77 29.0 19.3 28.9#

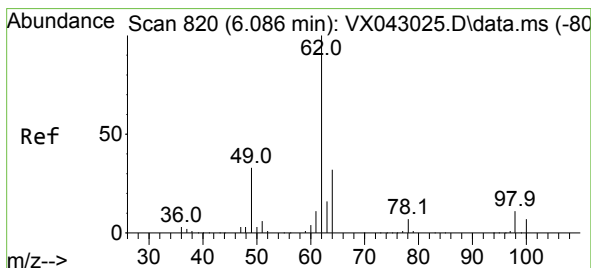
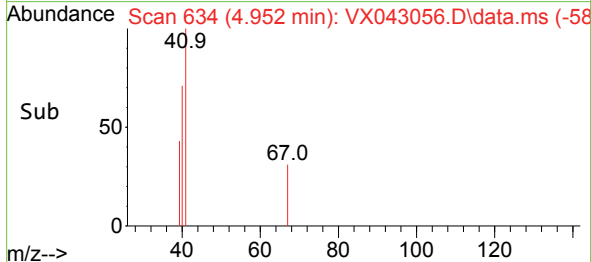
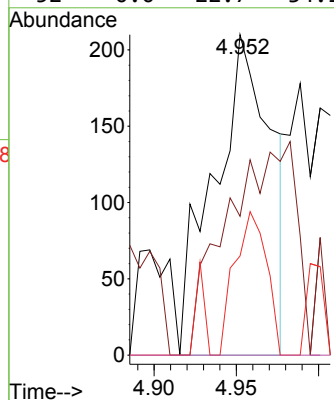
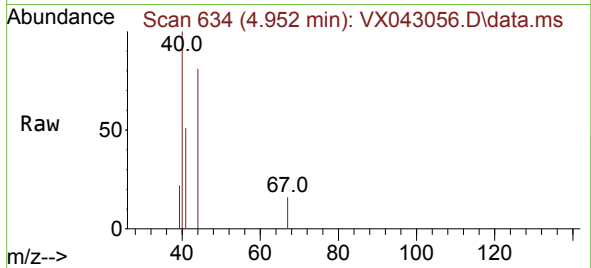




#41
Methacrylonitrile
Concen: 0.392 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

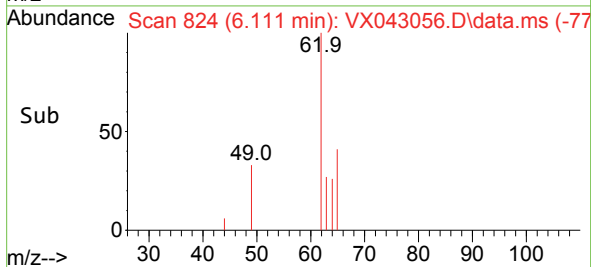
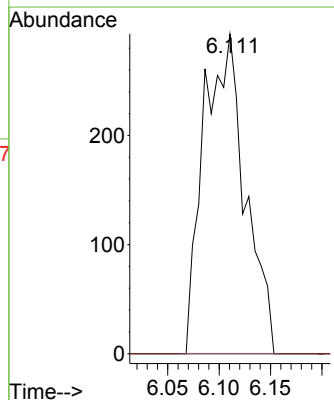
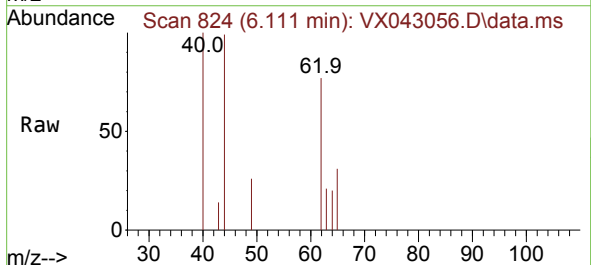
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

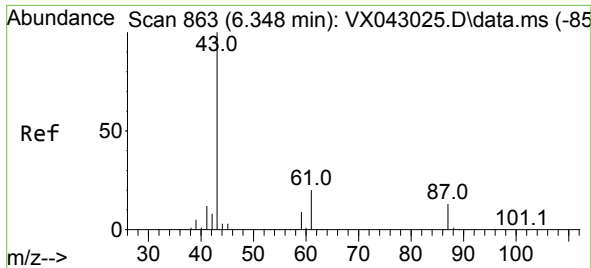
Tgt Ion: 41	Resp:	508
Ion	Ratio	Lower Upper
41	100	
39	0.0	45.2 67.8#
67	25.0	52.6 78.8#
52	0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.477 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.024 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 62	Resp:	824
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.512 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

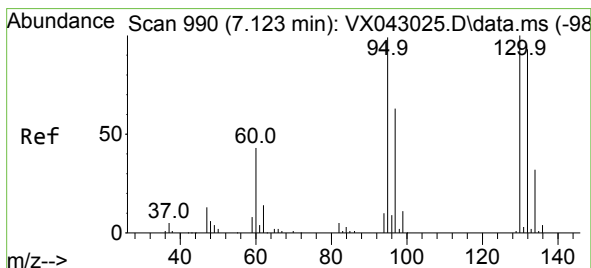
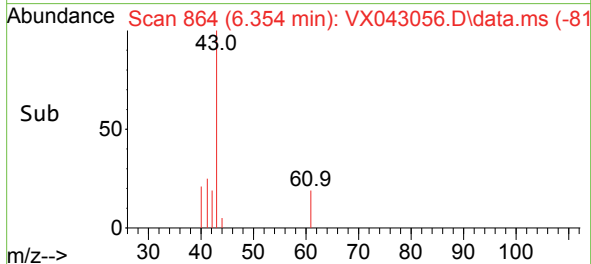
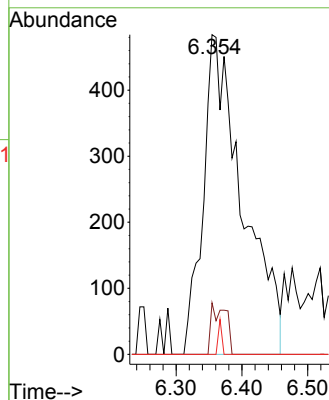
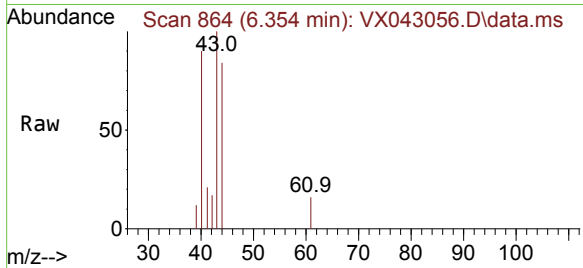
Tgt Ion: 43 Resp: 2029

Ion Ratio Lower Upper

43 100

61 5.9 15.2 22.8#

87 0.9 9.8 14.6#



#44

Trichloroethene

Concen: 0.412 ug/l

RT: 7.147 min Scan# 994

Delta R.T. 0.024 min

Lab File: VX043056.D

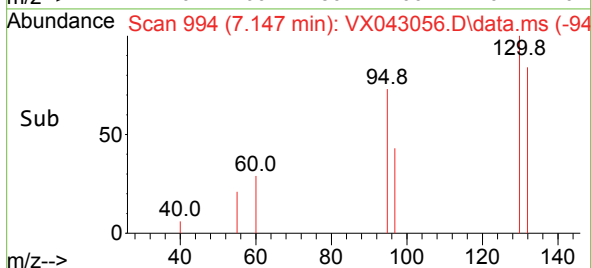
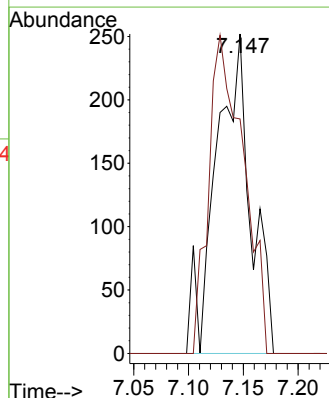
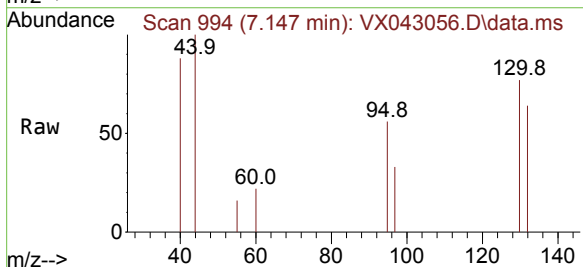
Acq: 15 Aug 2024 16:34

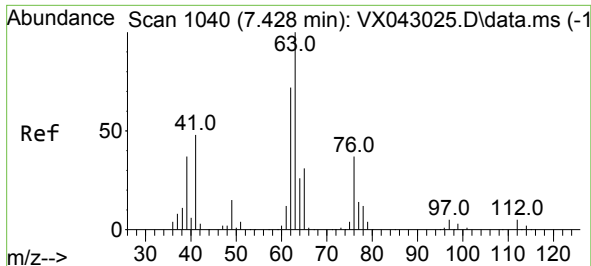
Tgt Ion:130 Resp: 554

Ion Ratio Lower Upper

130 100

95 73.4 0.0 204.4

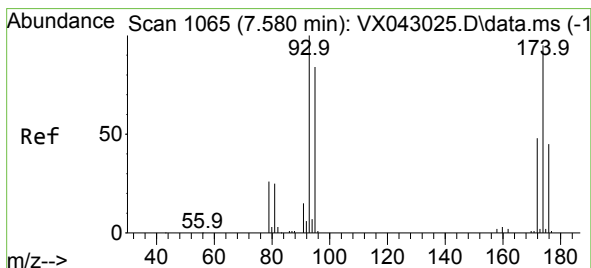
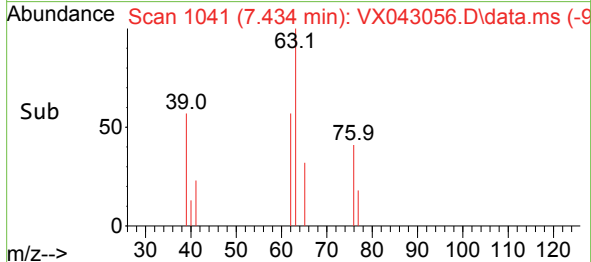
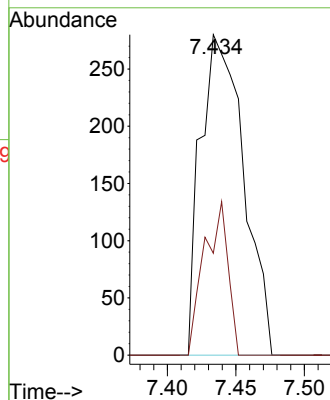
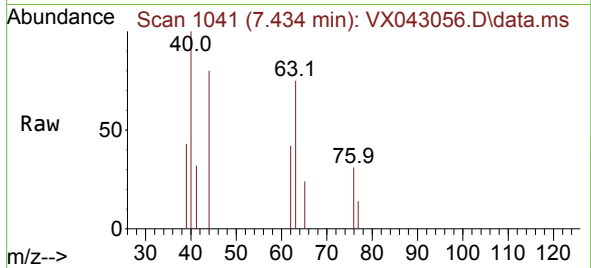




#45
1,2-Dichloropropane
Concen: 0.420 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

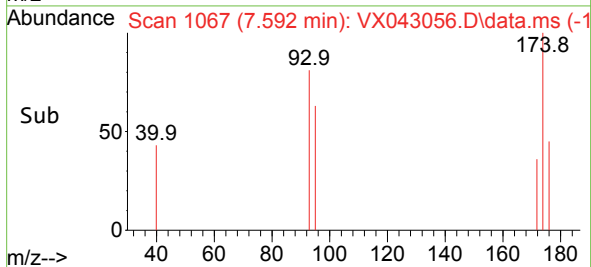
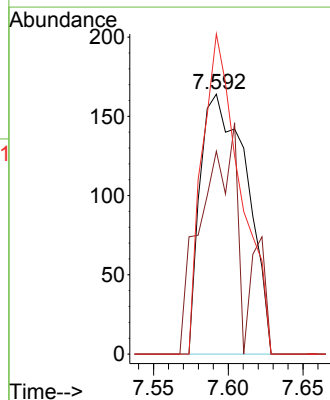
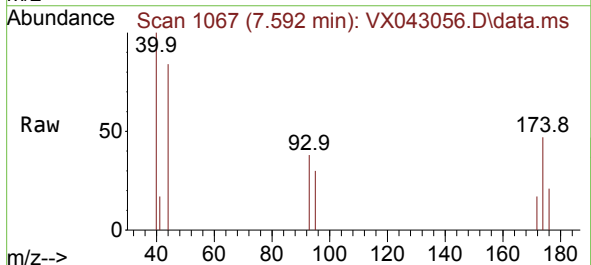
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

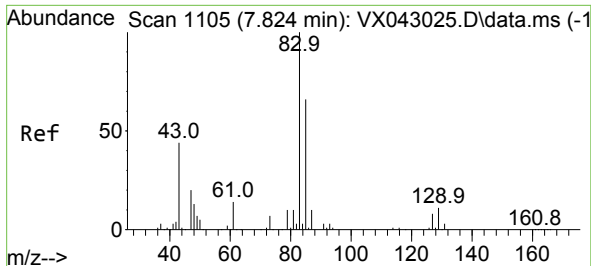
Tgt Ion: 63 Resp: 614
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 0.355 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 93 Resp: 355
Ion Ratio Lower Upper
93 100
95 78.3 66.6 100.0
174 101.1 69.4 104.0

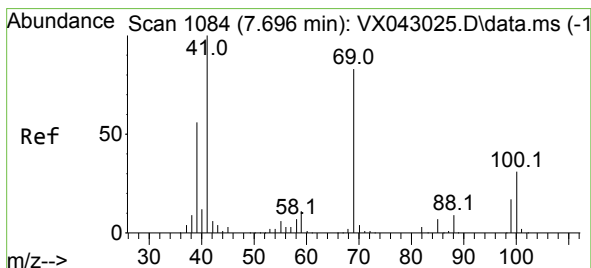
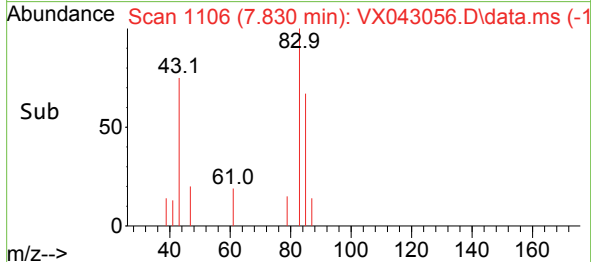
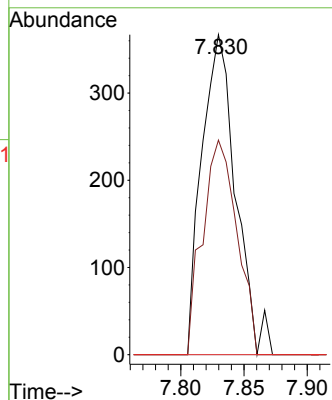
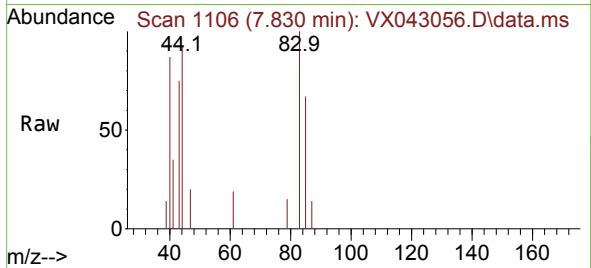




#47
Bromodichloromethane
Concen: 0.353 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

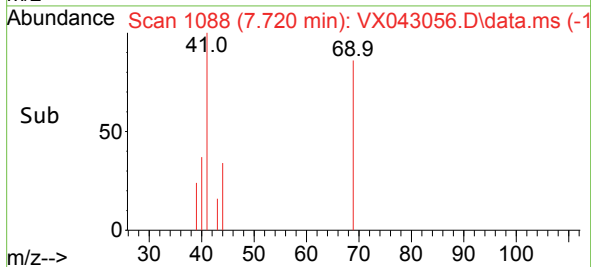
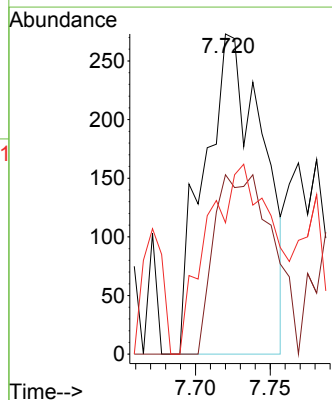
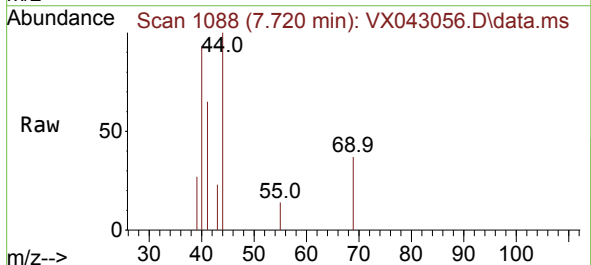
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

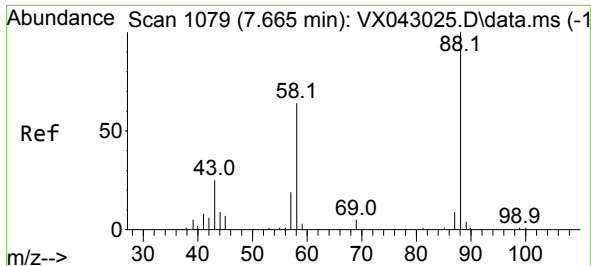
Tgt Ion: 83 Resp: 686
Ion Ratio Lower Upper
83 100
85 67.0 49.8 74.6
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.423 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 41 Resp: 748
Ion Ratio Lower Upper
41 100
69 55.7 59.2 88.8#
39 66.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1.420 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.024 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

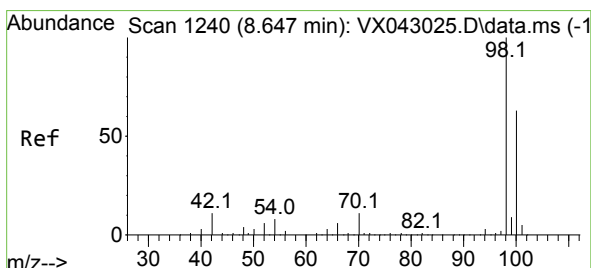
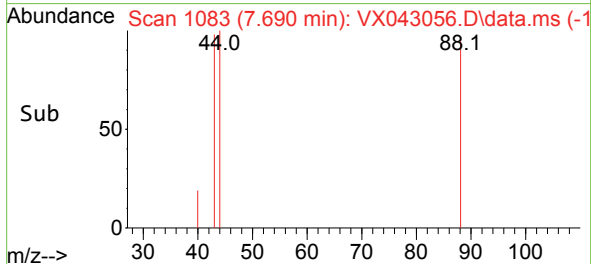
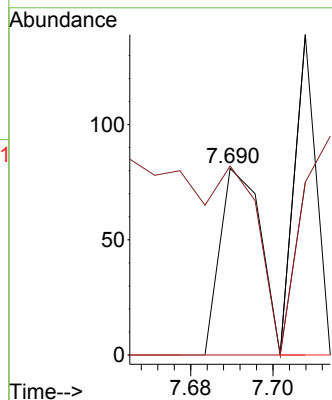
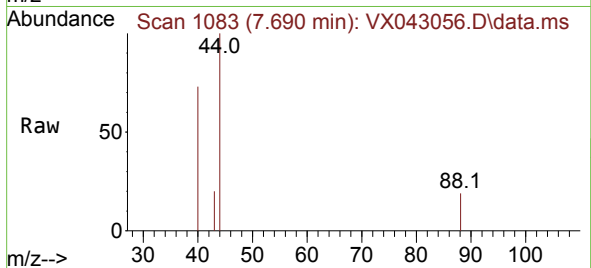
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:	88	Resp:	55
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1



#50

Toluene-d8

Concen: 47.507 ug/l

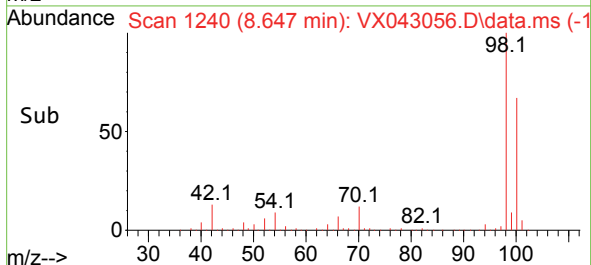
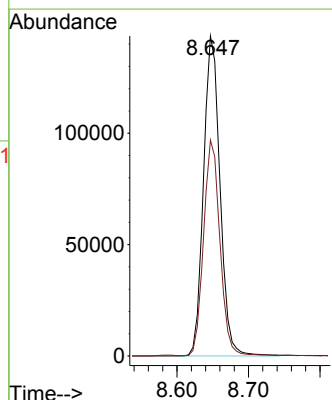
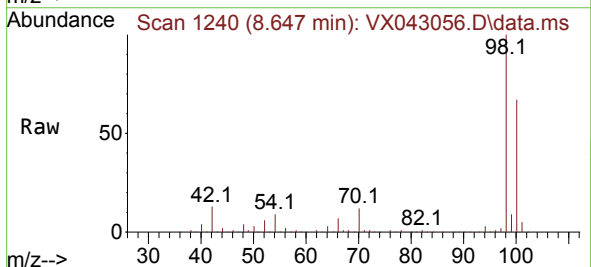
RT: 8.647 min Scan# 1240

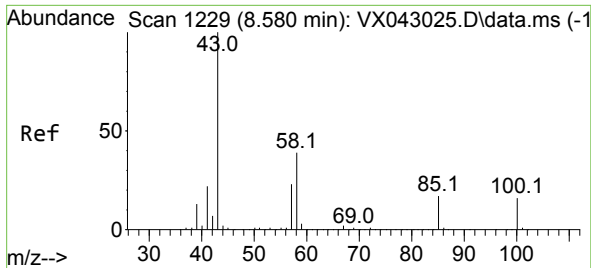
Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Tgt Ion:	98	Resp:	230337
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.1	79.7

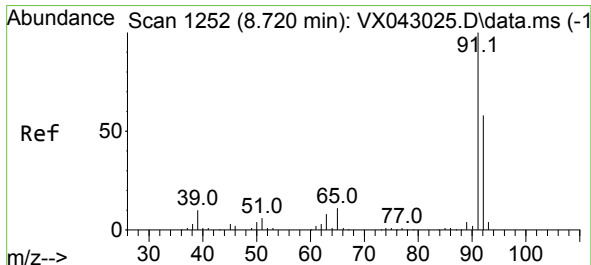
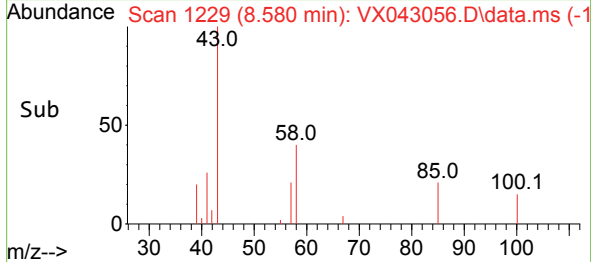
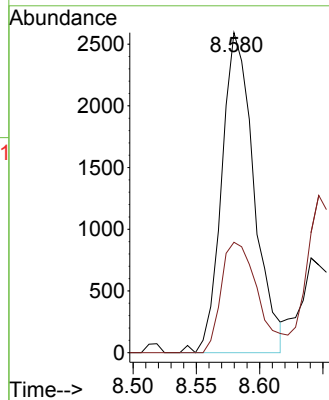
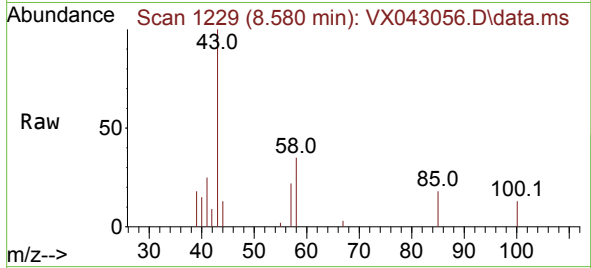




#51
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

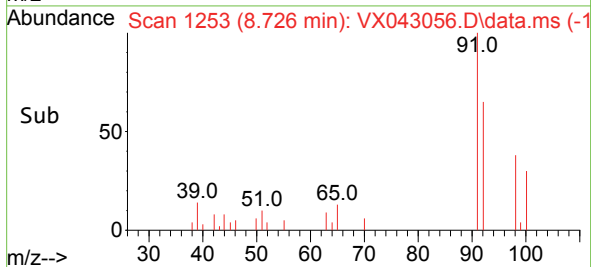
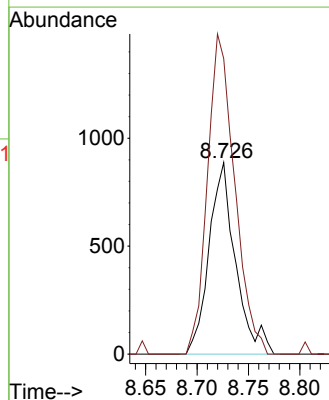
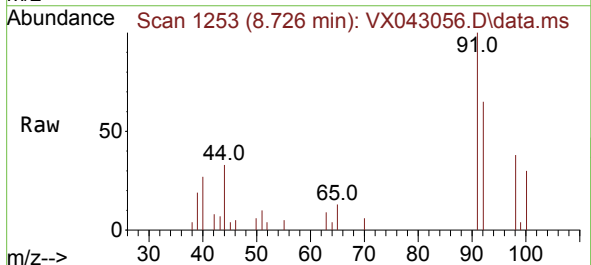
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

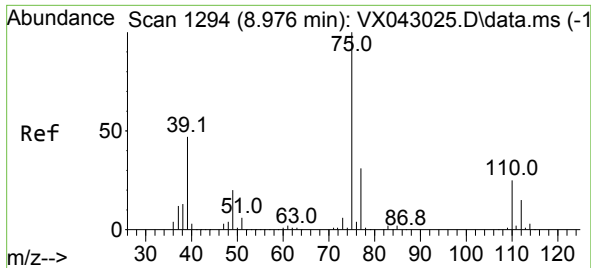
Tgt Ion: 43 Resp: 4604
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6



#52
Toluene
Concen: 0.444 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 92 Resp: 1593
Ion Ratio Lower Upper
92 100
91 171.7 134.2 201.2

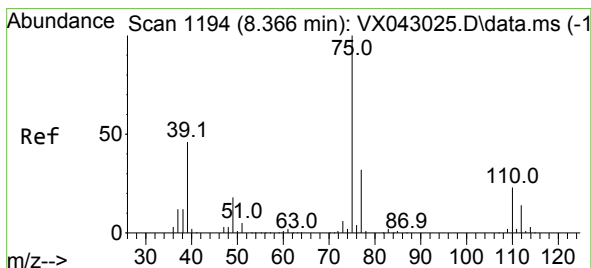
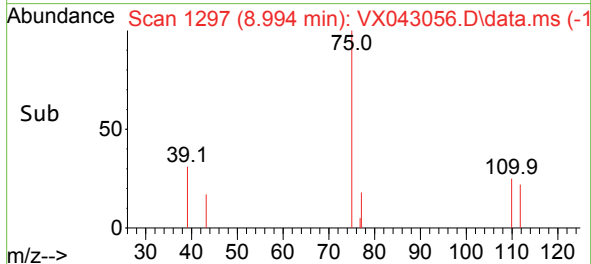
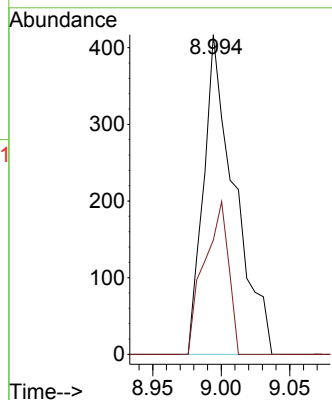
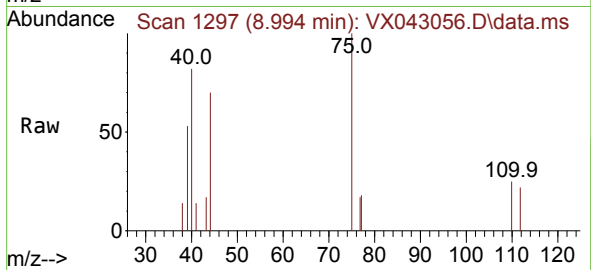




#53
 t-1,3-Dichloropropene
 Concen: 0.308 ug/l
 RT: 8.994 min Scan# 1196
 Delta R.T. 0.018 min
 Lab File: VX043056.D
 Acq: 15 Aug 2024 16:34

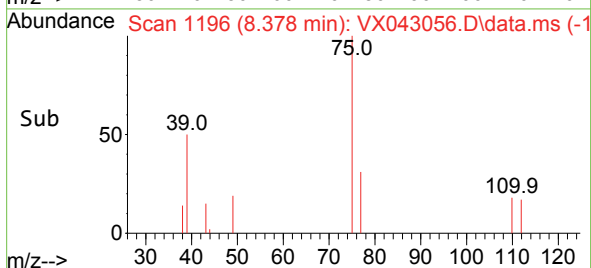
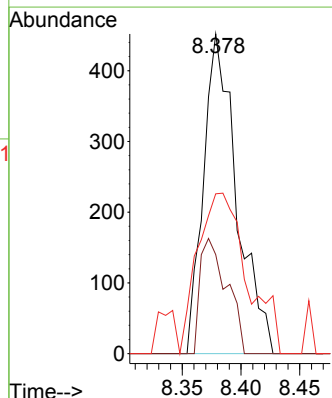
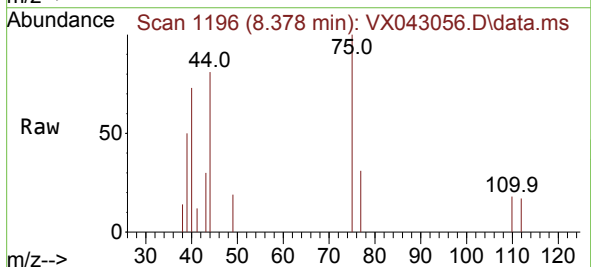
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

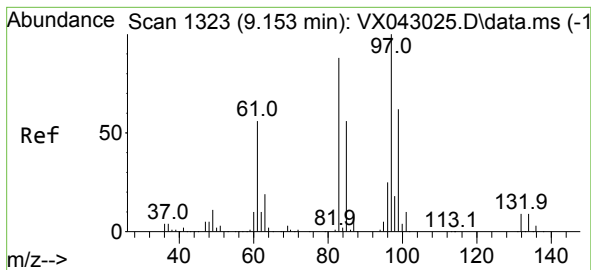
Tgt Ion: 75 Resp: 653
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.382 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX043056.D
 Acq: 15 Aug 2024 16:34

Tgt Ion: 75 Resp: 891
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 50.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.354 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043056.D

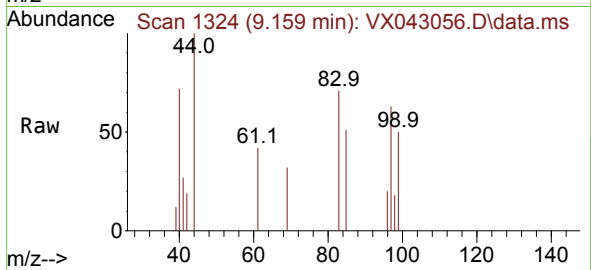
Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 97 Resp: 499

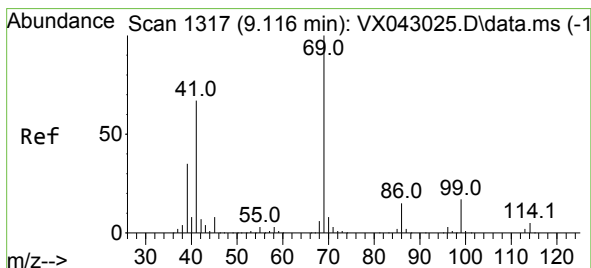
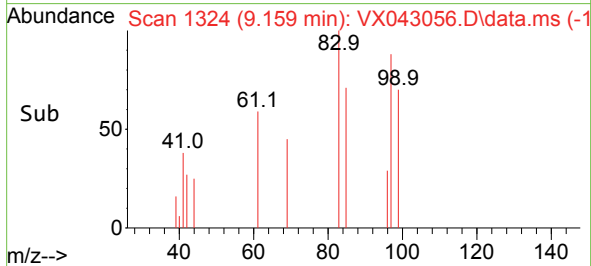
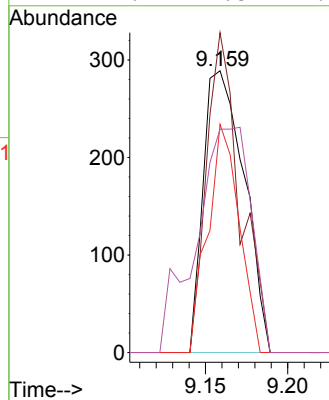
Ion Ratio Lower Upper

97 100

83 113.5 65.8 98.8#

85 81.0 41.6 62.4#

99 79.2 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.321 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

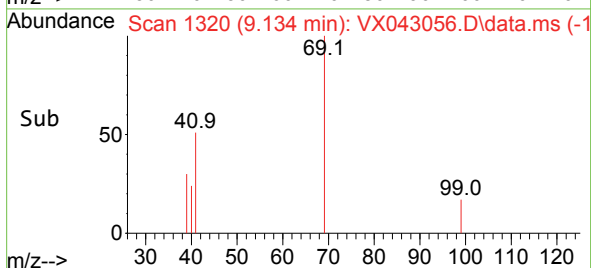
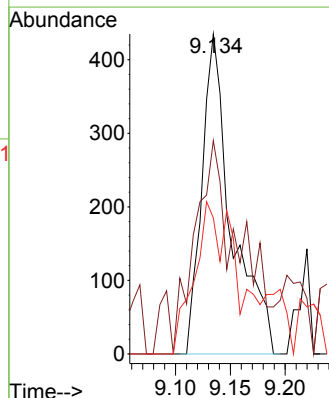
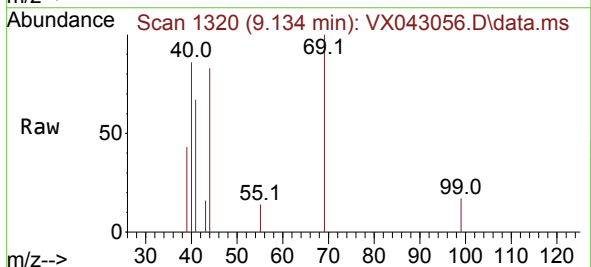
Tgt Ion: 69 Resp: 820

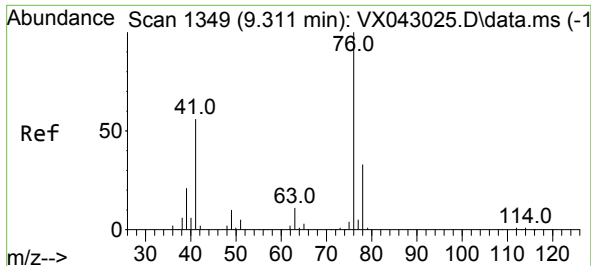
Ion Ratio Lower Upper

69 100

41 100.0 56.8 85.2#

39 65.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.366 ug/l

RT: 9.311 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

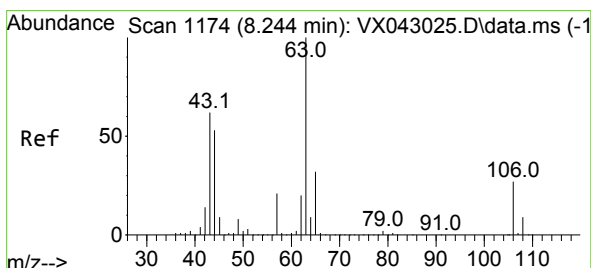
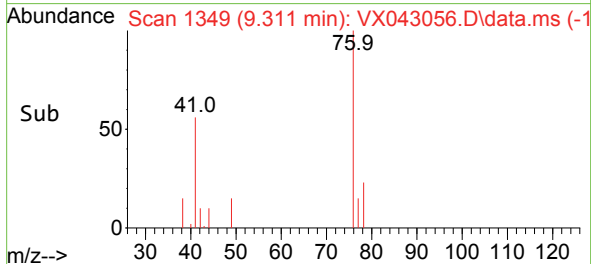
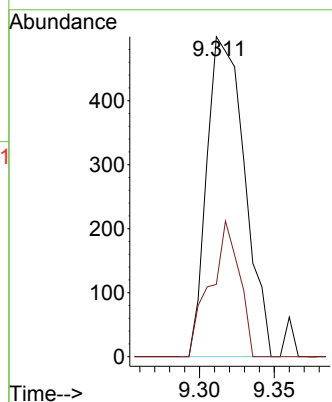
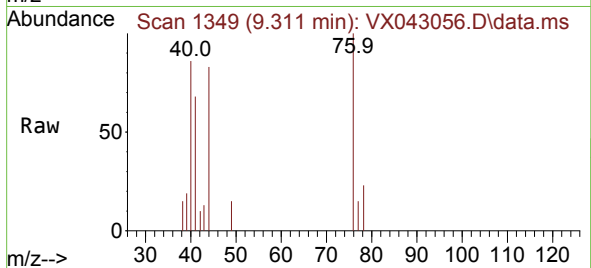
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 876

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.958 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX043056.D

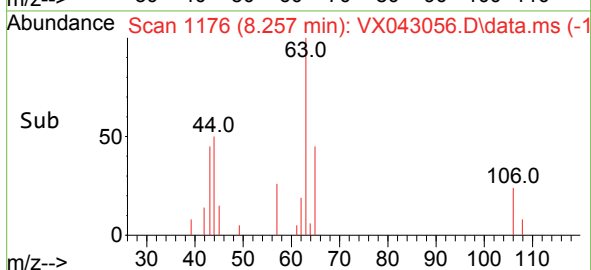
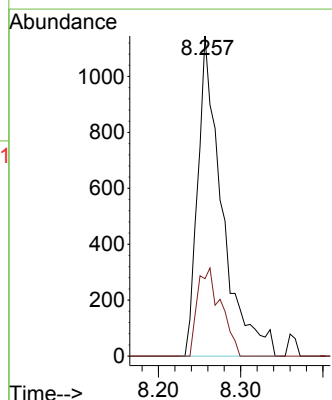
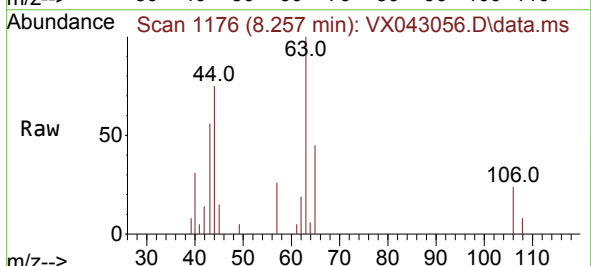
Acq: 15 Aug 2024 16:34

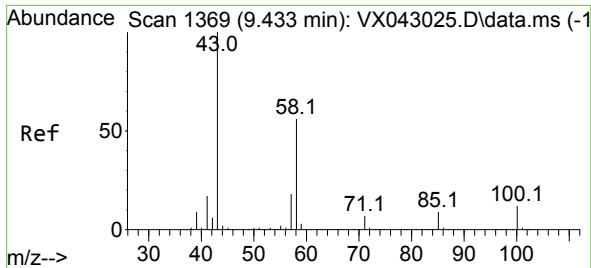
Tgt Ion: 63 Resp: 2347

Ion Ratio Lower Upper

63 100

106 26.6 22.5 33.7

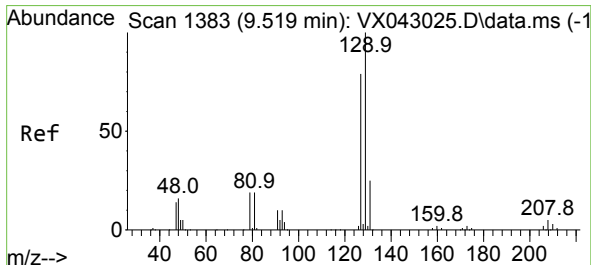
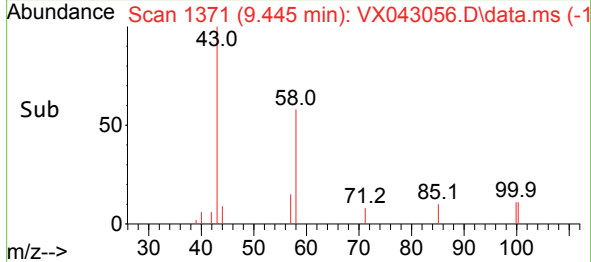
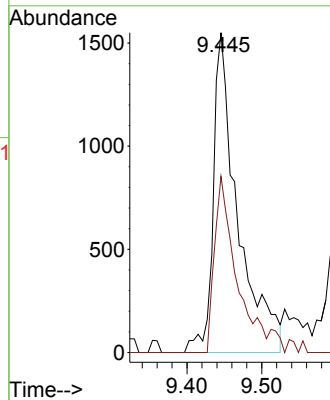
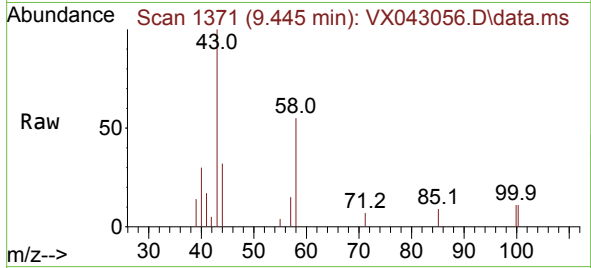




#59
2-Hexanone
Concen: 1.824 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

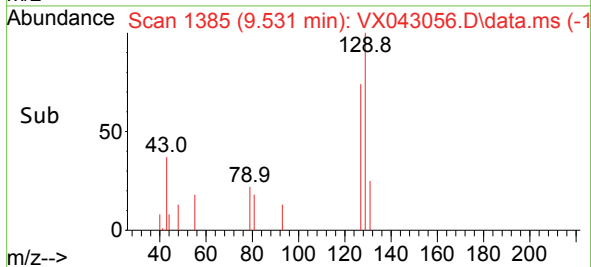
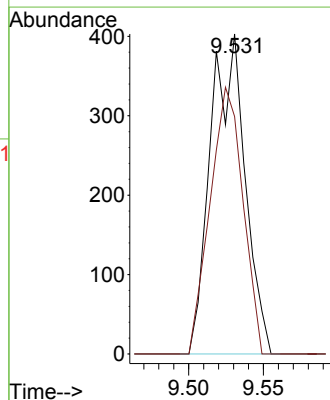
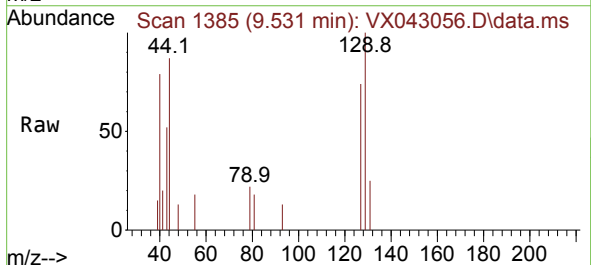
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

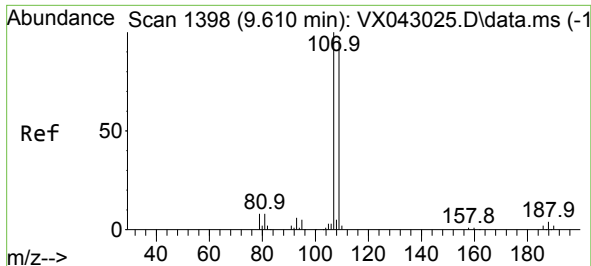
Tgt Ion: 43 Resp: 3532
Ion Ratio Lower Upper
43 100
58 48.4 26.2 78.5



#60
Dibromochloromethane
Concen: 0.434 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 129 Resp: 645
Ion Ratio Lower Upper
129 100
127 79.4 38.8 116.4

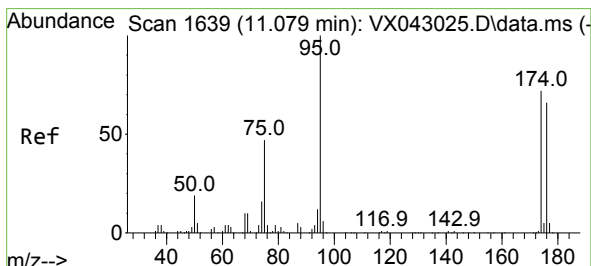
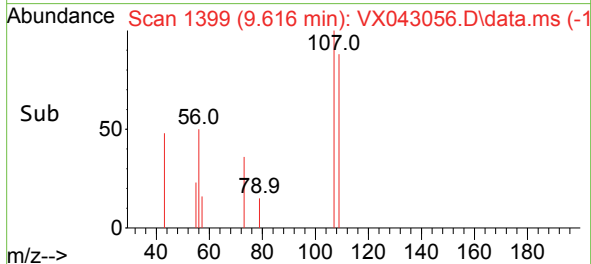
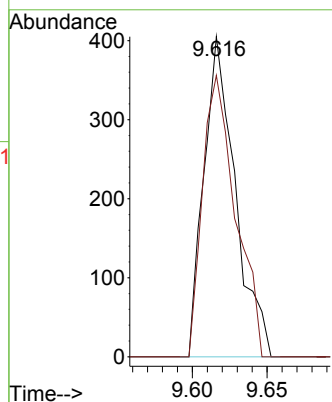
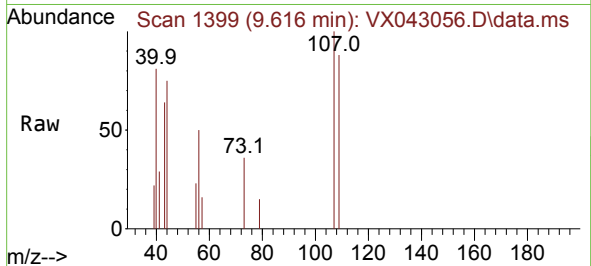




#61
1,2-Dibromoethane
Concen: 0.415 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

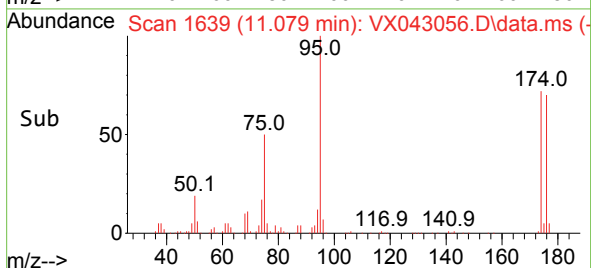
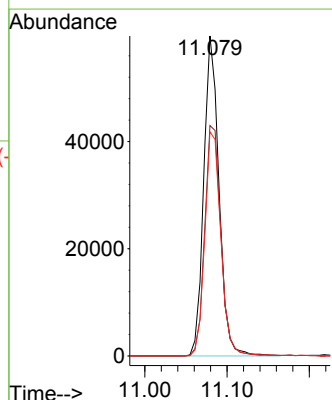
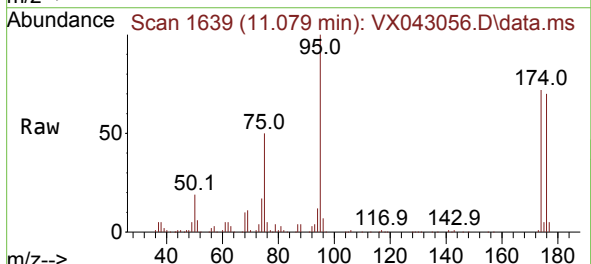
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

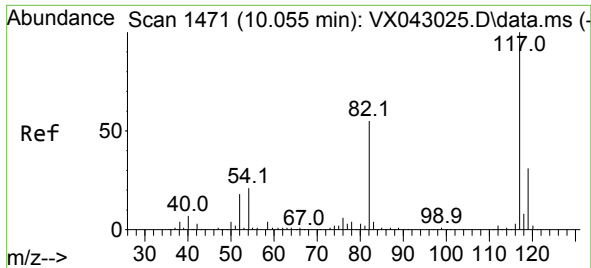
Tgt Ion:107 Resp: 590
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 43.796 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 95 Resp: 76995
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 73.5 0.0 131.0

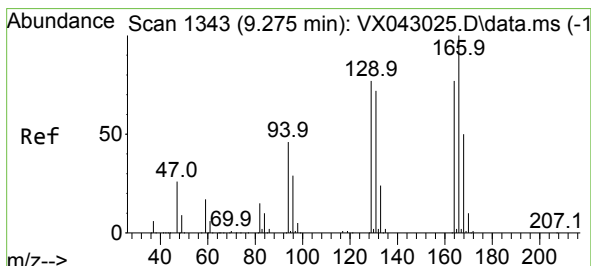
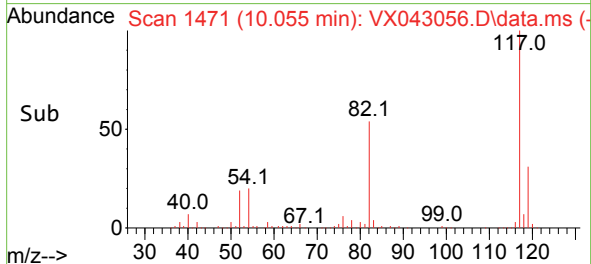
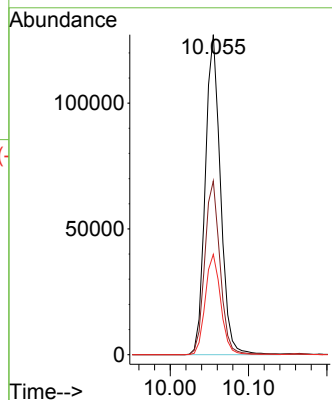
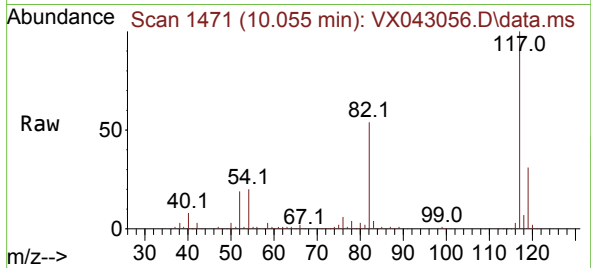




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

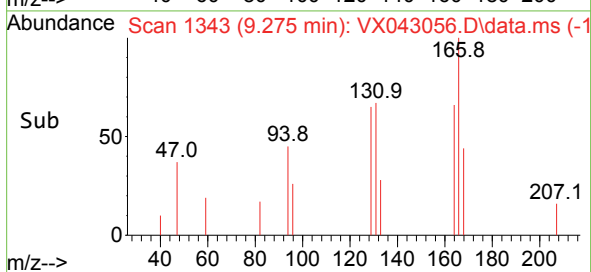
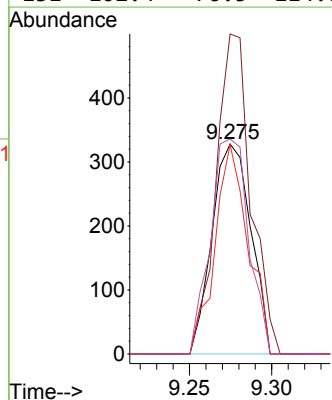
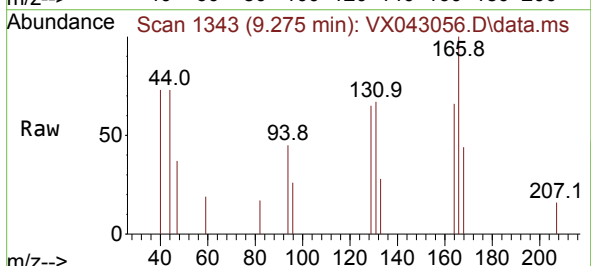
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

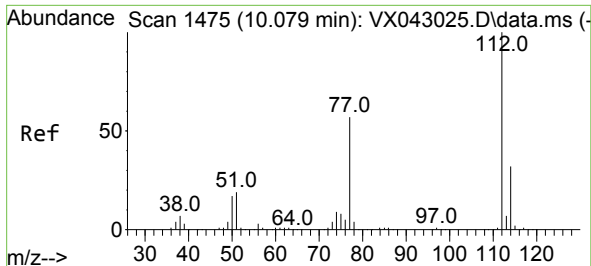
Tgt Ion:117 Resp: 171273
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.487 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion:164 Resp: 538
Ion Ratio Lower Upper
164 100
166 152.4 102.7 154.1
129 99.7 80.4 120.6
131 102.4 76.5 114.7

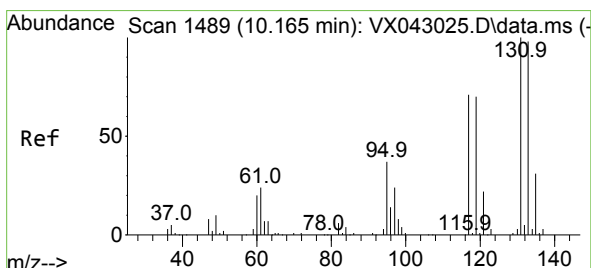
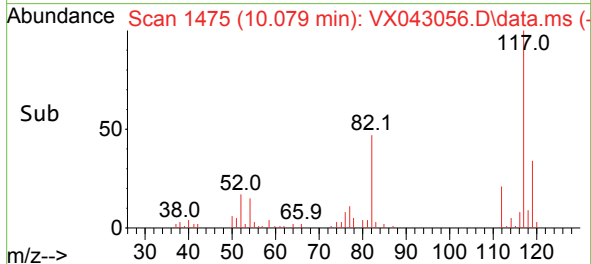
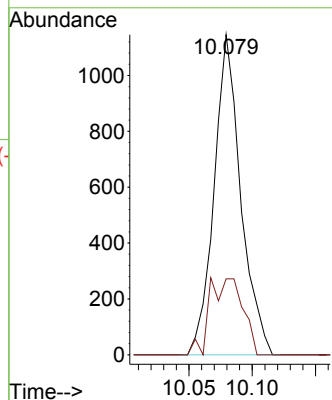
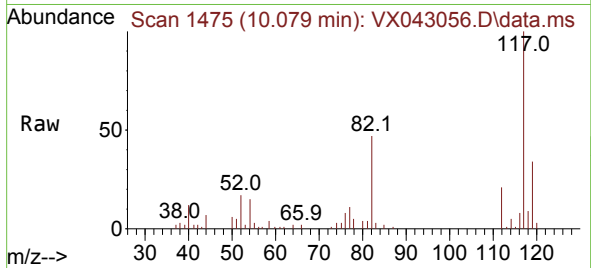




#65
Chlorobenzene
Concen: 0.455 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

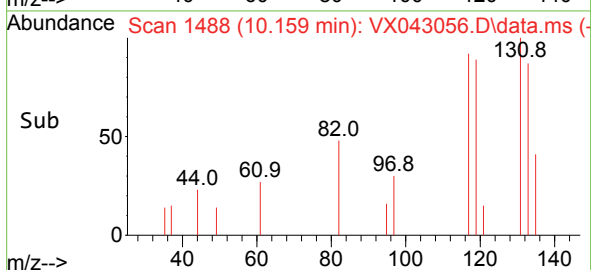
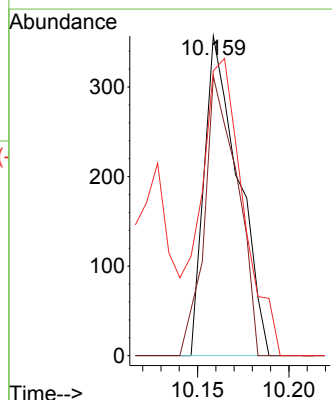
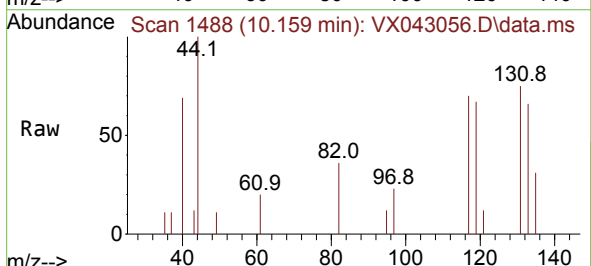
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

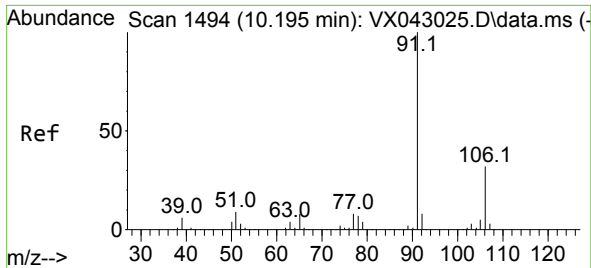
Tgt Ion:112 Resp: 1681
Ion Ratio Lower Upper
112 100
114 23.7 25.7 38.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.370 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion:131 Resp: 461
Ion Ratio Lower Upper
131 100
133 84.8 47.1 141.4
119 0.0 32.2 96.6#

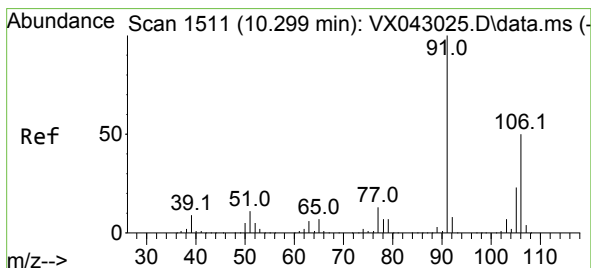
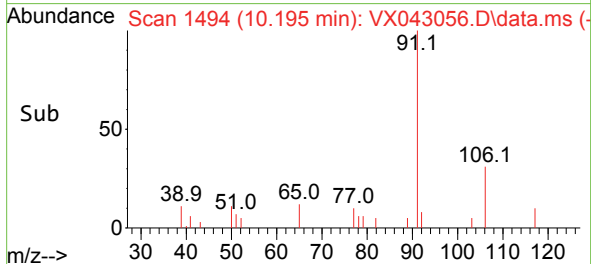
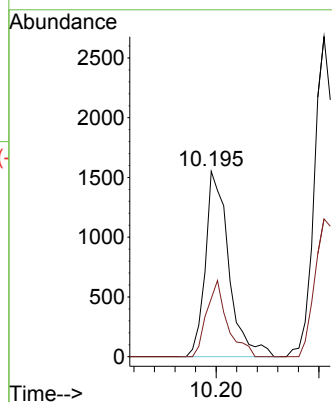
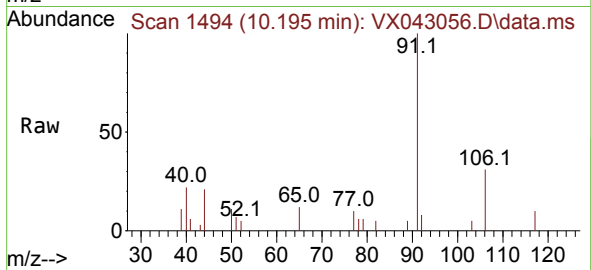




#67
Ethyl Benzene
Concen: 0.382 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

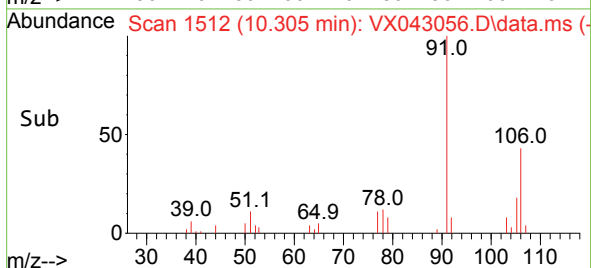
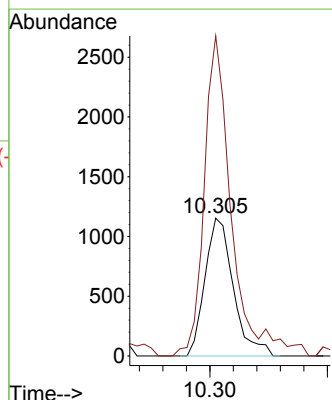
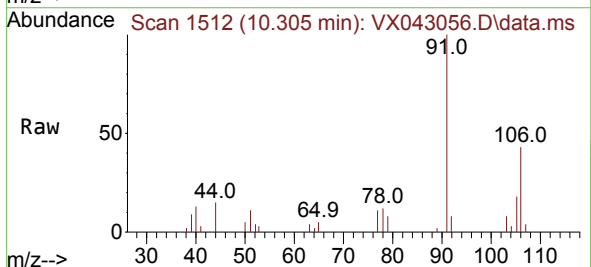
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

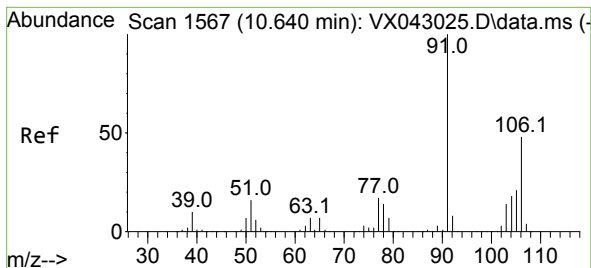
Tgt Ion: 91 Resp: 2456
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.782 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 106 Resp: 1932
Ion Ratio Lower Upper
106 100
91 222.6 165.5 248.3





#69

o-Xylene

Concen: 0.424 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

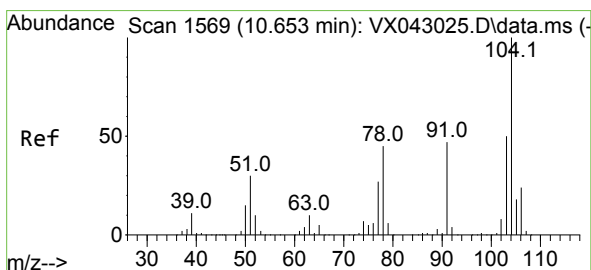
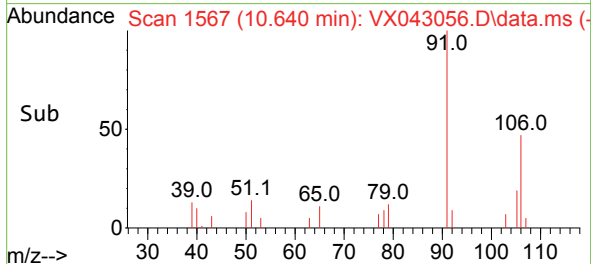
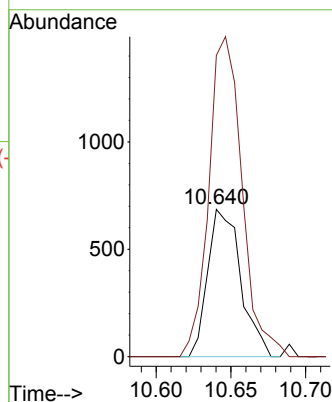
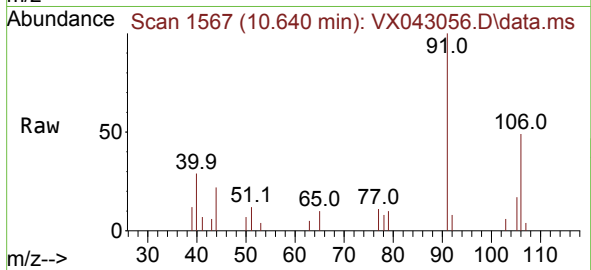
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 1051

Ion Ratio Lower Upper

106 100

91 219.1 108.9 326.8



#70

Styrene

Concen: 0.371 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

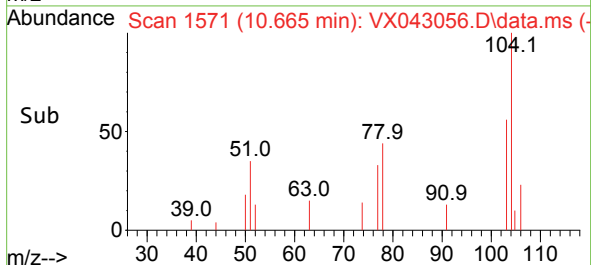
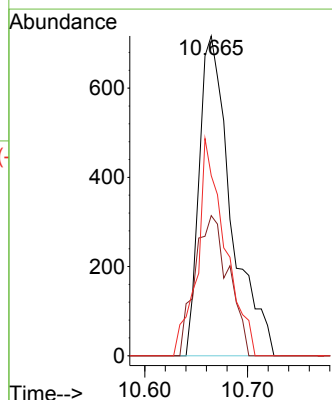
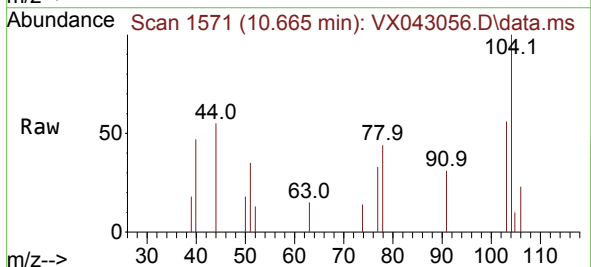
Tgt Ion:104 Resp: 1545

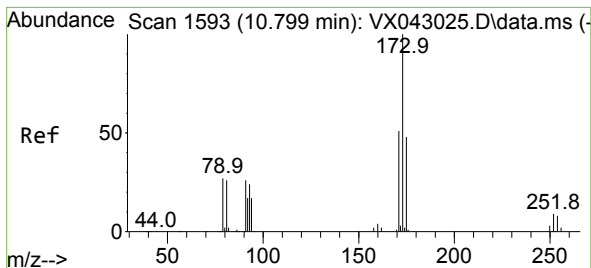
Ion Ratio Lower Upper

104 100

78 46.4 43.6 65.4

103 59.0 43.6 65.4





#71

Bromoform

Concen: 0.477 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX043056.D

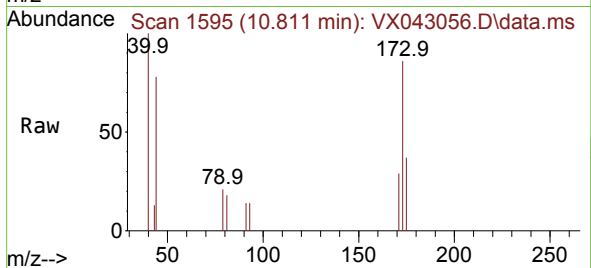
Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024



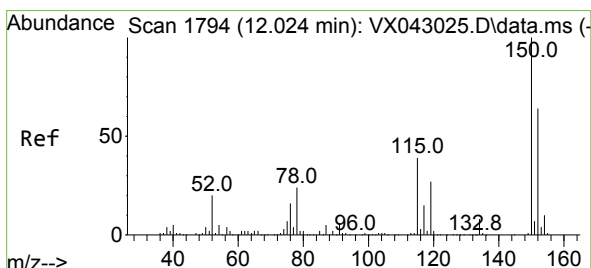
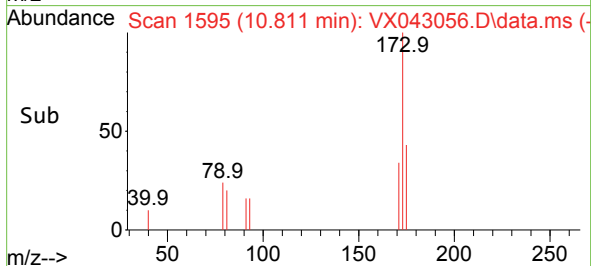
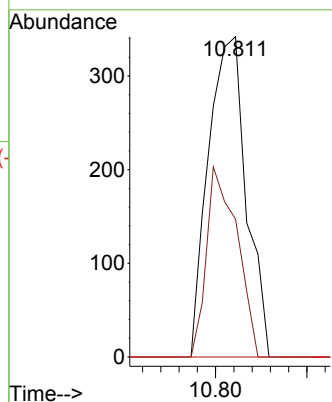
Tgt Ion:173 Resp: 493

Ion Ratio Lower Upper

173 100

175 47.9 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: VX043056.D

Acq: 15 Aug 2024 16:34

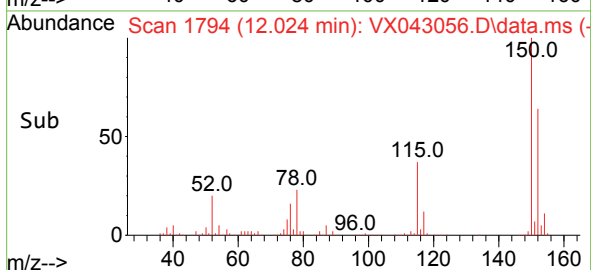
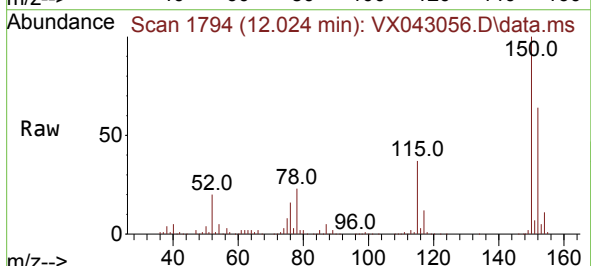
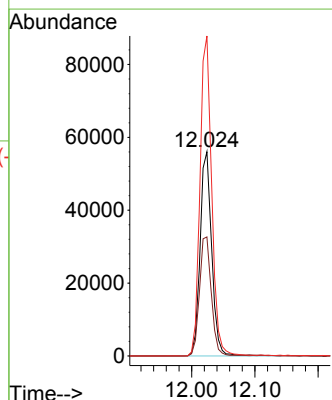
Tgt Ion:152 Resp: 71643

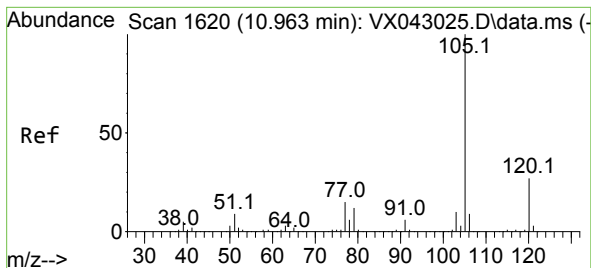
Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 157.7 0.0 345.0





#73

Isopropylbenzene

Concen: 0.424 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

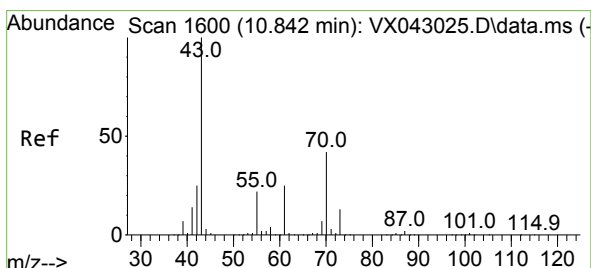
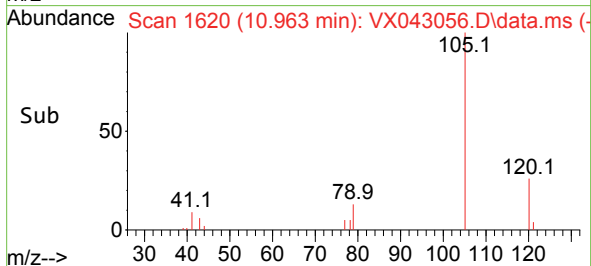
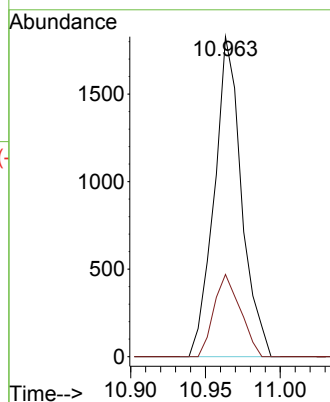
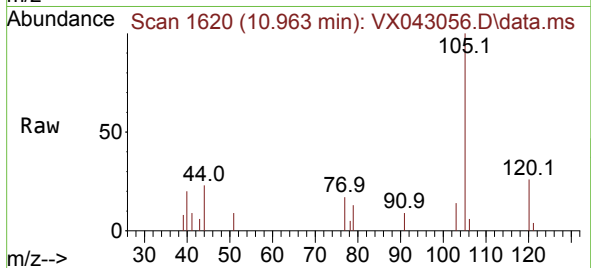
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 2318

Ion Ratio Lower Upper

105 100

120 24.8 12.9 38.6



#74

N-ethyl acetate

Concen: 0.374 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Tgt Ion: 43 Resp: 1165

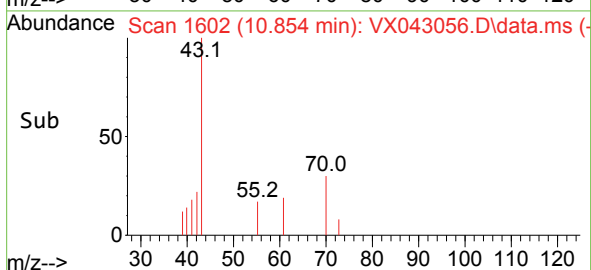
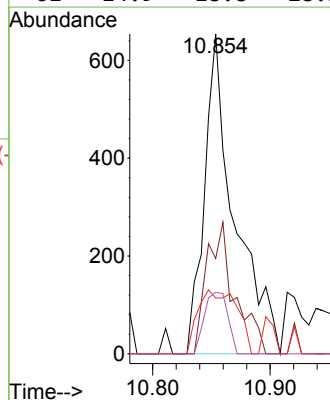
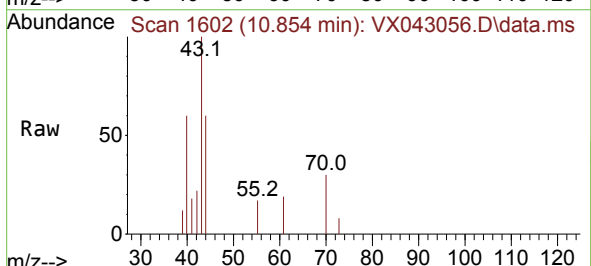
Ion Ratio Lower Upper

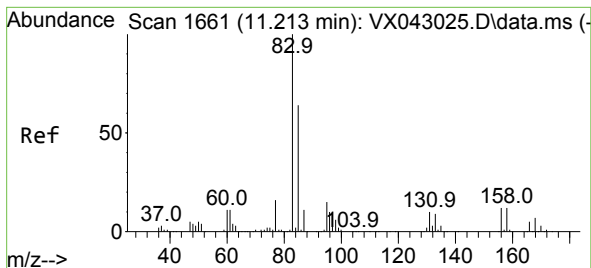
43 100

70 38.4 32.9 49.3

55 25.8 19.3 28.9

61 14.9 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.429 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

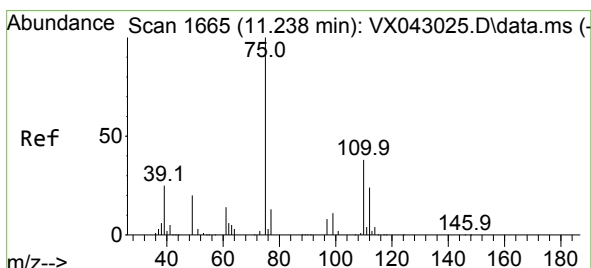
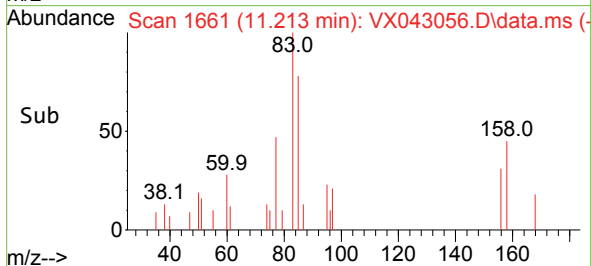
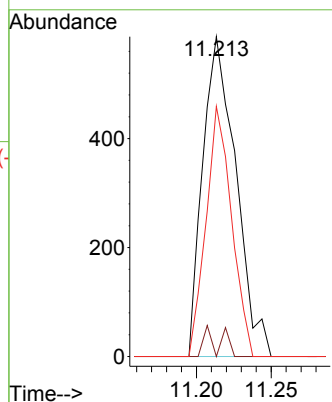
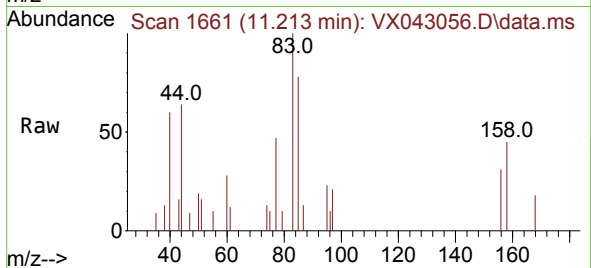
Tgt Ion: 83 Resp: 903

Ion Ratio Lower Upper

83 100

131 4.4 5.3 15.8#

85 60.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 23.056 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043056.D

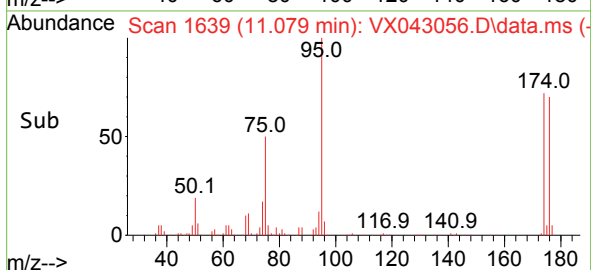
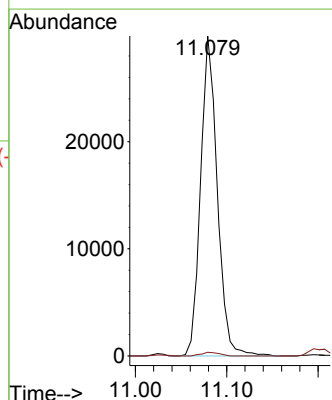
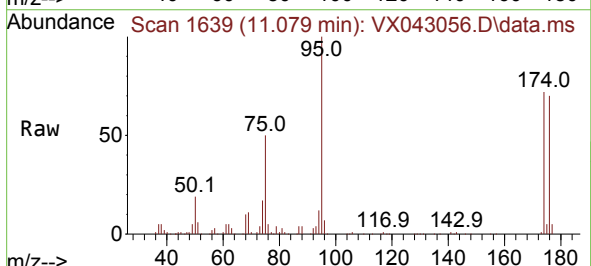
Acq: 15 Aug 2024 16:34

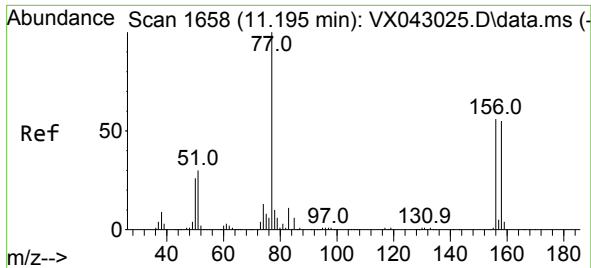
Tgt Ion: 75 Resp: 37856

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

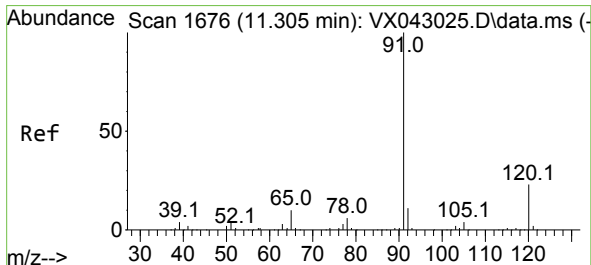
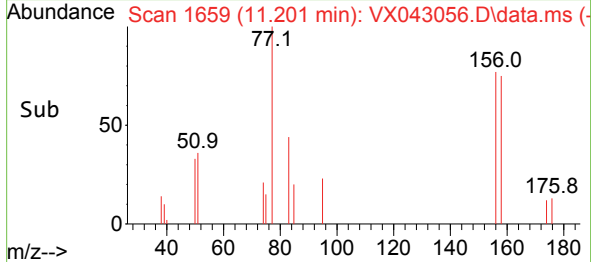
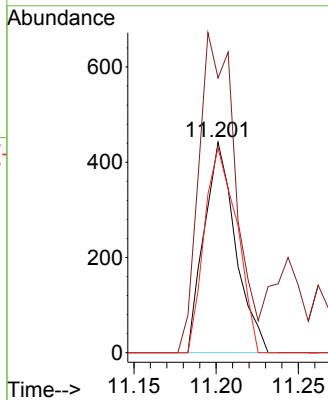
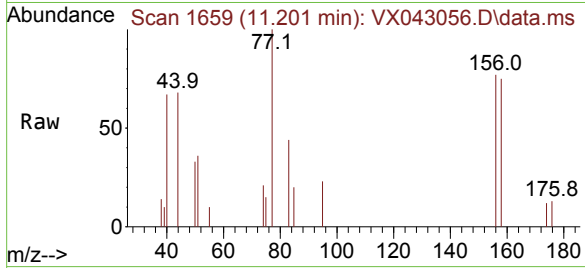




#77
Bromobenzene
Concen: 0.447 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

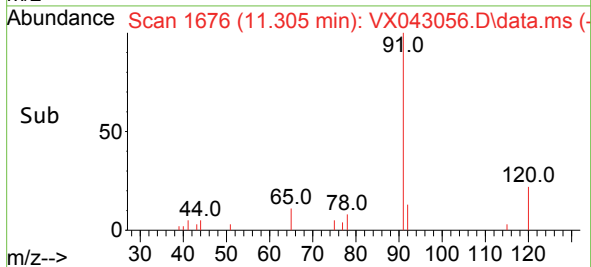
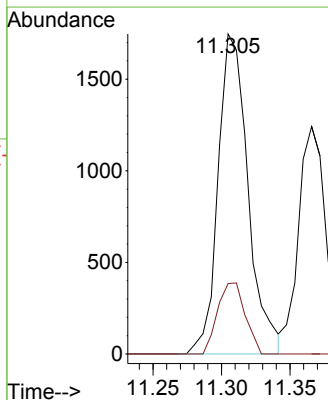
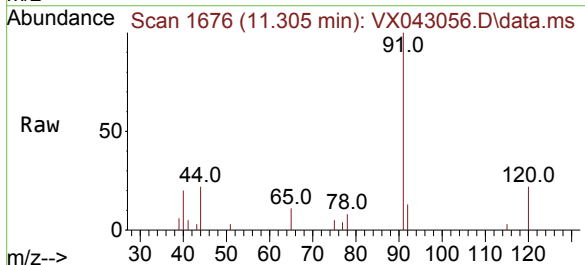
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

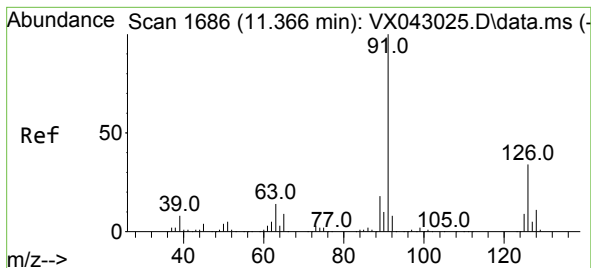
Tgt Ion:156 Resp: 587
Ion Ratio Lower Upper
156 100
77 176.0 88.4 265.3
158 100.9 48.0 144.0



#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 91 Resp: 2660
Ion Ratio Lower Upper
91 100
120 20.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.488 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

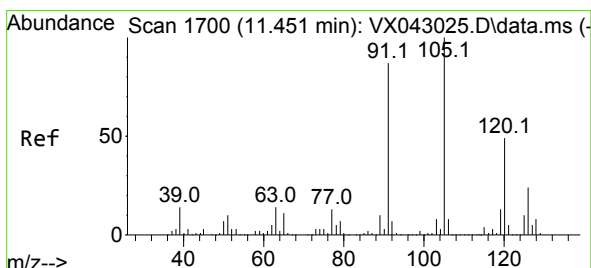
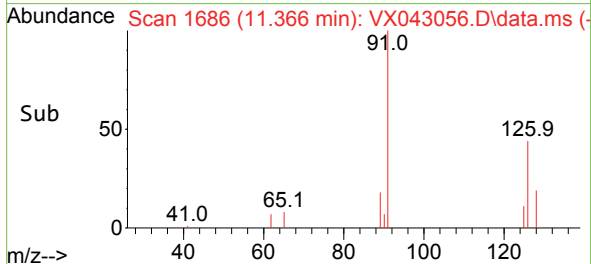
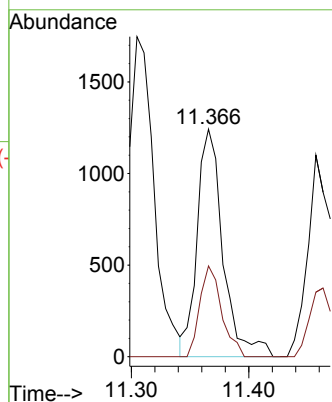
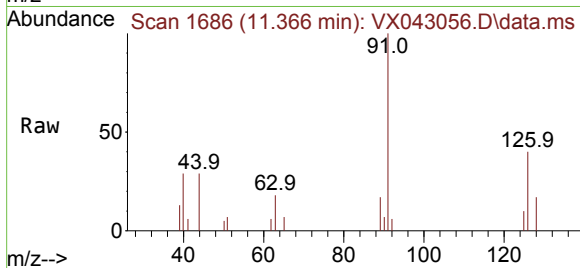
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 1892

Ion Ratio Lower Upper

91 100

126 33.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.421 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043056.D

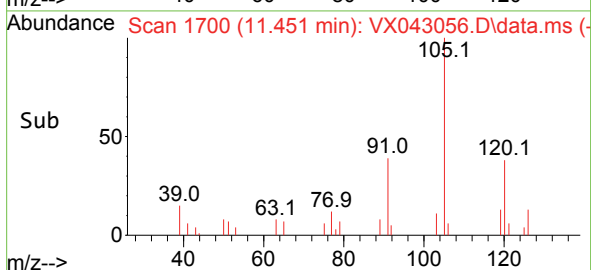
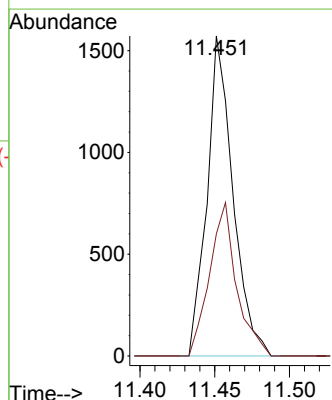
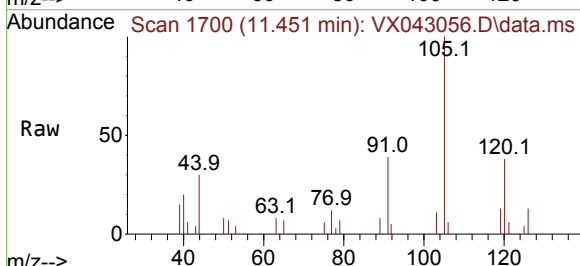
Acq: 15 Aug 2024 16:34

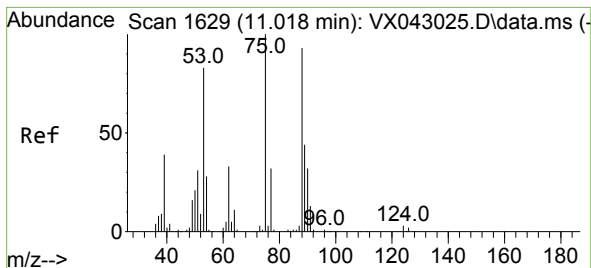
Tgt Ion: 105 Resp: 1894

Ion Ratio Lower Upper

105 100

120 49.9 24.1 72.3

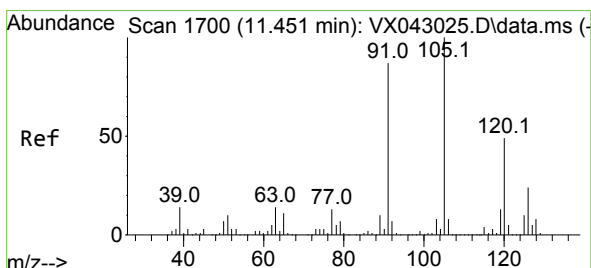
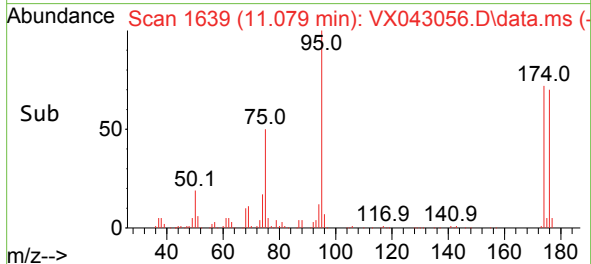
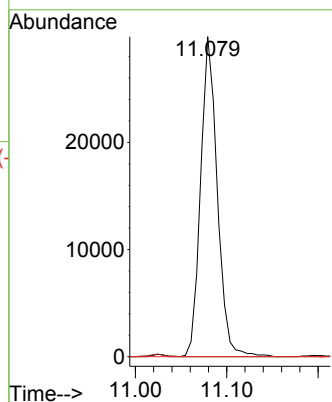
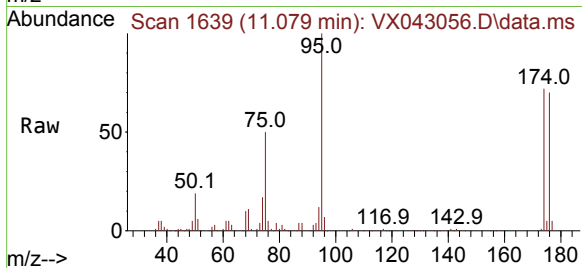




#81
trans-1,4-Dichloro-2-butene
Concen: 50.289 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

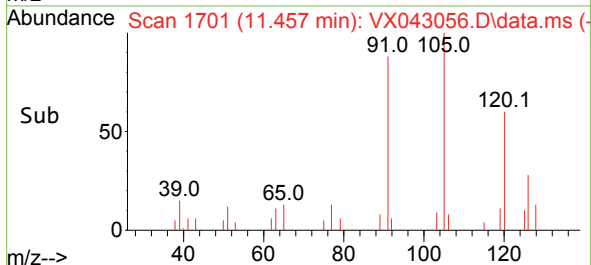
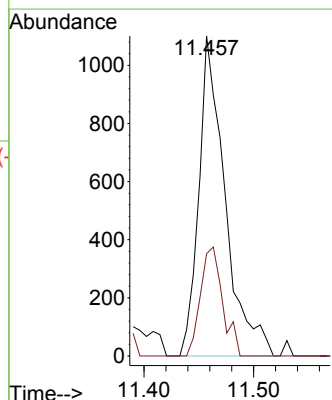
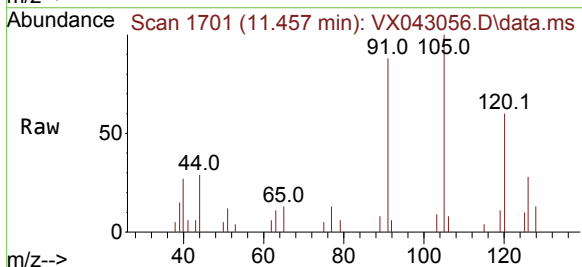
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

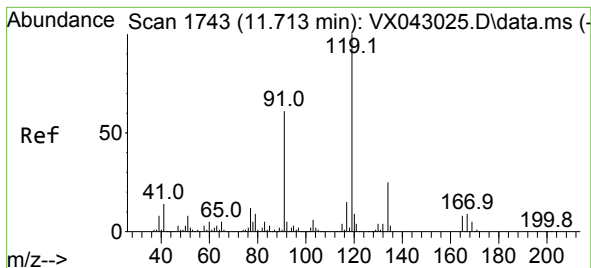
Tgt Ion: 75 Resp: 37856
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.425 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 91 Resp: 1835
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.411 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

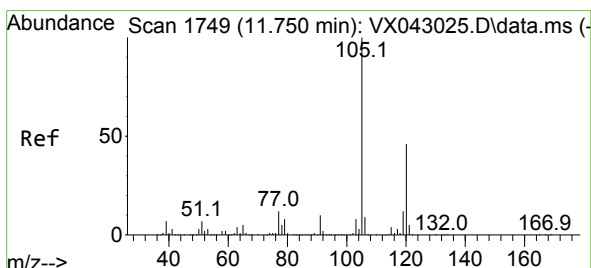
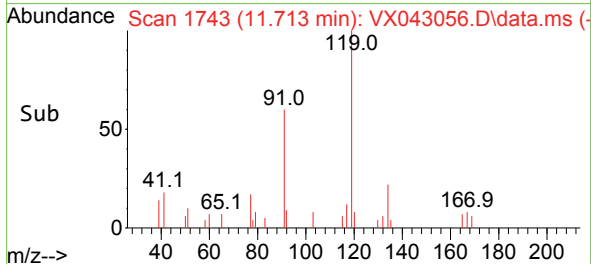
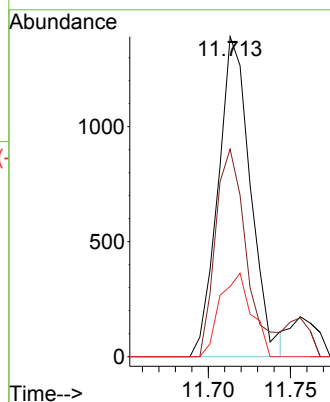
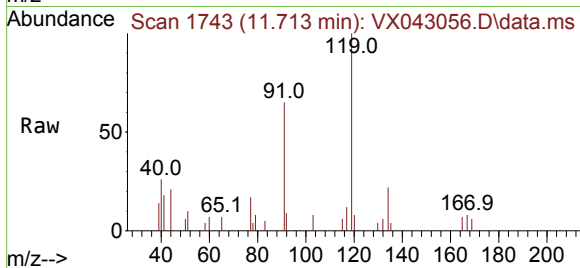
Tgt Ion:119 Resp: 1915

Ion Ratio Lower Upper

119 100

91 62.8 31.2 93.6

134 25.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.410 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043056.D

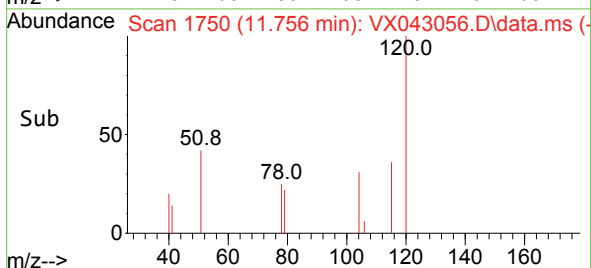
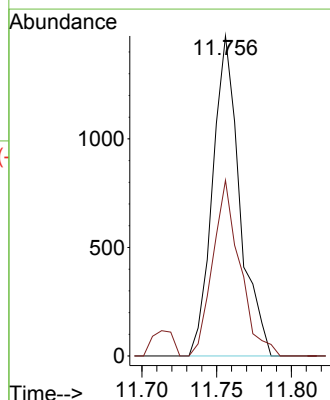
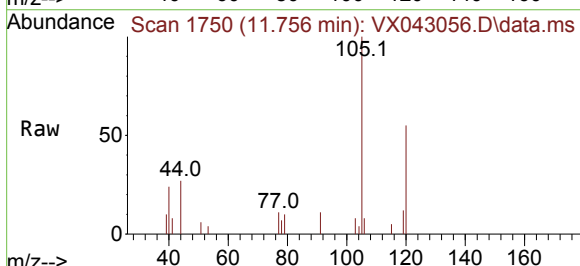
Acq: 15 Aug 2024 16:34

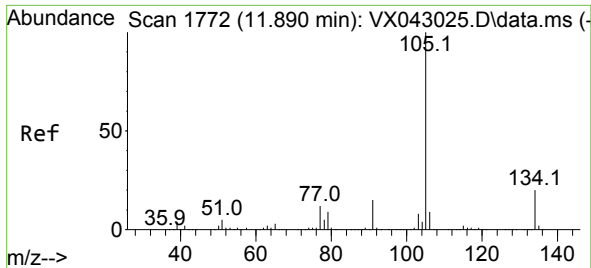
Tgt Ion:105 Resp: 1861

Ion Ratio Lower Upper

105 100

120 55.0 21.2 63.6

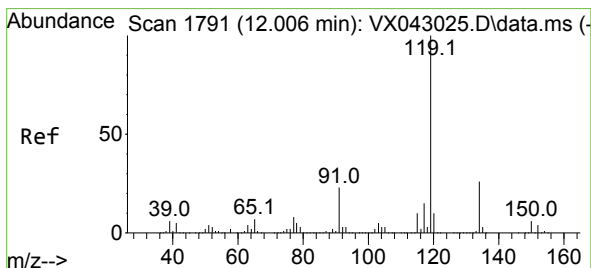
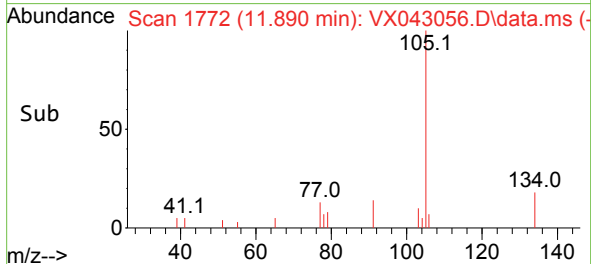
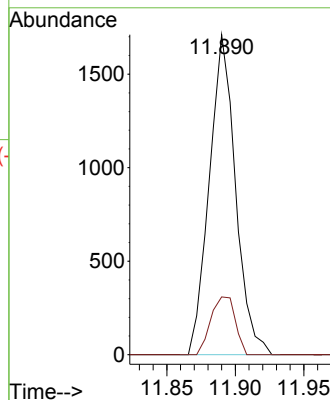
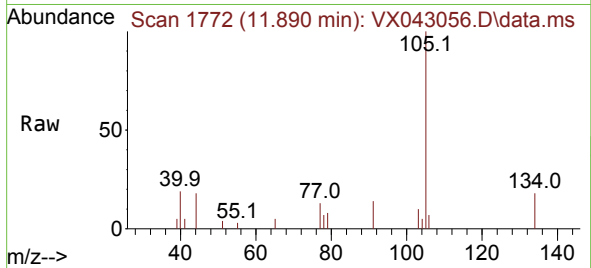




#85
 sec-Butylbenzene
 Concen: 0.403 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043056.D
 Acq: 15 Aug 2024 16:34

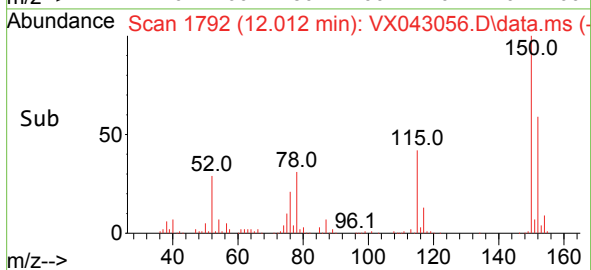
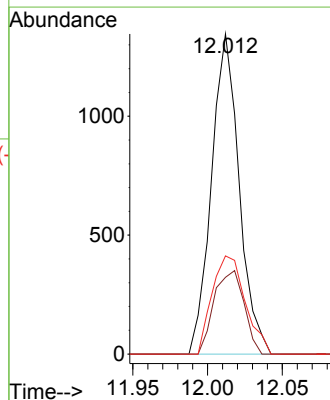
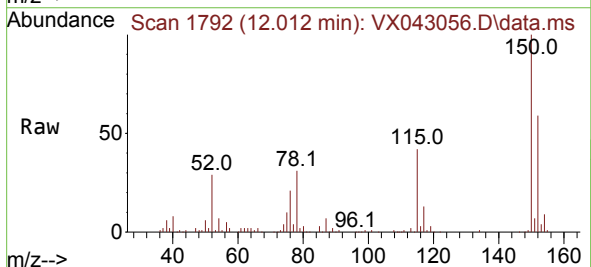
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

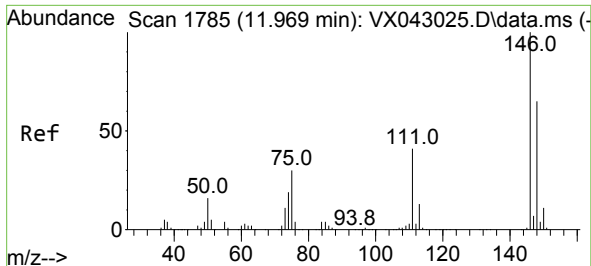
Tgt Ion:105 Resp: 2277
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.375 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043056.D
 Acq: 15 Aug 2024 16:34

Tgt Ion:119 Resp: 1732
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.8 38.3
 91 36.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.452 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

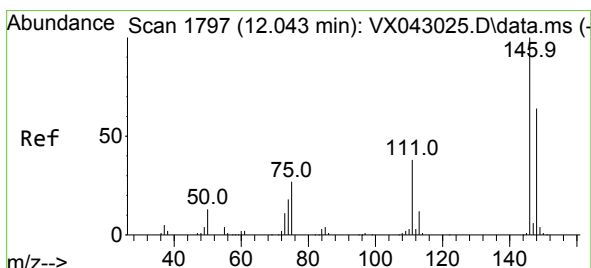
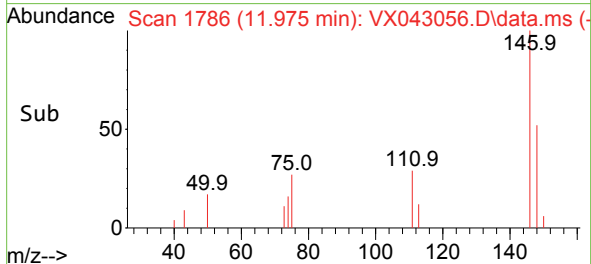
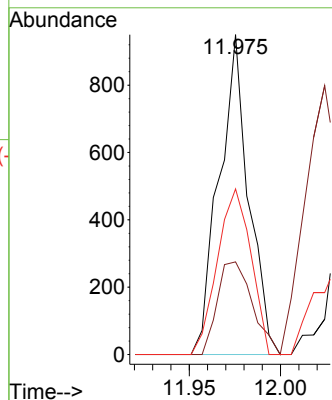
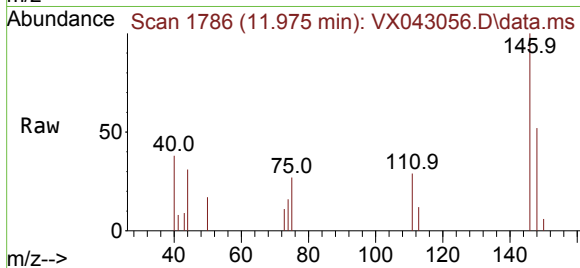
Tgt Ion:146 Resp: 1068

Ion Ratio Lower Upper

146 100

111 34.5 22.1 66.1

148 58.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.442 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

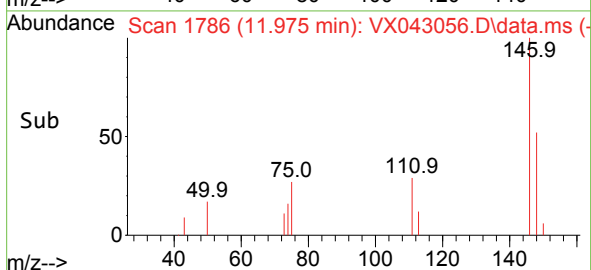
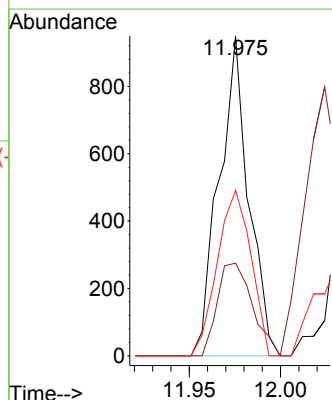
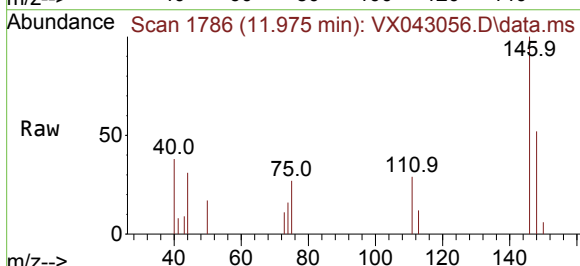
Tgt Ion:146 Resp: 1068

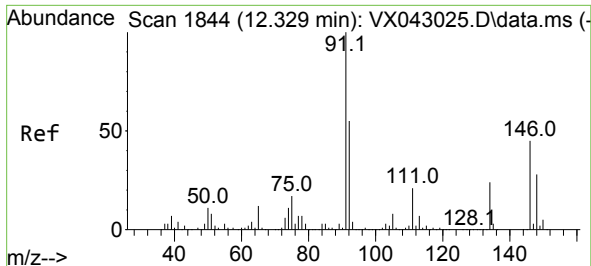
Ion Ratio Lower Upper

146 100

111 34.5 21.3 63.7

148 58.9 31.8 95.4

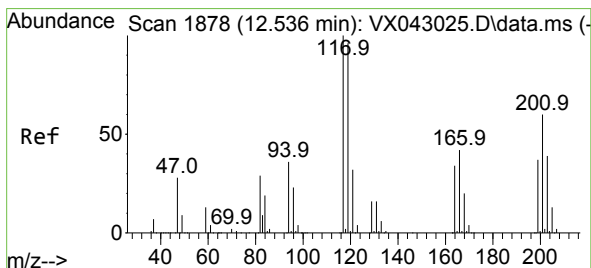
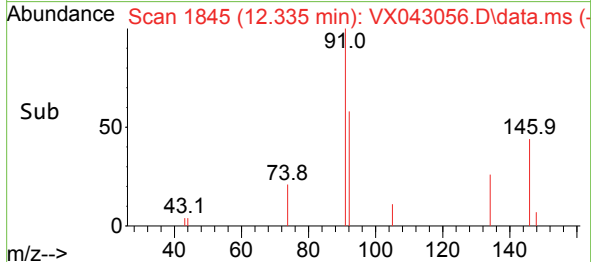
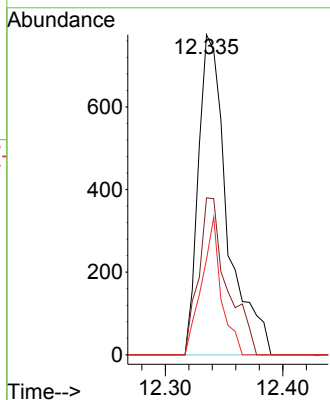
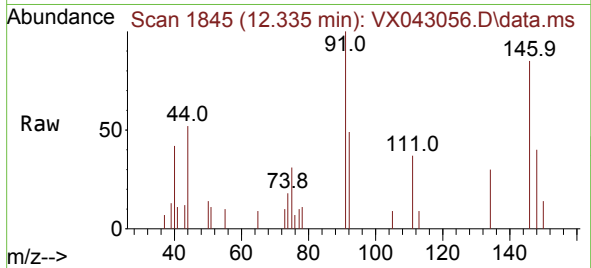




#89
n-Butylbenzene
Concen: 0.331 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

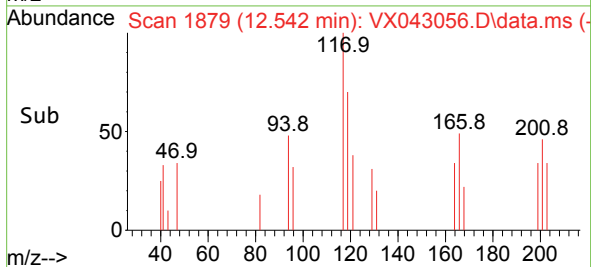
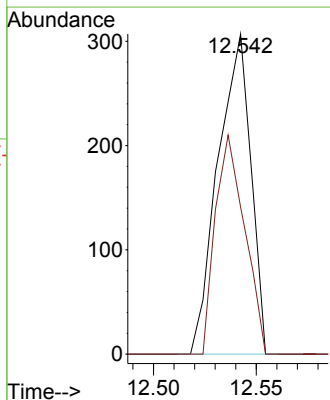
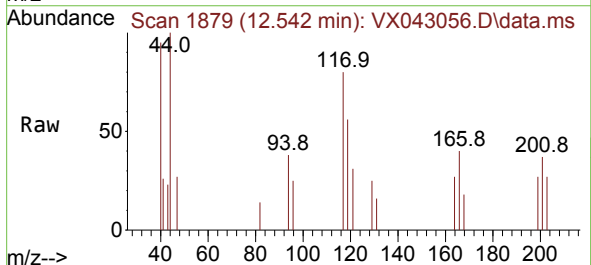
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

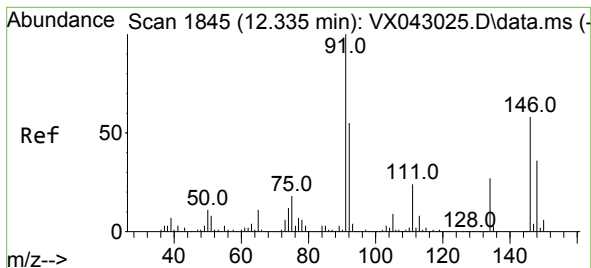
Tgt Ion: 91 Resp: 1324
Ion Ratio Lower Upper
91 100
92 47.8 27.4 82.0
134 29.0 12.6 37.8



#90
Hexachloroethane
Concen: 0.367 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX043056.D
Acq: 15 Aug 2024 16:34

Tgt Ion: 117 Resp: 341
Ion Ratio Lower Upper
117 100
201 61.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.478 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

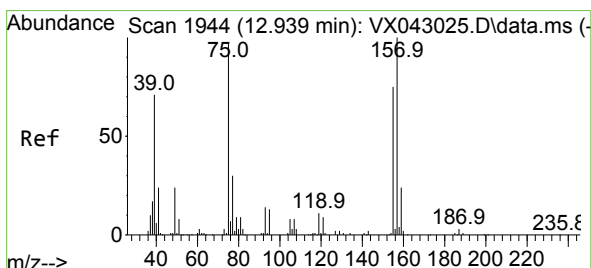
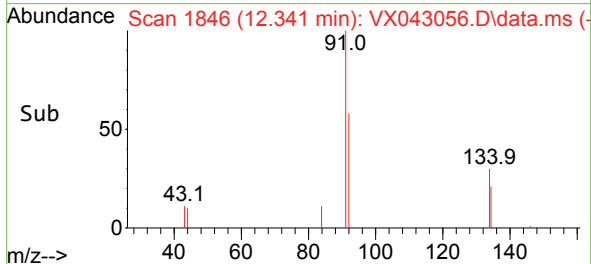
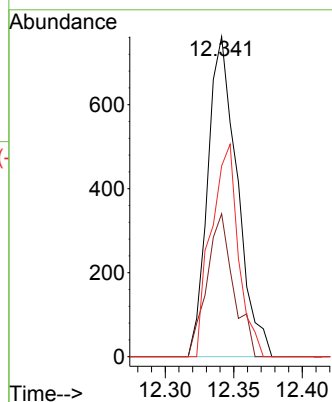
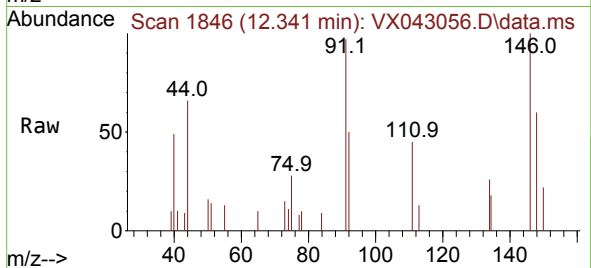
Tgt Ion:146 Resp: 1137

Ion Ratio Lower Upper

146 100

111 40.2 22.4 67.0

148 61.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.399 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

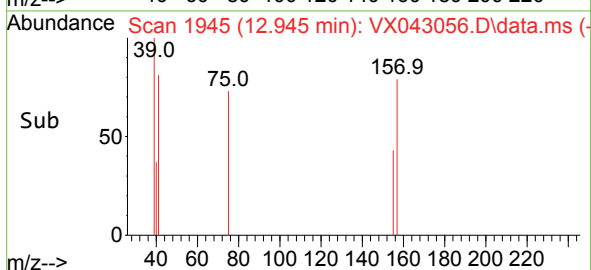
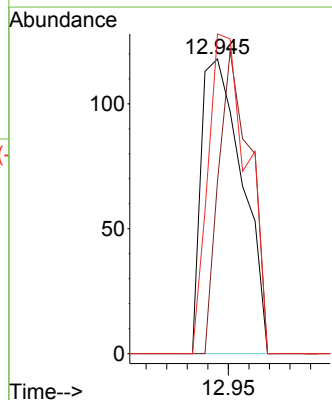
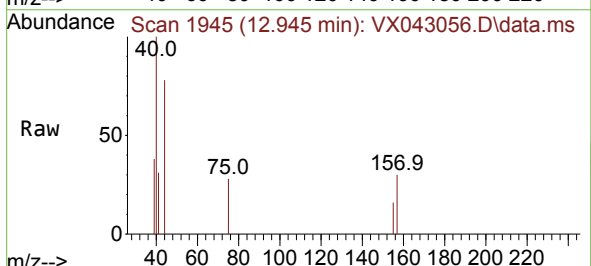
Tgt Ion: 75 Resp: 164

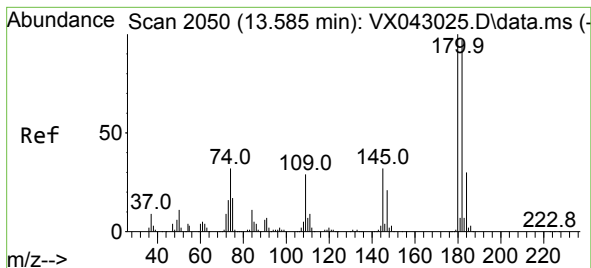
Ion Ratio Lower Upper

75 100

155 79.3 36.1 108.5

157 103.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.427 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

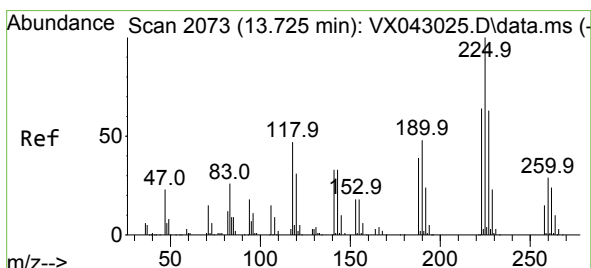
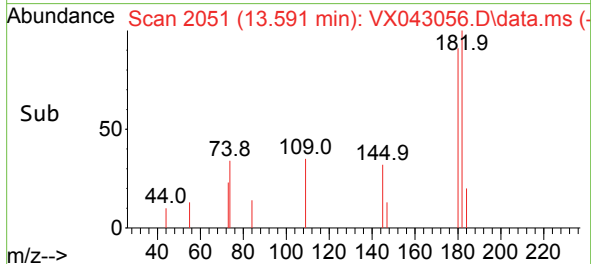
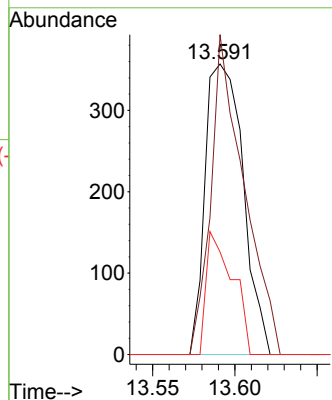
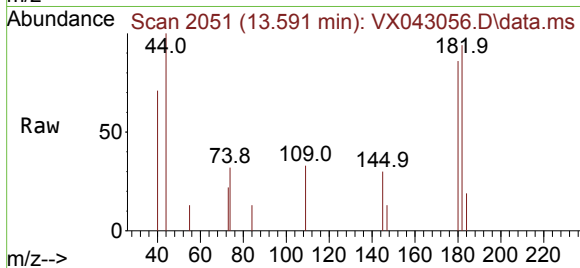
Tgt Ion:180 Resp: 572

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.8

145 29.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.416 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

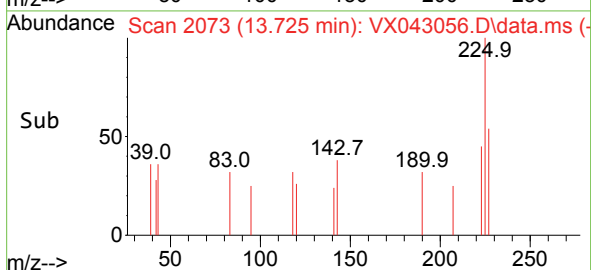
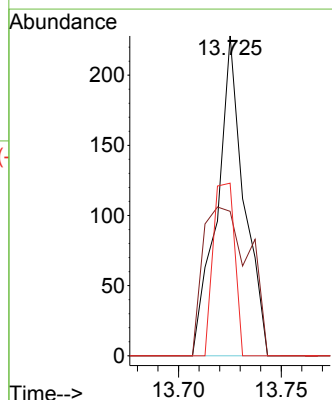
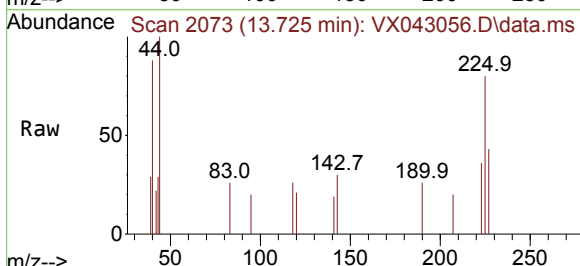
Tgt Ion:225 Resp: 208

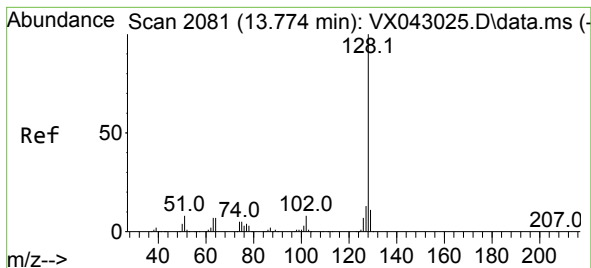
Ion Ratio Lower Upper

225 100

223 79.3 31.1 93.2

227 42.8 32.5 97.5





#95

Naphthalene

Concen: 0.412 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

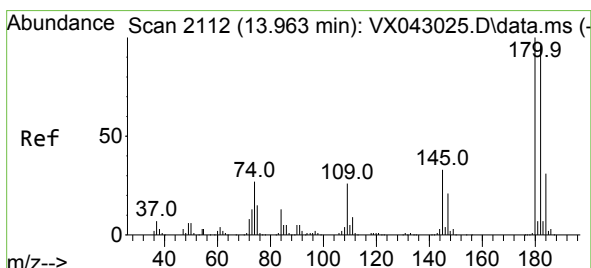
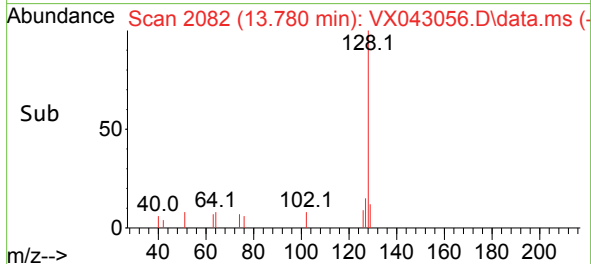
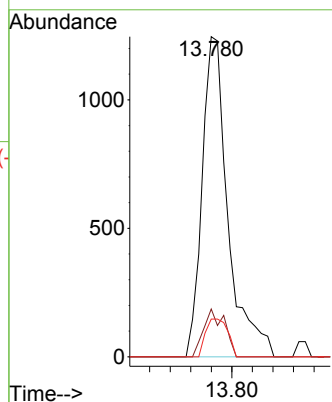
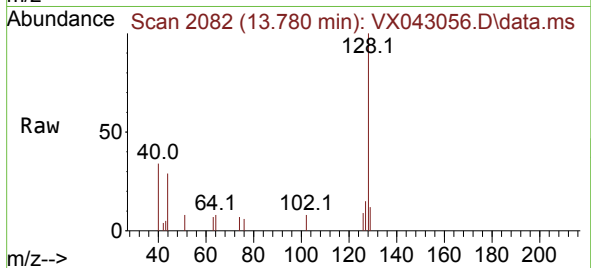
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:128	Resp:	2178
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.3 15.5
129	10.1	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.482 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX043056.D

Acq: 15 Aug 2024 16:34

Tgt Ion:180	Resp:	661
Ion Ratio	Lower	Upper
180	100	
182	60.8	46.9 140.6
145	23.8	17.8 53.5

