

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076773.D
 Acq On : 22 Feb 2023 16:05
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 00:44:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	232444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	437204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	373279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	134987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	162940	50.765	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.520%
35) Dibromofluoromethane	8.172	113	122470	42.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.540%
50) Toluene-d8	10.572	98	463608	43.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.720%
62) 4-Bromofluorobenzene	12.854	95	129474	36.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	299	0.121	ug/l #	40
3) Chloromethane	2.378	50	898	0.279	ug/l #	54
4) Vinyl Chloride	2.543	62	773	0.244	ug/l #	63
5) Bromomethane	2.943	94	134	0.070	ug/l #	66
6) Chloroethane	3.125	64	473	0.236	ug/l #	44
7) Trichlorofluoromethane	3.513	101	879	0.204	ug/l #	52
8) Diethyl Ether	3.990	74	178	0.107	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	4.378	101	71	0.028	ug/l #	1
10) Methyl Iodide	4.601	142	136	0.043	ug/l #	41
11) Tert butyl alcohol	5.531	59	217	0.512	ug/l #	71
12) 1,1-Dichloroethene	4.354	96	132	0.055	ug/l #	43
13) Acrolein	4.190	56	266	0.418	ug/l #	44
14) Allyl chloride	5.043	41	700	0.168	ug/l #	79
15) Acrylonitrile	5.737	53	772	0.513	ug/l #	35
16) Acetone	4.466	43	1664	1.161	ug/l #	83
17) Carbon Disulfide	4.737	76	1236	0.195	ug/l #	73
18) Methyl Acetate	5.049	43	924	0.197	ug/l #	73
19) Methyl tert-butyl Ether	5.813	73	1656	0.205	ug/l #	52
20) Methylene Chloride	5.284	84	3519	1.171	ug/l #	65
21) trans-1,2-Dichloroethene	5.807	96	251	0.093	ug/l #	68
22) Diisopropyl ether	6.684	45	1496	0.153	ug/l #	74
23) Vinyl Acetate	6.613	43	4377	0.759	ug/l #	73
24) 1,1-Dichloroethane	6.572	63	731	0.137	ug/l #	81
25) 2-Butanone	7.507	43	2515	1.189	ug/l #	88
26) 2,2-Dichloropropane	7.490	77	657	0.170	ug/l #	70
27) cis-1,2-Dichloroethene	7.490	96	561	0.175	ug/l	58
28) Bromochloromethane	7.807	49	222	0.087	ug/l #	72
29) Tetrahydrofuran	7.854	42	1438	1.041	ug/l #	70
30) Chloroform	7.978	83	1205	0.226	ug/l #	69
31) Cyclohexane	8.225	56	7760	1.541	ug/l #	1
32) 1,1,1-Trichloroethane	8.172	97	840	0.187	ug/l #	49
36) 1,1-Dichloropropene	8.389	75	996	0.241	ug/l #	55
37) Ethyl Acetate	7.566	43	1069	0.246	ug/l #	71
38) Carbon Tetrachloride	8.231	117	25024	5.996	ug/l #	14
39) Methylcyclohexane	9.613	83	714	0.152	ug/l #	64
40) Benzene	8.607	78	2146	0.169	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.766	41	76	0.030	ug/l #	26
42) 1,2-Dichloroethane	8.684	62	1423	0.321	ug/l #	74
43) Isopropyl Acetate	8.689	43	1474	0.208	ug/l #	56
44) Trichloroethene	9.342	130	183	0.061	ug/l	2
45) 1,2-Dichloropropane	9.619	63	515	0.153	ug/l #	44
46) Dibromomethane	9.707	93	213	0.099	ug/l #	38
47) Bromodichloromethane	9.901	83	650	0.151	ug/l #	25
48) Methyl methacrylate	9.689	41	659	0.196	ug/l #	47
49) 1,4-Dioxane	9.695	88	115	1.978	ug/l #	20
51) 4-Methyl-2-Pentanone	10.442	43	3875	0.860	ug/l #	79
52) Toluene	10.636	92	1770	0.231	ug/l #	53
53) t-1,3-Dichloropropene	10.836	75	756	0.182	ug/l #	67
54) cis-1,3-Dichloropropene	10.313	75	827	0.172	ug/l #	87
55) 1,1,2-Trichloroethane	11.001	97	428	0.137	ug/l #	16
56) Ethyl methacrylate	10.872	69	719	0.164	ug/l	98
57) 1,3-Dichloropropane	11.160	76	884	0.165	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.154	63	776	0.386	ug/l	96
59) 2-Hexanone	11.201	43	2776	0.854	ug/l	84
60) Dibromochloromethane	11.360	129	512	0.156	ug/l	76
61) 1,2-Dibromoethane	11.472	107	564	0.181	ug/l #	44
64) Tetrachloroethene	11.095	164	563	0.239	ug/l #	21
65) Chlorobenzene	11.901	112	1326	0.168	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.966	131	495	0.172	ug/l #	62
67) Ethyl Benzene	11.966	91	2201	0.163	ug/l #	44
68) m/p-Xylenes	12.072	106	1740	0.335	ug/l	78
69) o-Xylene	12.407	106	719	0.142	ug/l	93
70) Styrene	12.419	104	1416	0.173	ug/l #	82
71) Bromoform	12.589	173	169	0.080	ug/l #	28
73) Isopropylbenzene	12.695	105	1766	0.178	ug/l	85
74) N-amyl acetate	12.501	43	786	0.176	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.942	83	692	0.193	ug/l #	80
76) 1,2,3-Trichloropropane	12.854	75	75499	27.665	ug/l #	1
77) Bromobenzene	12.989	156	290	0.117	ug/l #	1
78) n-propylbenzene	13.042	91	2091	0.180	ug/l	87
79) 2-Chlorotoluene	13.224	91	1432	0.201	ug/l	81
80) 1,3,5-Trimethylbenzene	13.172	105	1575	0.193	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.854	75	75499	80.576	ug/l #	4
82) 4-Chlorotoluene	13.224	91	1432	0.201	ug/l	81
83) tert-Butylbenzene	13.442	119	1317	0.178	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.483	105	1155	0.142	ug/l	92
85) sec-Butylbenzene	13.624	105	1594	0.154	ug/l	79
86) p-Isopropyltoluene	13.736	119	1040	0.126	ug/l	88
87) 1,3-Dichlorobenzene	13.730	146	1048	0.225	ug/l	86
88) 1,4-Dichlorobenzene	13.730	146	1048	0.226	ug/l	84
89) n-Butylbenzene	14.054	91	1099	0.153	ug/l	76
90) Hexachloroethane	14.336	117	280	0.162	ug/l #	43
91) 1,2-Dichlorobenzene	14.107	146	1004	0.210	ug/l #	72
92) 1,2-Dibromo-3-Chloropr...	14.713	75	62	0.089	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.401	180	620	0.260	ug/l #	85
94) Hexachlorobutadiene	15.507	225	79	0.068	ug/l #	1
95) Naphthalene	15.636	128	2030	0.280	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.836	180	571	0.247	ug/l #	61

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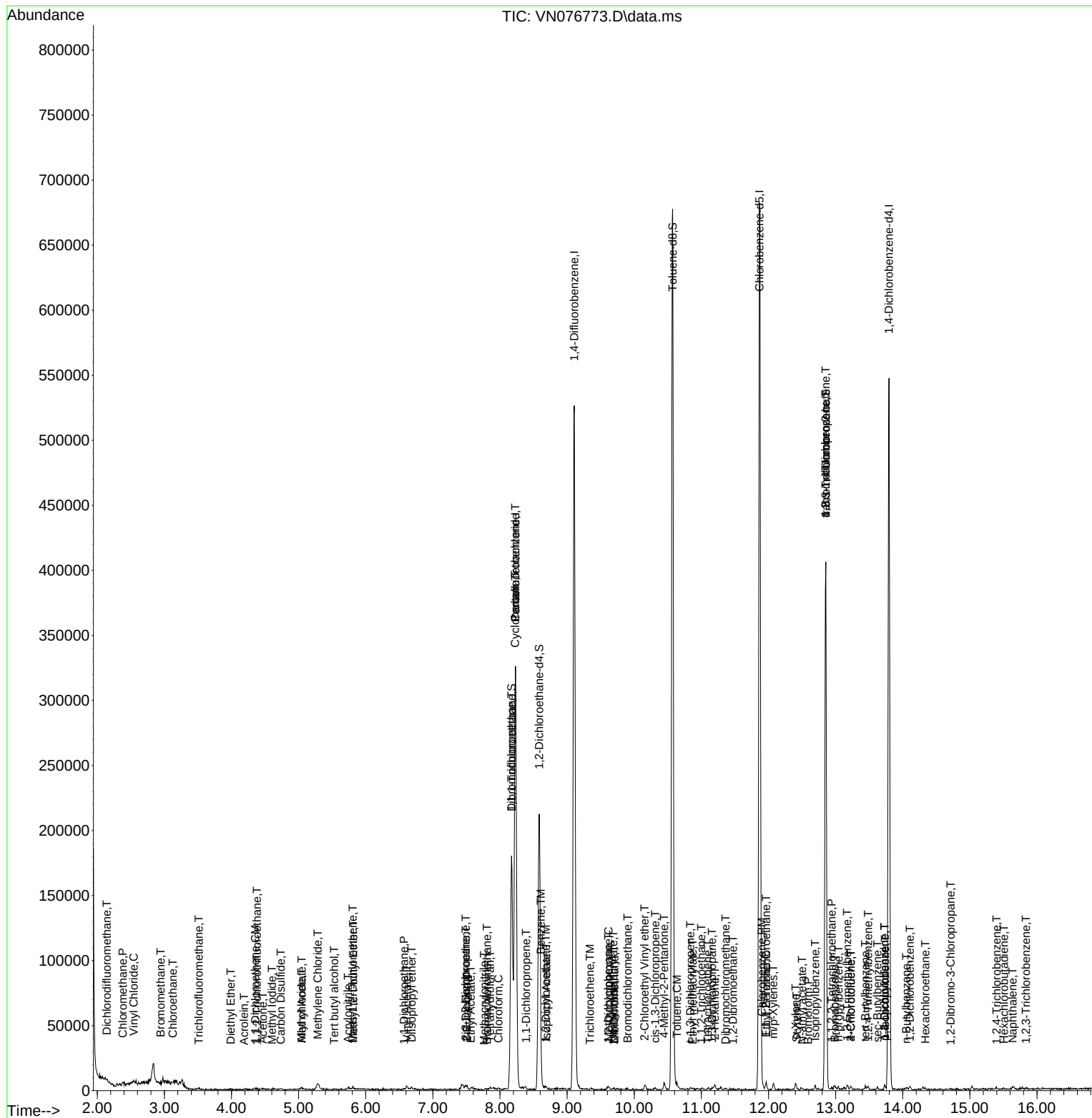
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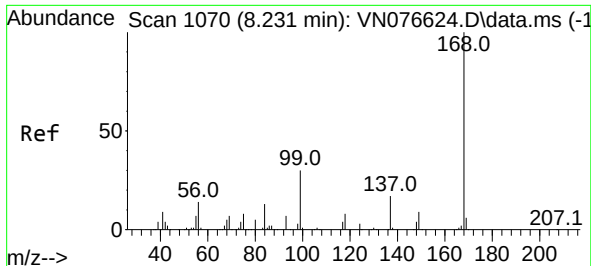
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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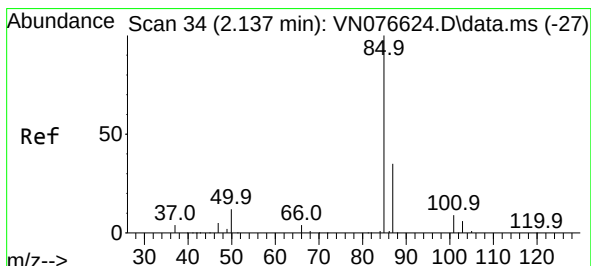
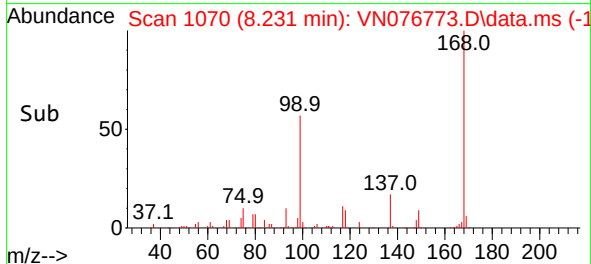
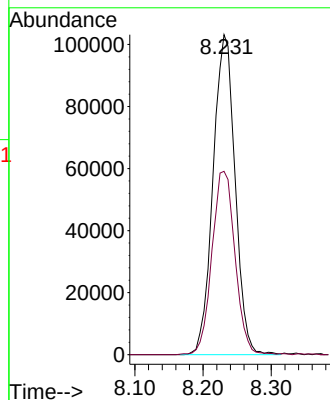
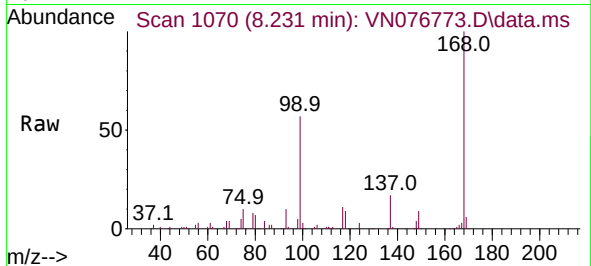




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
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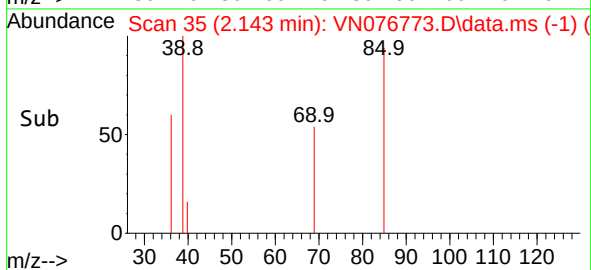
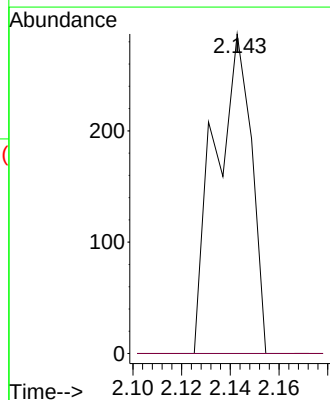
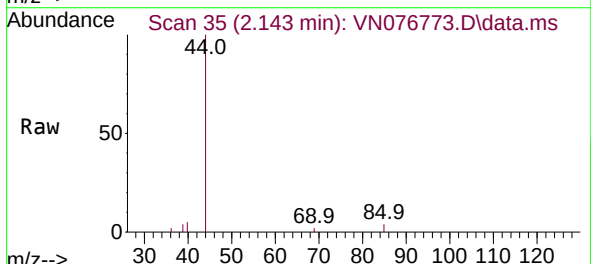
Instrument :
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MDL-WATER-03-QT1-2023

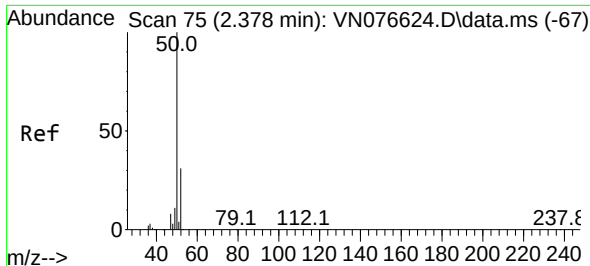
Tgt Ion:168 Resp: 232444
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 0.121 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 85 Resp: 299
Ion Ratio Lower Upper
85 100
87 0.0 17.4 52.2#

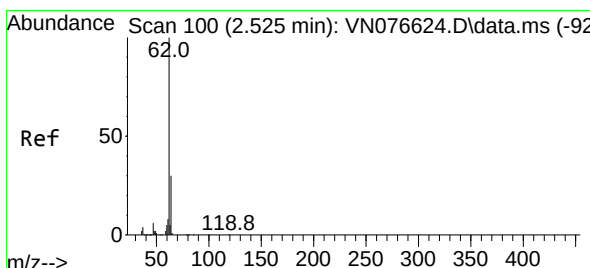
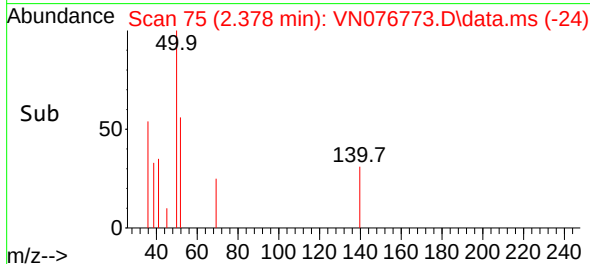
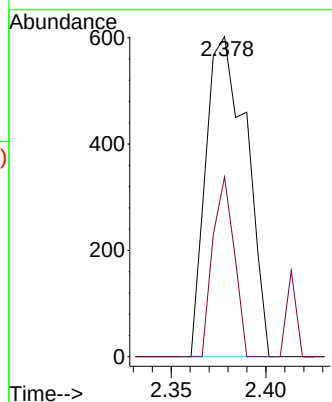
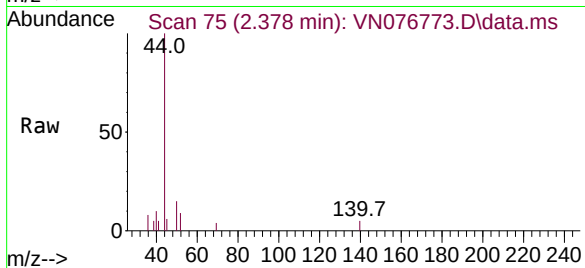




#3
Chloromethane
Concen: 0.279 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

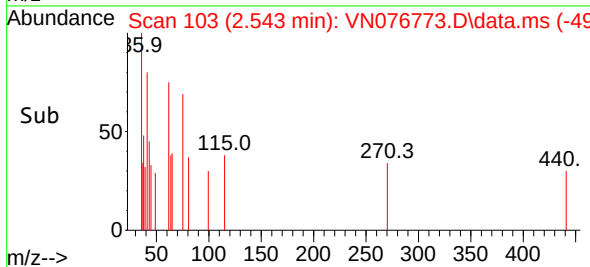
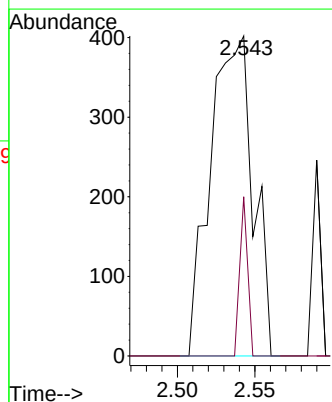
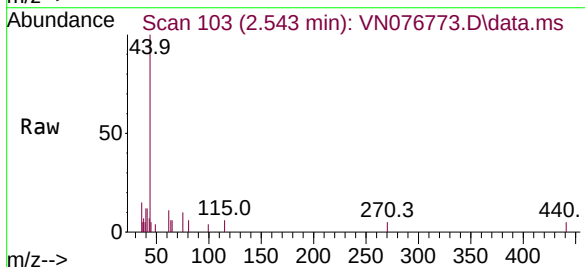
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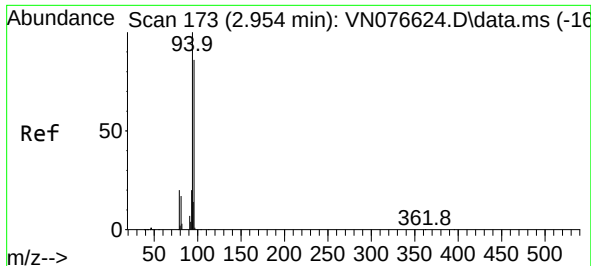
Tgt Ion: 50 Resp: 898
Ion Ratio Lower Upper
50 100
52 56.1 24.7 37.1#



#4
Vinyl Chloride
Concen: 0.244 ug/l
RT: 2.543 min Scan# 103
Delta R.T. 0.018 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 62 Resp: 773
Ion Ratio Lower Upper
62 100
64 49.8 23.9 35.9#

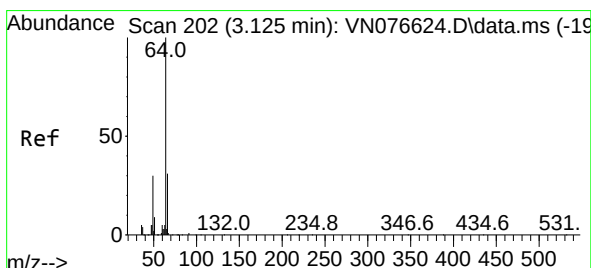
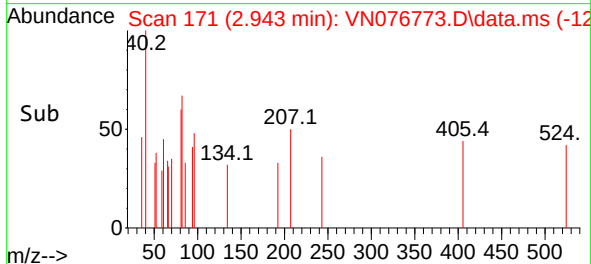
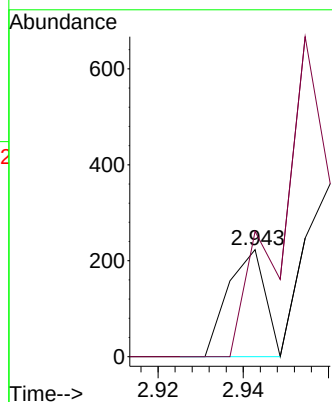
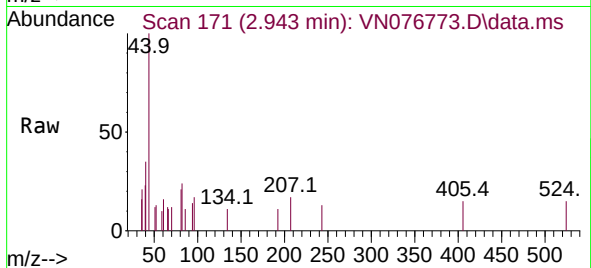




#5
Bromomethane
Concen: 0.070 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.011 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

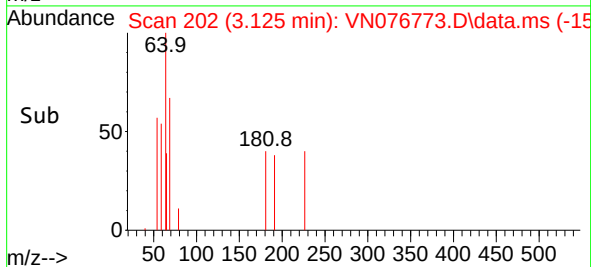
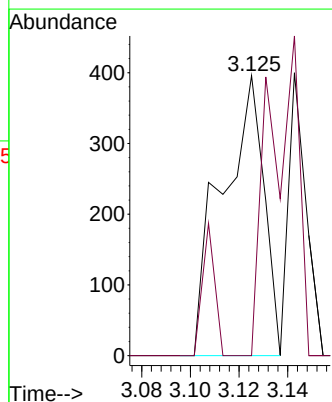
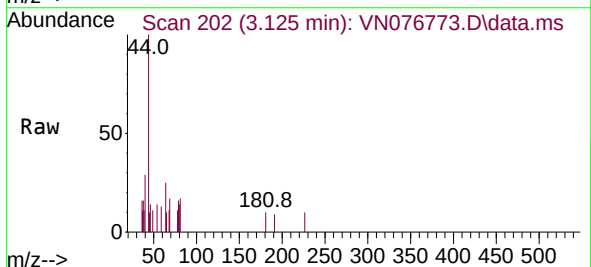
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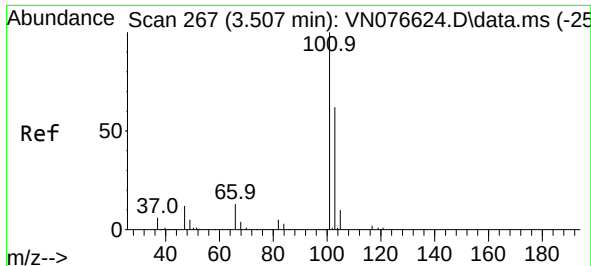
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 117.0 69.0 103.4#



#6
Chloroethane
Concen: 0.236 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 64 Resp: 473
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#

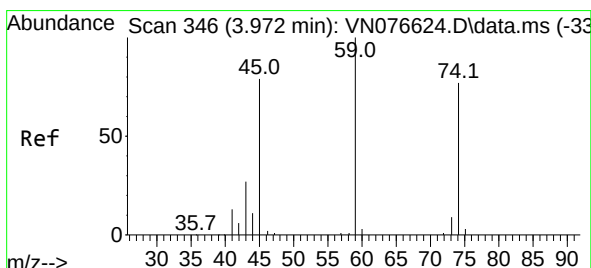
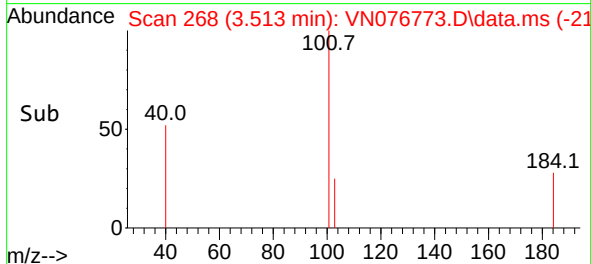
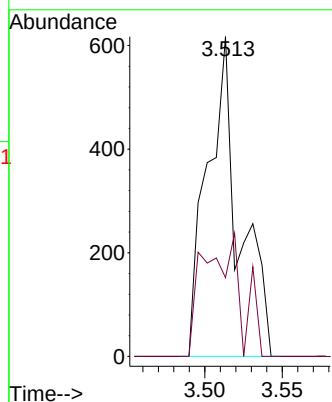
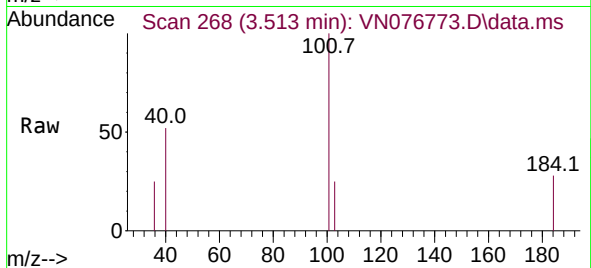




#7
 Trichlorofluoromethane
 Concen: 0.204 ug/l
 RT: 3.513 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

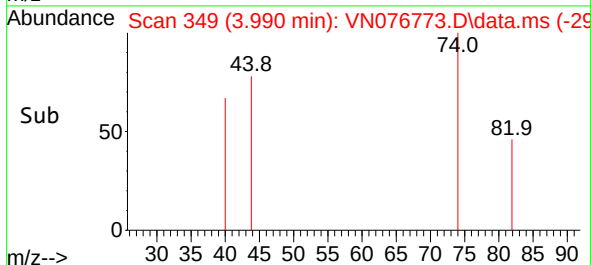
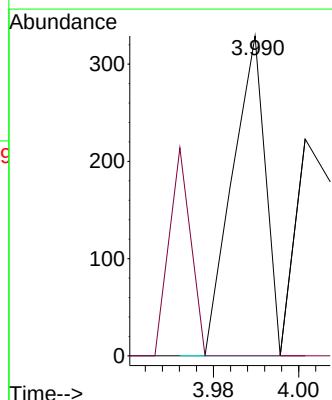
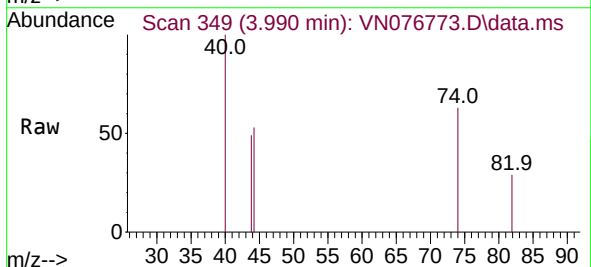
Instrument :
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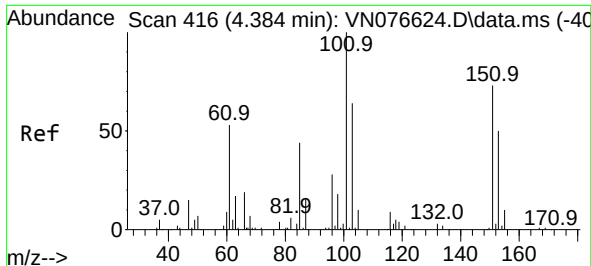
Tgt Ion:101 Resp: 879
 Ion Ratio Lower Upper
 101 100
 103 24.6 49.4 74.2#



#8
 Diethyl Ether
 Concen: 0.107 ug/l
 RT: 3.990 min Scan# 349
 Delta R.T. 0.018 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

Tgt Ion: 74 Resp: 178
 Ion Ratio Lower Upper
 74 100
 45 42.7 51.3 153.9#

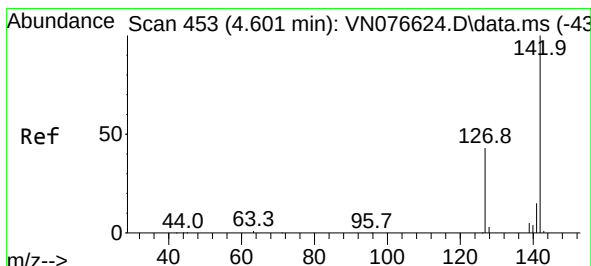
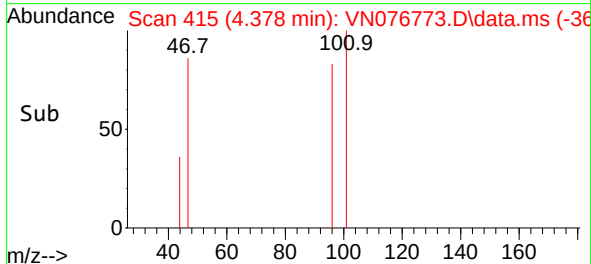
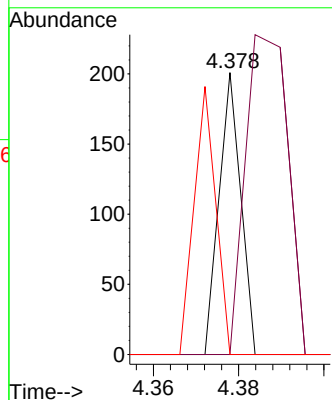
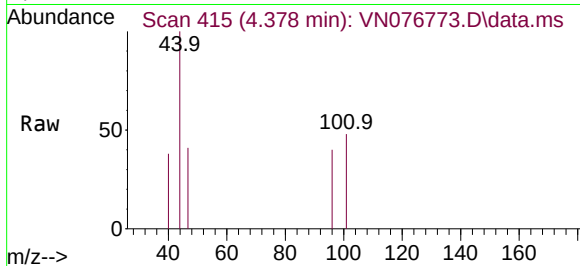




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.028 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

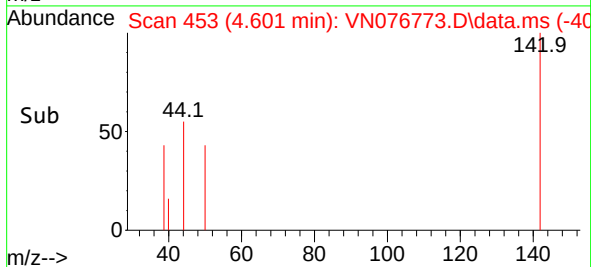
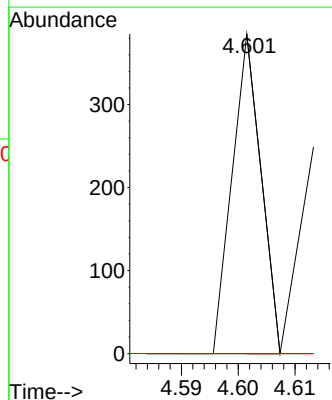
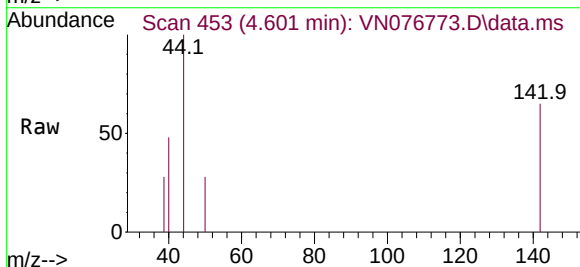
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

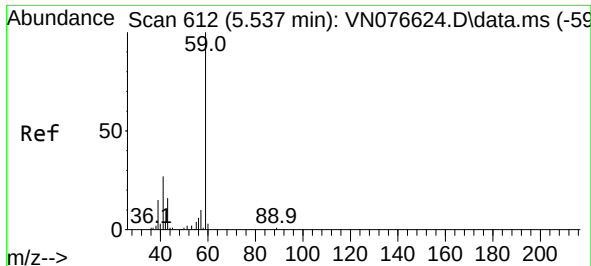
Tgt Ion:101 Resp: 71
Ion Ratio Lower Upper
101 100
85 222.5 37.4 56.0#
151 94.4 58.7 88.1#



#10
Methyl Iodide
Concen: 0.043 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 0.0 11.7 17.5#

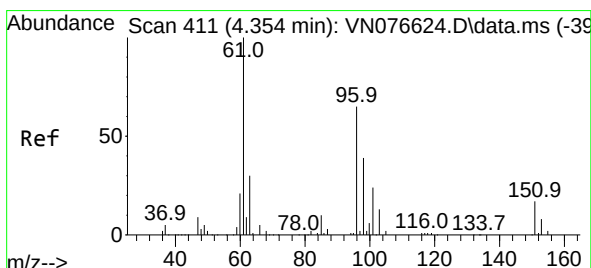
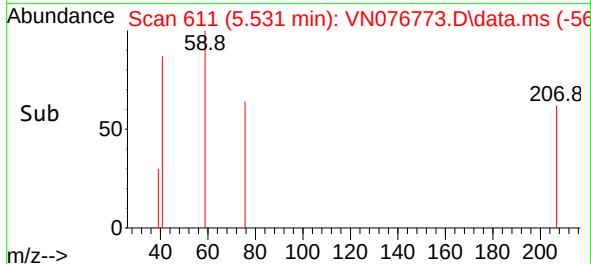
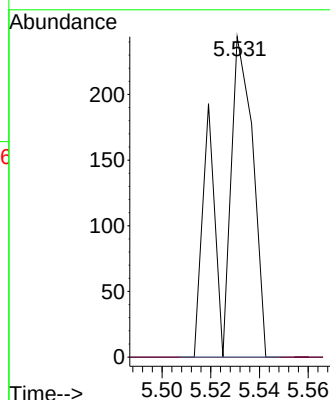
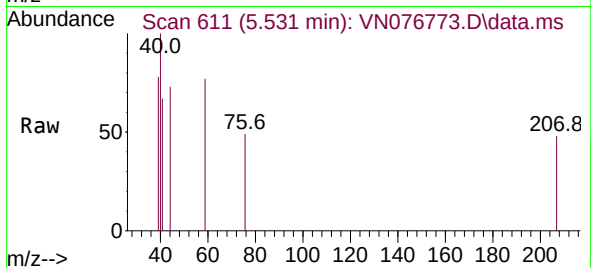




#11
Tert butyl alcohol
Concen: 0.512 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

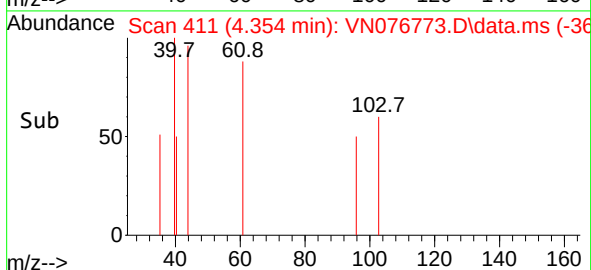
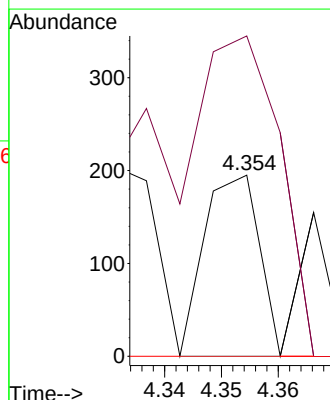
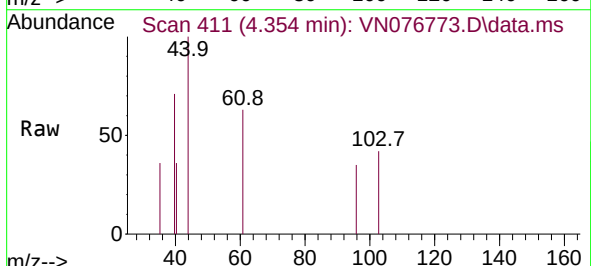
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

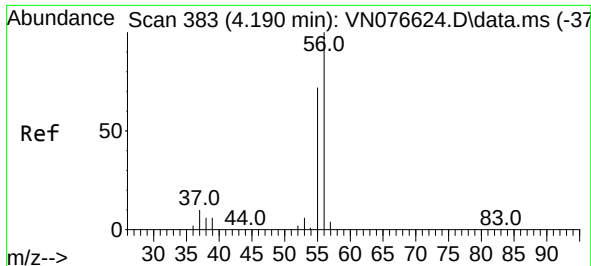
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.055 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 96 Resp: 132
Ion Ratio Lower Upper
96 100
61 92.8 123.8 185.6#
98 0.0 48.4 72.6#

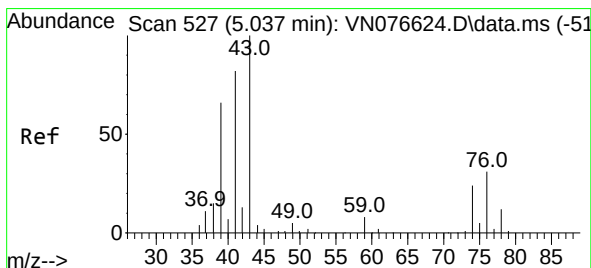
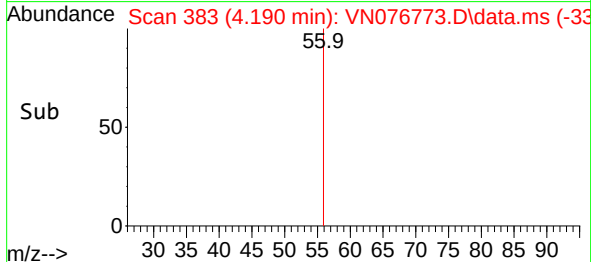
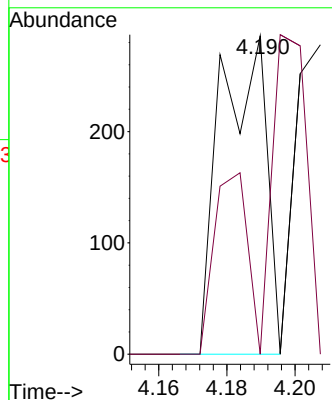
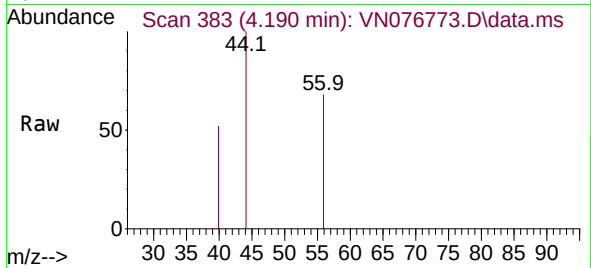




#13
Acrolein
Concen: 0.418 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

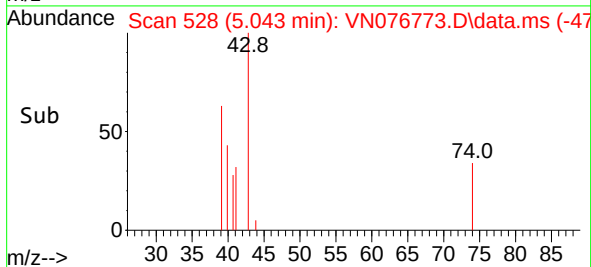
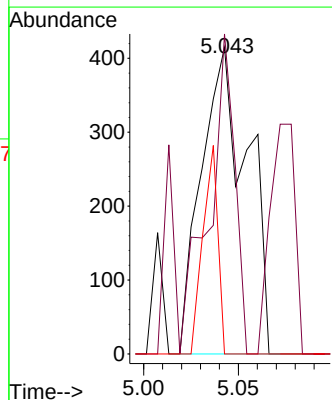
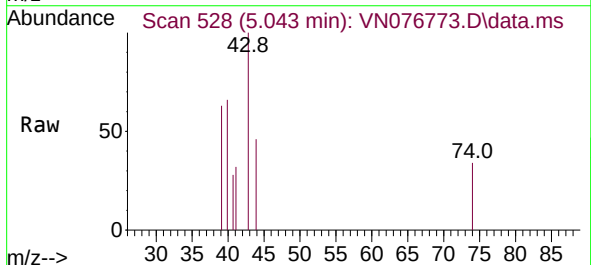
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

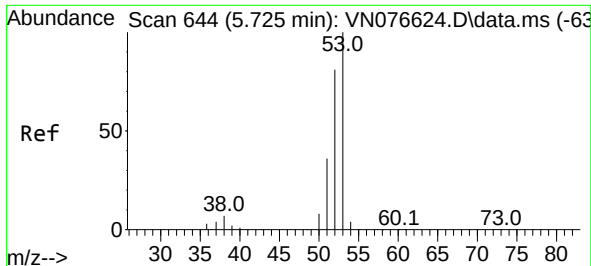
Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 116.5 56.3 84.5#



#14
Allyl chloride
Concen: 0.168 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 41 Resp: 700
Ion Ratio Lower Upper
41 100
39 59.1 62.3 93.5#
76 22.0 27.0 40.6#

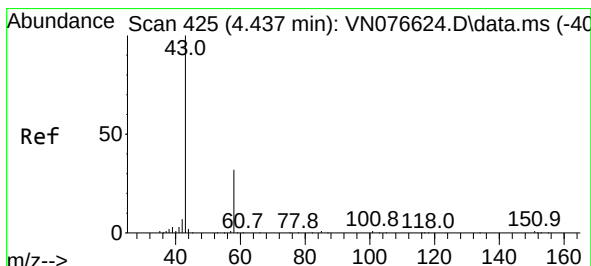
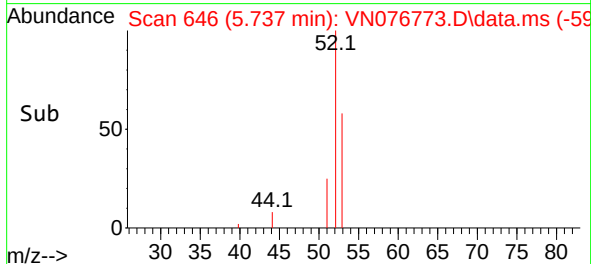
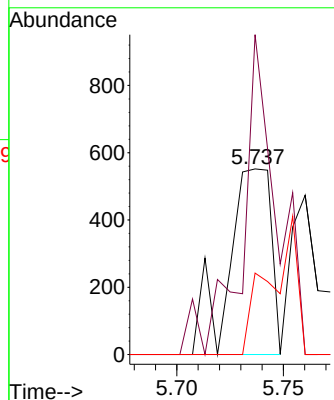
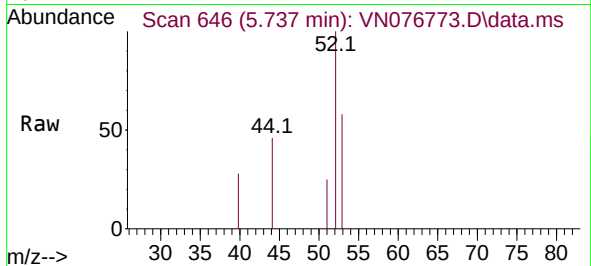




#15
Acrylonitrile
Concen: 0.513 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

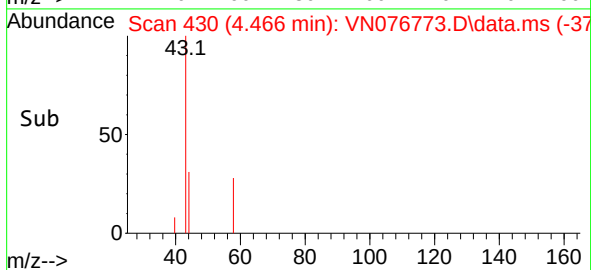
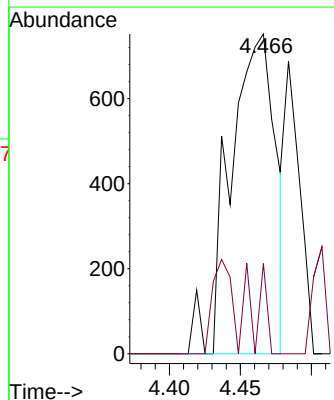
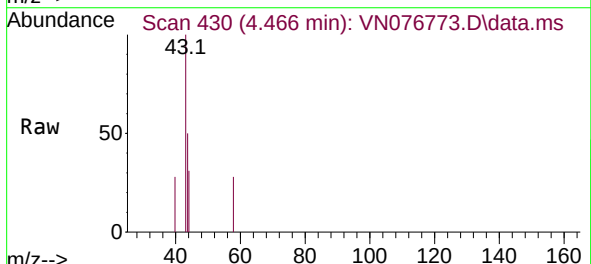
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

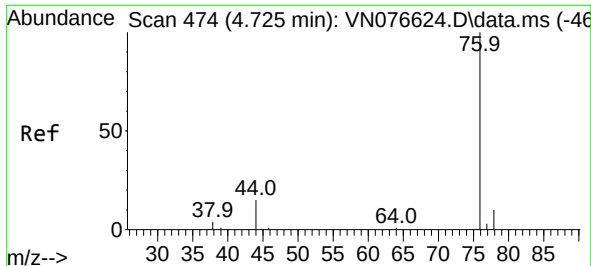
Tgt Ion: 53 Resp: 772
Ion Ratio Lower Upper
53 100
52 140.3 65.3 97.9#
51 0.0 29.2 43.8#



#16
Acetone
Concen: 1.161 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.029 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 22.6 25.9 38.9#

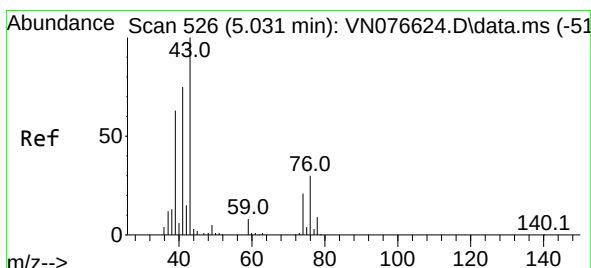
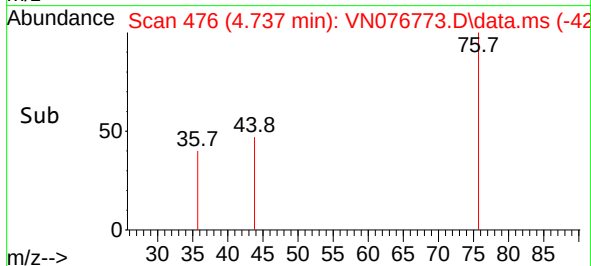
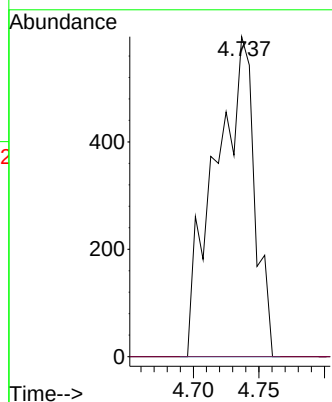
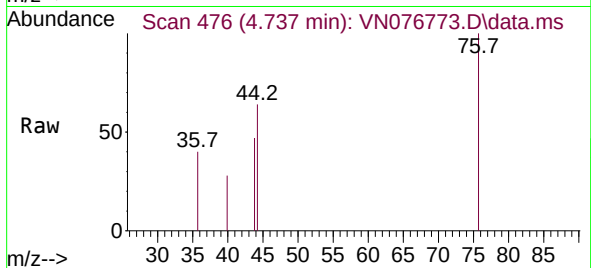




#17
Carbon Disulfide
Concen: 0.195 ug/l
RT: 4.737 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

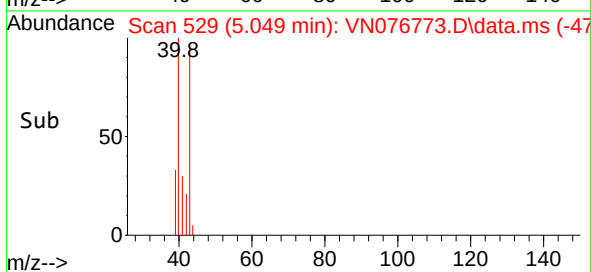
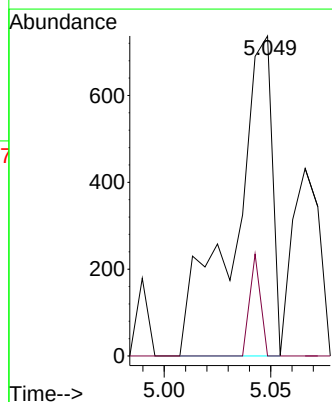
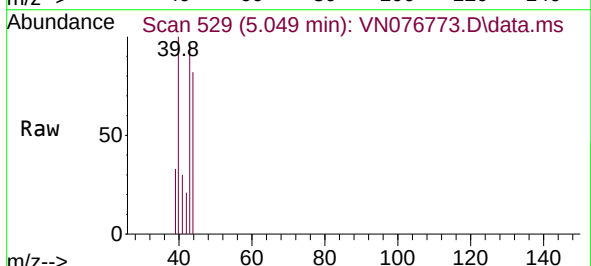
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

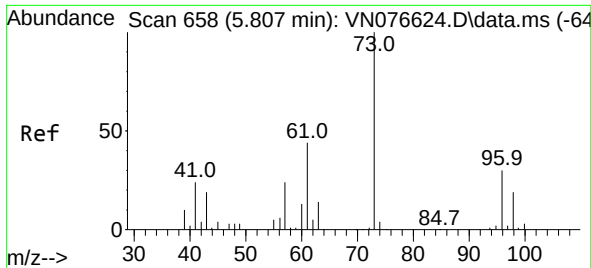
Tgt Ion: 76 Resp: 1236
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 0.197 ug/l
RT: 5.049 min Scan# 529
Delta R.T. 0.018 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
74 9.0 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.205 ug/l

RT: 5.813 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

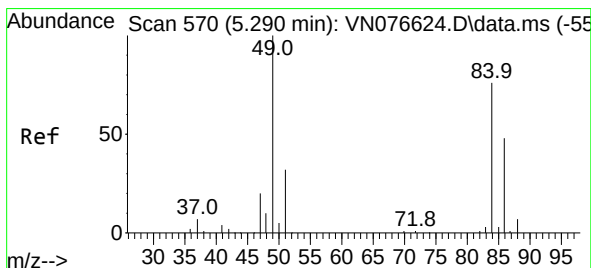
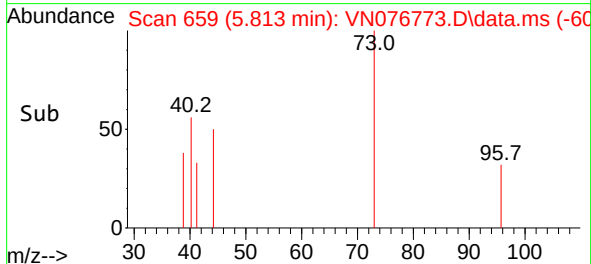
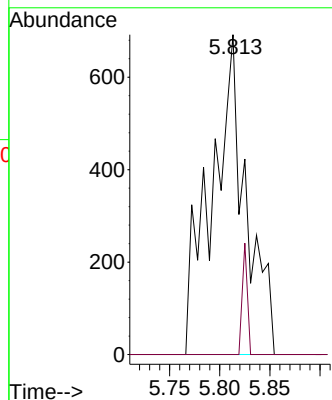
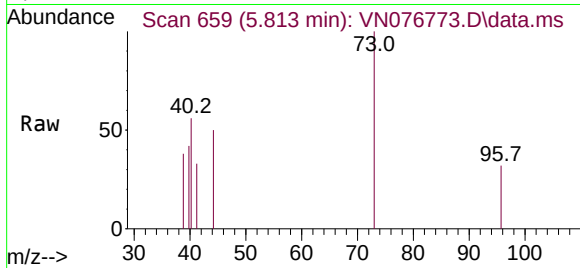
MDL-WATER-03-QT1-2023

Tgt Ion: 73 Resp: 1656

Ion Ratio Lower Upper

73 100

57 0.0 19.0 28.4#



#20

Methylene Chloride

Concen: 1.171 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Tgt Ion: 84 Resp: 3519

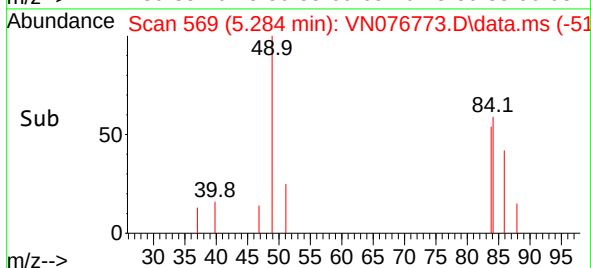
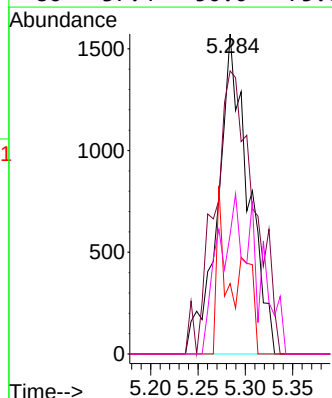
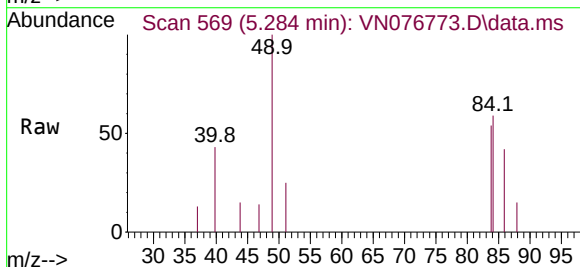
Ion Ratio Lower Upper

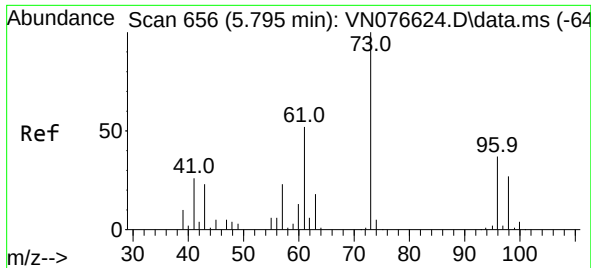
84 100

49 88.4 104.9 157.3#

51 22.0 33.8 50.8#

86 37.4 50.0 75.0#

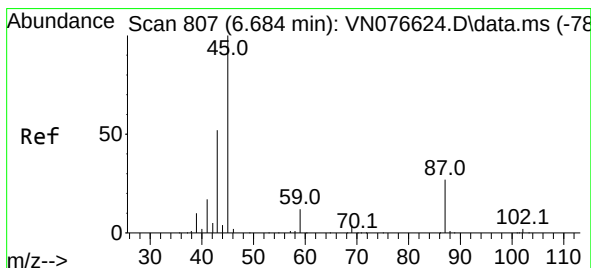
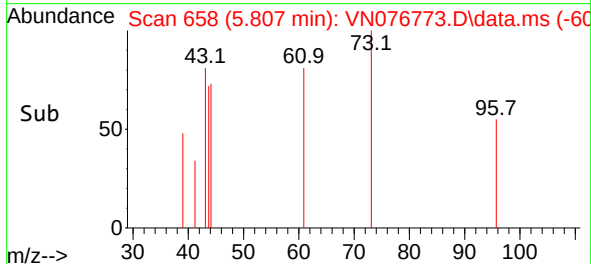
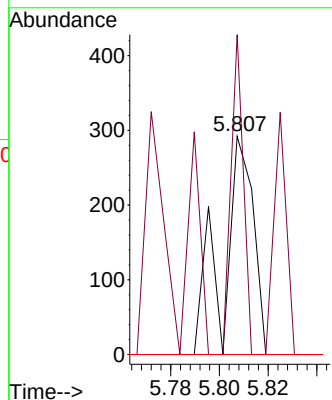
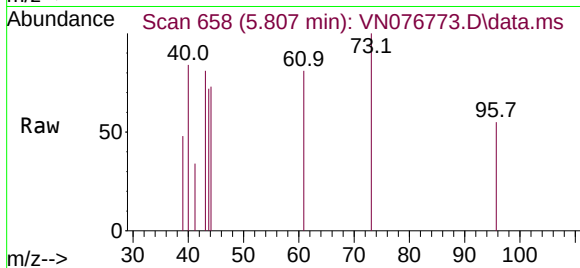




#21
trans-1,2-Dichloroethene
Concen: 0.093 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

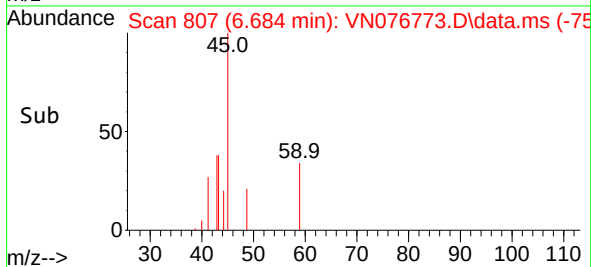
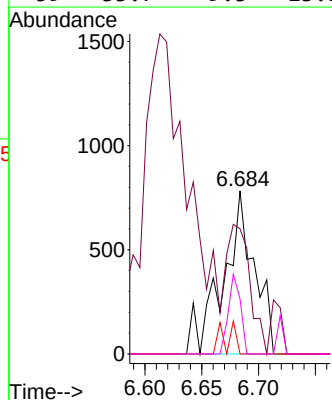
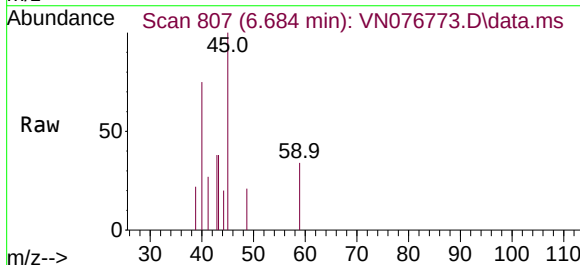
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

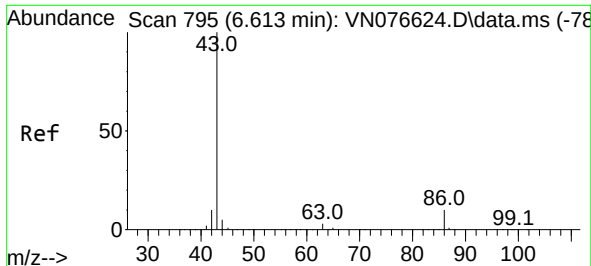
Tgt Ion: 96 Resp: 251
Ion Ratio Lower Upper
96 100
61 146.6 113.9 170.9
98 0.0 59.4 89.0#



#22
Diisopropyl ether
Concen: 0.153 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 45 Resp: 1496
Ion Ratio Lower Upper
45 100
43 48.4 41.8 62.6
87 0.0 21.8 32.8#
59 33.7 9.3 13.9#

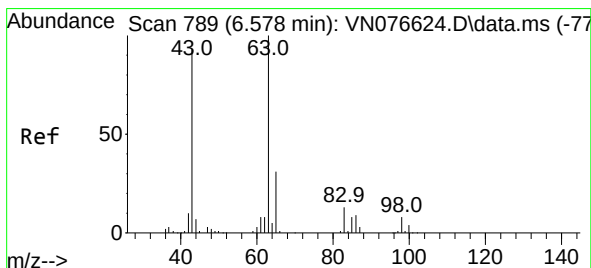
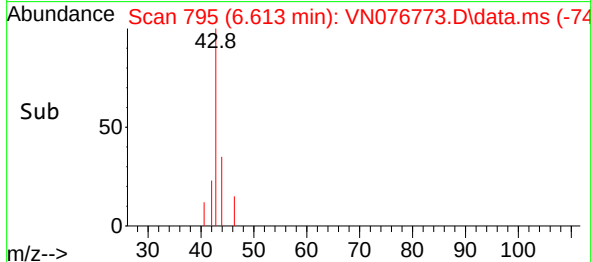
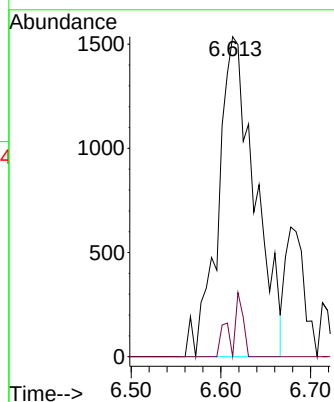
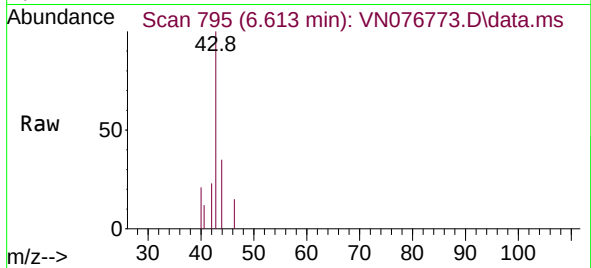




#23
 Vinyl Acetate
 Concen: 0.759 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

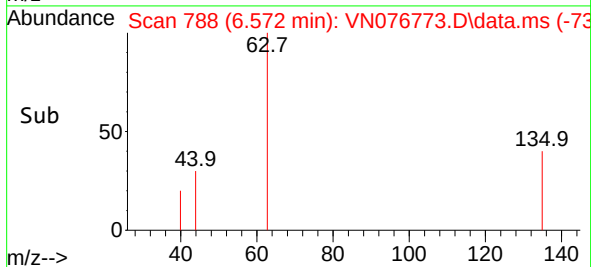
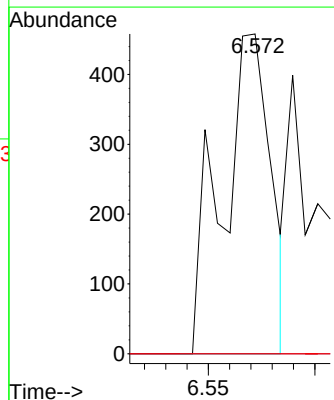
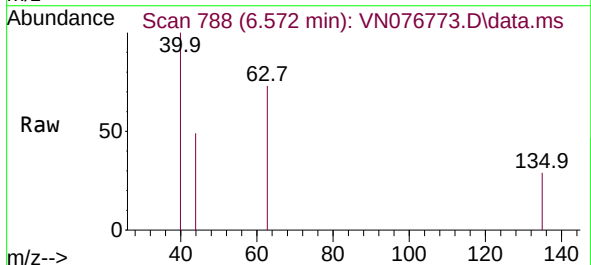
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

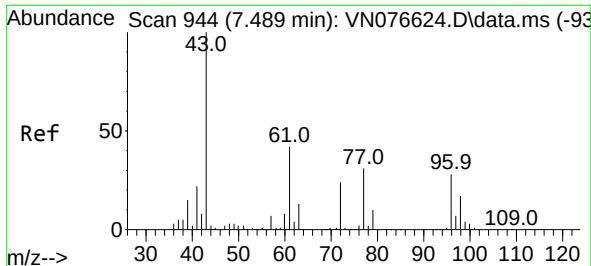
Tgt Ion: 43 Resp: 4377
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.137 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

Tgt Ion: 63 Resp: 731
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 1.189 ug/l

RT: 7.507 min Scan# 947

Delta R.T. 0.018 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

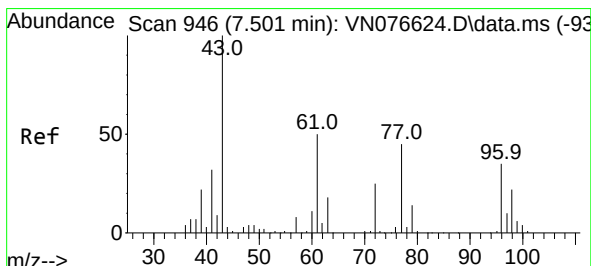
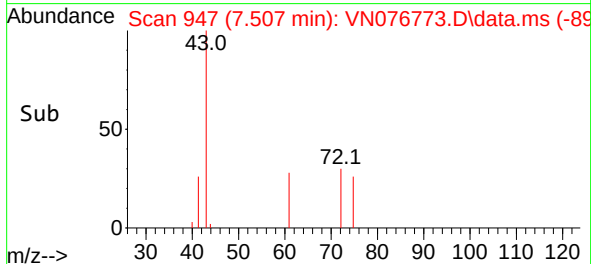
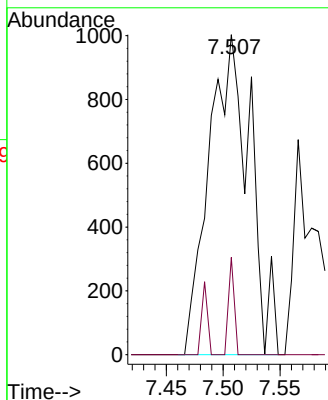
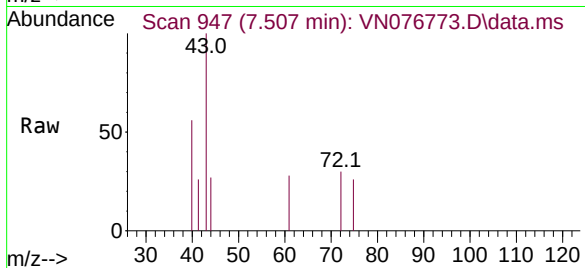
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 2515

Ion Ratio Lower Upper

43 100

72 30.4 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.170 ug/l

RT: 7.490 min Scan# 944

Delta R.T. -0.011 min

Lab File: VN076773.D

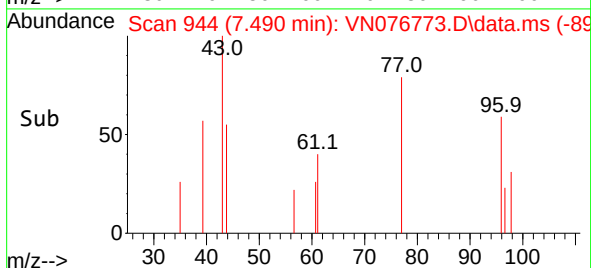
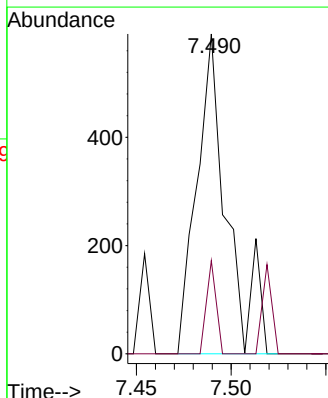
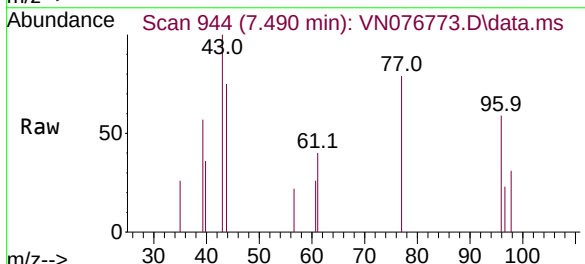
Acq: 22 Feb 2023 16:05

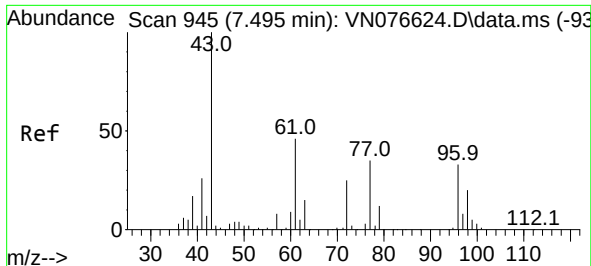
Tgt Ion: 77 Resp: 657

Ion Ratio Lower Upper

77 100

97 9.3 11.9 35.7#

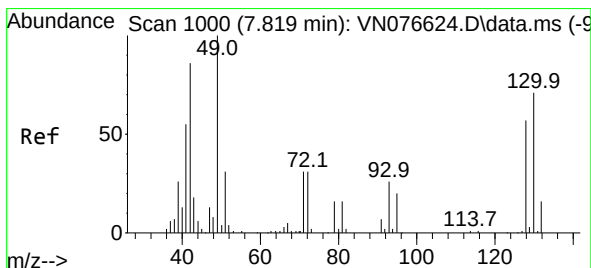
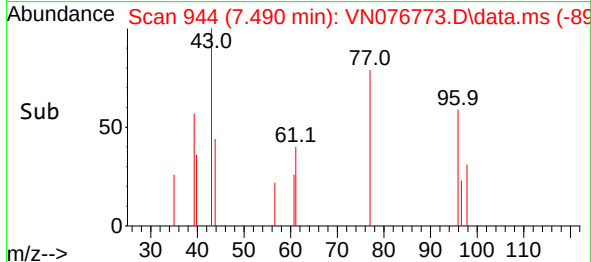
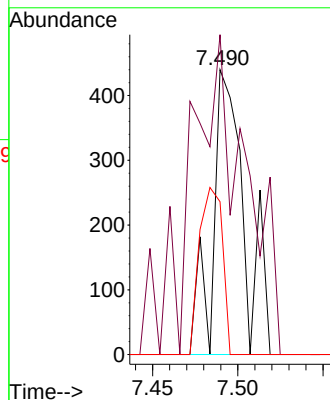
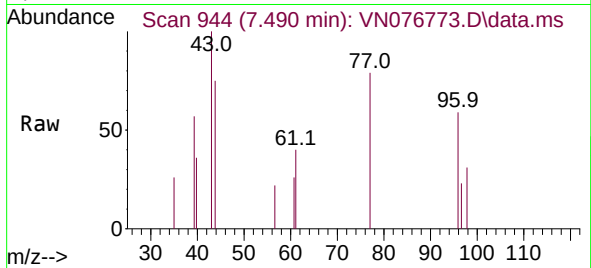




#27
 cis-1,2-Dichloroethene
 Concen: 0.175 ug/l
 RT: 7.490 min Scan# 945
 Delta R.T. -0.005 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

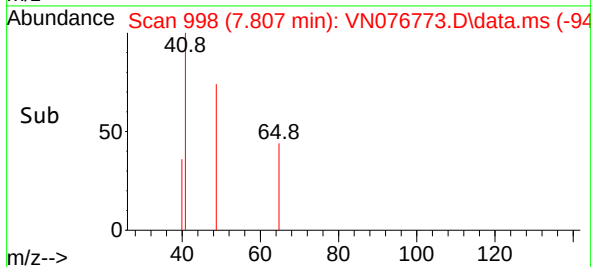
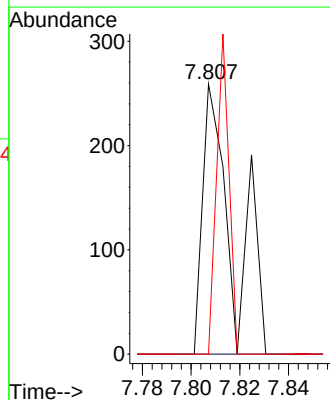
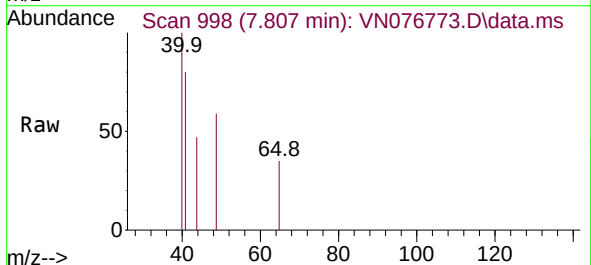
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

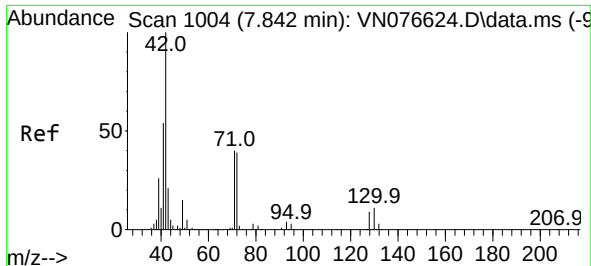
Tgt Ion: 96	Resp:	561
Ion	Ratio	Lower Upper
96	100	
61	81.6	0.0 286.8
98	43.3	0.0 124.0



#28
 Bromochloromethane
 Concen: 0.087 ug/l
 RT: 7.807 min Scan# 998
 Delta R.T. -0.012 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

Tgt Ion: 49	Resp:	222
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.0
130	48.6	57.8 86.8





#29

Tetrahydrofuran

Concen: 1.041 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

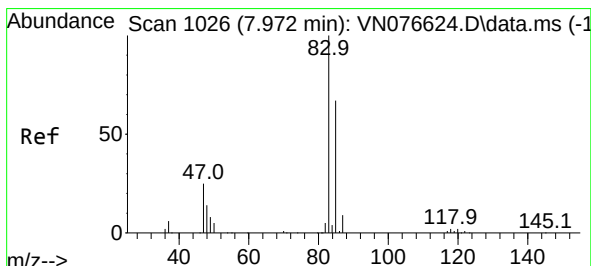
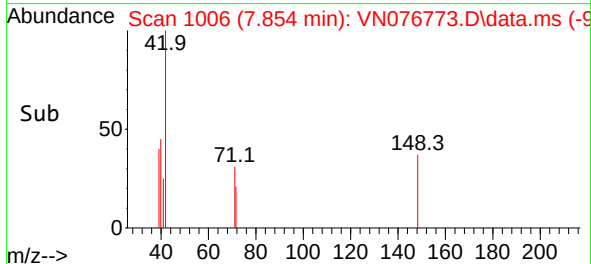
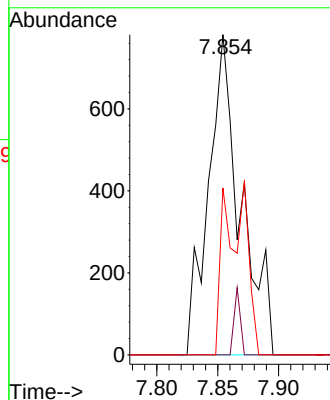
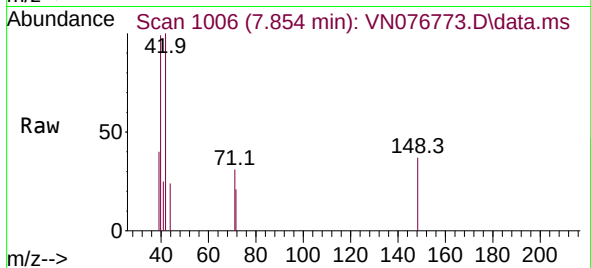
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:	42	Resp:	1438
Ion Ratio	Lower	Upper	
42	100		
72	4.0	31.5	47.3#
71	36.6	29.8	44.8



#30

Chloroform

Concen: 0.226 ug/l

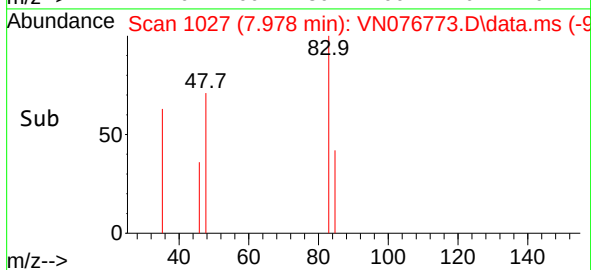
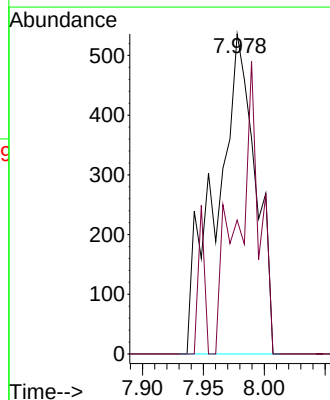
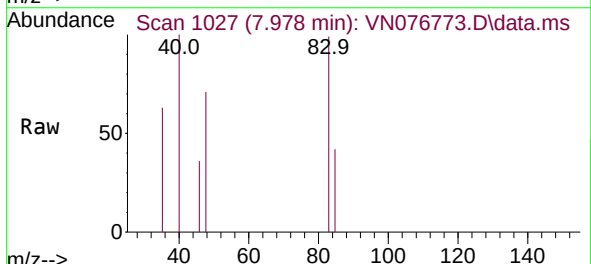
RT: 7.978 min Scan# 1027

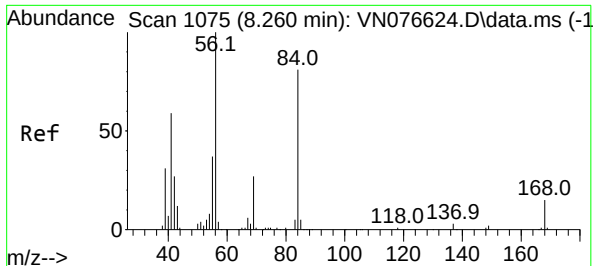
Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Tgt Ion:	83	Resp:	1205
Ion Ratio	Lower	Upper	
83	100		
85	41.8	53.5	80.3#





#31

Cyclohexane

Concen: 1.541 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

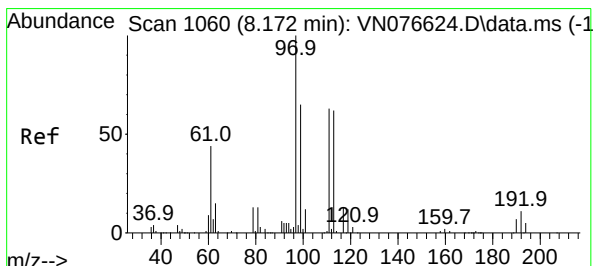
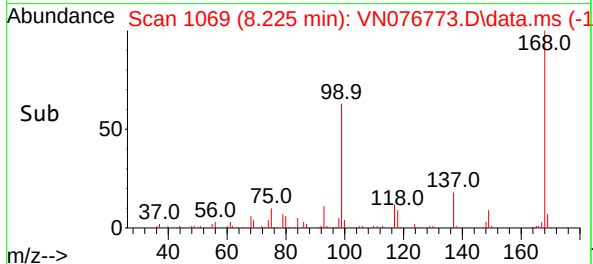
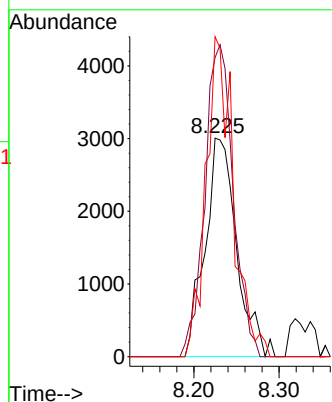
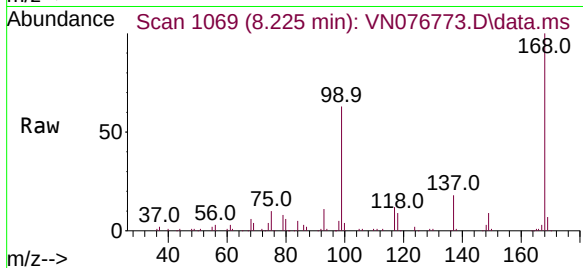
Tgt Ion: 56 Resp: 7760

Ion Ratio Lower Upper

56 100

69 137.0 21.6 32.4#

84 146.4 65.1 97.7#



#32

1,1,1-Trichloroethane

Concen: 0.187 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

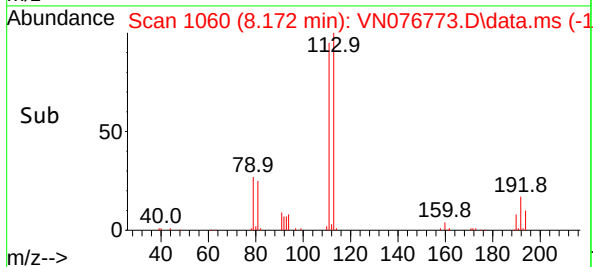
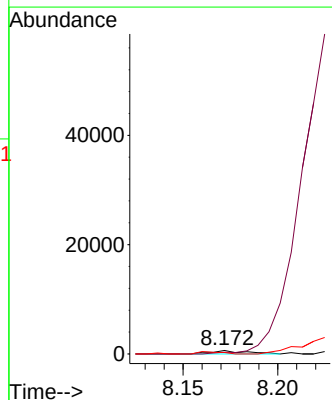
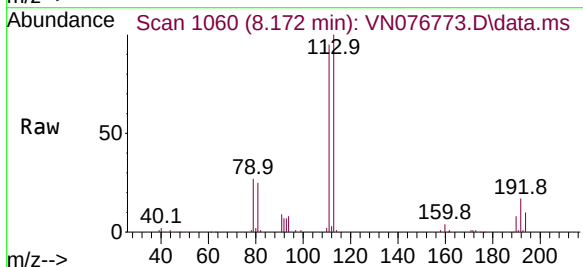
Tgt Ion: 97 Resp: 840

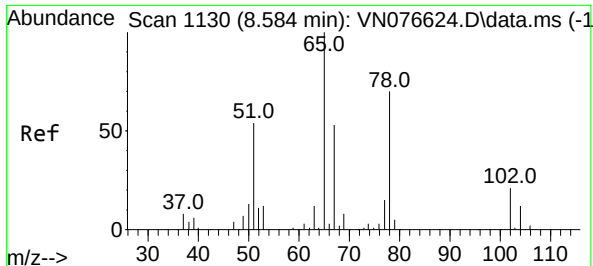
Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

61 41.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 50.765 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

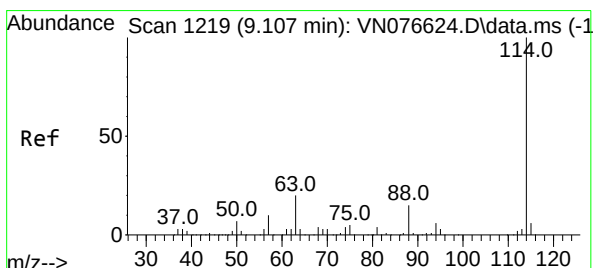
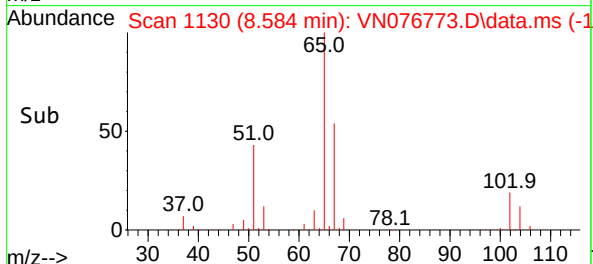
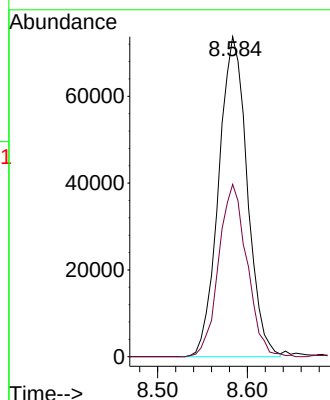
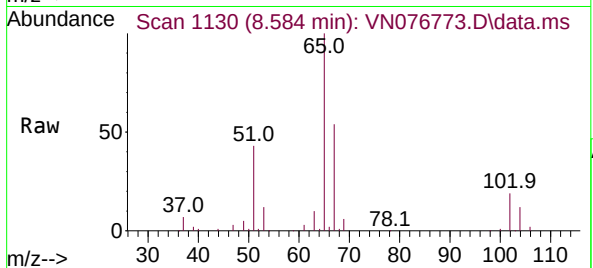
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 162940

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

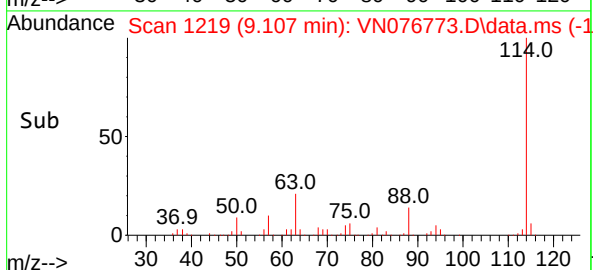
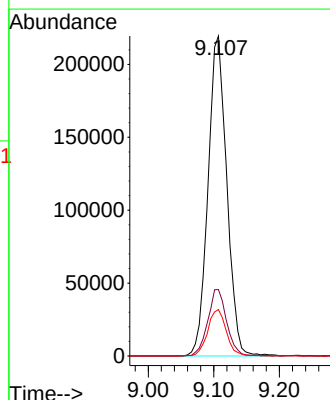
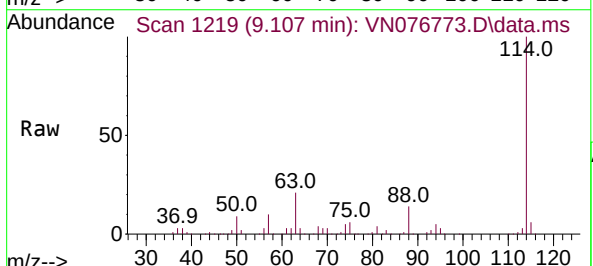
Tgt Ion: 114 Resp: 437204

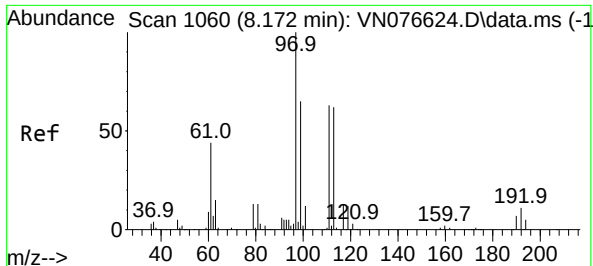
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 14.5 0.0 29.6

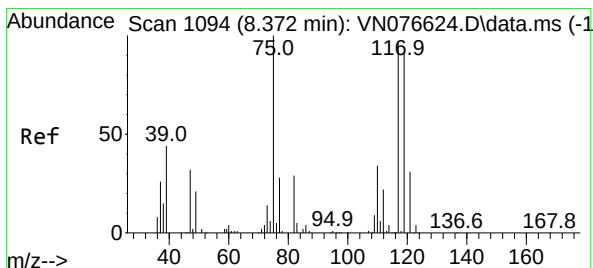
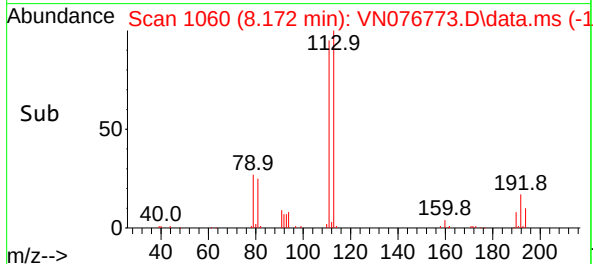
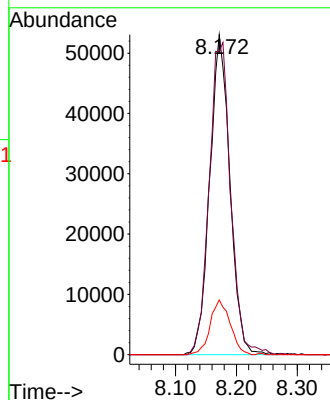
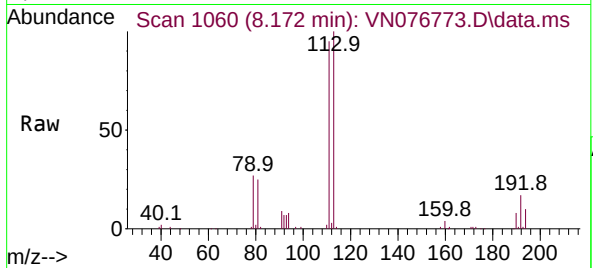




#35
Dibromofluoromethane
Concen: 42.774 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

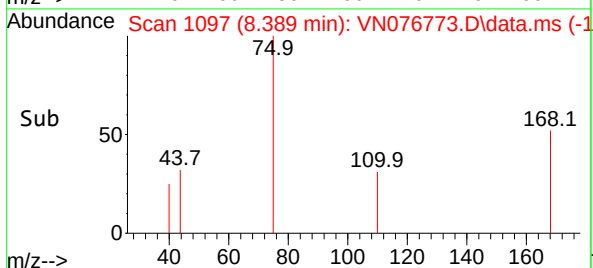
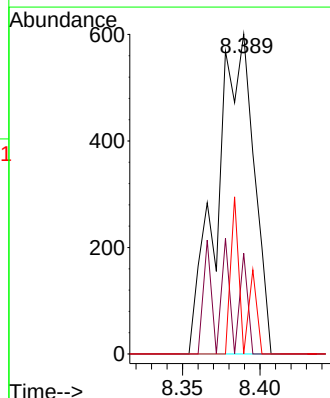
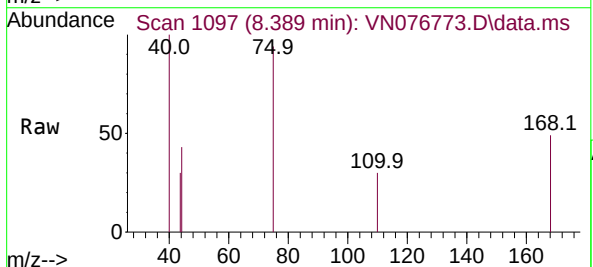
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023

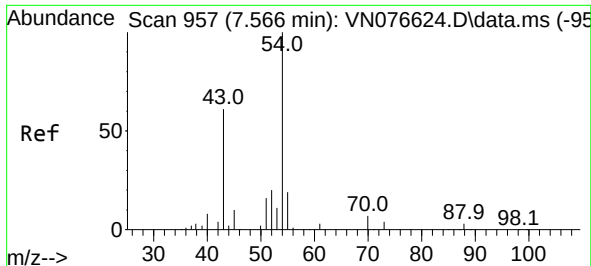
Tgt Ion:113 Resp: 122470
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 0.241 ug/l
RT: 8.389 min Scan# 1097
Delta R.T. 0.017 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 16.1 24.5 36.7#

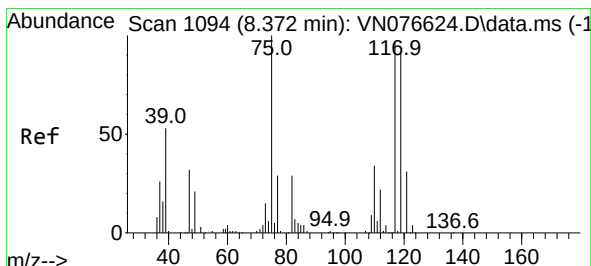
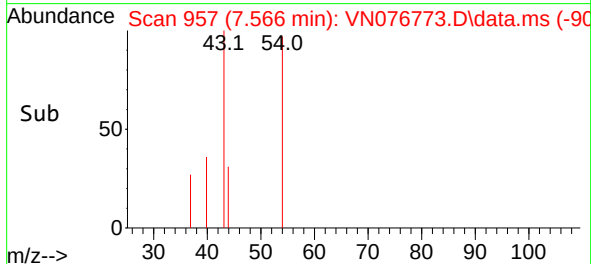
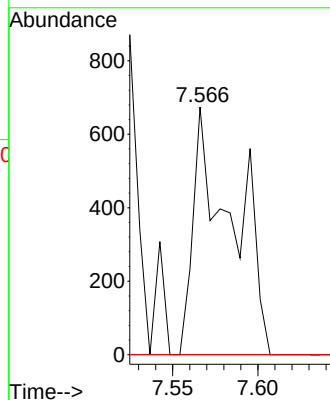
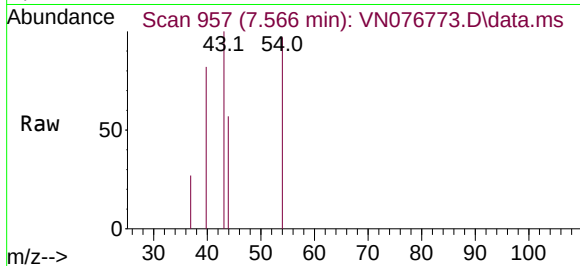




#37
Ethyl Acetate
Concen: 0.246 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

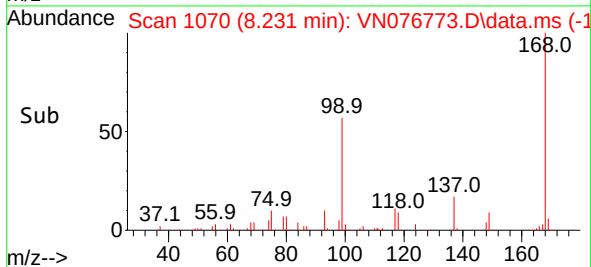
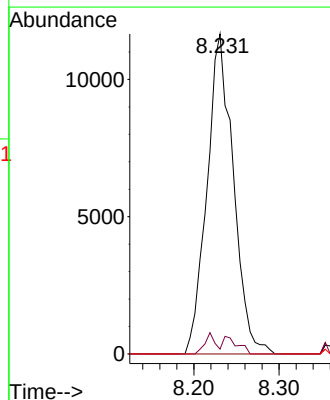
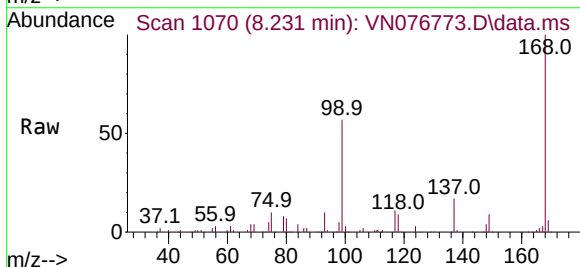
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

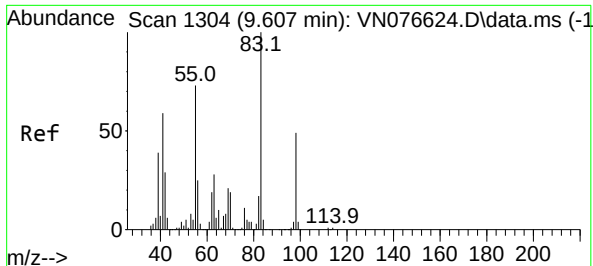
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 117 Resp: 25024
Ion Ratio Lower Upper
117 100
119 1.5 75.4 113.0#
121 0.0 26.0 39.0#





#39

Methylcyclohexane

Concen: 0.152 ug/l

RT: 9.613 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

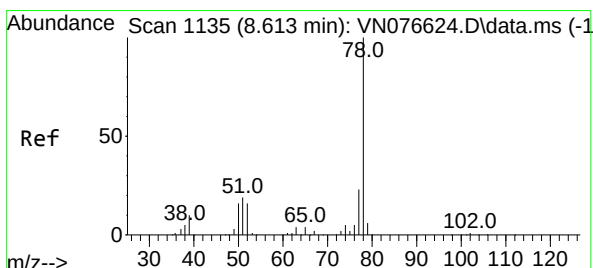
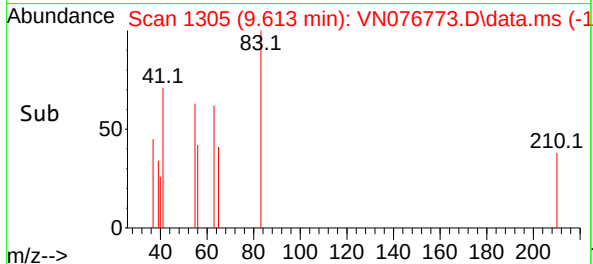
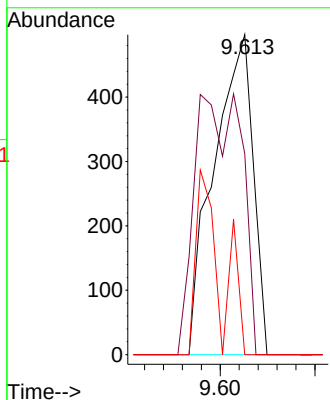
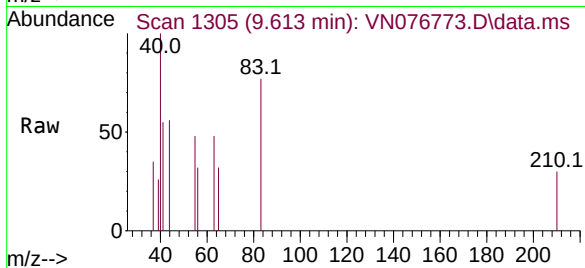
Tgt Ion: 83 Resp: 714

Ion Ratio Lower Upper

83 100

55 62.8 58.6 88.0

98 0.0 39.4 59.2#



#40

Benzene

Concen: 0.169 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN076773.D

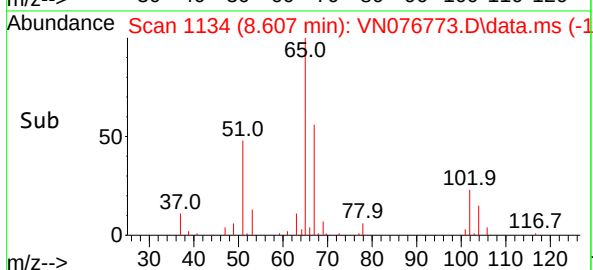
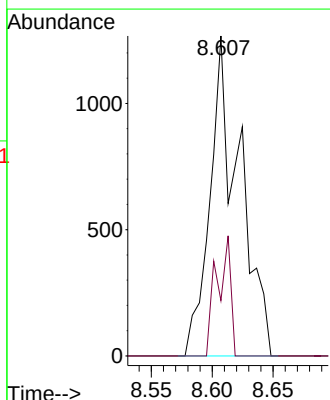
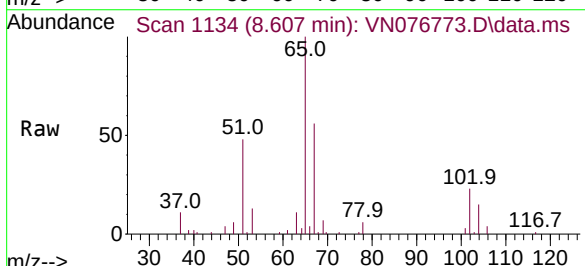
Acq: 22 Feb 2023 16:05

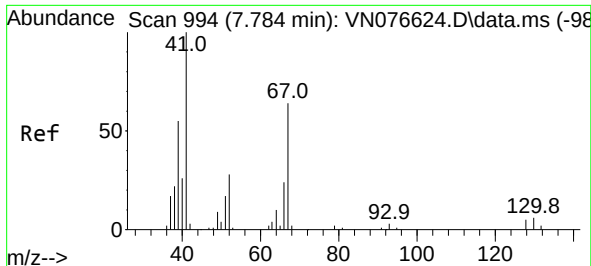
Tgt Ion: 78 Resp: 2146

Ion Ratio Lower Upper

78 100

77 17.3 18.2 27.4#

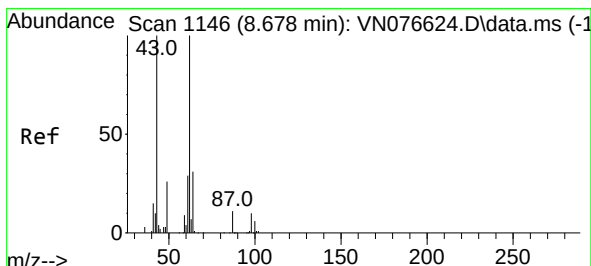
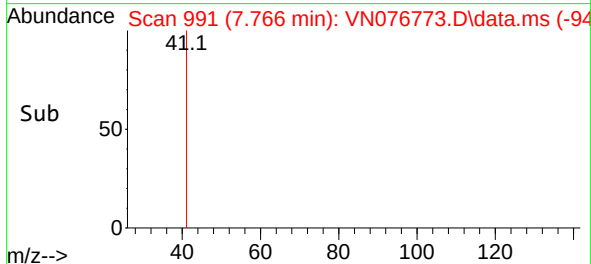
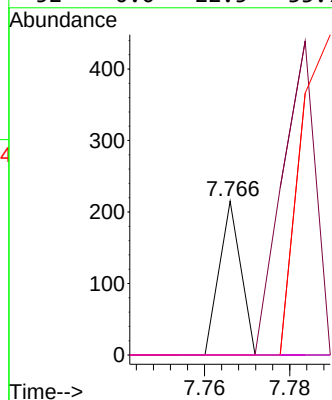
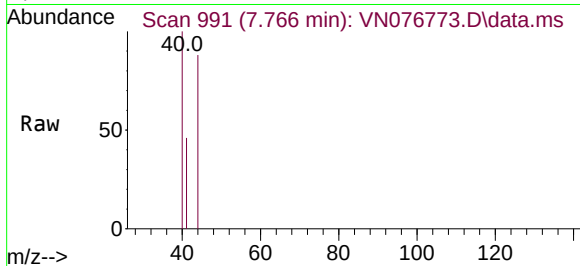




#41
Methacrylonitrile
Concen: 0.030 ug/l
RT: 7.766 min Scan# 991
Delta R.T. -0.018 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

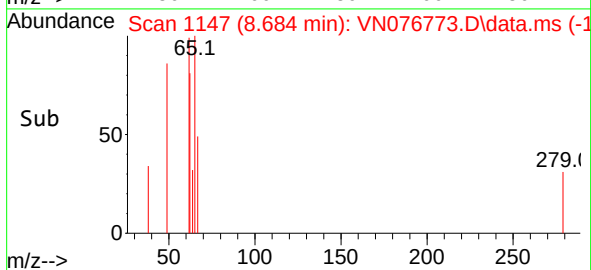
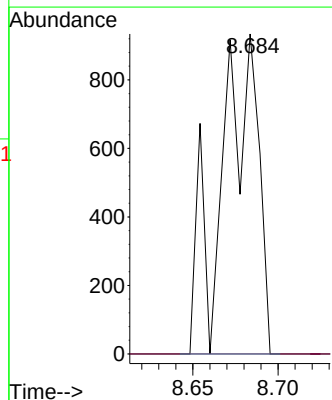
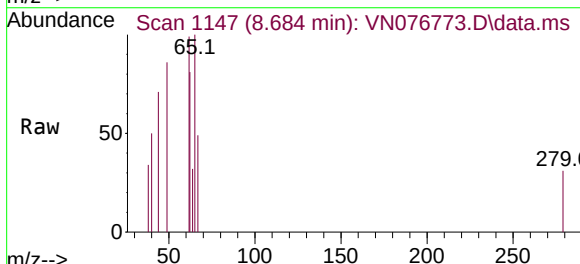
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023

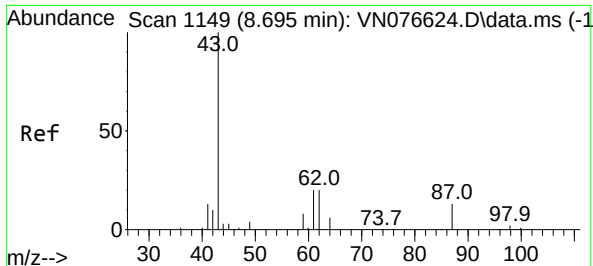
Tgt Ion:	41	Resp:	76
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	63.8#
67	0.0	51.4	77.0#
52	0.0	22.5	33.7#



#42
1,2-Dichloroethane
Concen: 0.321 ug/l
RT: 8.684 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:	62	Resp:	1423
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 0.208 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

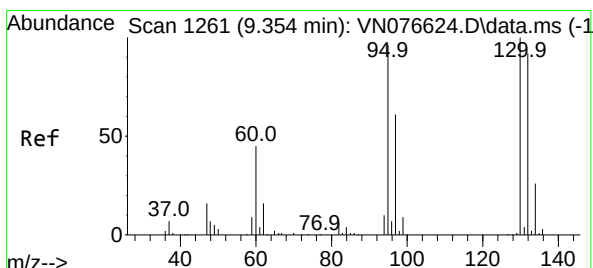
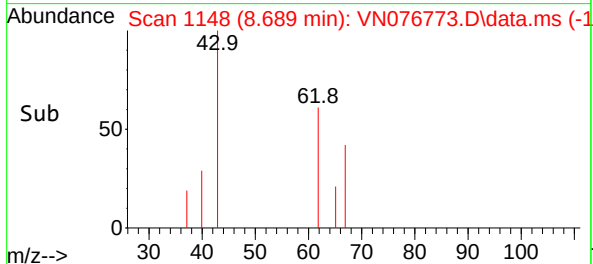
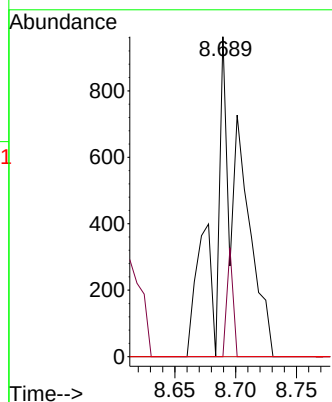
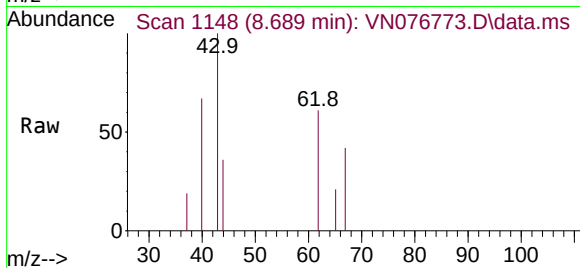
Tgt Ion: 43 Resp: 1474

Ion Ratio Lower Upper

43 100

61 0.0 20.0 30.0#

87 0.0 9.9 14.9#



#44

Trichloroethene

Concen: 0.061 ug/l

RT: 9.342 min Scan# 1259

Delta R.T. -0.012 min

Lab File: VN076773.D

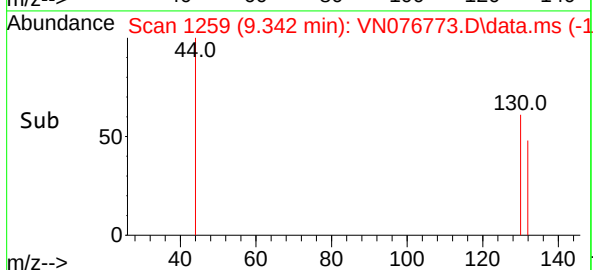
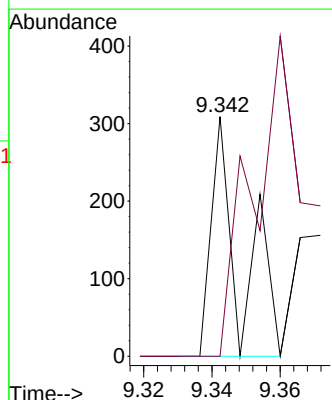
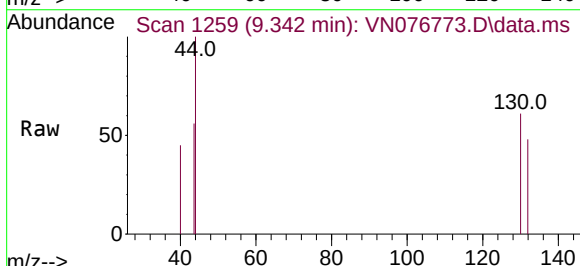
Acq: 22 Feb 2023 16:05

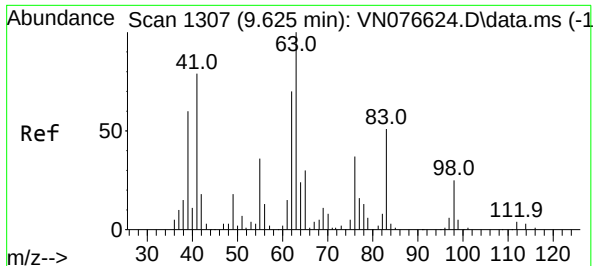
Tgt Ion:130 Resp: 183

Ion Ratio Lower Upper

130 100

95 0.0 0.0 191.4





#45

1,2-Dichloropropane

Concen: 0.153 ug/l

RT: 9.619 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

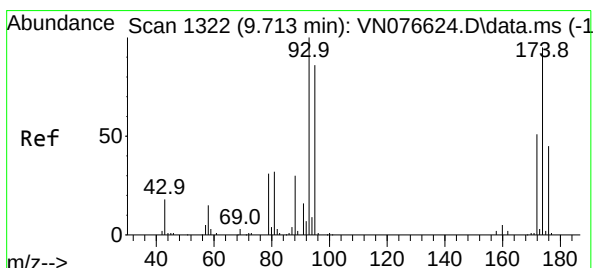
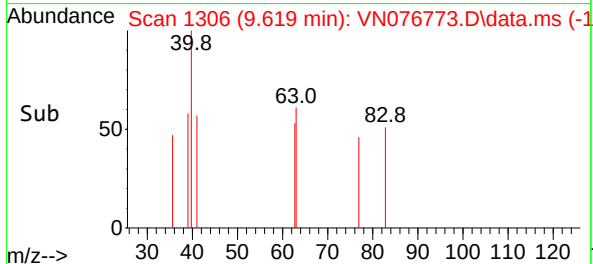
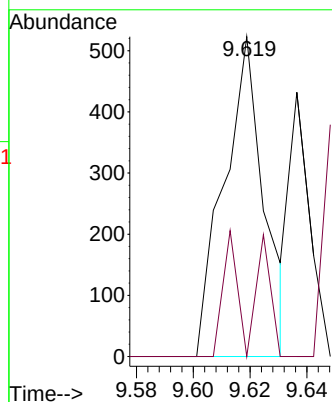
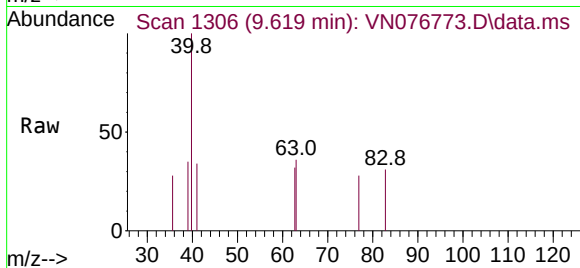
MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 515

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#46

Dibromomethane

Concen: 0.099 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

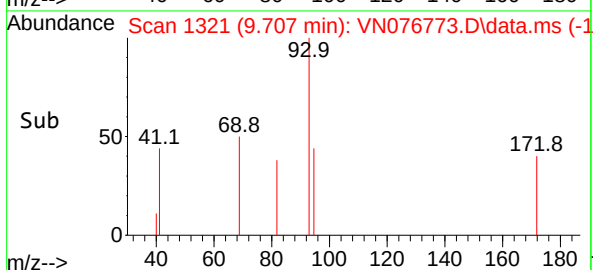
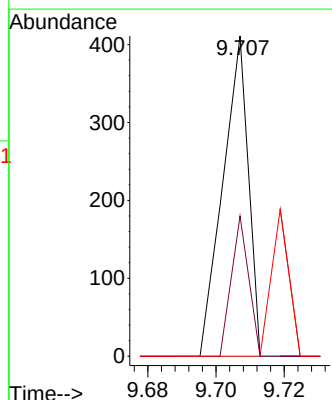
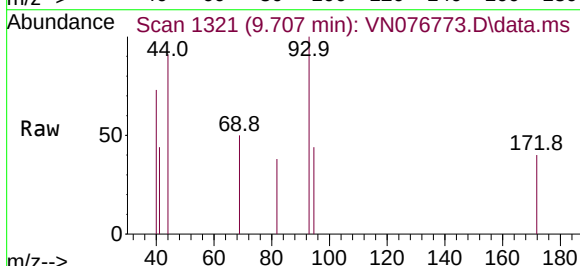
Tgt Ion: 93 Resp: 213

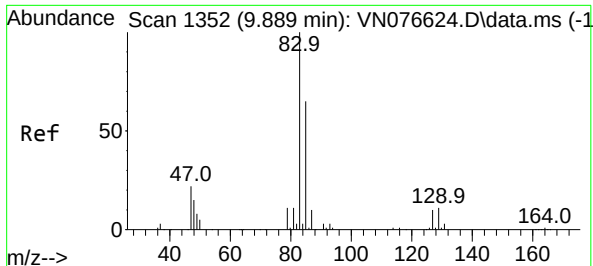
Ion Ratio Lower Upper

93 100

95 29.6 66.0 99.0#

174 31.5 75.8 113.8#

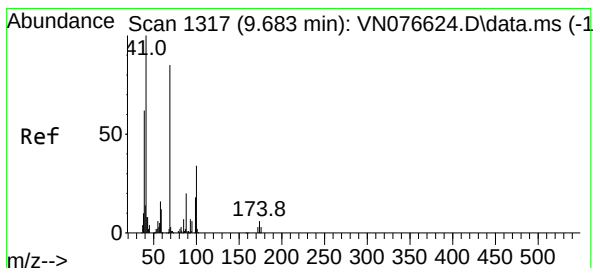
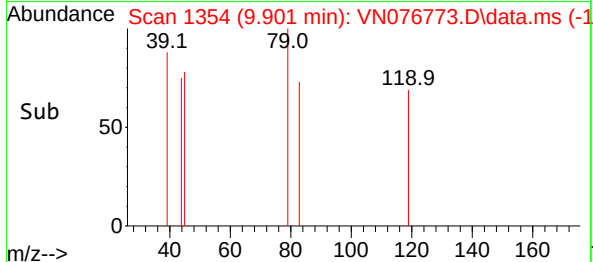
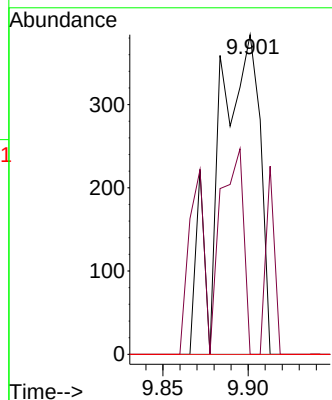
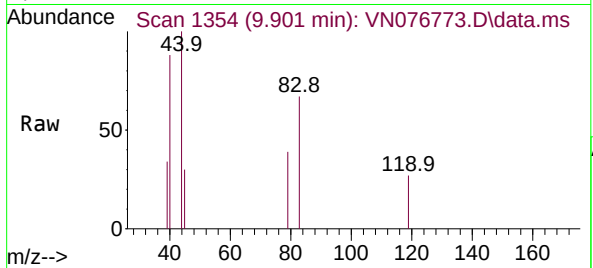




#47
Bromodichloromethane
Concen: 0.151 ug/l
RT: 9.901 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

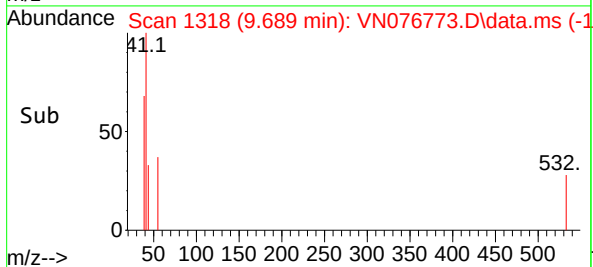
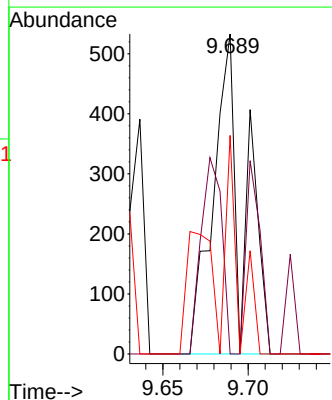
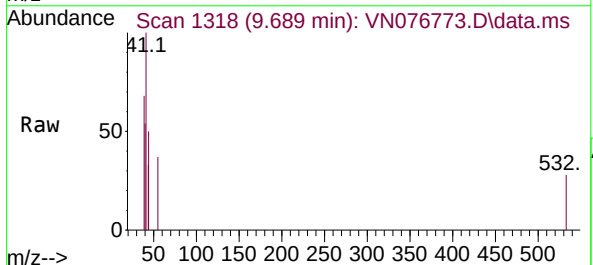
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

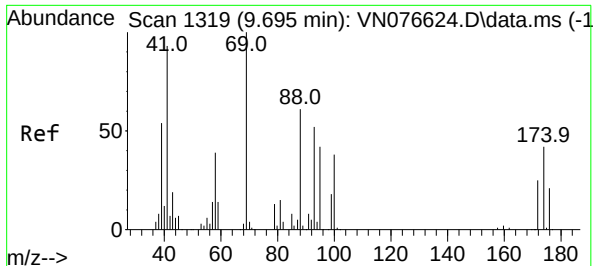
Tgt Ion: 83 Resp: 650
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#
127 0.0 7.9 11.9#



#48
Methyl methacrylate
Concen: 0.196 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 41 Resp: 659
Ion Ratio Lower Upper
41 100
69 28.2 65.4 98.0#
39 28.7 49.3 73.9#





#49

1,4-Dioxane

Concen: 1.978 ug/l

RT: 9.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

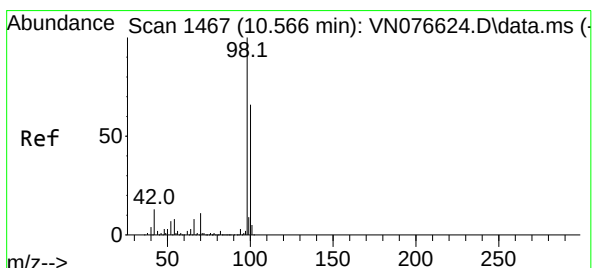
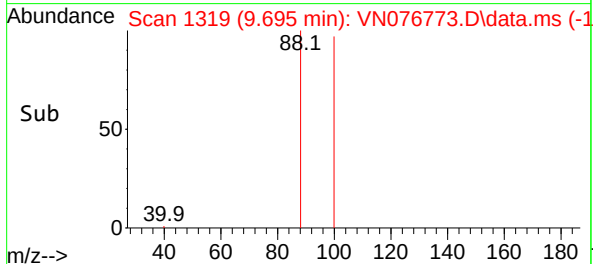
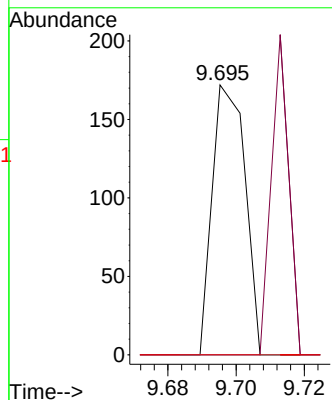
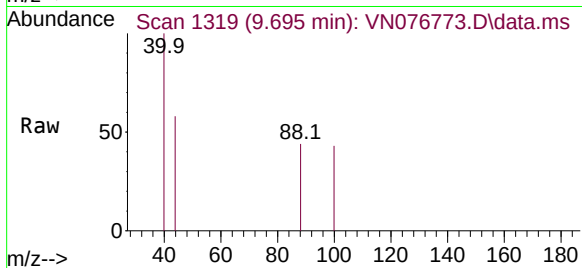
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 62.6 22.6 33.8#

58 0.0 57.6 86.4#



#50

Toluene-d8

Concen: 43.358 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076773.D

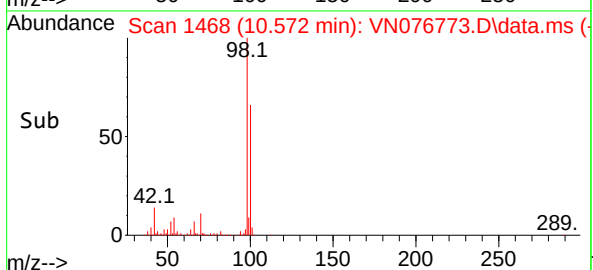
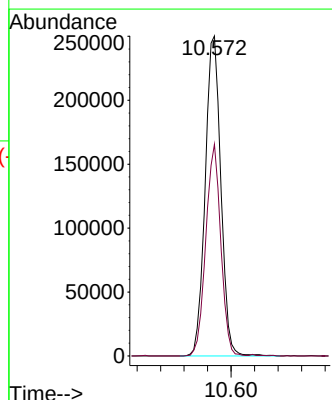
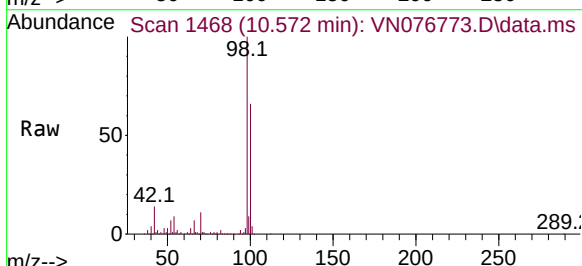
Acq: 22 Feb 2023 16:05

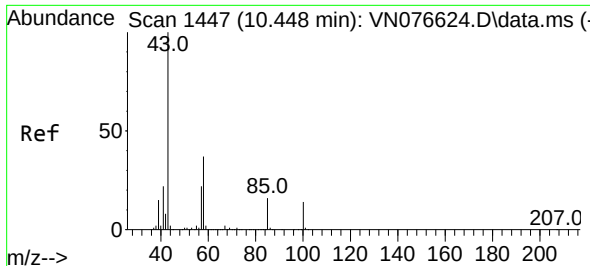
Tgt Ion: 98 Resp: 463608

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.860 ug/l

RT: 10.442 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

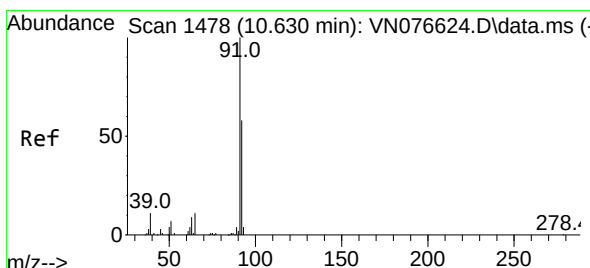
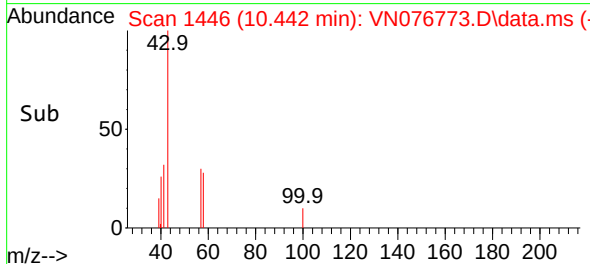
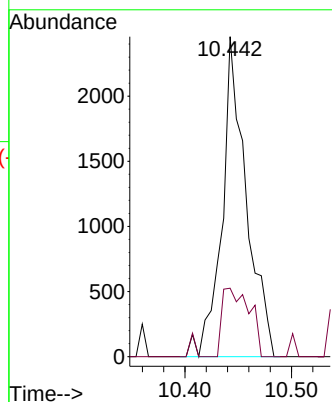
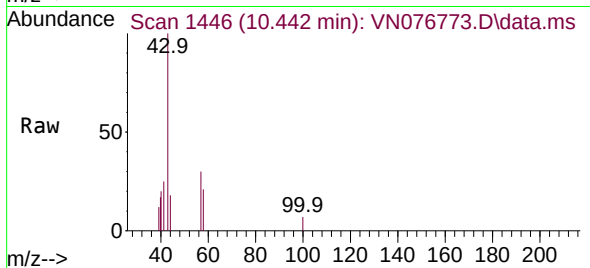
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

43 100

58 24.3 29.5 44.3#



#52

Toluene

Concen: 0.231 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN076773.D

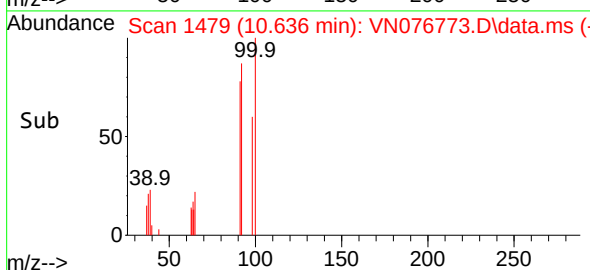
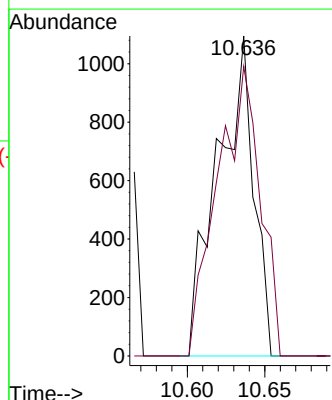
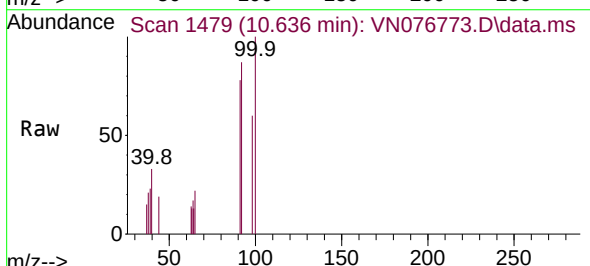
Acq: 22 Feb 2023 16:05

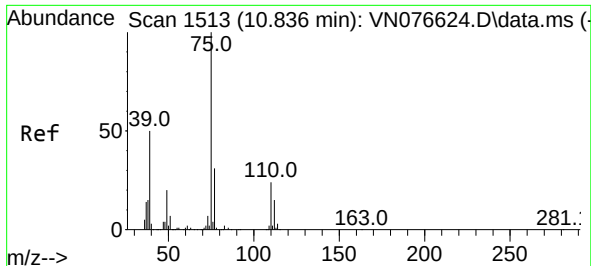
Tgt Ion: 92 Resp: 1770

Ion Ratio Lower Upper

92 100

91 106.9 138.0 207.0#

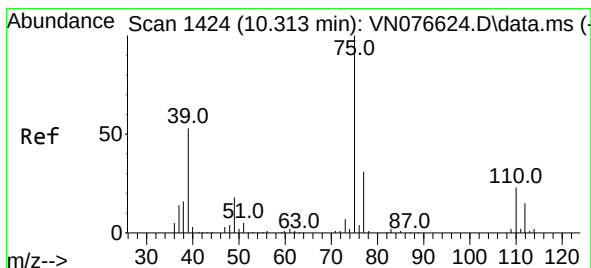
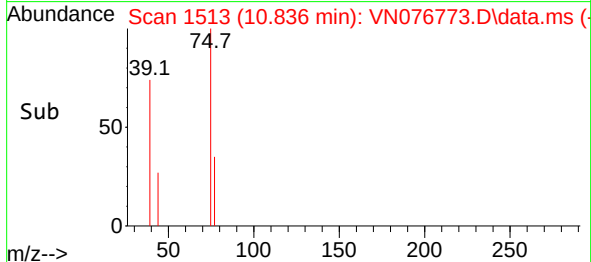
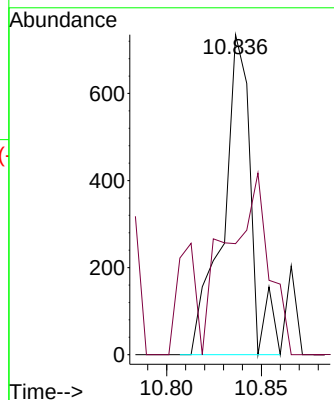
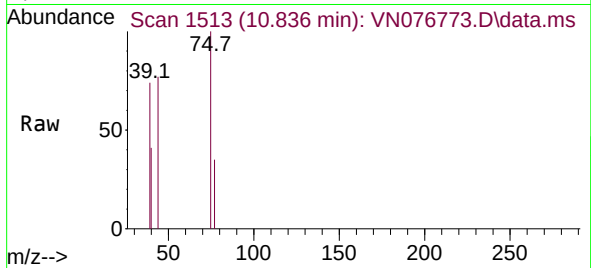




#53
t-1,3-Dichloropropene
Concen: 0.182 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

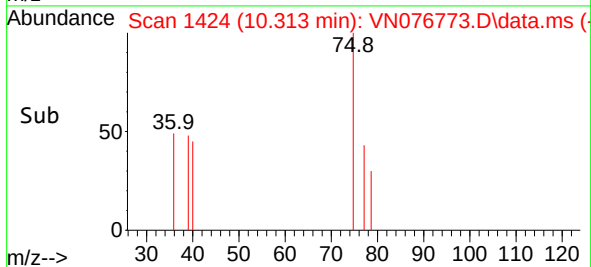
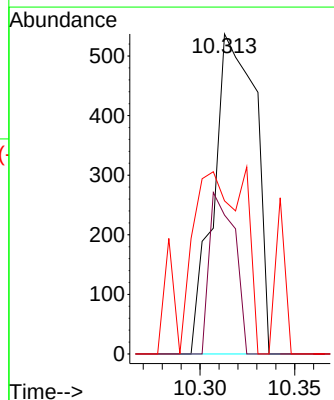
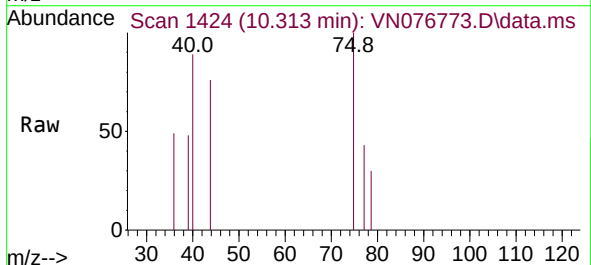
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

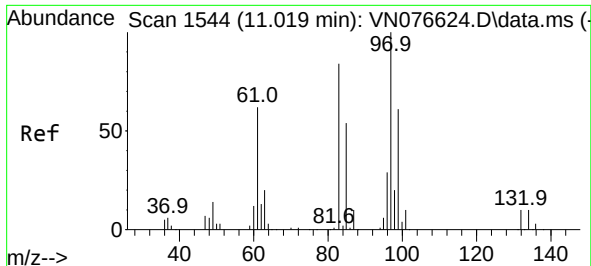
Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
77 12.7 24.6 37.0#



#54
cis-1,3-Dichloropropene
Concen: 0.172 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
77 43.4 25.1 37.7#
39 47.9 42.3 63.5

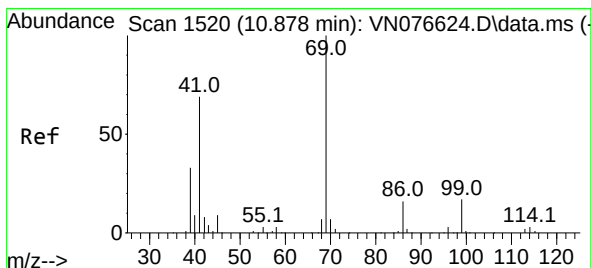
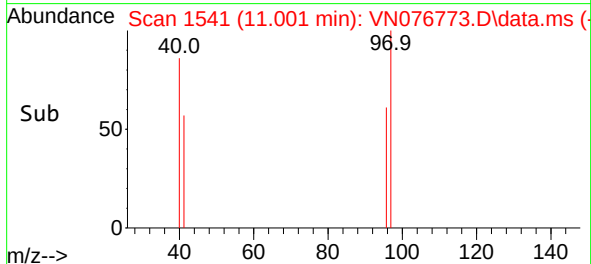
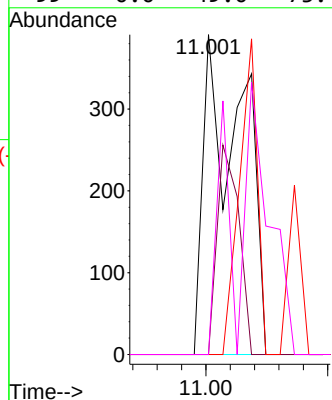
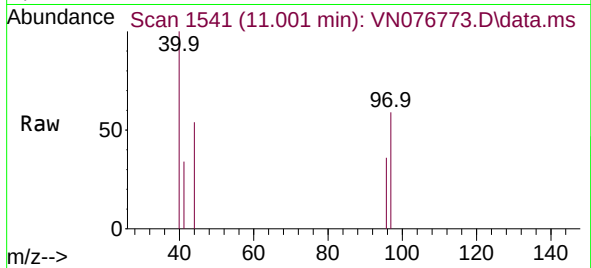




#55
1,1,2-Trichloroethane
Concen: 0.137 ug/l
RT: 11.001 min Scan# 1544
Delta R.T. -0.018 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

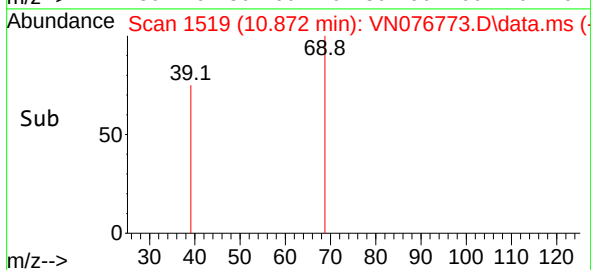
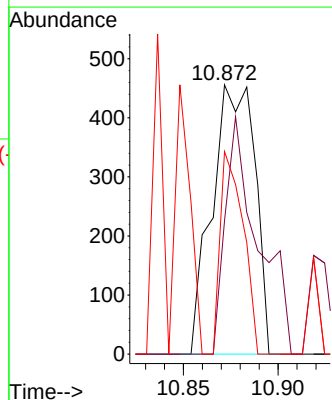
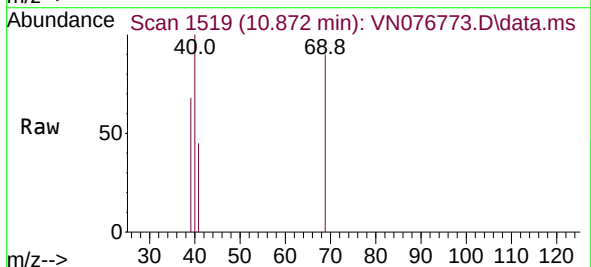
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

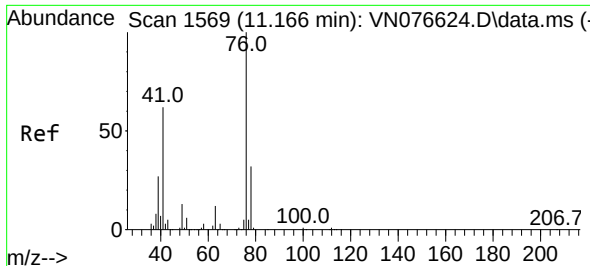
Tgt Ion:	97	Resp:	428
Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.3	100.9#
85	0.0	43.2	64.8#
99	0.0	49.0	73.4#



#56
Ethyl methacrylate
Concen: 0.164 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:	69	Resp:	719
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.1	82.7
39	40.2	30.7	46.1





#57

1,3-Dichloropropane

Concen: 0.165 ug/l

RT: 11.160 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076773.D

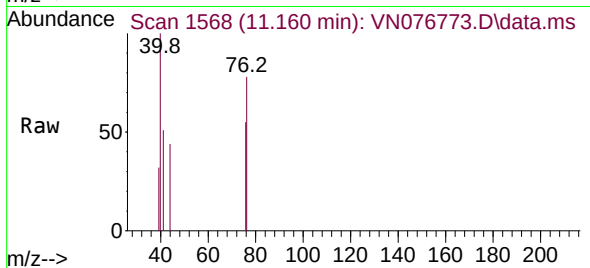
Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

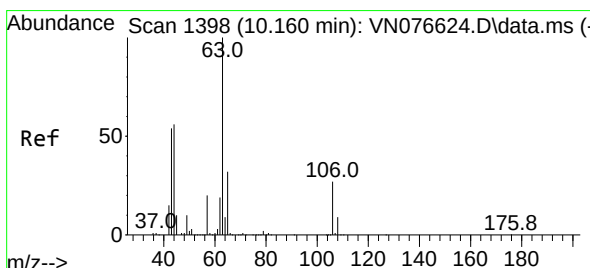
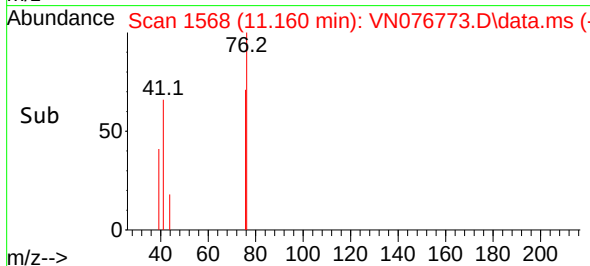
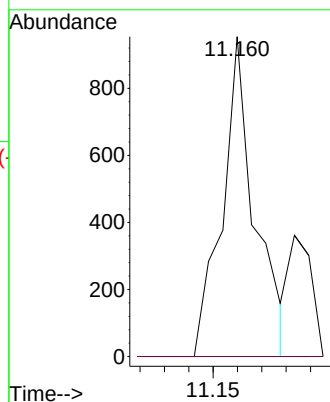


Tgt Ion: 76 Resp: 884

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.386 ug/l

RT: 10.154 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VN076773.D

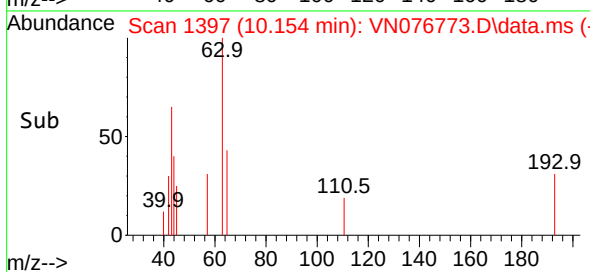
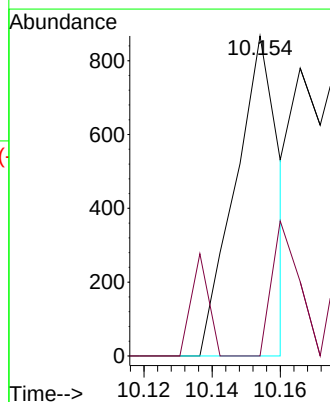
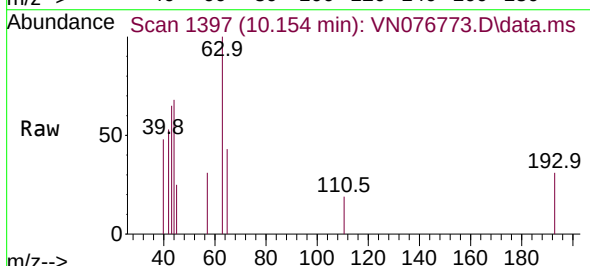
Acq: 22 Feb 2023 16:05

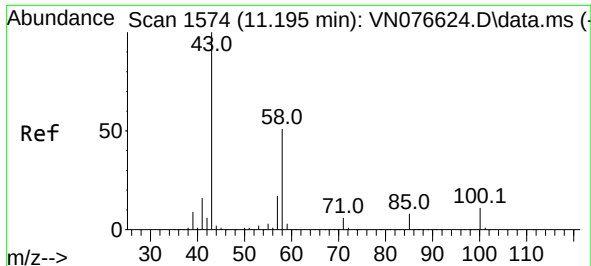
Tgt Ion: 63 Resp: 776

Ion Ratio Lower Upper

63 100

106 25.8 22.3 33.5

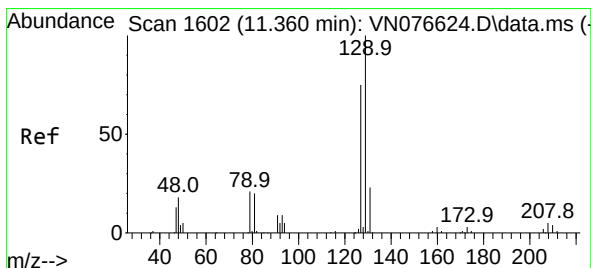
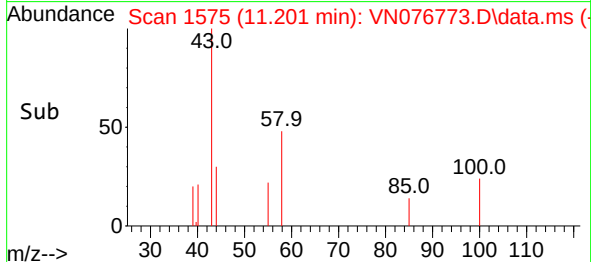
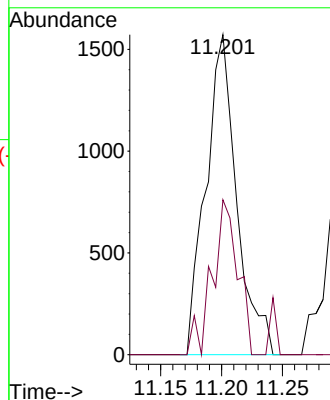
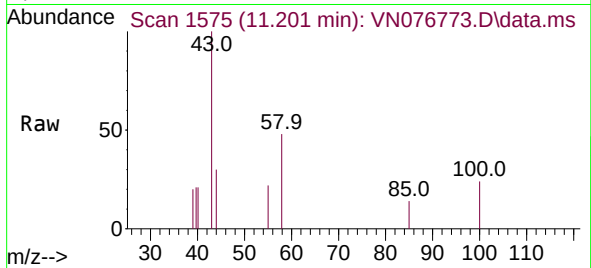




#59
2-Hexanone
Concen: 0.854 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

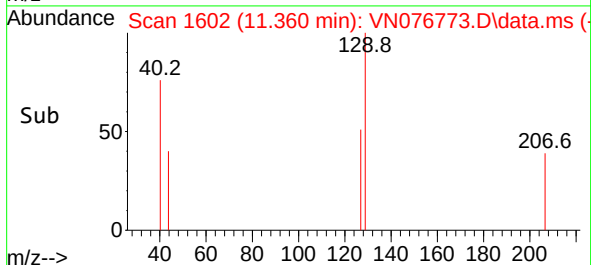
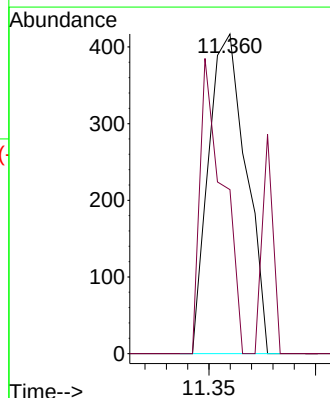
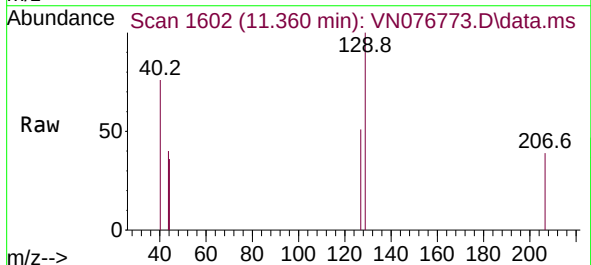
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

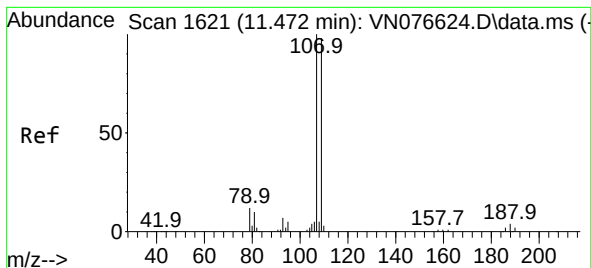
Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
58 39.9 25.4 76.0



#60
Dibromochloromethane
Concen: 0.156 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:129 Resp: 512
Ion Ratio Lower Upper
129 100
127 56.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.181 ug/l

RT: 11.472 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

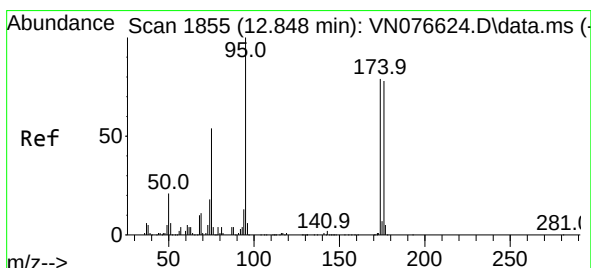
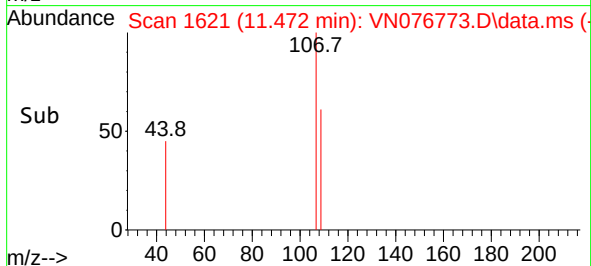
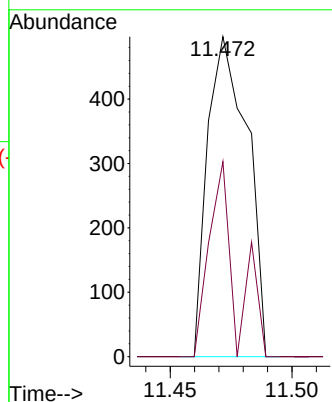
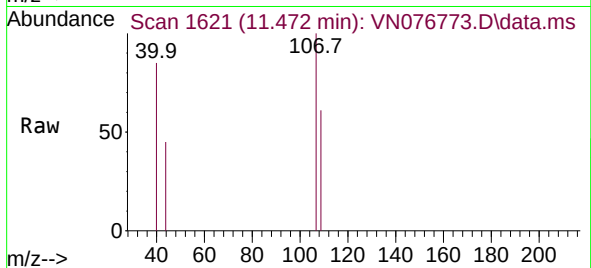
MDL-WATER-03-QT1-2023

Tgt Ion:107 Resp: 564

Ion Ratio Lower Upper

107 100

109 41.1 76.8 115.2#



#62

4-Bromofluorobenzene

Concen: 36.560 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

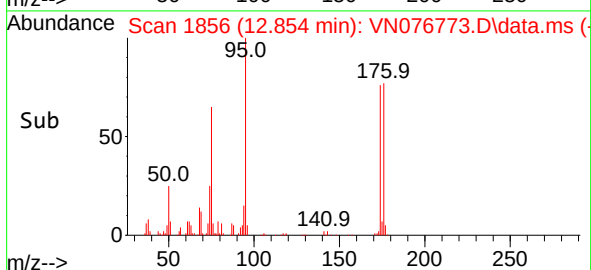
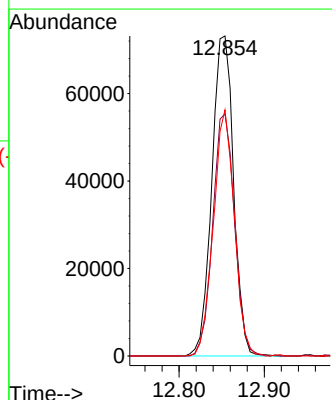
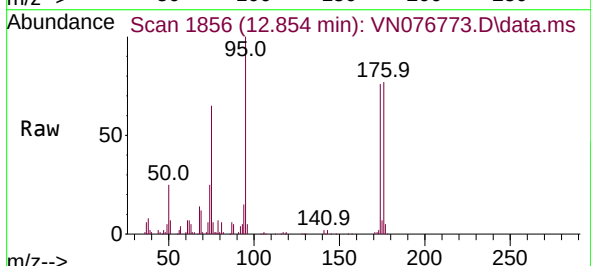
Tgt Ion: 95 Resp: 129474

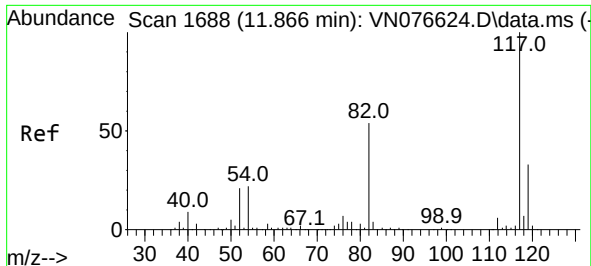
Ion Ratio Lower Upper

95 100

174 75.9 0.0 169.2

176 74.4 0.0 163.4

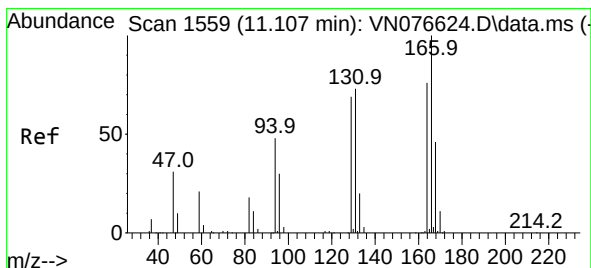
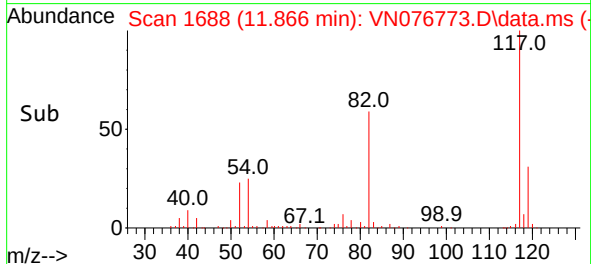
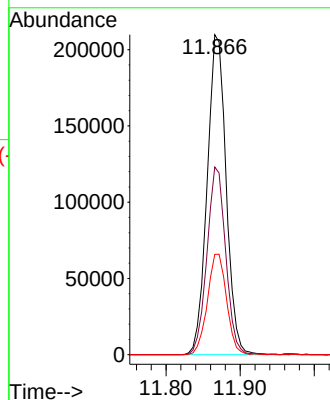
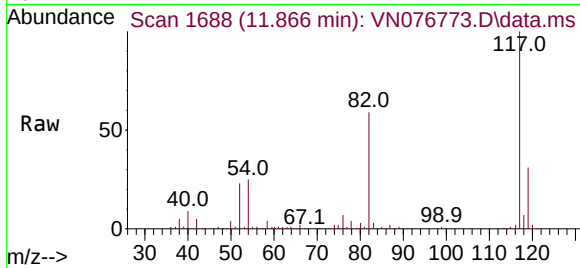




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

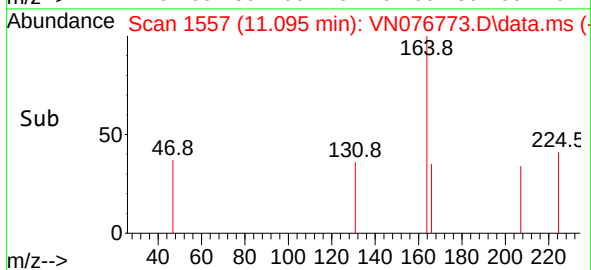
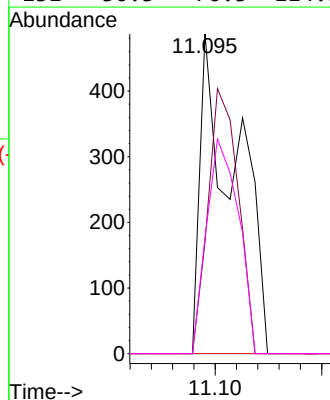
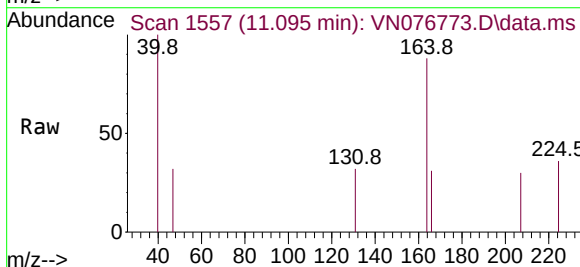
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

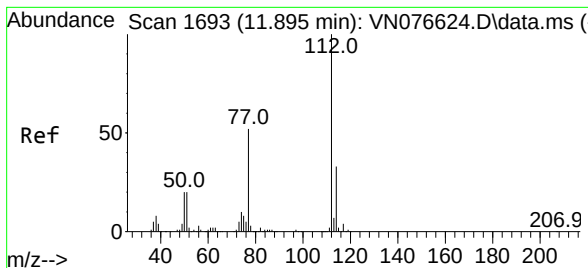
Tgt Ion:117 Resp: 373279
Ion Ratio Lower Upper
117 100
82 58.7 43.4 65.2
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 0.239 ug/l
RT: 11.095 min Scan# 1557
Delta R.T. -0.012 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:164 Resp: 563
Ion Ratio Lower Upper
164 100
166 34.9 104.8 157.2#
129 0.0 72.2 108.2#
131 36.3 76.3 114.5#





#65

Chlorobenzene

Concen: 0.168 ug/l

RT: 11.901 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

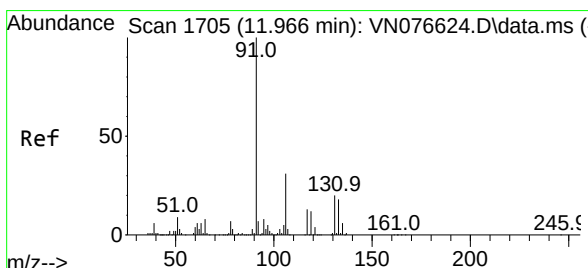
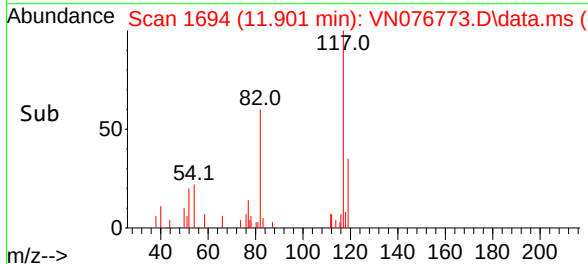
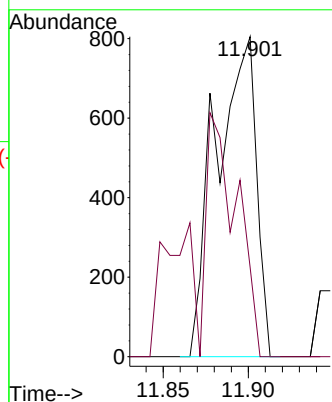
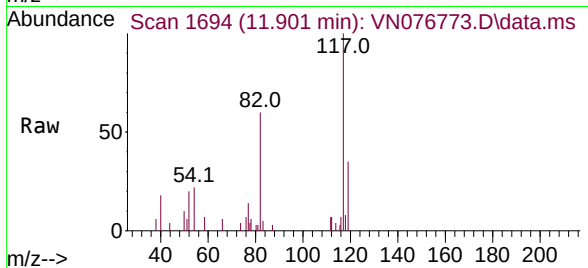
MDL-WATER-03-QT1-2023

Tgt Ion:112 Resp: 1326

Ion Ratio Lower Upper

112 100

114 28.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 0.172 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

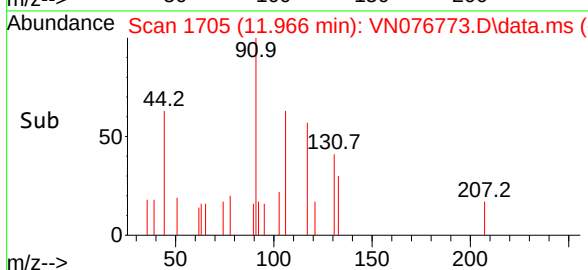
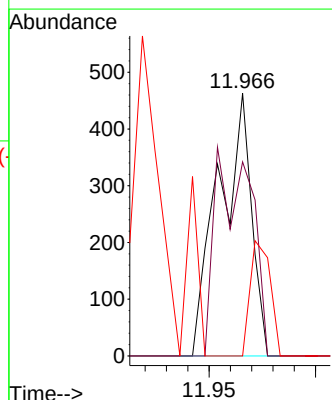
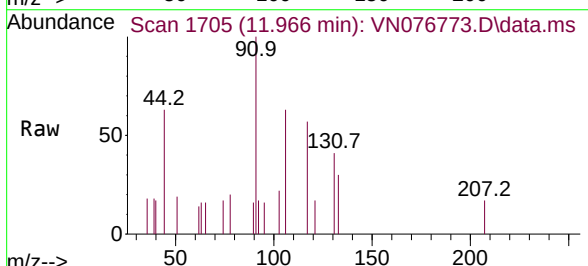
Tgt Ion:131 Resp: 495

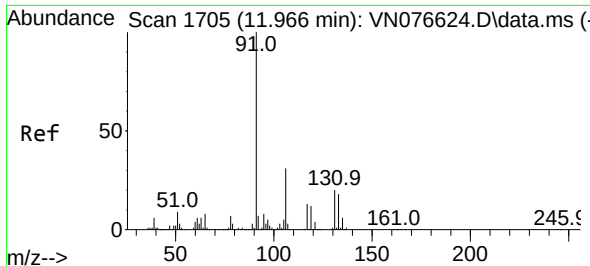
Ion Ratio Lower Upper

131 100

133 86.1 47.0 141.0

119 0.0 32.3 96.8#

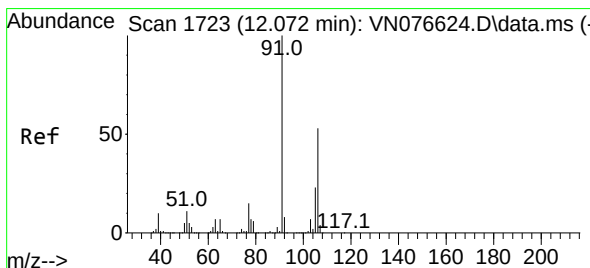
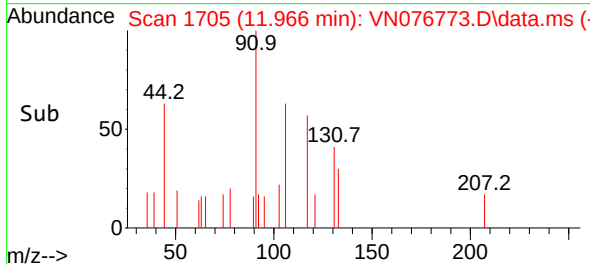
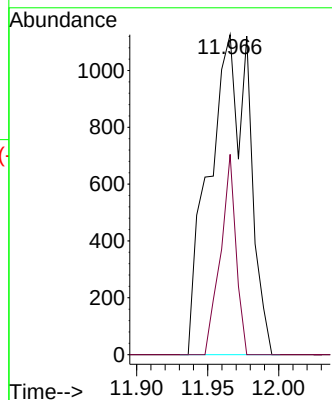
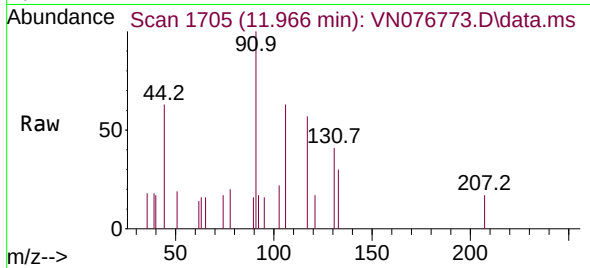




#67
Ethyl Benzene
Concen: 0.163 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

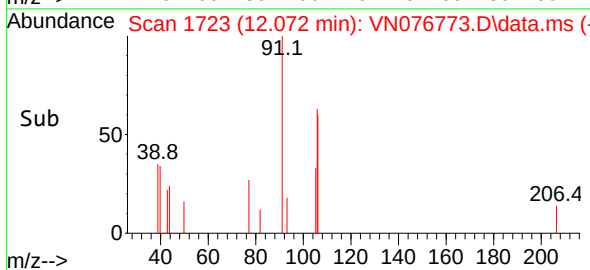
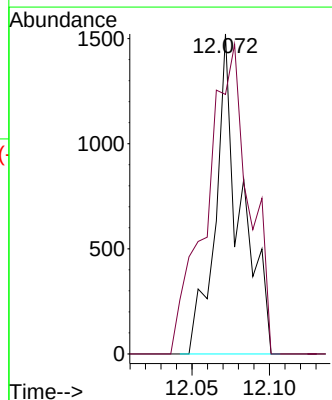
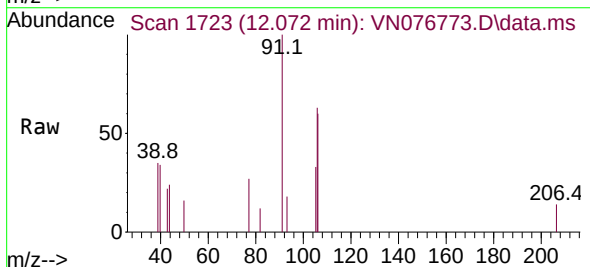
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

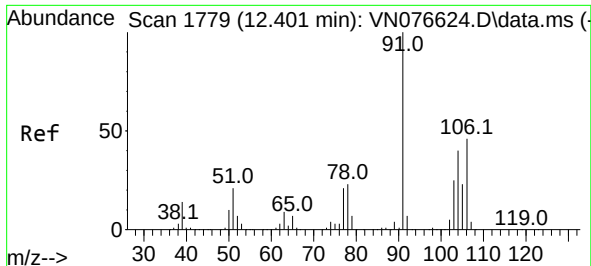
Tgt Ion: 91 Resp: 2201
Ion Ratio Lower Upper
91 100
106 62.6 25.1 37.7#



#68
m/p-Xylenes
Concen: 0.335 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 106 Resp: 1740
Ion Ratio Lower Upper
106 100
91 160.5 154.7 232.1





#69

o-Xylene

Concen: 0.142 ug/l

RT: 12.407 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

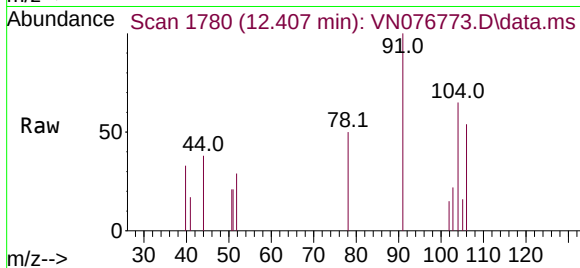
MDL-WATER-03-QT1-2023

Tgt Ion:106 Resp: 719

Ion Ratio Lower Upper

106 100

91 201.4 105.8 317.4



Abundance

1000

800

600

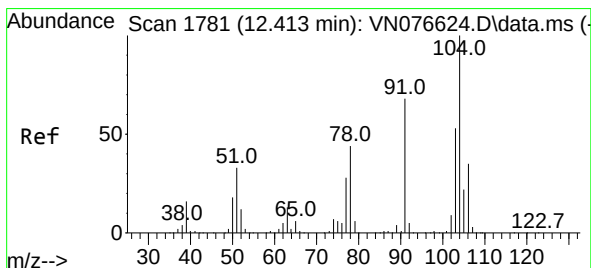
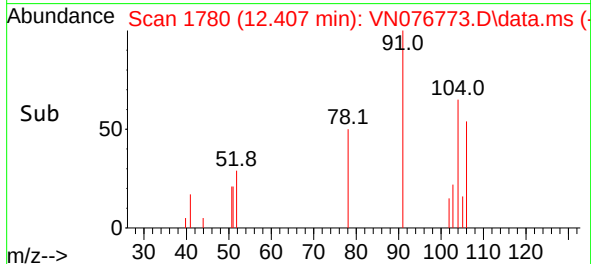
400

200

0

12.407

Time-->



#70

Styrene

Concen: 0.173 ug/l

RT: 12.419 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

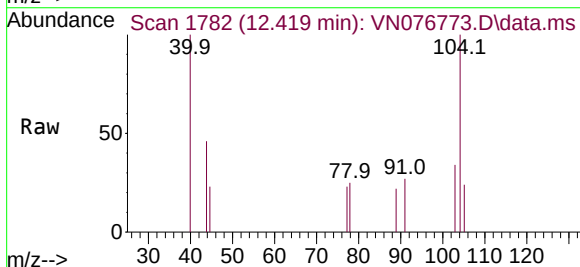
Tgt Ion:104 Resp: 1416

Ion Ratio Lower Upper

104 100

78 50.1 38.2 57.4

103 32.6 44.2 66.4#



Abundance

600

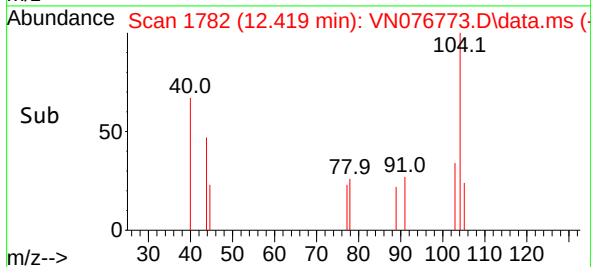
400

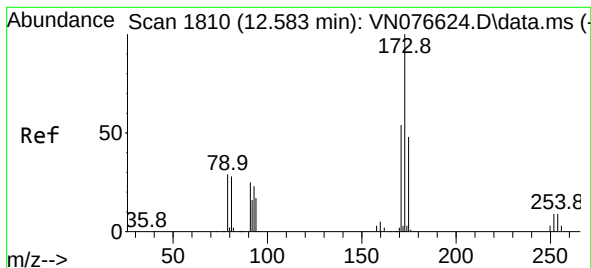
200

0

12.419

Time-->





#71

Bromoform

Concen: 0.080 ug/l

RT: 12.589 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VN076773.D

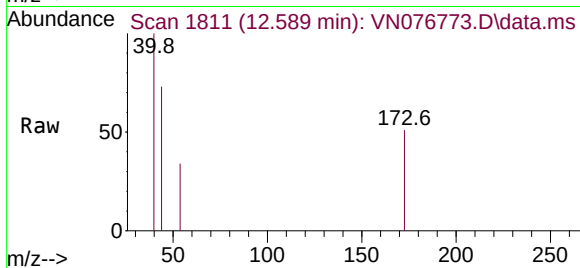
Acq: 22 Feb 2023 16:05

Instrument :

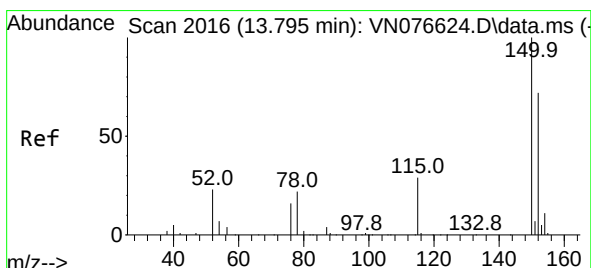
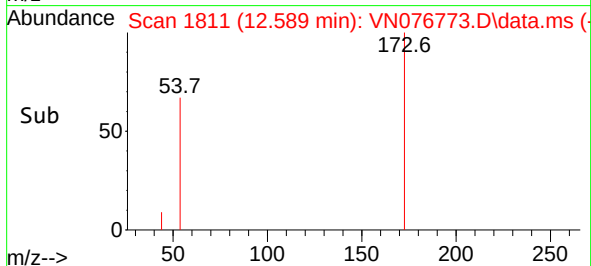
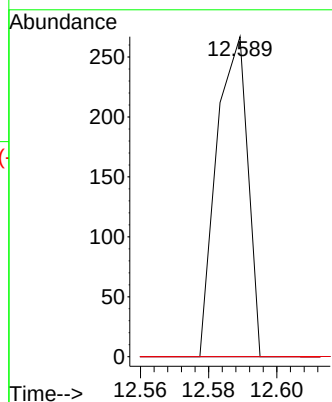
MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:	173	Resp:	169
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

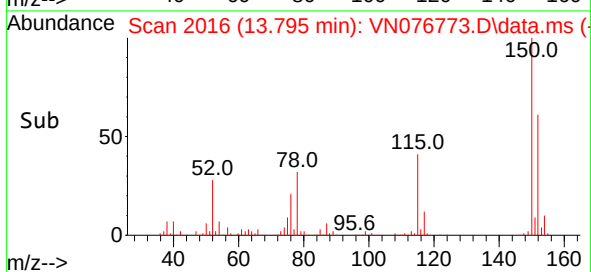
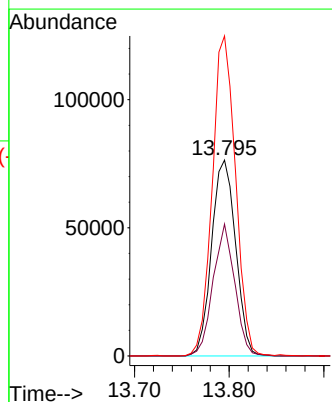
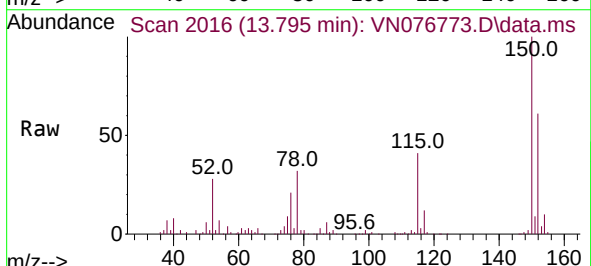
RT: 13.795 min Scan# 2016

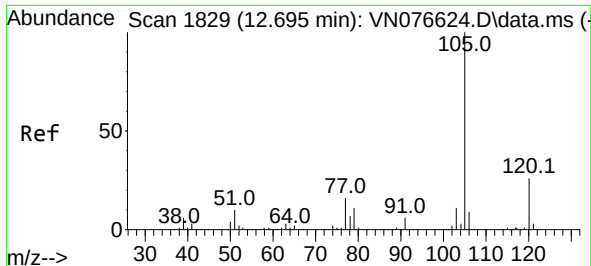
Delta R.T. 0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Tgt Ion:	152	Resp:	134987
Ion Ratio	Lower	Upper	
152	100		
115	60.7	29.3	87.9
150	158.0	0.0	349.8

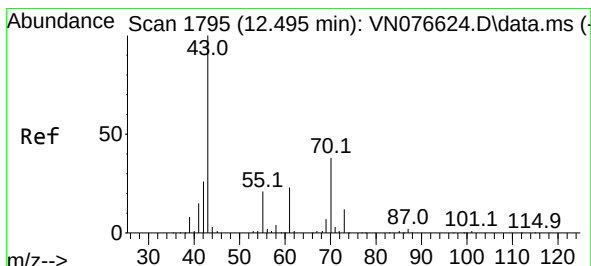
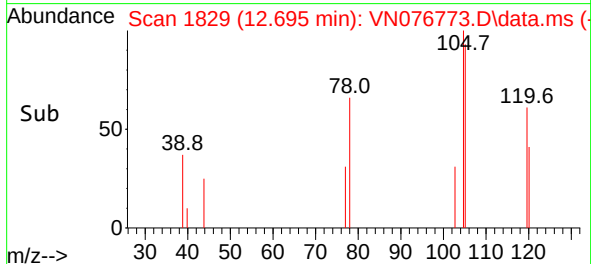
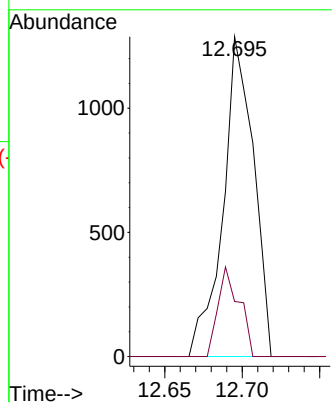
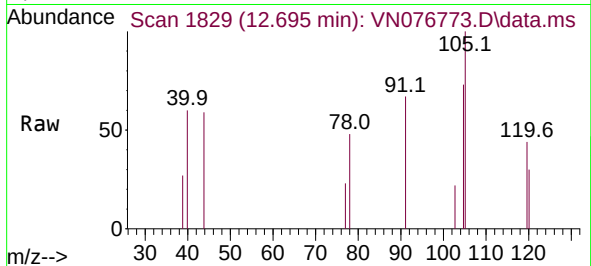




#73
Isopropylbenzene
Concen: 0.178 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

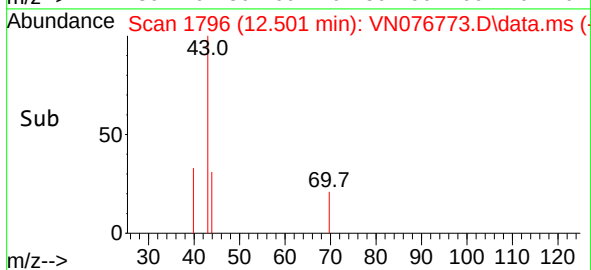
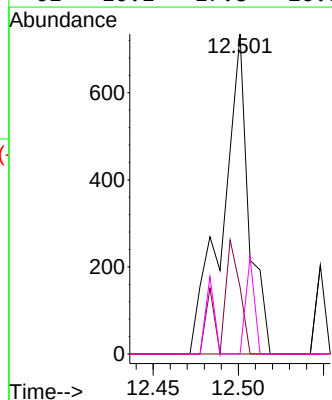
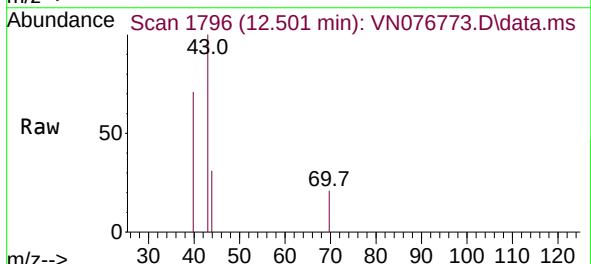
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

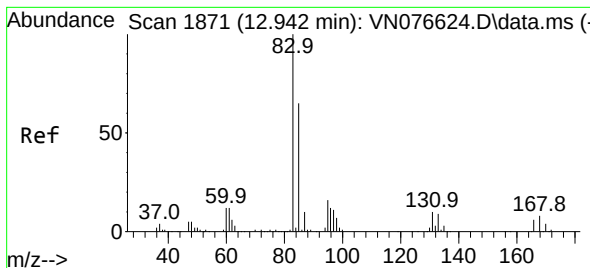
Tgt Ion:105 Resp: 1766
Ion Ratio Lower Upper
105 100
120 19.4 13.7 41.0



#74
N-ethyl acetate
Concen: 0.176 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
70 25.4 30.5 45.7#
55 0.0 17.8 26.8#
61 10.1 17.8 26.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.193 ug/l

RT: 12.942 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

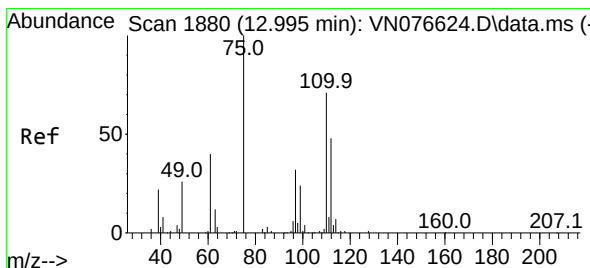
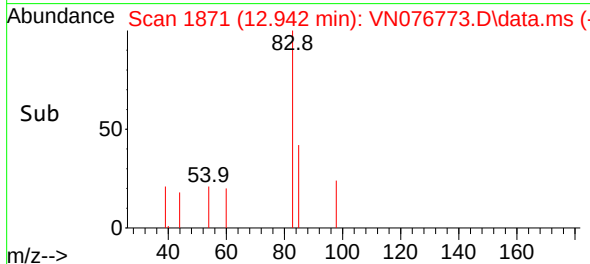
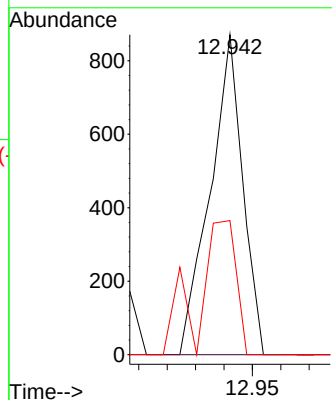
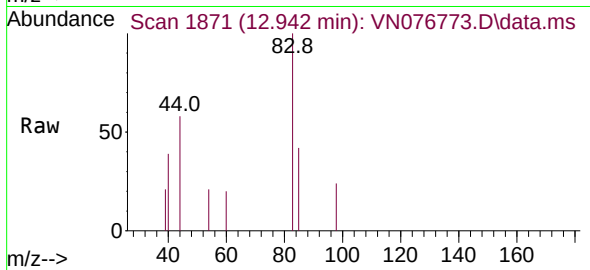
Tgt Ion: 83 Resp: 692

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 49.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 27.665 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076773.D

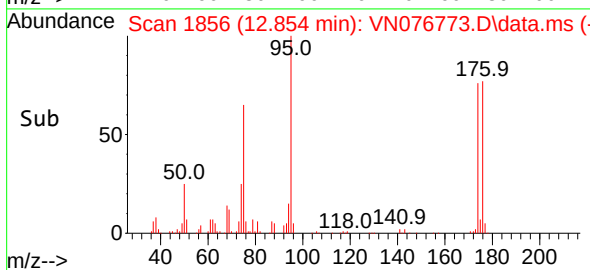
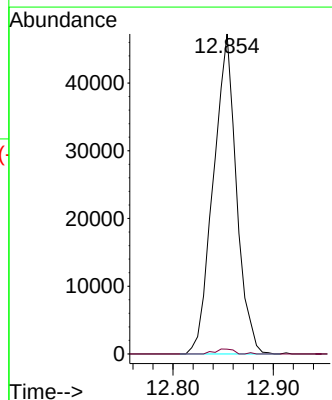
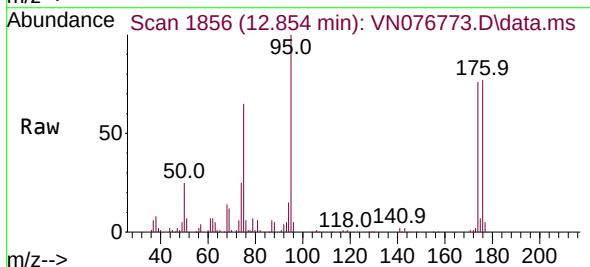
Acq: 22 Feb 2023 16:05

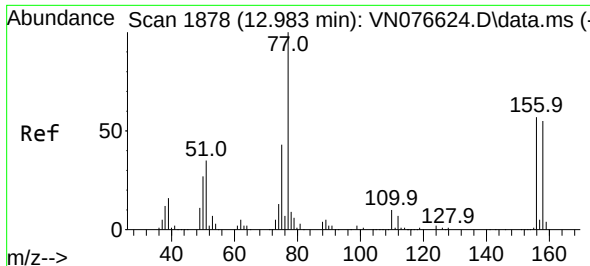
Tgt Ion: 75 Resp: 75499

Ion Ratio Lower Upper

75 100

77 1.2 93.1 279.3#

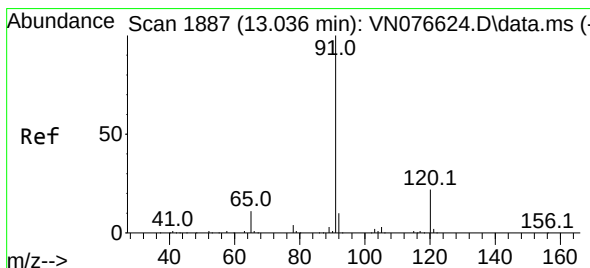
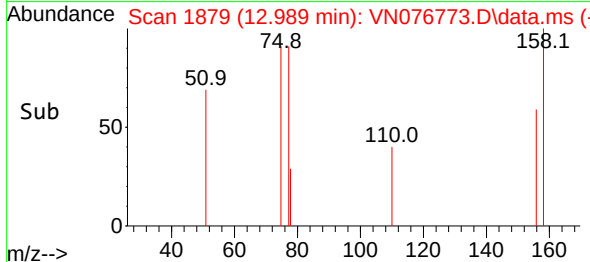
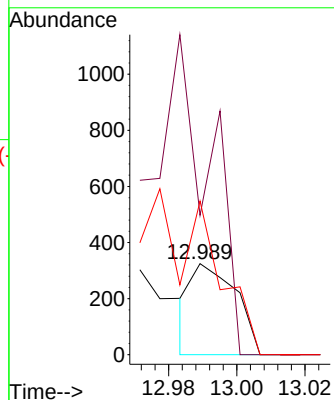
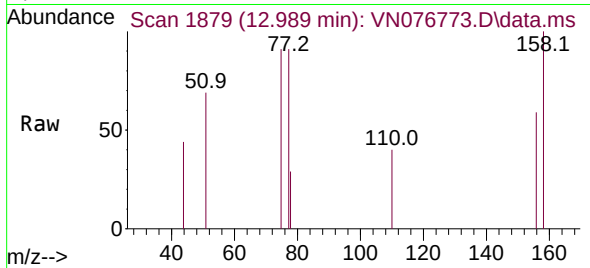




#77
Bromobenzene
Concen: 0.117 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

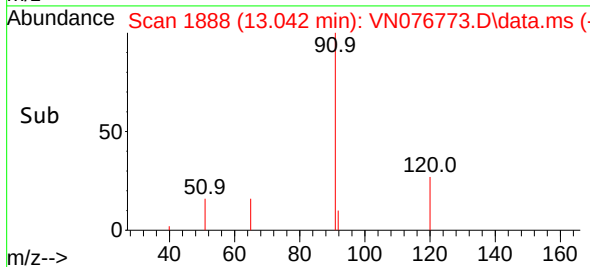
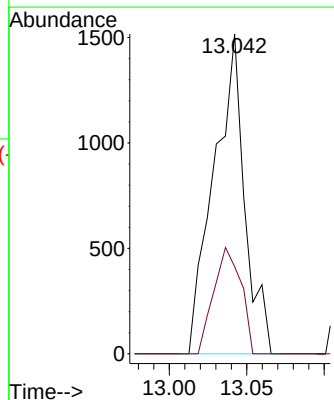
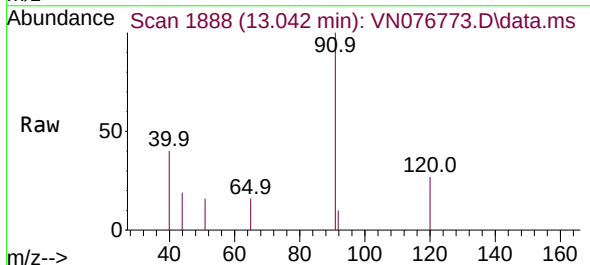
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

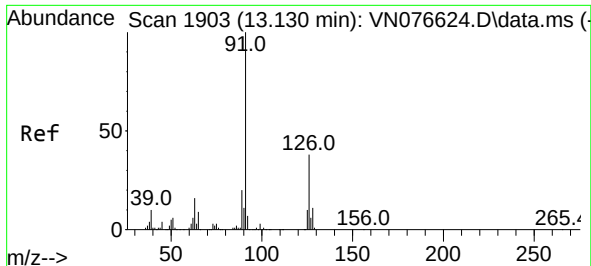
Tgt Ion:156 Resp: 290
Ion Ratio Lower Upper
156 100
77 499.3 102.8 308.4#
158 275.2 48.9 146.6#



#78
n-propylbenzene
Concen: 0.180 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 91 Resp: 2091
Ion Ratio Lower Upper
91 100
120 29.5 11.5 34.5

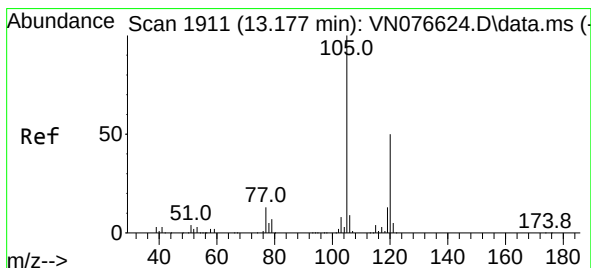
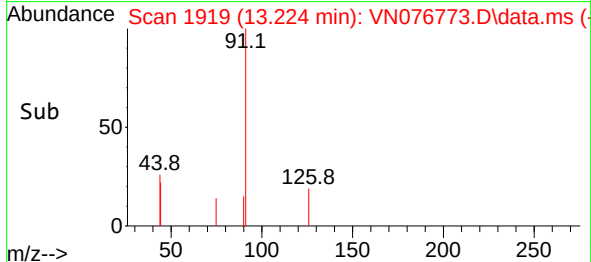
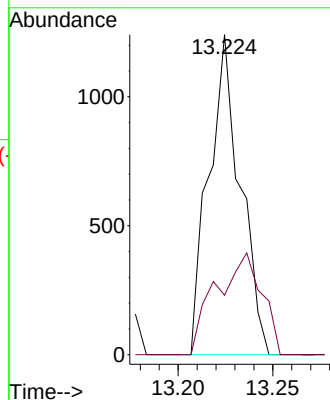
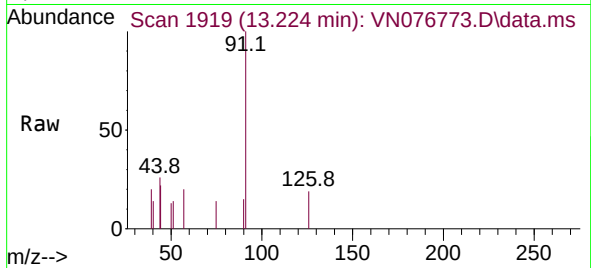




#79
2-Chlorotoluene
Concen: 0.201 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.094 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

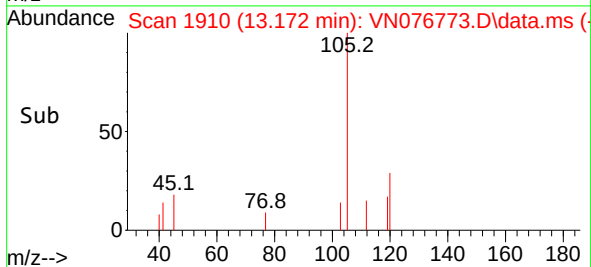
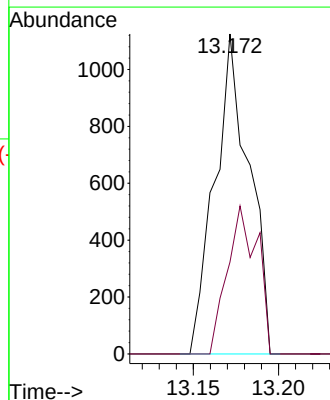
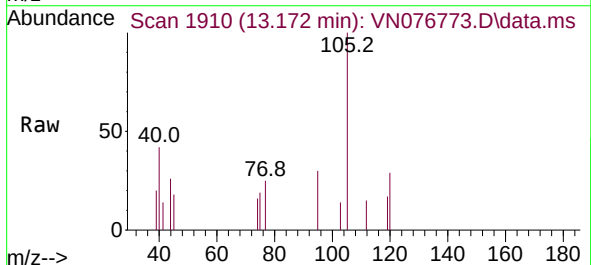
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

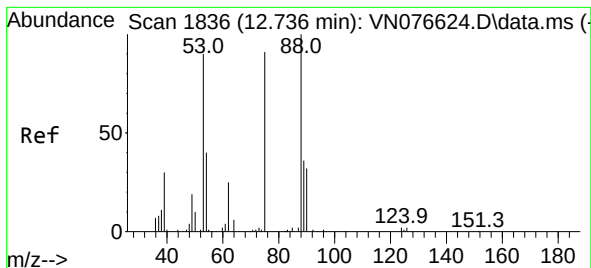
Tgt Ion: 91 Resp: 1432
Ion Ratio Lower Upper
91 100
126 46.4 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 0.193 ug/l
RT: 13.172 min Scan# 1910
Delta R.T. -0.005 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 105 Resp: 1575
Ion Ratio Lower Upper
105 100
120 40.4 25.1 75.4

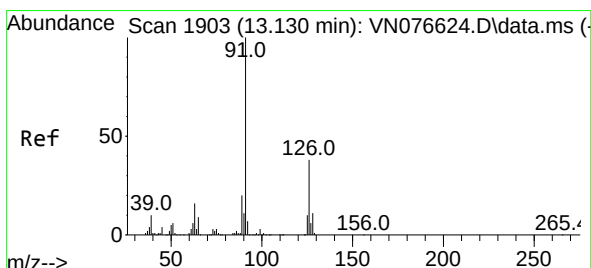
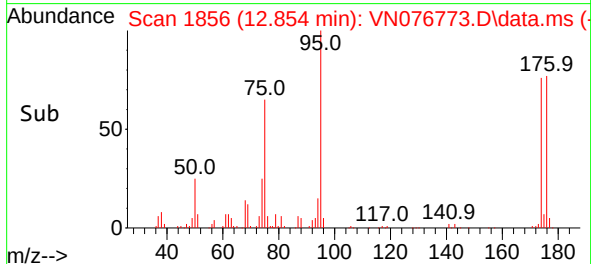
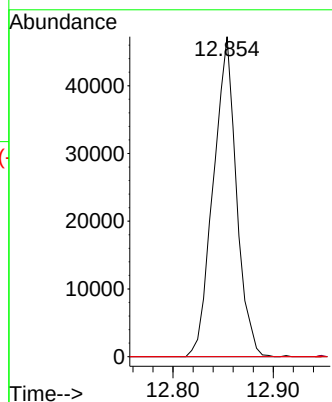
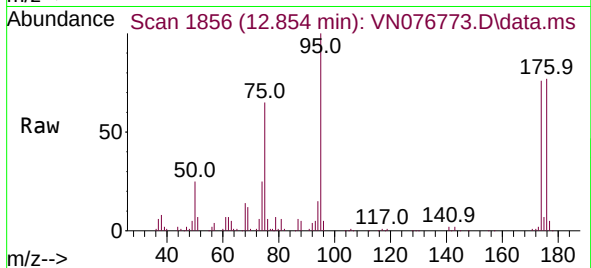




#81
trans-1,4-Dichloro-2-butene
Concen: 80.576 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

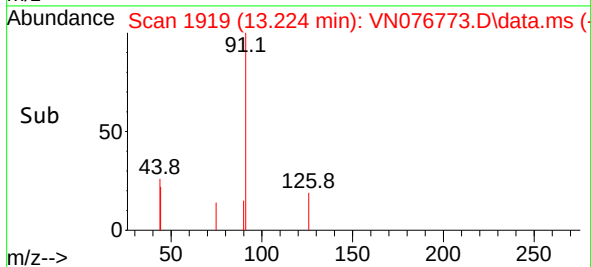
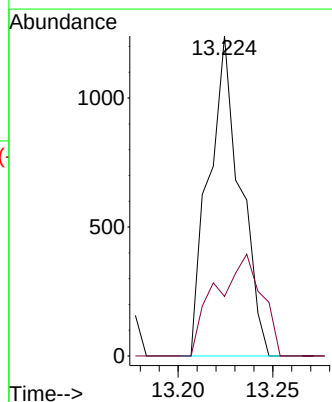
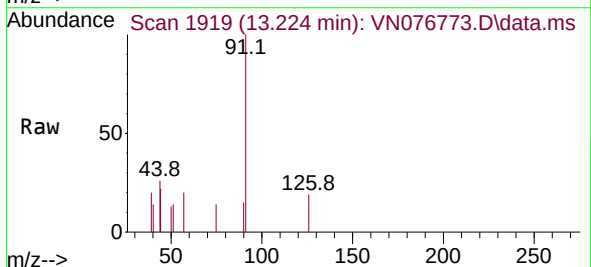
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

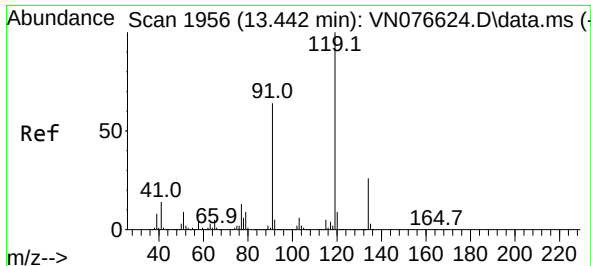
Tgt Ion: 75 Resp: 75499
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 0.201 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.094 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 91 Resp: 1432
Ion Ratio Lower Upper
91 100
126 46.4 17.7 53.1

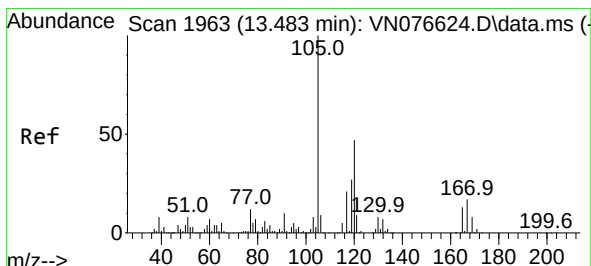
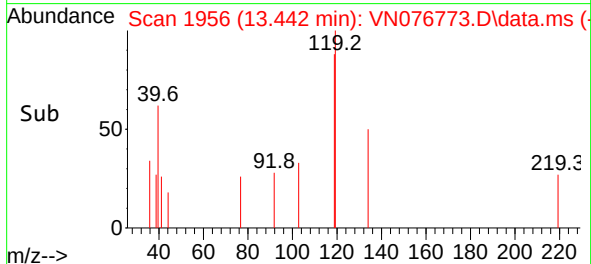
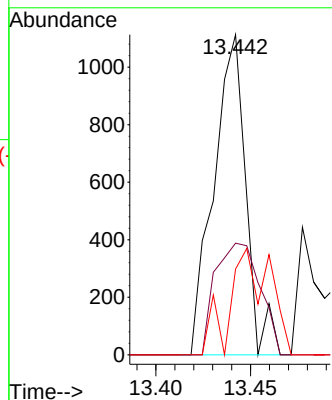
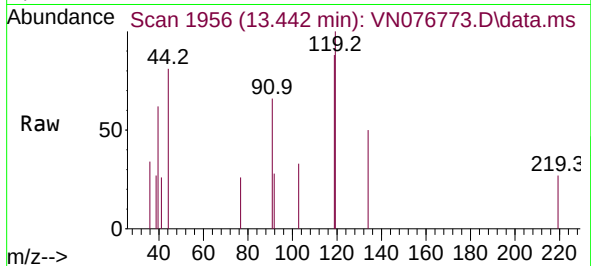




#83
tert-Butylbenzene
Concen: 0.178 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

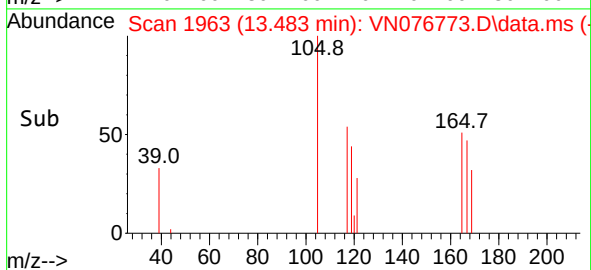
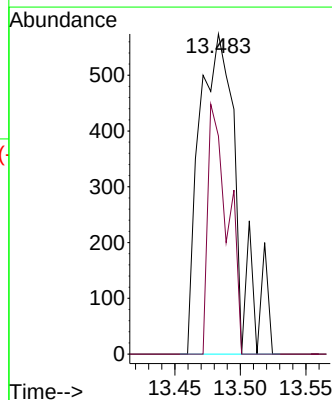
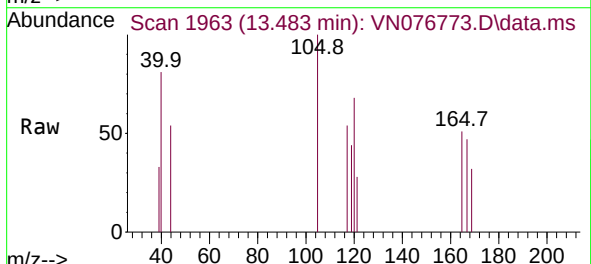
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

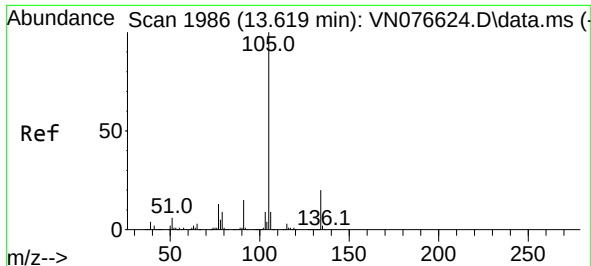
Tgt Ion:119 Resp: 1317
Ion Ratio Lower Upper
119 100
91 48.4 32.0 96.2
134 41.6 13.8 41.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.142 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:105 Resp: 1155
Ion Ratio Lower Upper
105 100
120 40.8 23.0 69.0

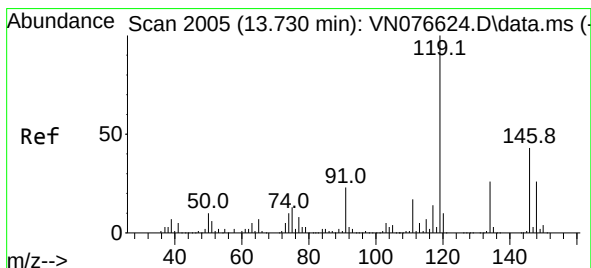
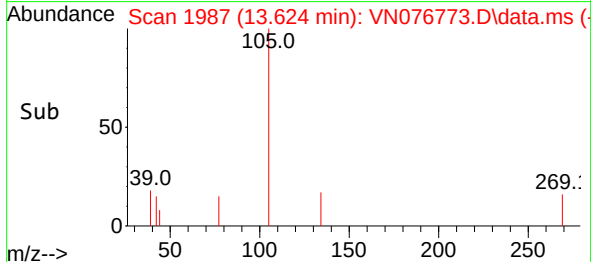
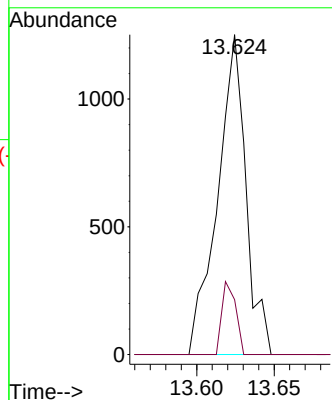
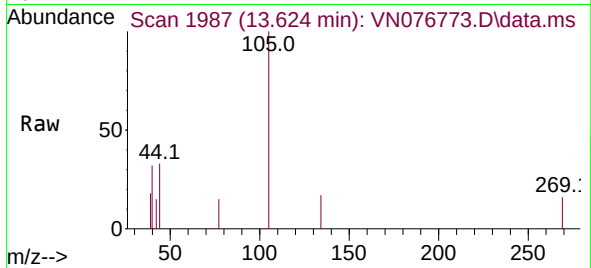




#85
 sec-Butylbenzene
 Concen: 0.154 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

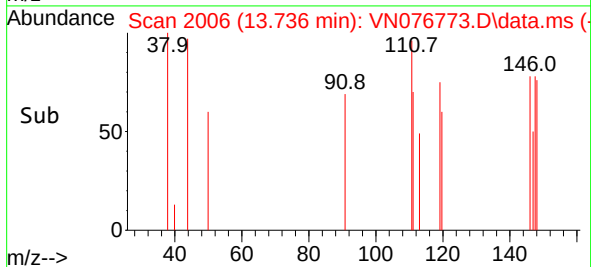
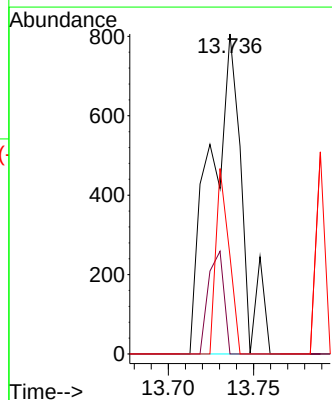
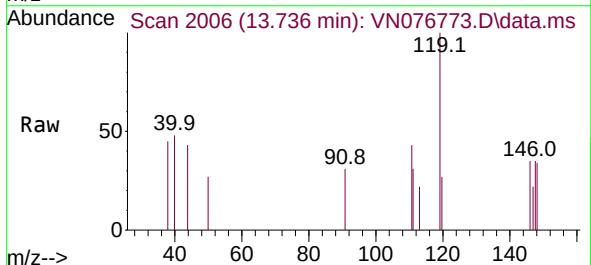
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

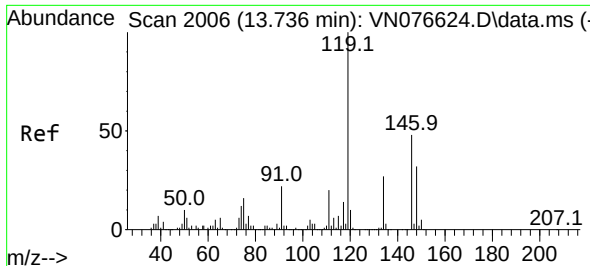
Tgt Ion:105 Resp: 1594
 Ion Ratio Lower Upper
 105 100
 134 11.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.126 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076773.D
 Acq: 22 Feb 2023 16:05

Tgt Ion:119 Resp: 1040
 Ion Ratio Lower Upper
 119 100
 134 15.9 13.4 40.1
 91 24.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

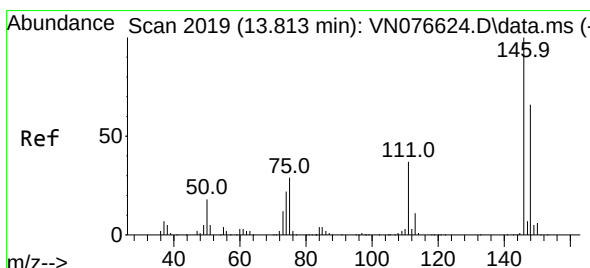
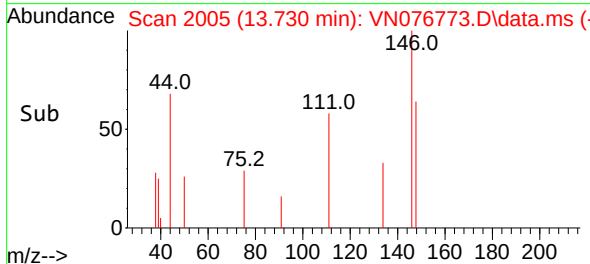
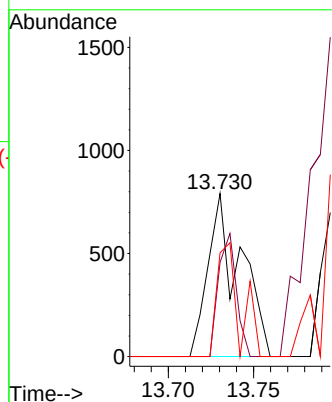
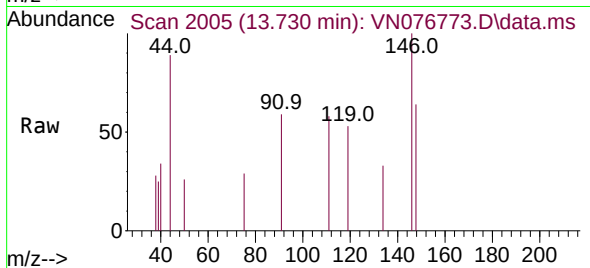
Tgt Ion:146 Resp: 1048

Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.4

148 47.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.226 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.083 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

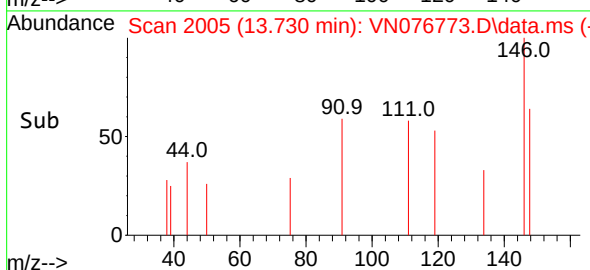
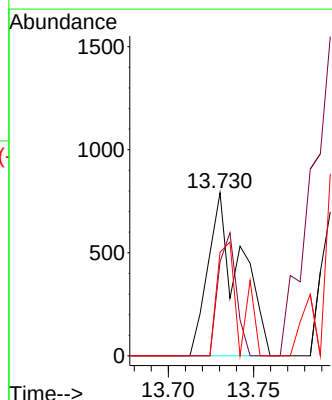
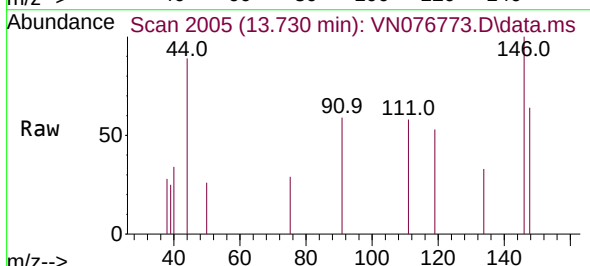
Tgt Ion:146 Resp: 1048

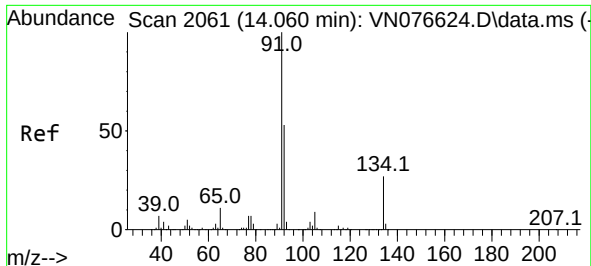
Ion Ratio Lower Upper

146 100

111 41.4 19.4 58.1

148 47.8 32.7 98.1

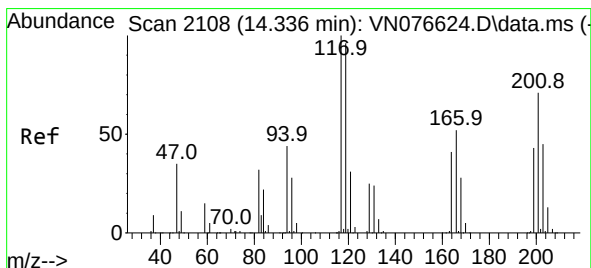
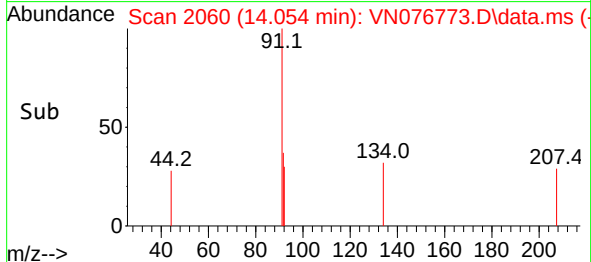
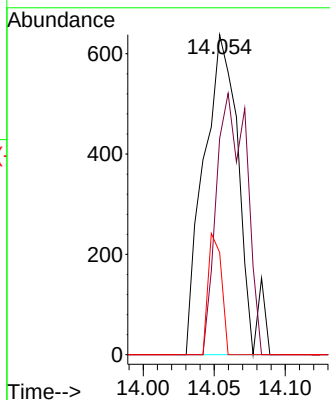
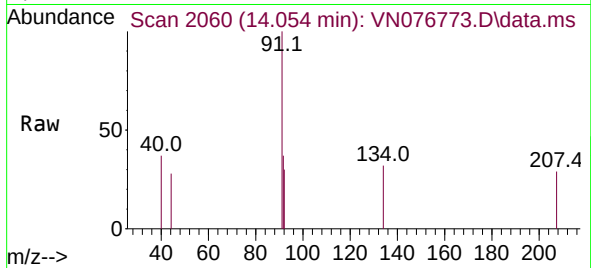




#89
n-Butylbenzene
Concen: 0.153 ug/l
RT: 14.054 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

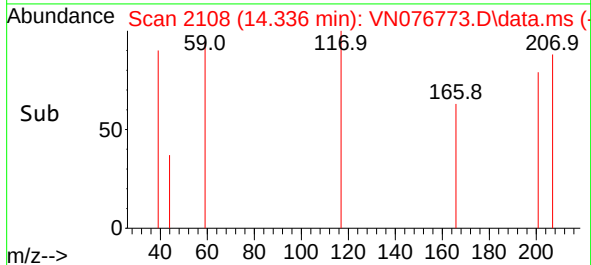
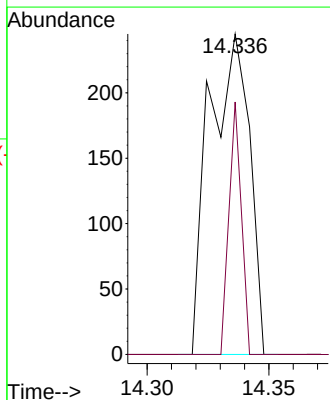
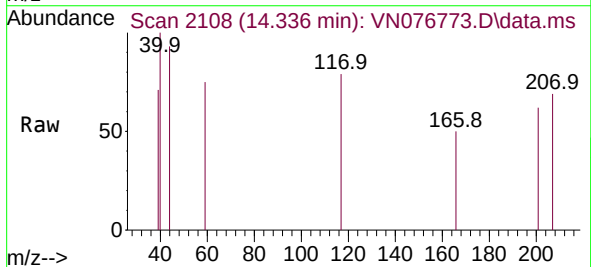
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

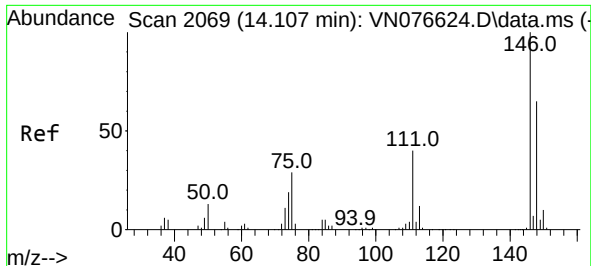
Tgt Ion: 91	Resp:	1099
Ion Ratio	Lower	Upper
91	100	
92	69.7	26.4 79.0
134	14.3	13.2 39.5



#90
Hexachloroethane
Concen: 0.162 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion: 117	Resp:	280
Ion Ratio	Lower	Upper
117	100	
201	24.3	35.5 106.7#





#91

1,2-Dichlorobenzene

Concen: 0.210 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

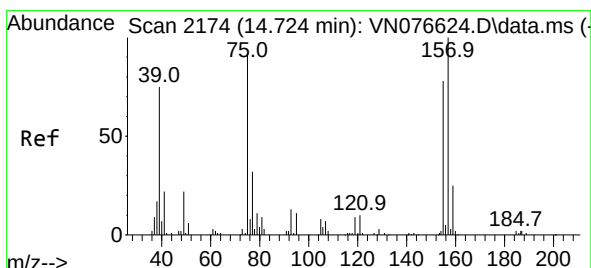
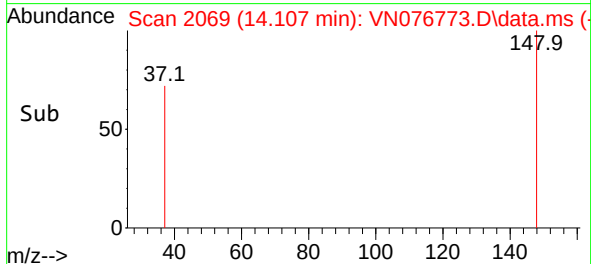
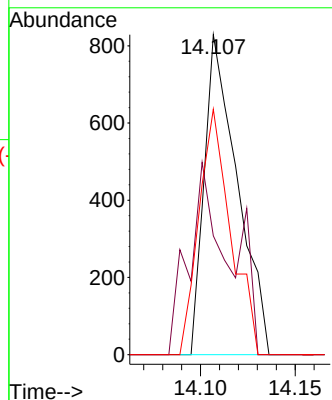
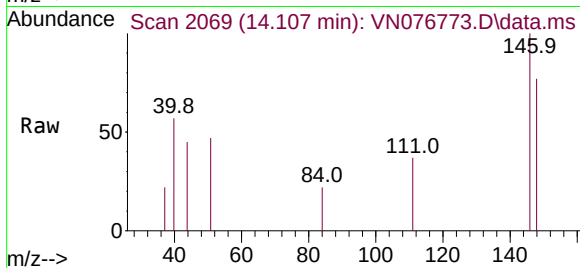
Tgt Ion:146 Resp: 1004

Ion Ratio Lower Upper

146 100

111 73.5 20.0 59.9#

148 73.9 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.089 ug/l

RT: 14.713 min Scan# 2172

Delta R.T. -0.011 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

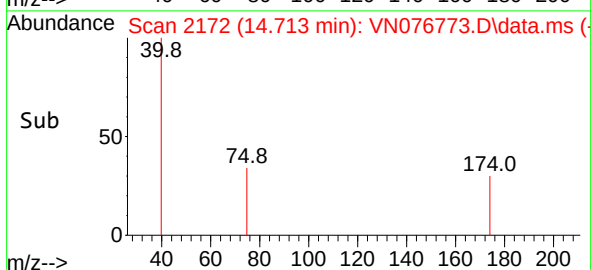
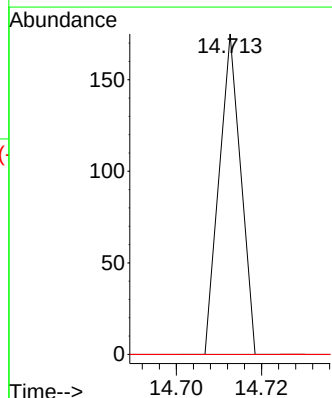
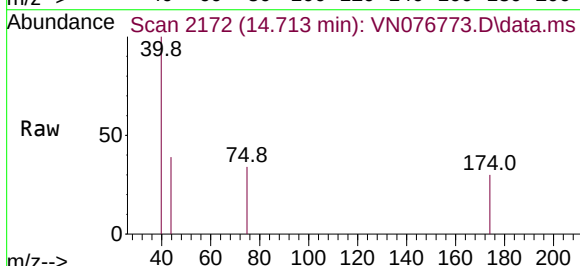
Tgt Ion: 75 Resp: 62

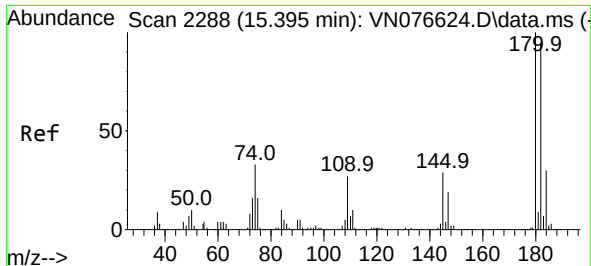
Ion Ratio Lower Upper

75 100

155 0.0 43.4 130.2#

157 0.0 55.2 165.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.260 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

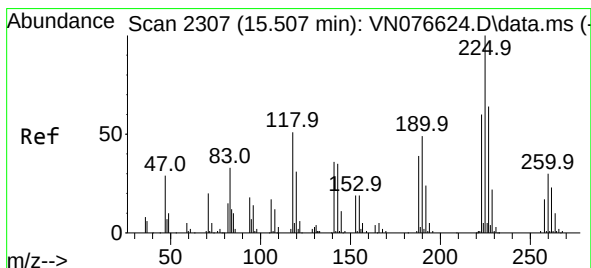
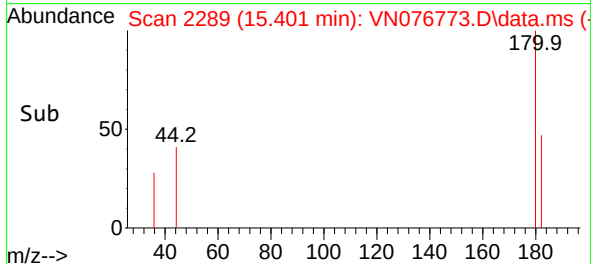
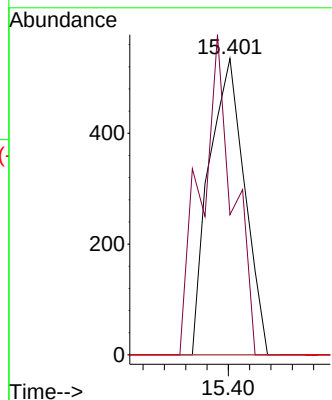
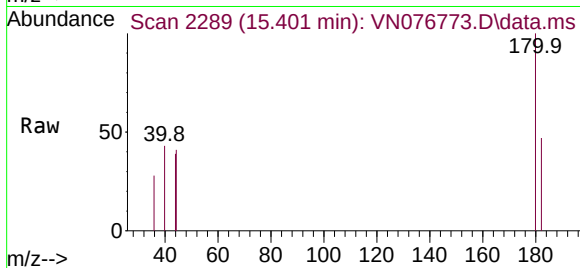
Tgt Ion:180 Resp: 620

Ion Ratio Lower Upper

180 100

182 97.6 48.0 144.0

145 0.0 15.2 45.6#



#94

Hexachlorobutadiene

Concen: 0.068 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076773.D

Acq: 22 Feb 2023 16:05

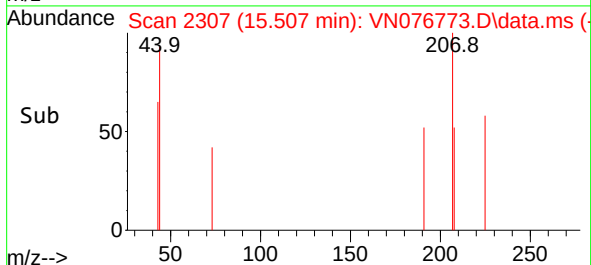
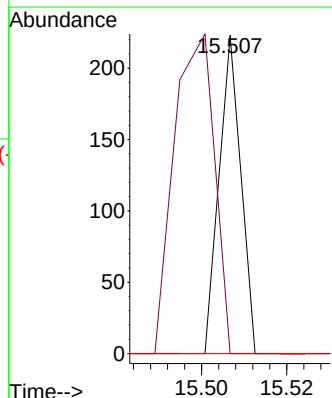
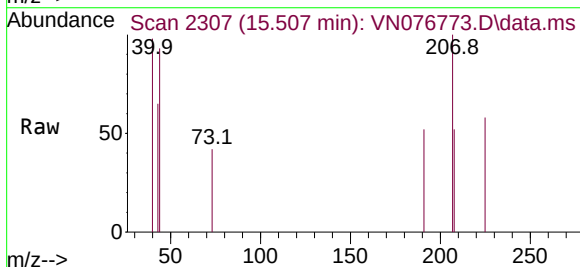
Tgt Ion:225 Resp: 79

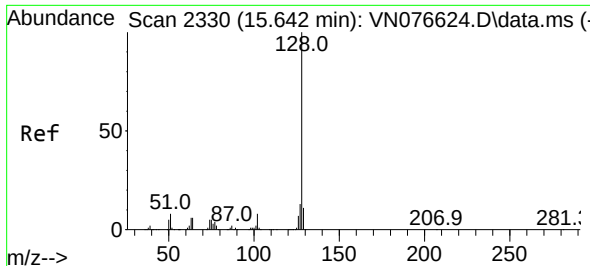
Ion Ratio Lower Upper

225 100

223 186.1 31.6 95.0#

227 0.0 31.3 93.9#

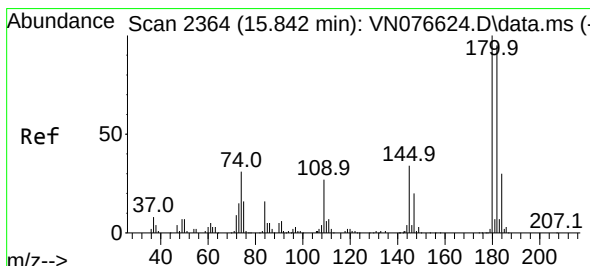
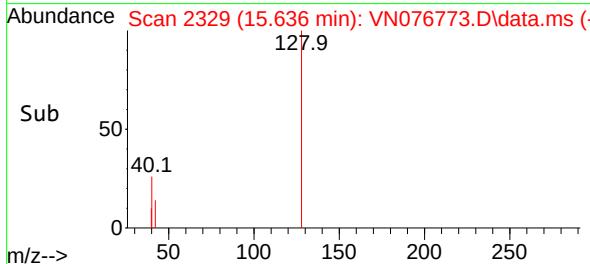
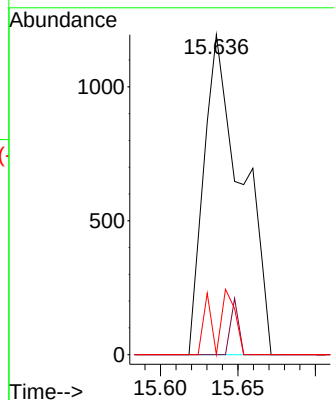
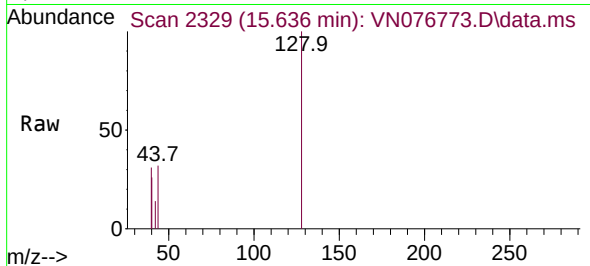




#95
Naphthalene
Concen: 0.280 ug/l
RT: 15.636 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:128 Resp: 2030
Ion Ratio Lower Upper
128 100
127 3.6 10.6 16.0#
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.247 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: VN076773.D
Acq: 22 Feb 2023 16:05

Tgt Ion:180 Resp: 571
Ion Ratio Lower Upper
180 100
182 61.8 46.7 140.1
145 0.0 16.0 47.9#

