

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078748.D
 Acq On : 03 Aug 2023 13:19
 Operator : JC\MD
 Sample : 03572-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Aug 04 06:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	100789	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	504819	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.876	117	409258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	243923	32.286	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.633%	
60) 4-Bromofluorobenzene	12.853	95	141073	23.001	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 76.667%	
63) Toluene-d8	10.570	98	623434	30.837	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	17011	2.676	ug/l	97
3) Chloromethane	2.377	50	26990	3.449	ug/l	95
4) Vinyl Chloride	2.524	62	29902	2.812	ug/l	90
5) Bromomethane	2.965	94	21612	2.719	ug/l	97
7) Trichlorofluoromethane	3.500	101	26353	2.416	ug/l	88
8) Diethyl Ether	3.977	74	4588	1.288	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.383	101	8791	1.501	ug/l	66
10) 1,1-Dichloroethene	4.341	96	6579	1.172	ug/l	91
11) Methyl Iodide	4.600	142	14585	1.848	ug/l	91
12) Methyl Acetate	5.036	43	8247	0.905	ug/l	93
13) Acrolein	4.194	56	7300	7.527	ug/l	90
14) Acrylonitrile	5.741	53	24214	9.079	ug/l	86
15) Acetone	4.447	58	3867	5.004	ug/l	90
16) Carbon Disulfide	4.718	76	37097	2.339	ug/l	99
17) Allyl chloride	5.030	41	8968	1.170	ug/l	91
18) Methylene Chloride	5.283	84	18722	2.779	ug/l #	82
19) trans-1,2-Dichloroethene	5.800	96	14352	2.211	ug/l	83
20) Diisopropyl ether	6.688	45	35496	2.056	ug/l	93
21) 1,1-Dichloroethane	6.582	63	24841	2.173	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	16780	2.301	ug/l #	64
23) tert-Butyl Alcohol	5.471	59	551	0.506	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	39559	2.095	ug/l #	84
25) Chloroform	7.982	83	32735	2.705	ug/l	86
26) Cyclohexane	8.259	56	20517	2.437	ug/l #	95
29) 1,1-Dichloropropene	8.382	75	21907	2.949	ug/l	82
30) 2-Butanone	7.506	43	33914	11.550	ug/l #	95
31) 2,2-Dichloropropane	7.500	77	22689	2.662	ug/l	100
32) 1,1,1-Trichloroethane	8.182	97	28531	3.036	ug/l	98
33) Carbon Tetrachloride	8.371	117	25611	3.068	ug/l	94
34) Benzene	8.618	78	63592	2.850	ug/l #	80
35) Methacrylonitrile	7.794	41	9043	2.804	ug/l #	68
36) 1,2-Dichloroethane	8.682	62	25416	3.243	ug/l	100
37) Trichloroethene	9.359	130	15855	2.532	ug/l	98
38) Methylcyclohexane	9.612	83	15281	2.002	ug/l	82
39) 1,2-Dichloropropane	9.635	63	15883	2.655	ug/l #	84
40) Dibromomethane	9.706	93	5219	1.261	ug/l #	1
41) Bromodichloromethane	9.888	83	12778	1.544	ug/l	89
42) Vinyl Acetate	6.618	43	102723	10.881	ug/l #	86
43) Ethyl Acetate	7.565	43	4004	0.660	ug/l #	1

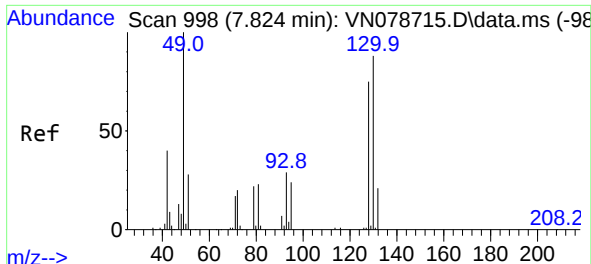
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.700	43	31459	2.954	ug/l	99
45) 1,4-Dioxane	9.712	88	4326	44.155	ug/l #	72
46) Methyl methacrylate	9.688	41	12205	2.502	ug/l	89
47) n-amyl Acetate	12.500	43	14775	1.801	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	20856	2.361	ug/l	90
49) cis-1,3-Dichloropropene	10.323	75	22482	2.396	ug/l	95
50) 1,1,2-Trichloroethane	11.023	97	15709	2.681	ug/l #	90
51) Ethyl methacrylate	10.882	69	15876	1.979	ug/l	91
52) 1,3-Dichloropropane	11.165	76	24076	2.286	ug/l	96
53) Dibromochloromethane	11.370	129	16407	2.478	ug/l	97
54) 1,2-Dibromoethane	11.476	107	14176	2.409	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	25494	9.972	ug/l	97
56) Bromoform	12.582	173	9729	2.246	ug/l #	94
58) 4-Methyl-2-Pentanone	10.453	43	69927	11.415	ug/l	98
59) 2-Hexanone	11.206	43	47223	10.181	ug/l	94
61) Tetrachloroethene	11.112	164	13962	2.594	ug/l #	88
62) Toluene	10.635	91	63297	2.571	ug/l	97
64) Chlorobenzene	11.894	112	36870	2.565	ug/l	89
65) 1,1,1,2-Tetrachloroethane	11.964	131	14064	2.481	ug/l	91
66) Ethyl Benzene	11.970	91	52459	2.114	ug/l	89
67) m/p-Xylenes	12.070	106	40415	4.264	ug/l	99
68) o-Xylene	12.400	106	18939	1.964	ug/l	94
69) Styrene	12.417	104	27195	1.753	ug/l	98
70) Isopropylbenzene	12.700	105	46464	1.948	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.947	83	19342	2.496	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	16197	2.492	ug/l	66
73) Bromobenzene	12.994	156	13167	2.252	ug/l	83
74) n-propylbenzene	13.041	91	48202	1.823	ug/l	98
75) 2-Chlorotoluene	13.129	91	32495	1.780	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	35530	1.668	ug/l	98
77) t-1,4-Dichloro-2-butene	12.747	75	4865	2.141	ug/l	73
78) 4-Chlorotoluene	13.229	91	25710	1.458	ug/l	98
79) tert-butylbenzene	13.441	119	31747	1.732	ug/l	92
80) 1,2,4-Trimethylbenzene	13.488	105	31746	1.561	ug/l	95
81) sec-Butylbenzene	13.623	105	37337	1.589	ug/l	96
82) p-Isopropyltoluene	13.729	119	28794	1.493	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	14093	1.359	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	13375	1.378	ug/l	99
85) n-Butylbenzene	14.058	91	15890	1.188	ug/l	98
86) Hexachloroethane	14.341	117	7846	2.232	ug/l	95
87) 1,2-Dichlorobenzene	14.111	146	14139	1.457	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2938	2.232	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.405	180	2463	0.890	ug/l	89
90) Hexachlorobutadiene	15.505	225	3688	1.748	ug/l	97
91) Naphthalene	15.647	128	9700	1.156	ug/l #	89
92) 1,2,3-Trichlorobenzene	15.847	180	2641	0.838	ug/l	70

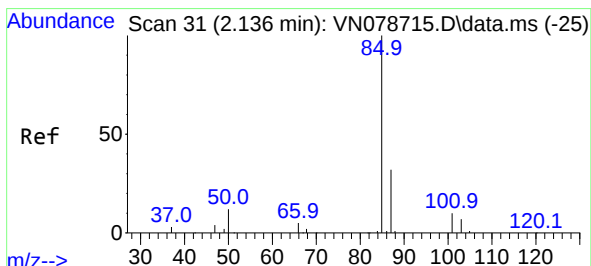
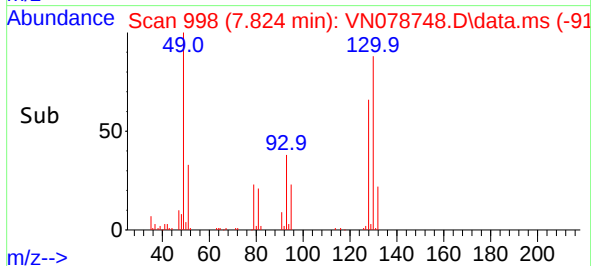
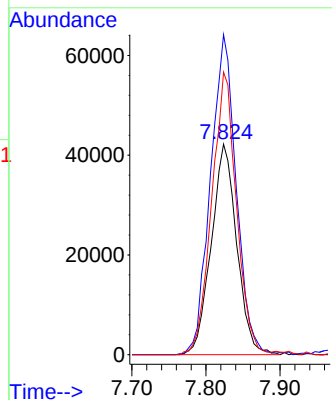
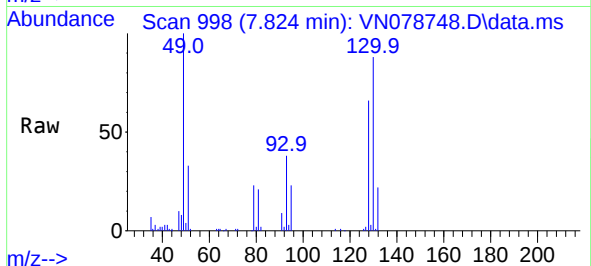
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

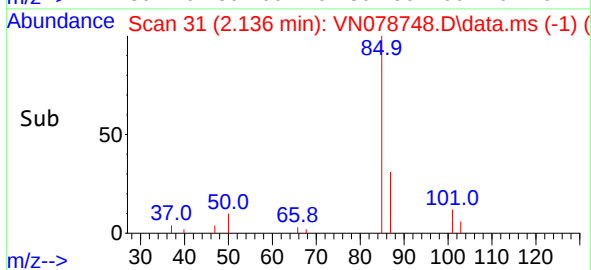
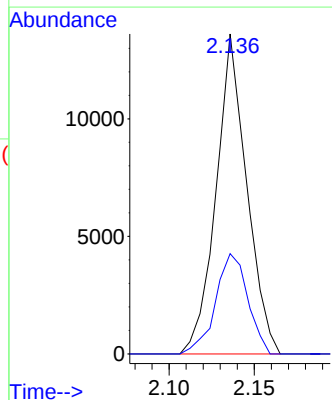
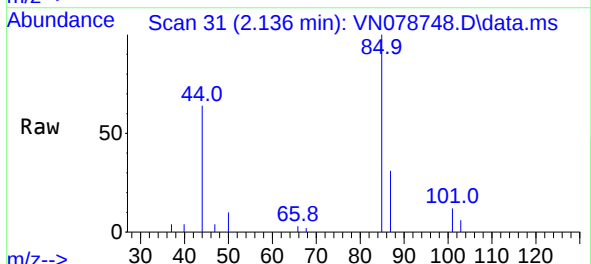
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023

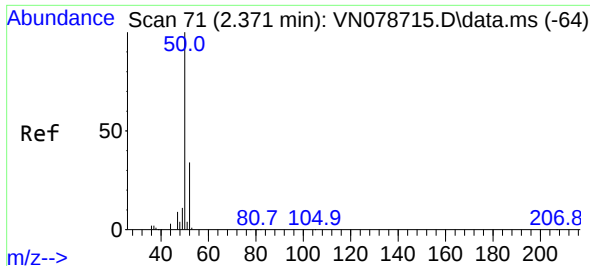
Tgt Ion:128 Resp: 100789
Ion Ratio Lower Upper
128 100
49 152.9 0.0 370.8
130 130.2 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 2.676 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 85 Resp: 17011
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.4

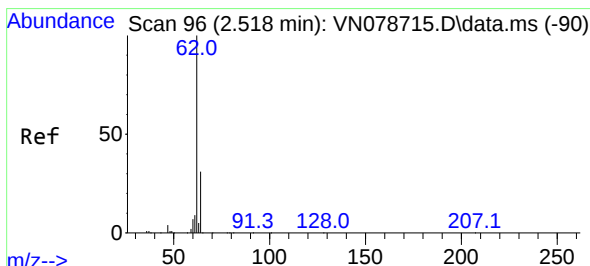
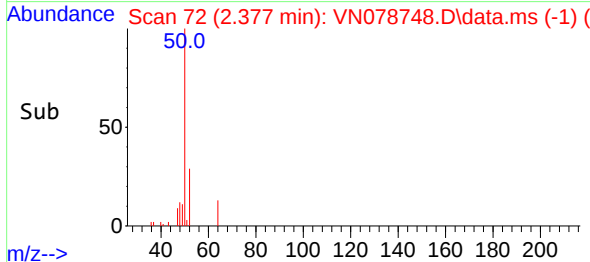
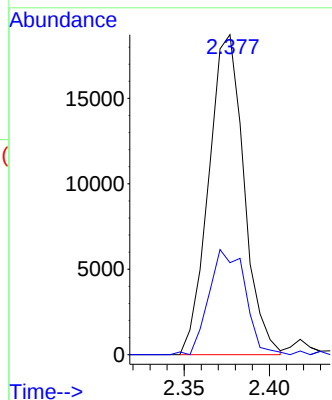
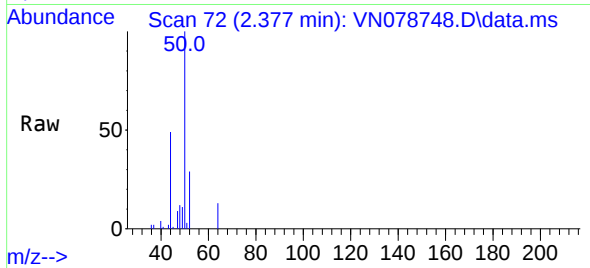




#3
Chloromethane
Concen: 3.449 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

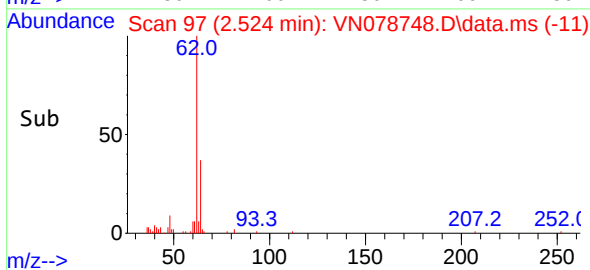
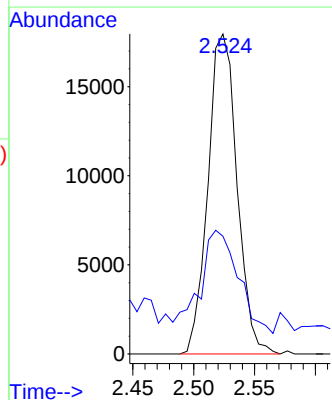
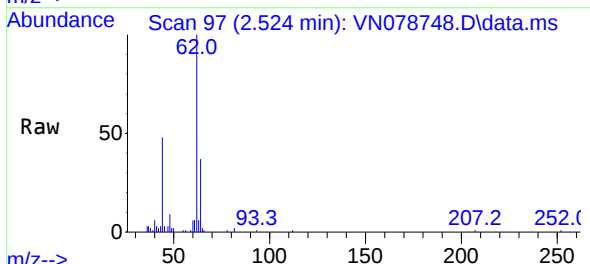
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ClientSampleId :
MDL-WATER-03-QT3-2023

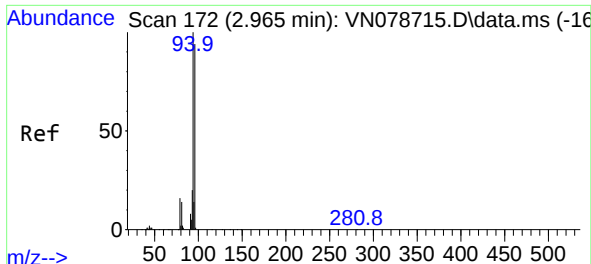
Tgt Ion: 50 Resp: 26990
Ion Ratio Lower Upper
50 100
52 27.9 24.6 36.8



#4
Vinyl Chloride
Concen: 2.812 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 62 Resp: 29902
Ion Ratio Lower Upper
62 100
64 23.8 23.3 34.9

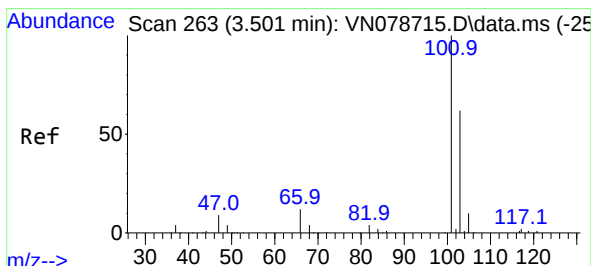
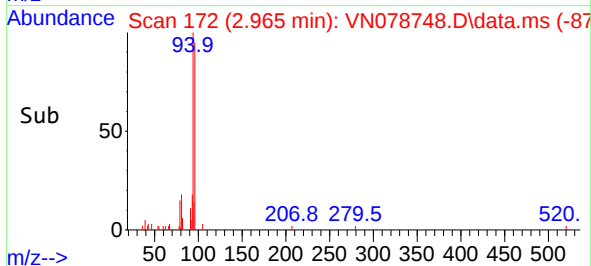
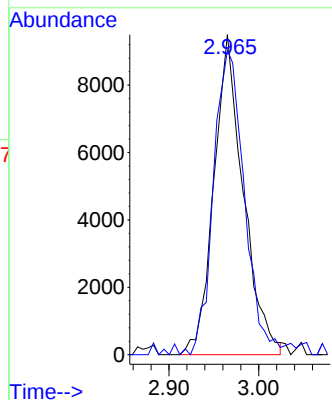
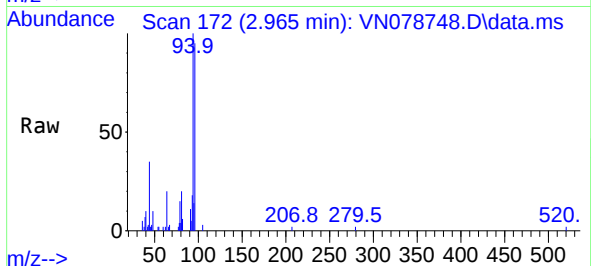




#5
Bromomethane
Concen: 2.719 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

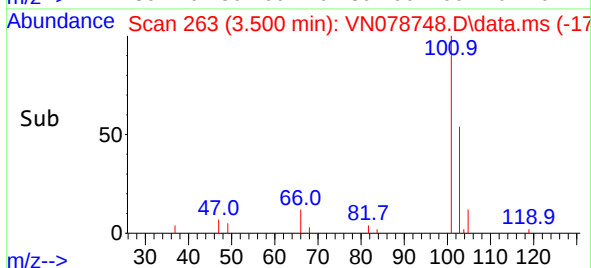
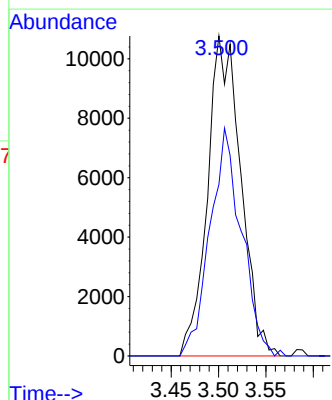
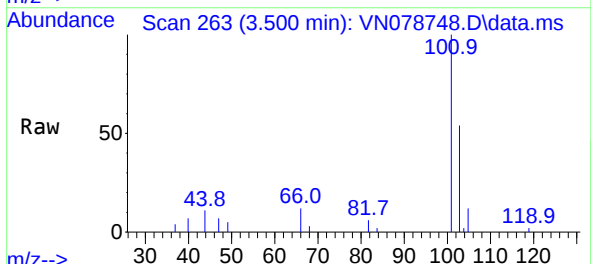
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ClientSampleId :
MDL-WATER-03-QT3-2023

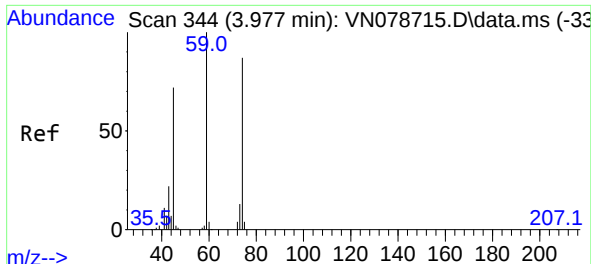
Tgt Ion: 94 Resp: 21612
Ion Ratio Lower Upper
94 100
96 95.1 73.9 110.9



#7
Trichlorofluoromethane
Concen: 2.416 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 101 Resp: 26353
Ion Ratio Lower Upper
101 100
103 53.6 50.4 75.6





#8

Diethyl Ether

Concen: 1.288 ug/l

RT: 3.977 min Scan# 344

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

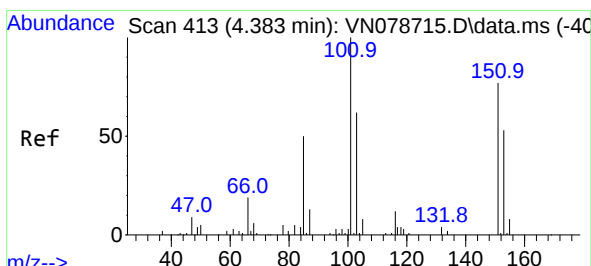
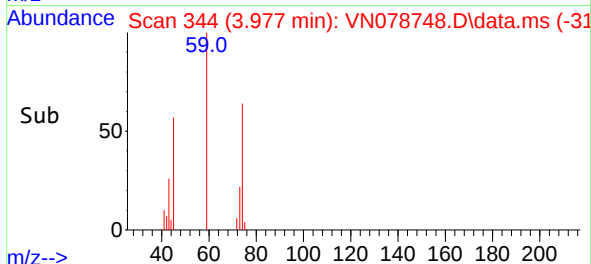
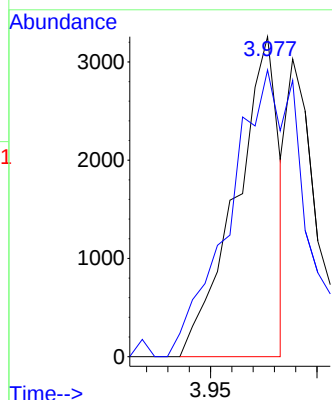
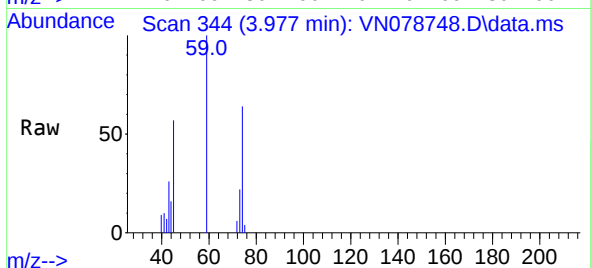
MDL-WATER-03-QT3-2023

Tgt Ion: 74 Resp: 4588

Ion Ratio Lower Upper

74 100

45 107.2 16.3 146.5



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.501 ug/l

RT: 4.383 min Scan# 413

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

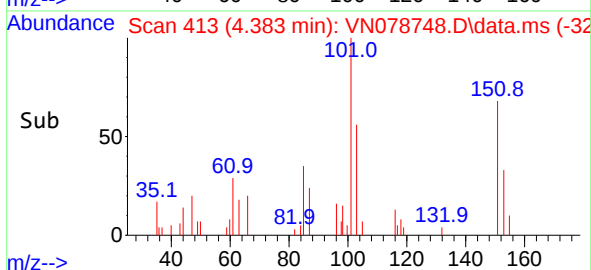
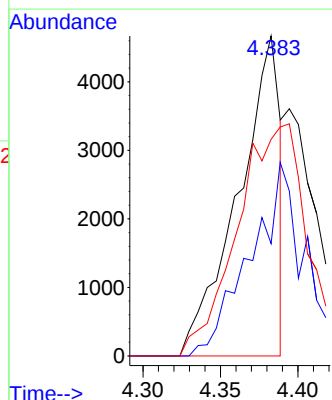
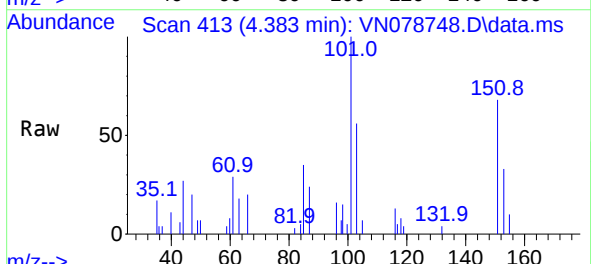
Tgt Ion: 101 Resp: 8791

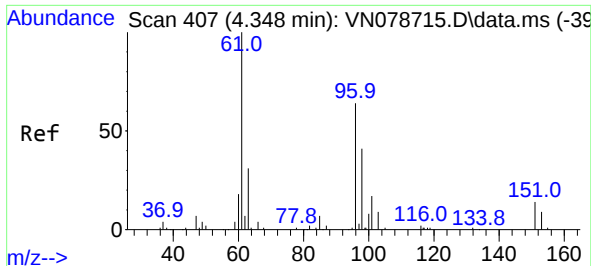
Ion Ratio Lower Upper

101 100

85 76.2 0.0 89.2

151 52.6 0.0 148.8

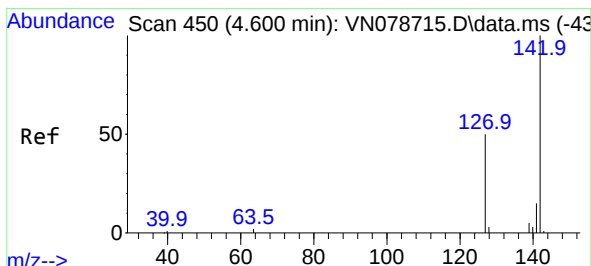
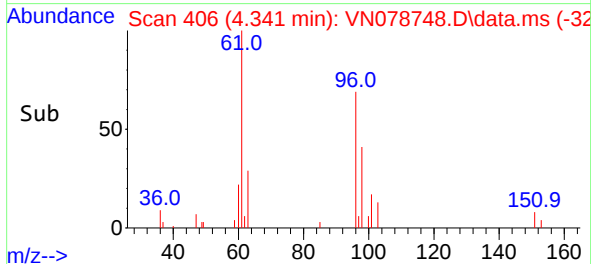
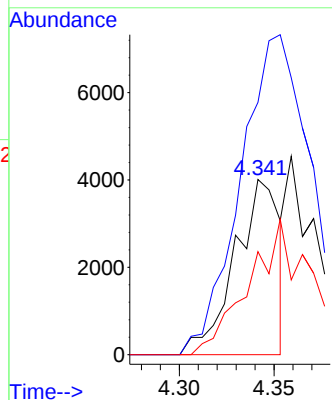
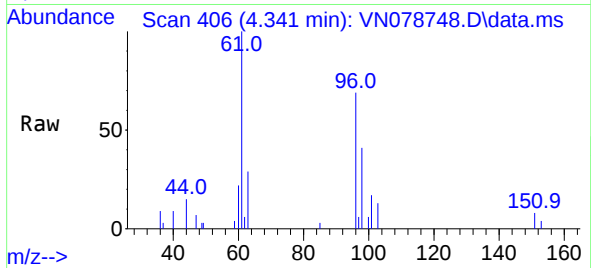




#10
1,1-Dichloroethene
Concen: 1.172 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

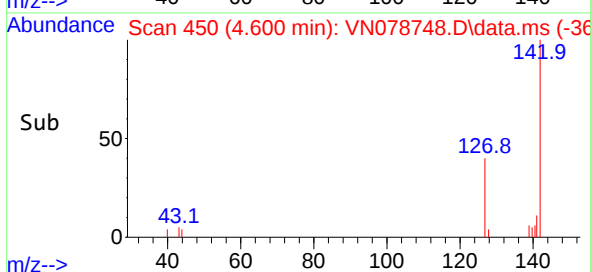
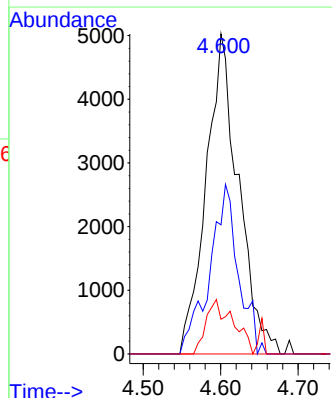
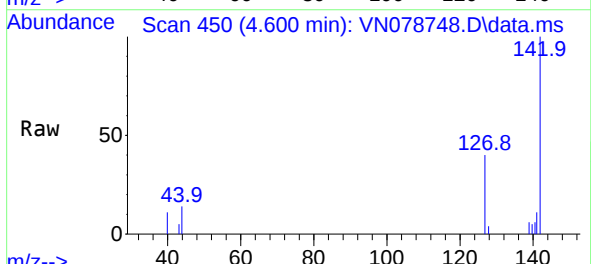
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

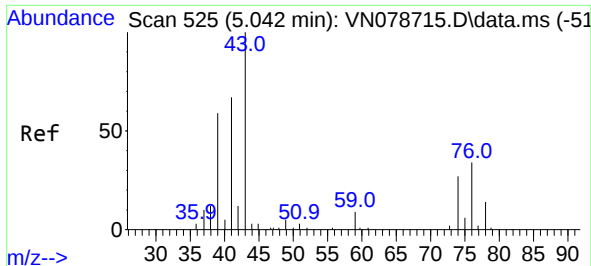
Tgt Ion: 96 Resp: 6579
Ion Ratio Lower Upper
96 100
61 144.0 123.4 185.2
98 58.8 53.7 80.5



#11
Methyl Iodide
Concen: 1.848 ug/l
RT: 4.600 min Scan# 450
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 142 Resp: 14585
Ion Ratio Lower Upper
142 100
127 40.4 23.2 69.5
141 10.8 7.2 21.7





#12

Methyl Acetate

Concen: 0.905 ug/l

RT: 5.036 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

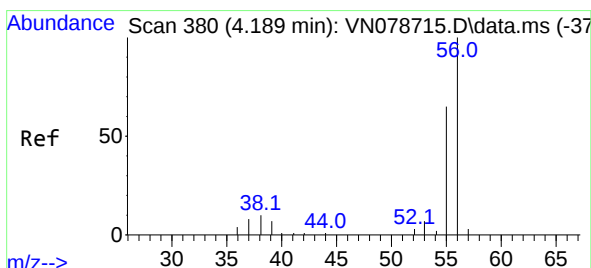
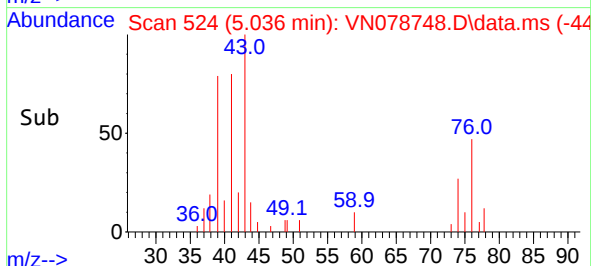
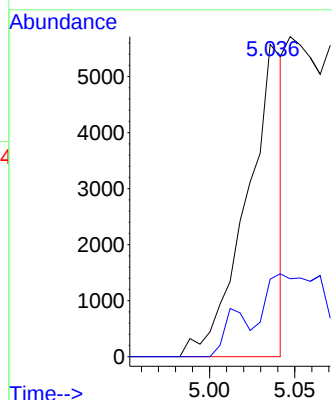
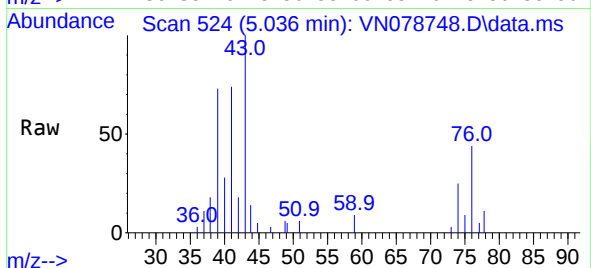
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 8247

Ion Ratio Lower Upper

43 100

74 22.2 20.5 30.7



#13

Acrolein

Concen: 7.527 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078748.D

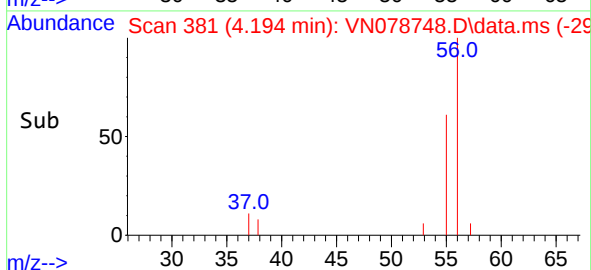
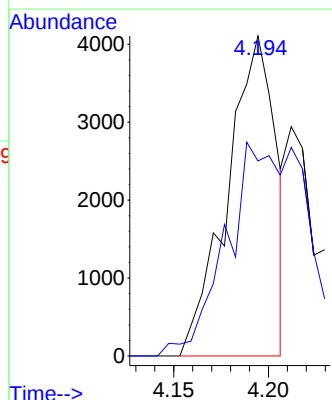
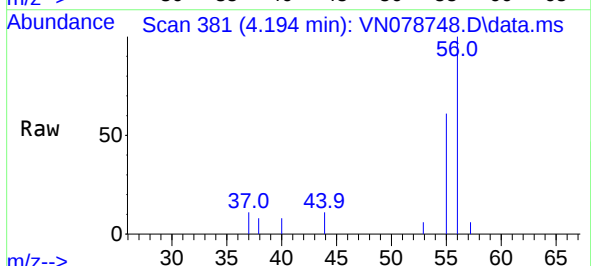
Acq: 03 Aug 2023 13:19

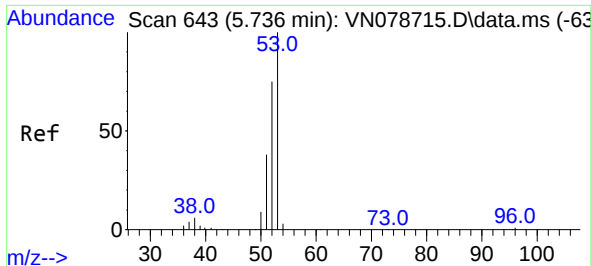
Tgt Ion: 56 Resp: 7300

Ion Ratio Lower Upper

56 100

55 65.0 59.0 88.4

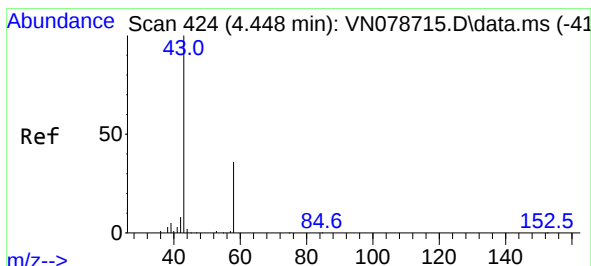
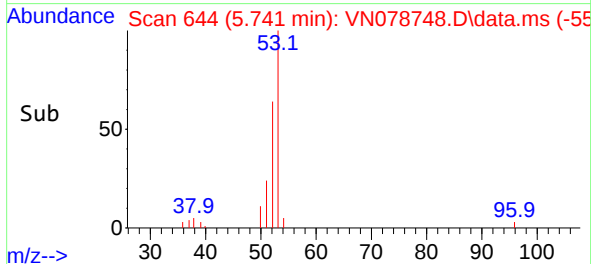
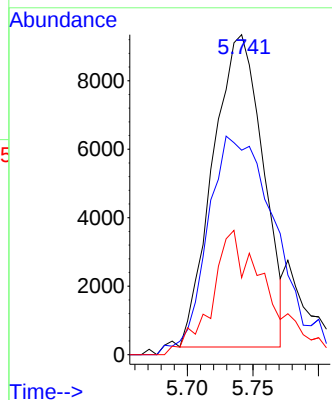
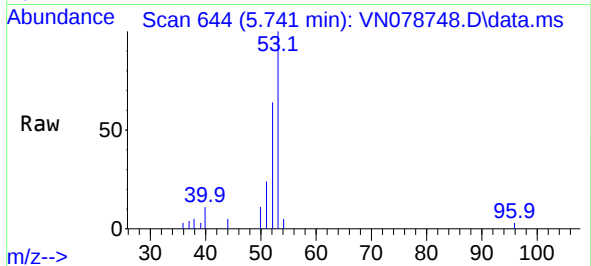




#14
Acrylonitrile
Concen: 9.079 ug/l
RT: 5.741 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

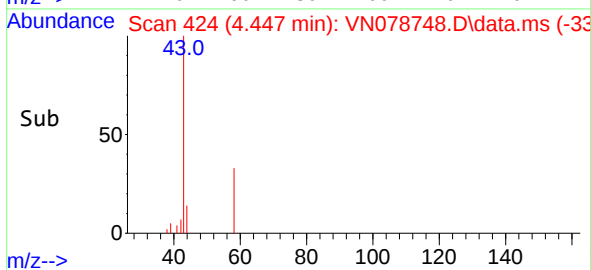
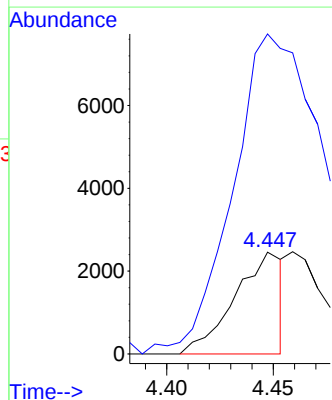
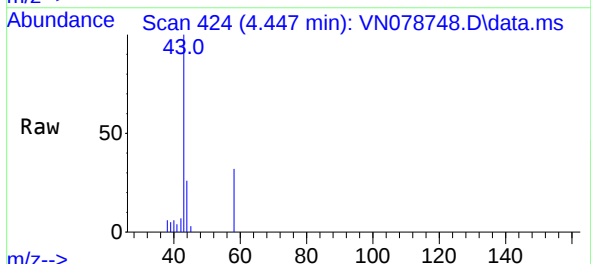
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

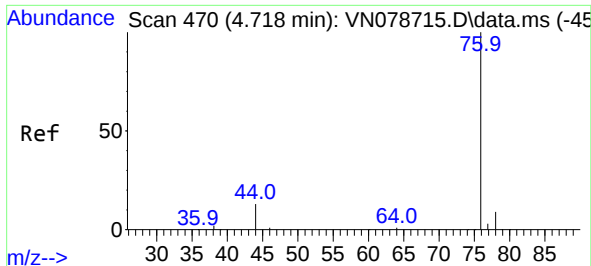
Tgt Ion: 53 Resp: 24214
Ion Ratio Lower Upper
53 100
52 93.2 42.3 126.9
51 23.2 18.4 55.4



#15
Acetone
Concen: 5.004 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 58 Resp: 3867
Ion Ratio Lower Upper
58 100
43 303.2 227.5 341.3

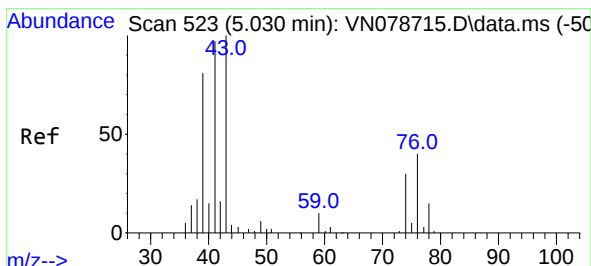
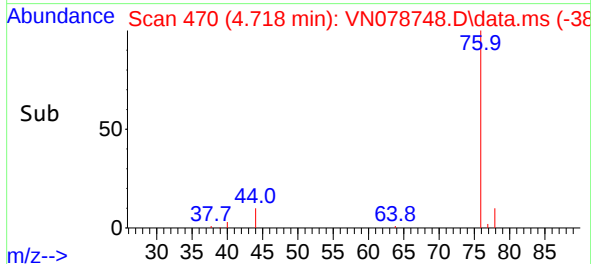
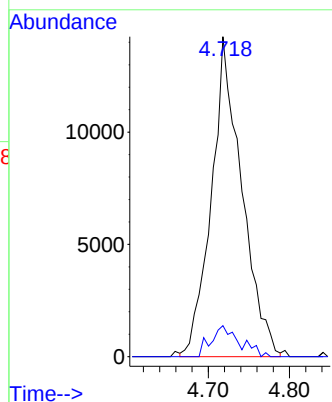
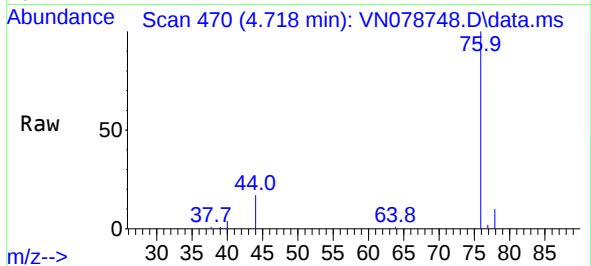




#16
Carbon Disulfide
Concen: 2.339 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

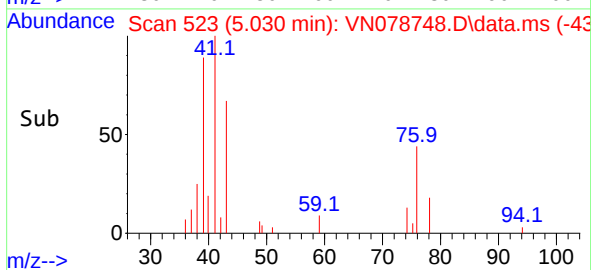
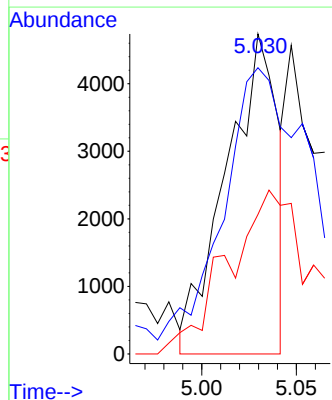
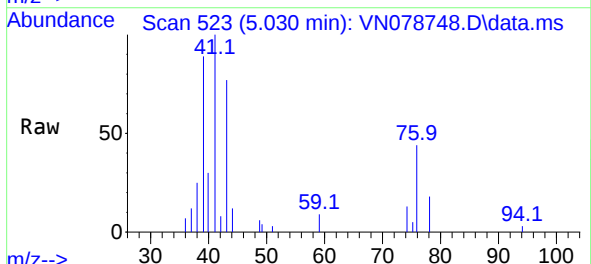
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

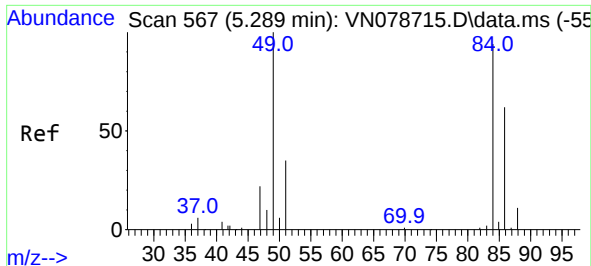
Tgt Ion: 76 Resp: 37097
Ion Ratio Lower Upper
76 100
78 9.8 7.7 11.5



#17
Allyl chloride
Concen: 1.170 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 41 Resp: 8968
Ion Ratio Lower Upper
41 100
39 81.1 37.6 112.8
76 40.0 23.8 71.4



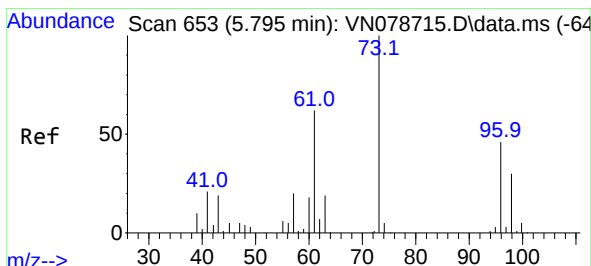
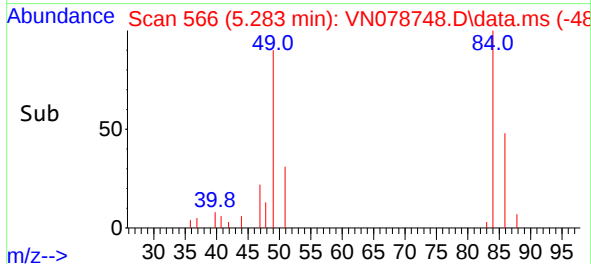
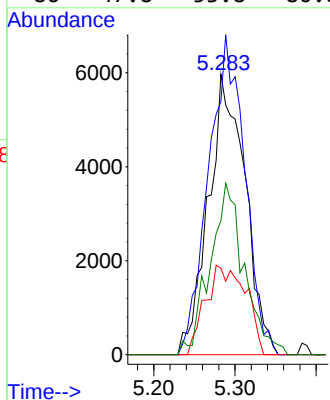
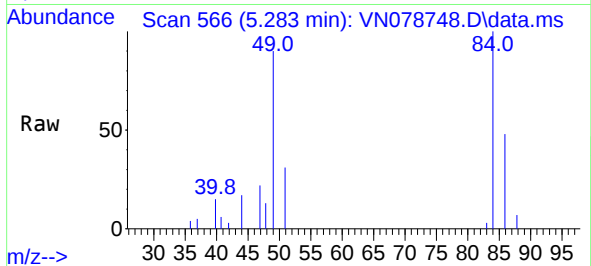


#18
Methylene Chloride
Concen: 2.779 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 84 Resp: 18722

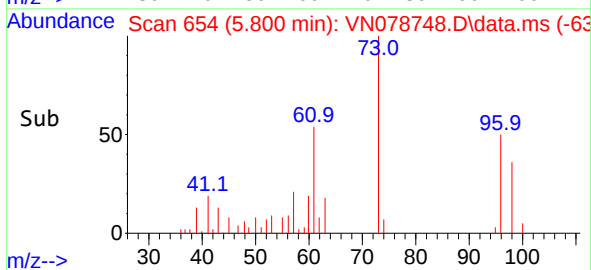
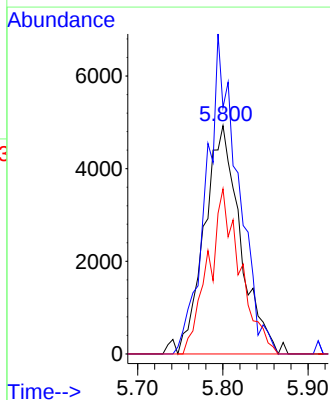
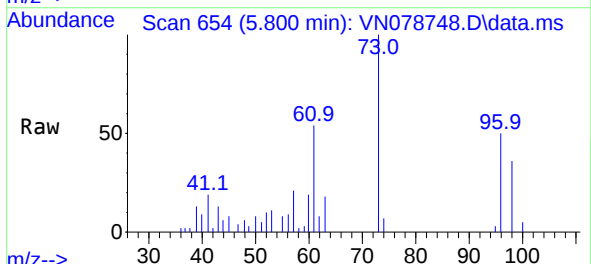
Ion	Ratio	Lower	Upper
84	100		
49	90.4	88.1	132.1
51	30.8	24.0	36.0
86	47.8	53.8	80.8#

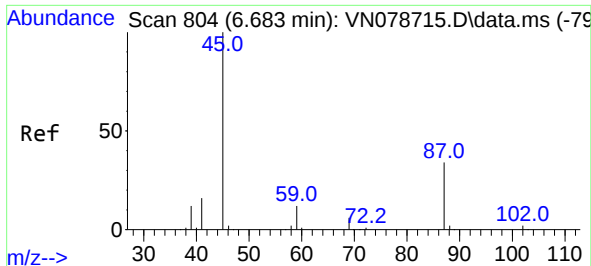


#19
trans-1,2-Dichloroethene
Concen: 2.211 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 96 Resp: 14352

Ion	Ratio	Lower	Upper
96	100		
61	107.9	105.2	157.8
98	72.3	50.5	75.7

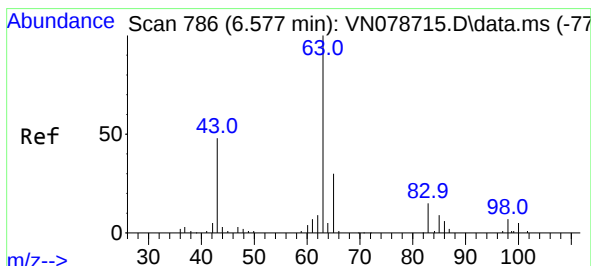
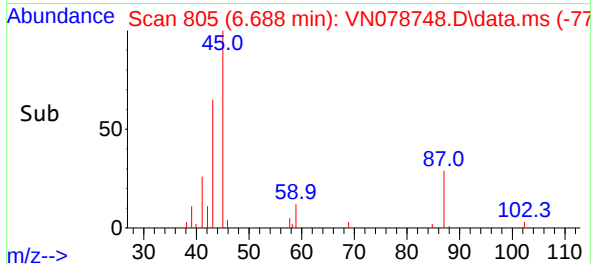
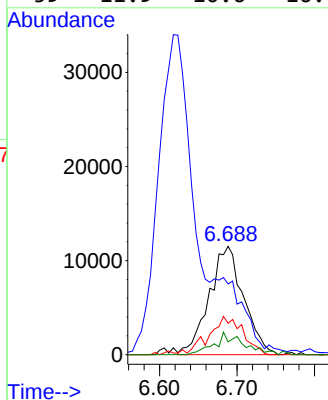
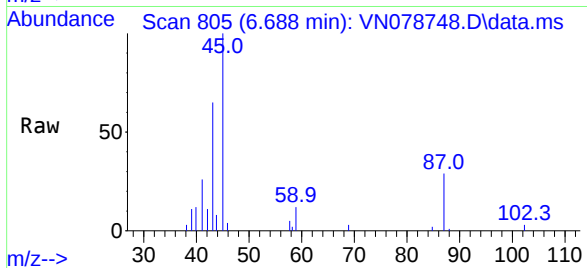




#20
Diisopropyl ether
Concen: 2.056 ug/l
RT: 6.688 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

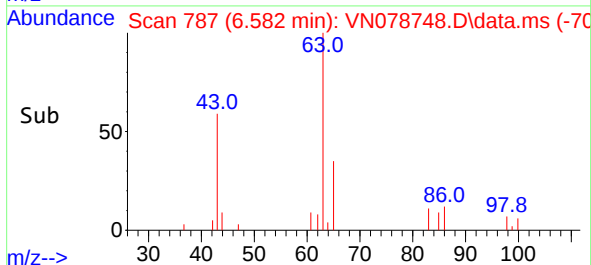
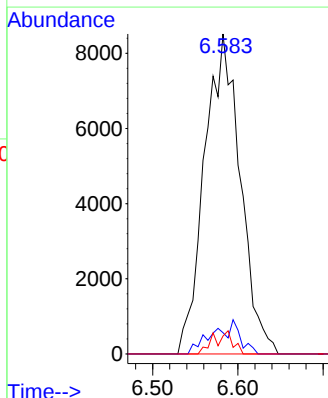
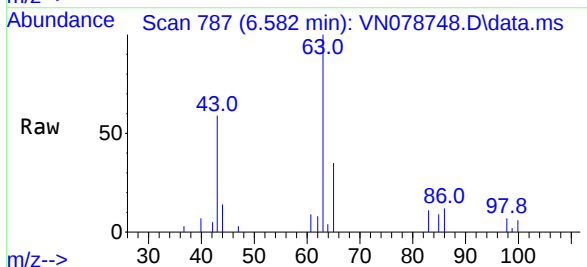
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

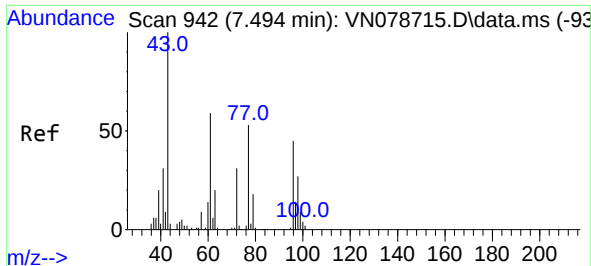
Tgt Ion:	45	Resp:	35496
Ion	Ratio	Lower	Upper
45	100		
43	60.3	43.6	65.4
87	28.9	25.8	38.6
59	11.9	10.6	16.0



#21
1,1-Dichloroethane
Concen: 2.173 ug/l
RT: 6.582 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	63	Resp:	24841
Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.7	8.1
100	5.6	2.5	7.4

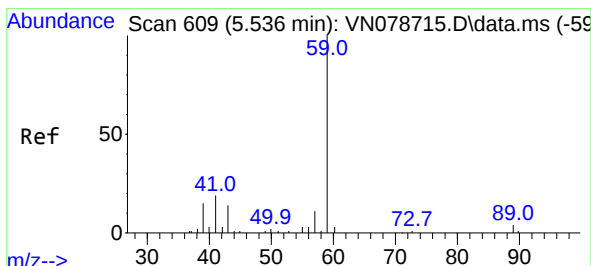
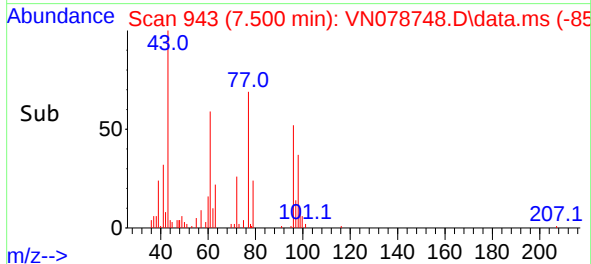
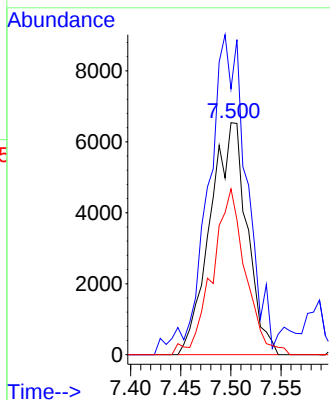
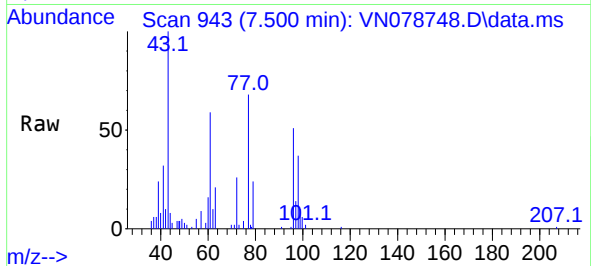




#22
 cis-1,2-Dichloroethene
 Concen: 2.301 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

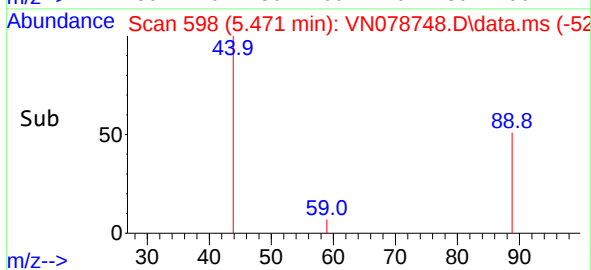
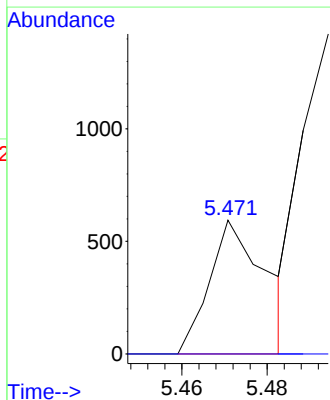
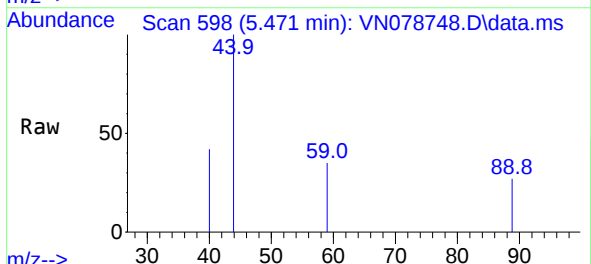
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

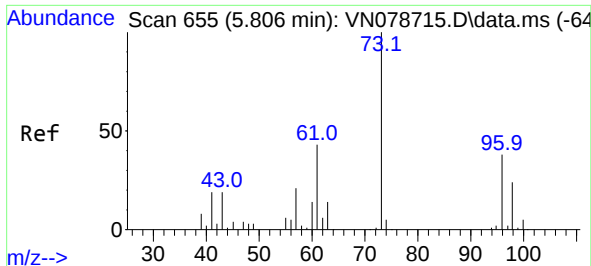
Tgt Ion: 96 Resp: 16780
 Ion Ratio Lower Upper
 96 100
 61 78.8 113.8 170.6#
 98 62.4 52.2 78.4



#23
 tert-Butyl Alcohol
 Concen: 0.506 ug/l
 RT: 5.471 min Scan# 598
 Delta R.T. -0.065 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Tgt Ion: 59 Resp: 551
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

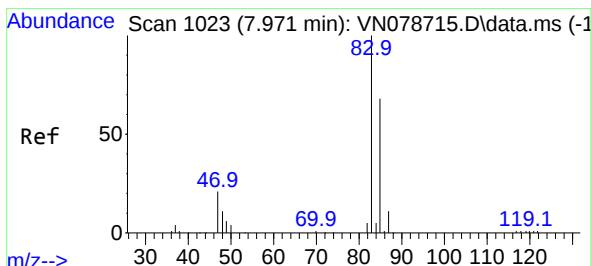
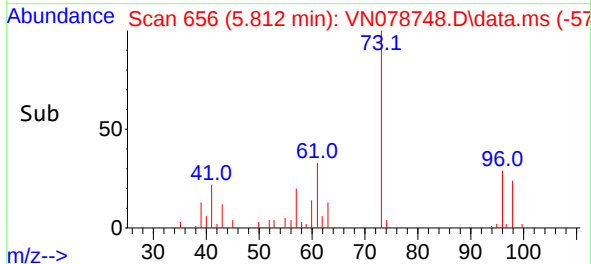
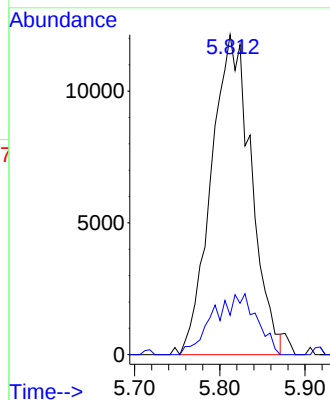
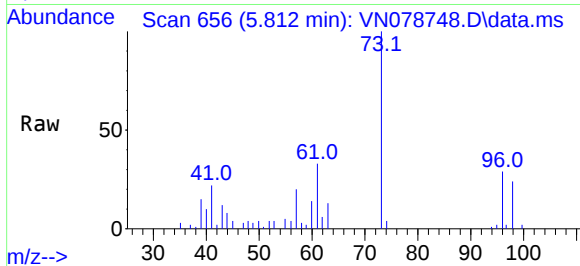




#24
Methyl tert-Butyl Ether
Concen: 2.095 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

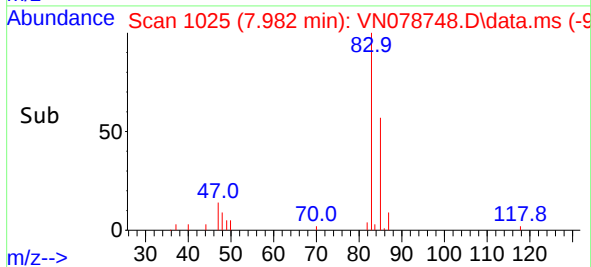
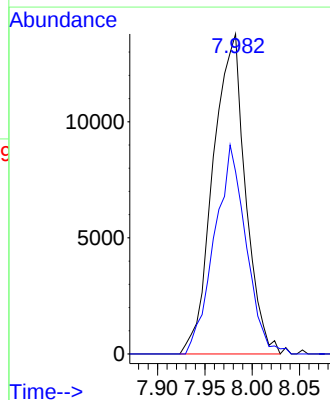
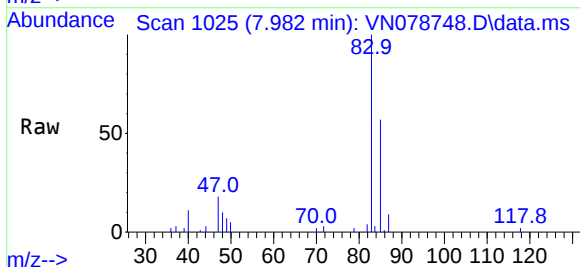
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

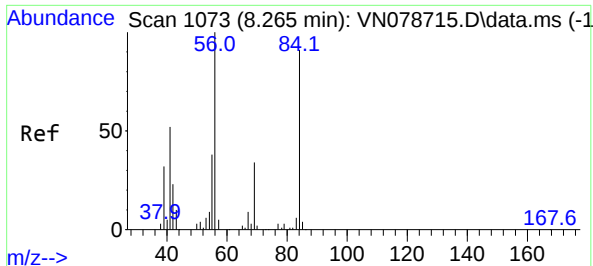
Tgt Ion: 73 Resp: 39559
Ion Ratio Lower Upper
73 100
43 11.2 14.5 21.7#



#25
Chloroform
Concen: 2.705 ug/l
RT: 7.982 min Scan# 1025
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 83 Resp: 32735
Ion Ratio Lower Upper
83 100
85 55.2 53.4 80.0

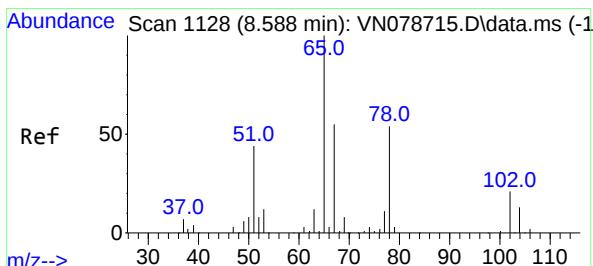
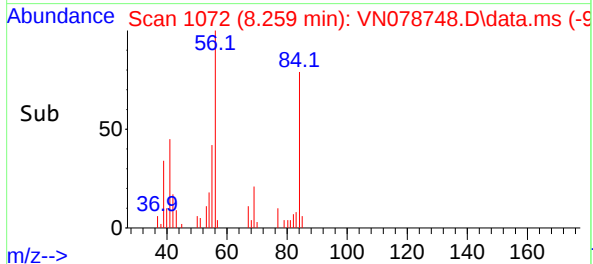
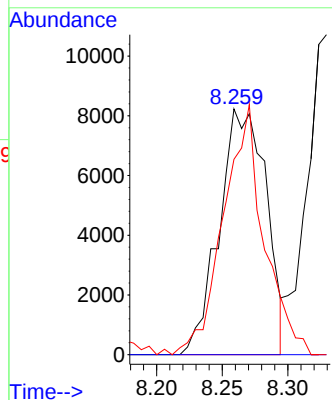
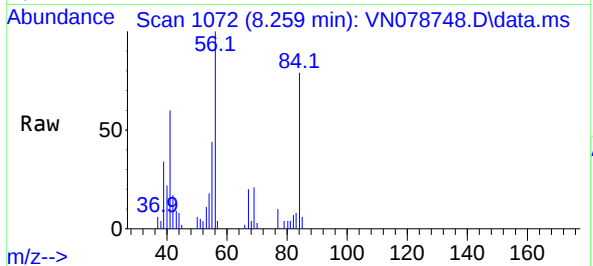




#26
Cyclohexane
Concen: 2.437 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

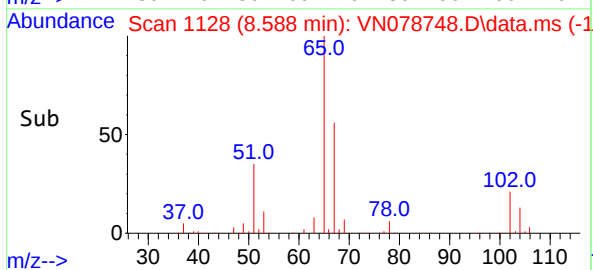
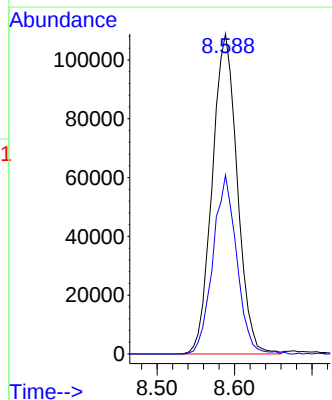
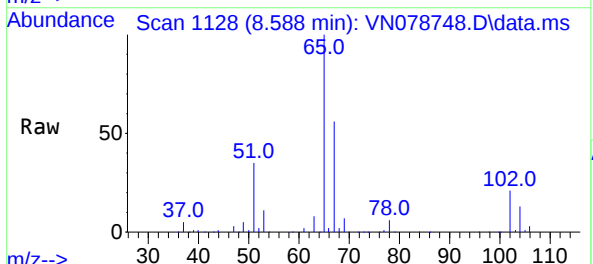
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

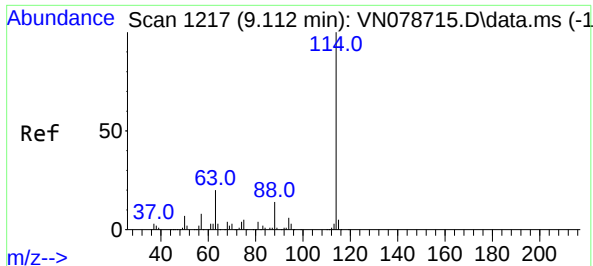
Tgt Ion: 56 Resp: 20517
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 74.2 111.4



#27
1,2-Dichloroethane-d4
Concen: 32.286 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 65 Resp: 243923
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

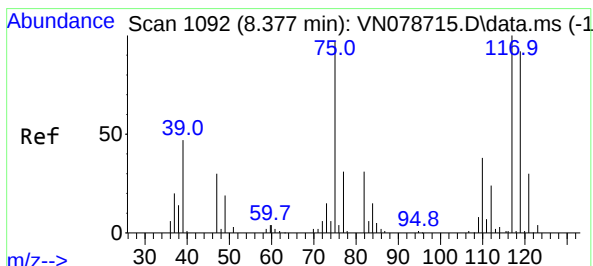
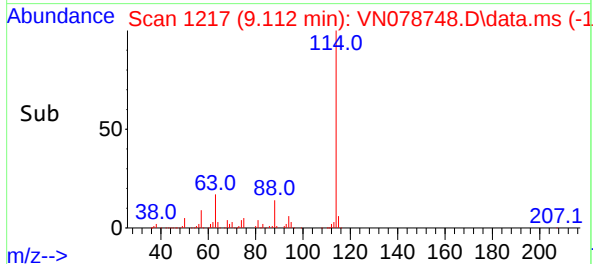
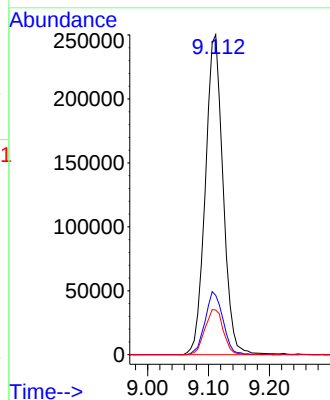
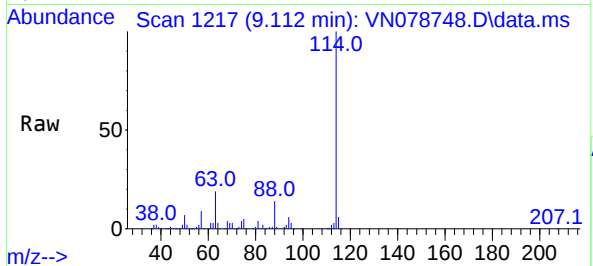
Tgt Ion:114 Resp: 504819

Ion Ratio Lower Upper

114 100

63 19.9 15.2 22.8

88 14.7 12.5 18.7



#29

1,1-Dichloropropene

Concen: 2.949 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

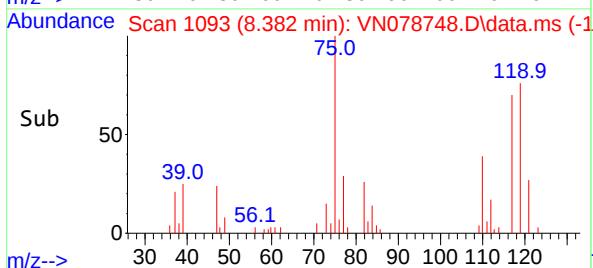
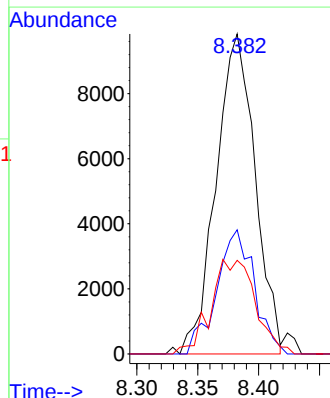
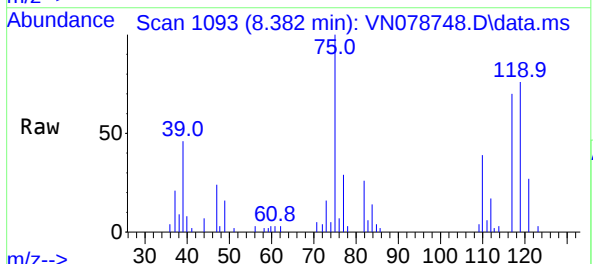
Tgt Ion: 75 Resp: 21907

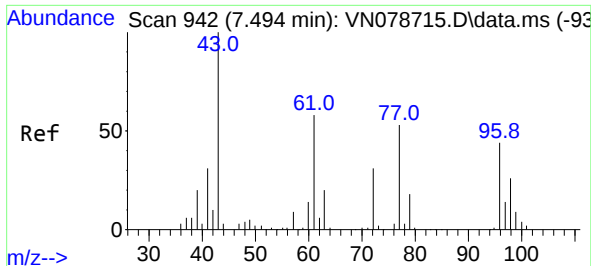
Ion Ratio Lower Upper

75 100

110 33.4 0.0 72.2

77 13.4 0.0 62.8

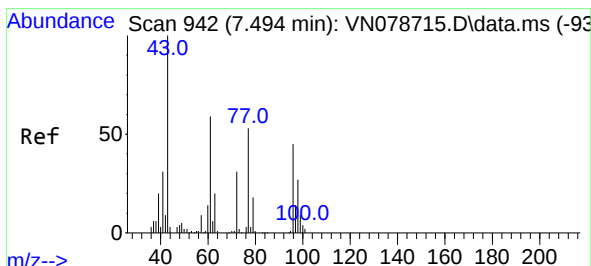
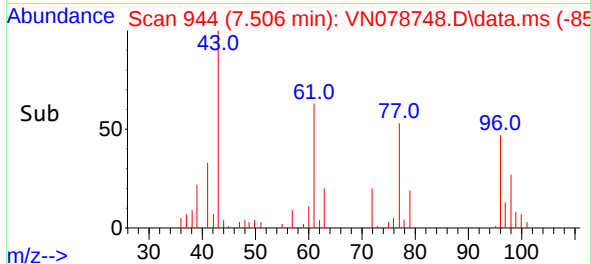
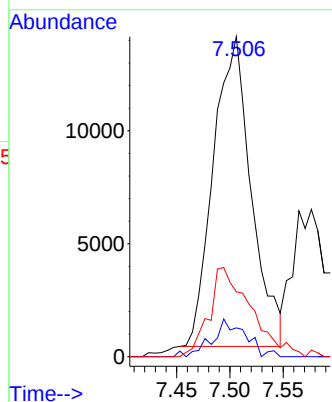
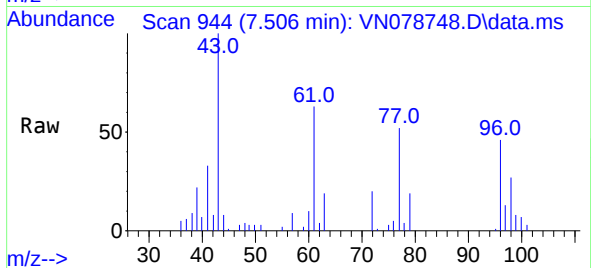




#30
2-Butanone
Concen: 11.550 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

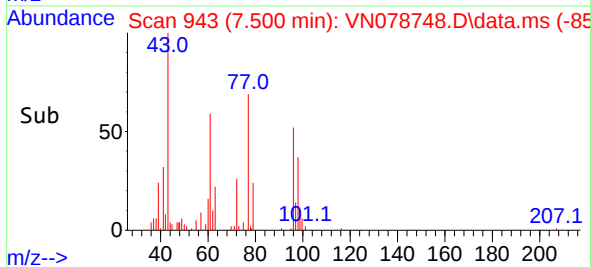
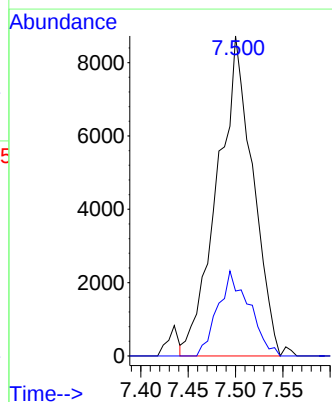
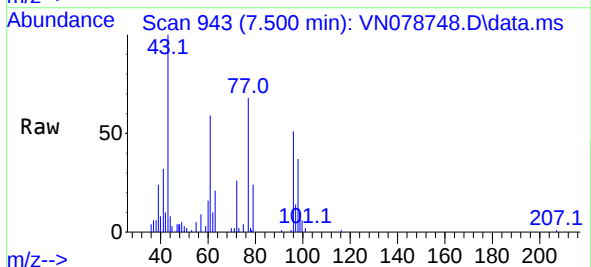
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

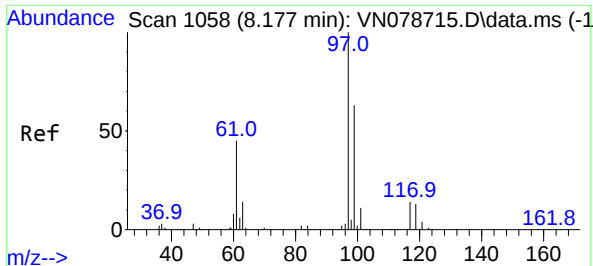
Tgt Ion: 43 Resp: 33914
Ion Ratio Lower Upper
43 100
57 2.1 6.8 10.2#
72 30.5 23.8 35.6



#31
2,2-Dichloropropane
Concen: 2.662 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 77 Resp: 22689
Ion Ratio Lower Upper
77 100
97 23.6 18.8 28.2

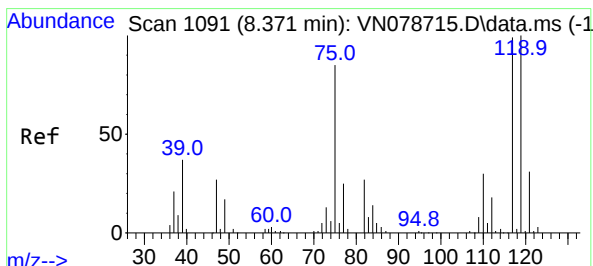
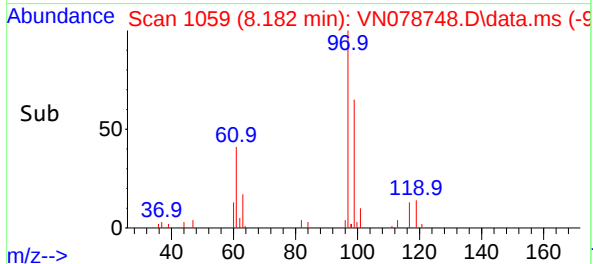
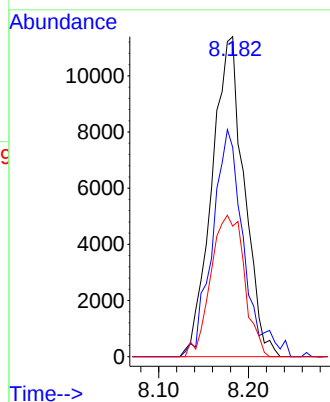
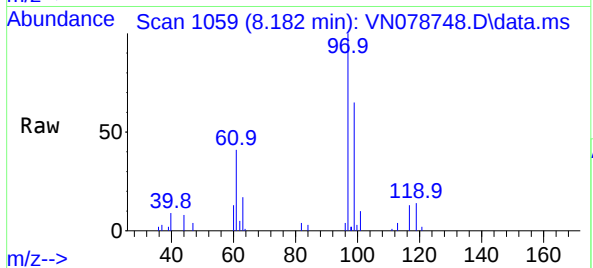




#32
1,1,1-Trichloroethane
Concen: 3.036 ug/l
RT: 8.182 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

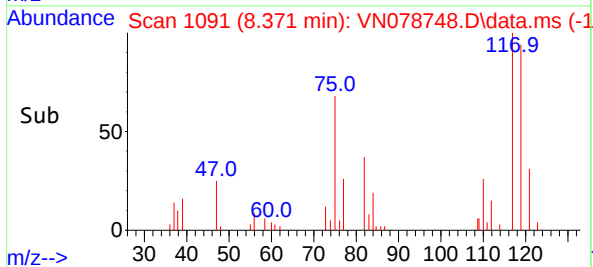
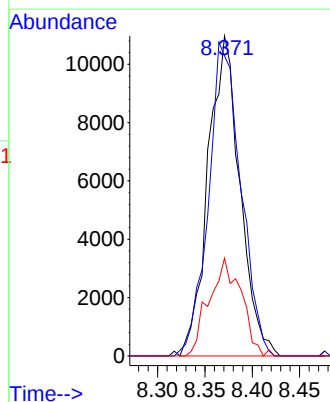
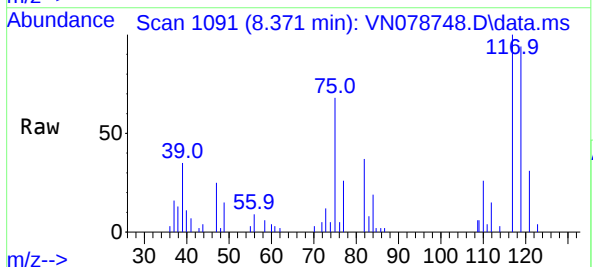
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

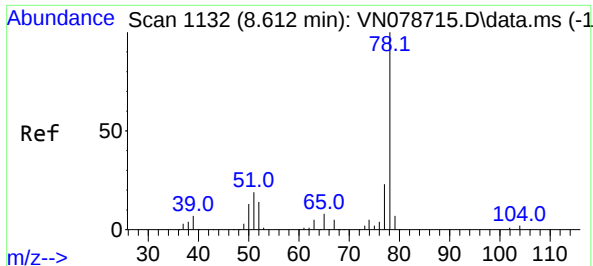
Tgt Ion: 97	Resp: 28531
Ion Ratio	Lower Upper
97 100	
99 63.4	51.3 76.9
61 45.9	34.6 52.0



#33
Carbon Tetrachloride
Concen: 3.068 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 117	Resp: 25611
Ion Ratio	Lower Upper
117 100	
119 93.8	81.4 122.0
121 30.5	23.6 35.4





#34

Benzene

Concen: 2.850 ug/l

RT: 8.618 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

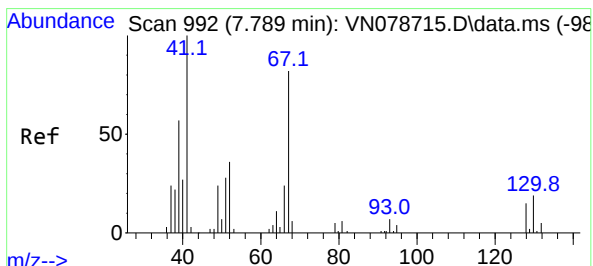
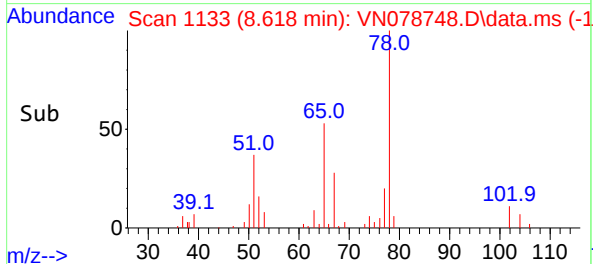
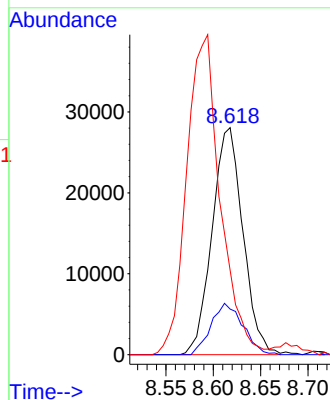
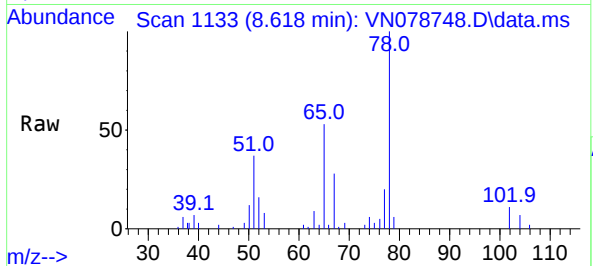
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 78	Resp: 63592
Ion Ratio	Lower Upper
78	100
77	20.1 18.3 27.5
51	33.8 13.7 20.5#



#35

Methacrylonitrile

Concen: 2.804 ug/l

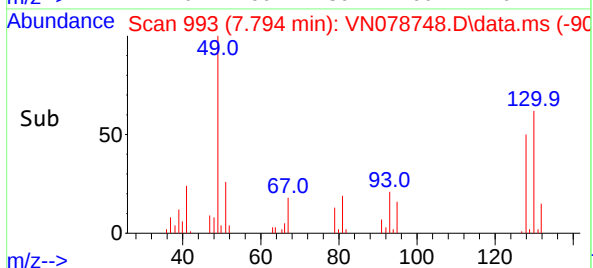
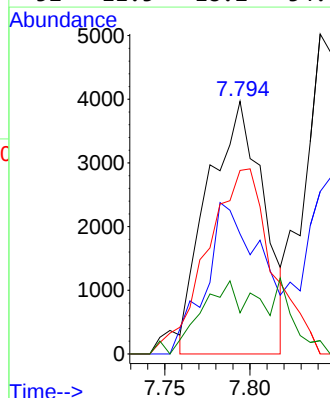
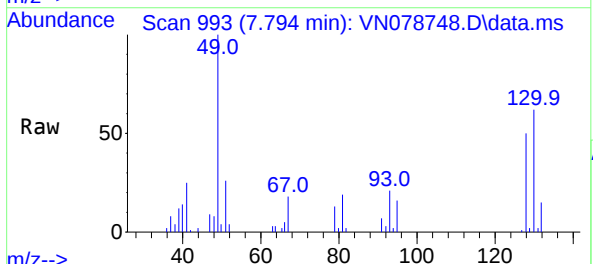
RT: 7.794 min Scan# 993

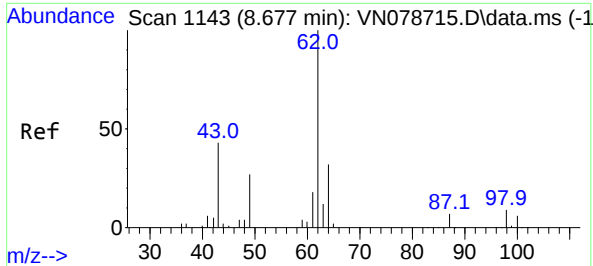
Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Tgt Ion: 41	Resp: 9043
Ion Ratio	Lower Upper
41	100
39	40.7 33.9 101.6
67	67.0 45.9 137.6
52	11.5 18.2 54.6#

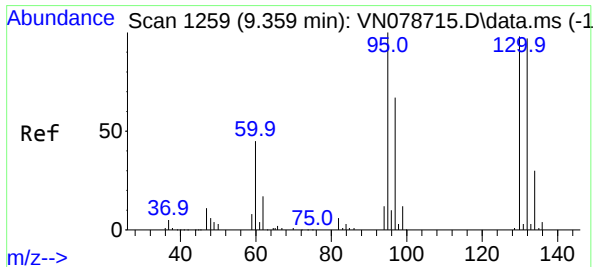
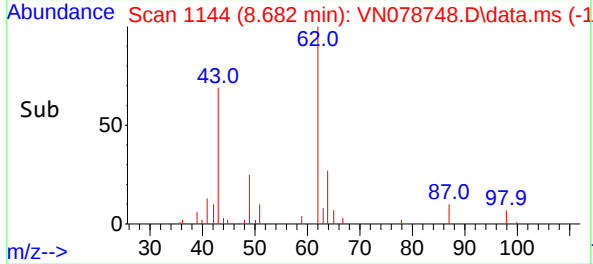
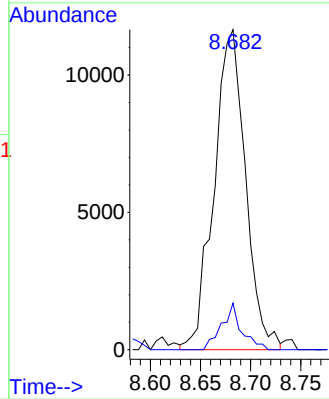
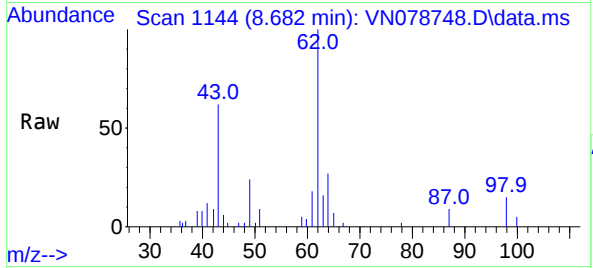




#36
1,2-Dichloroethane
Concen: 3.243 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

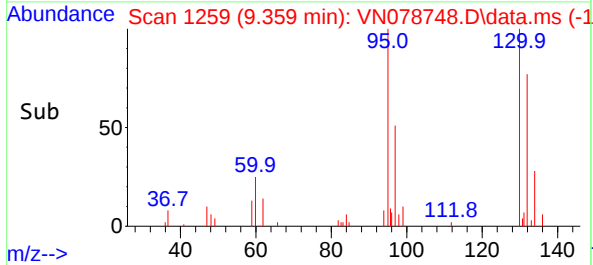
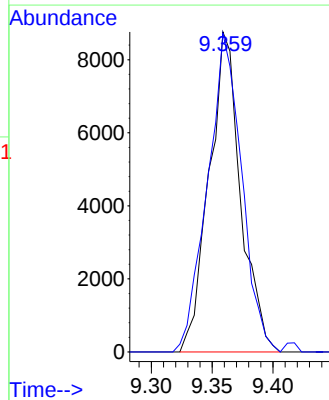
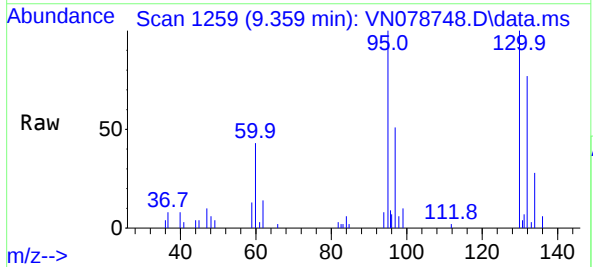
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

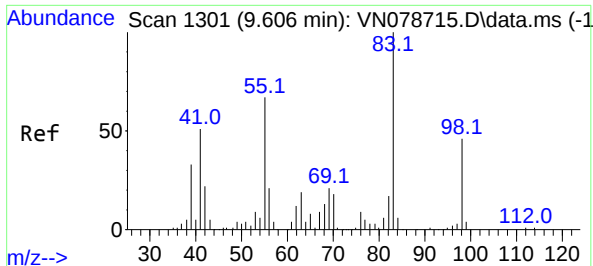
Tgt Ion: 62 Resp: 25416
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0



#37
Trichloroethene
Concen: 2.532 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:130 Resp: 15855
Ion Ratio Lower Upper
130 100
95 99.6 78.2 117.4

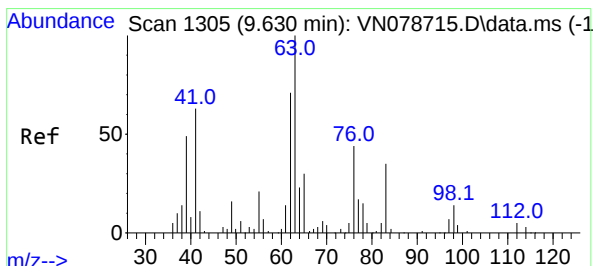
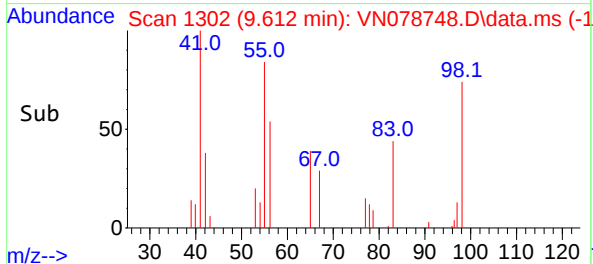
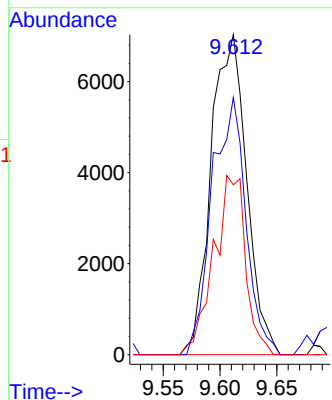
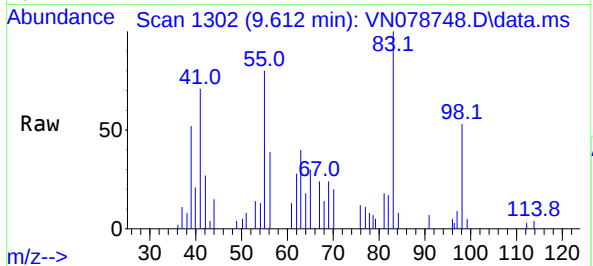




#38
Methylcyclohexane
Concen: 2.002 ug/l
RT: 9.612 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

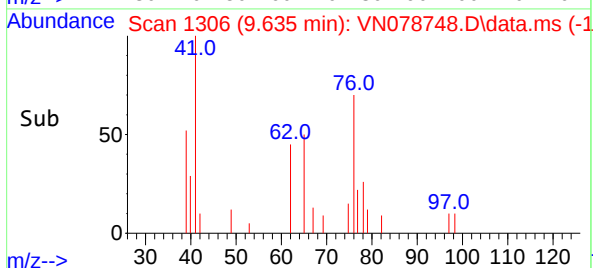
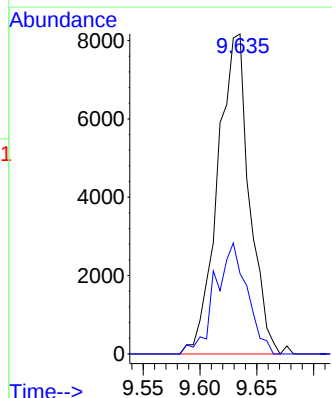
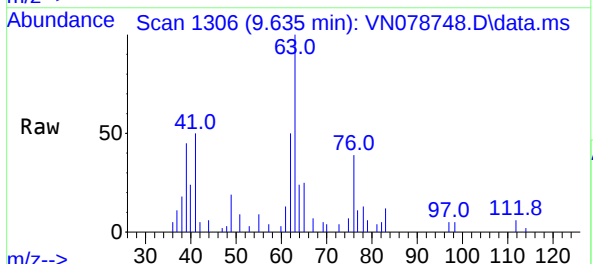
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

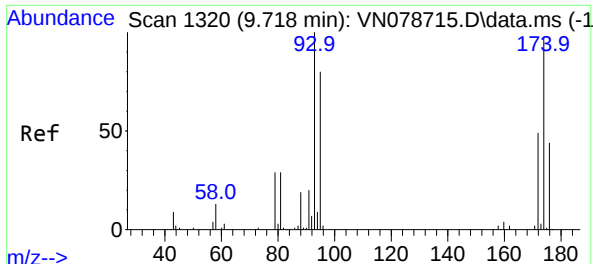
Tgt Ion: 83	Resp: 15281
Ion Ratio	Lower Upper
83 100	
55 47.2	34.0 102.0
98 50.1	23.0 69.0



#39
1,2-Dichloropropane
Concen: 2.655 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 63	Resp: 15883		
Ion Ratio	Lower	Upper	
63 100			
65 25.1	27.4	41.2#	

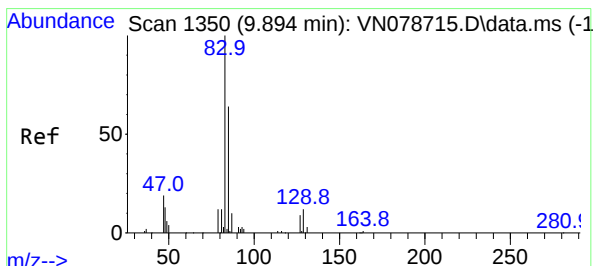
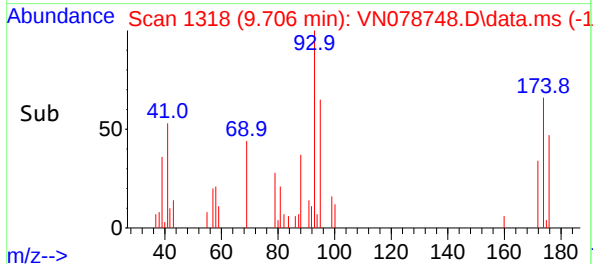
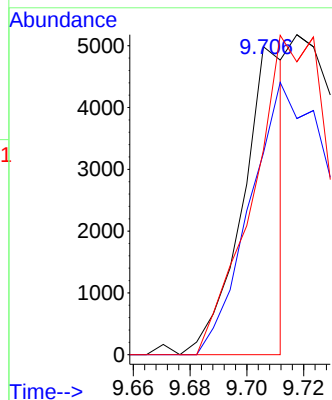
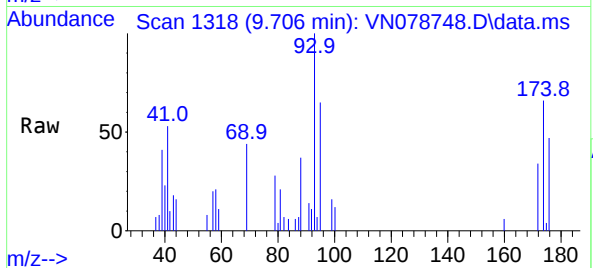




#40
Dibromomethane
Concen: 1.261 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

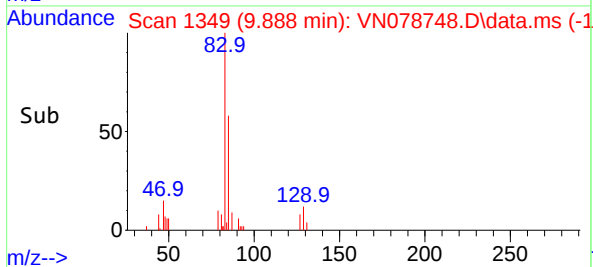
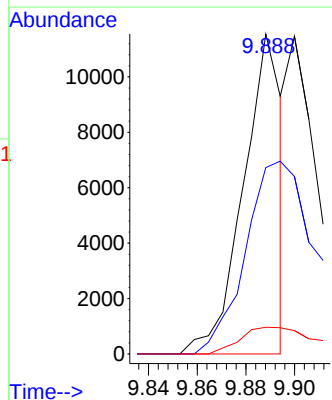
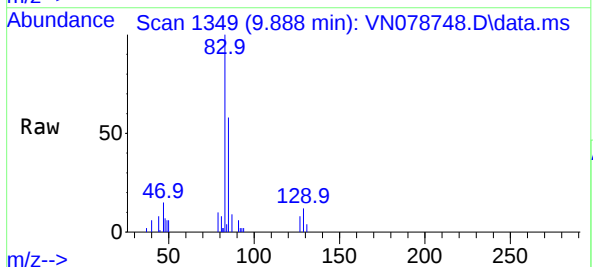
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

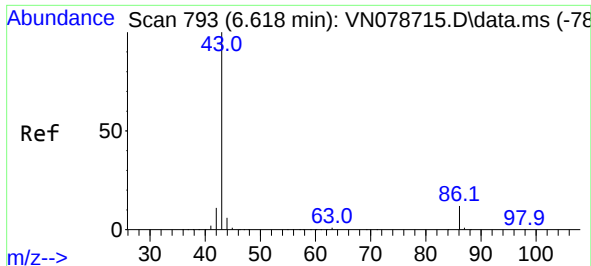
Tgt Ion: 93 Resp: 5219
Ion Ratio Lower Upper
93 100
95 166.3 0.0 167.8
174 201.5 0.0 180.8#



#41
Bromodichloromethane
Concen: 1.544 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 83 Resp: 12778
Ion Ratio Lower Upper
83 100
85 58.3 54.1 81.1
127 8.3 7.8 11.6

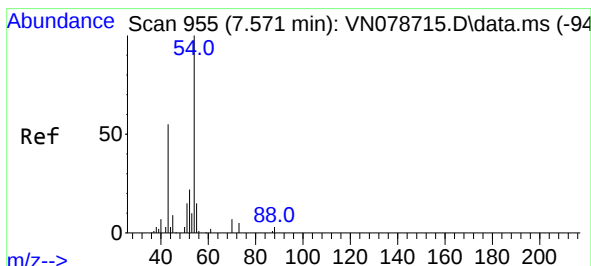
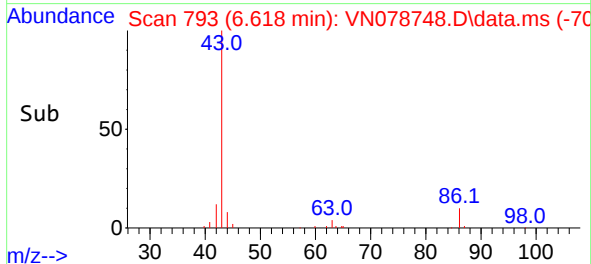
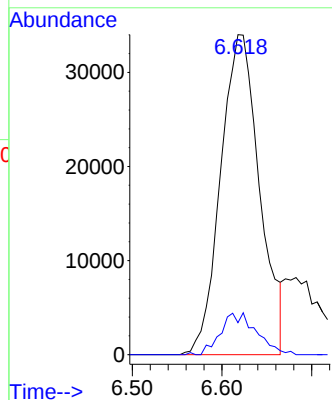
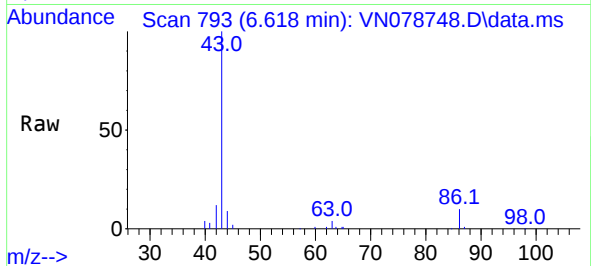




#42
 Vinyl Acetate
 Concen: 10.881 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

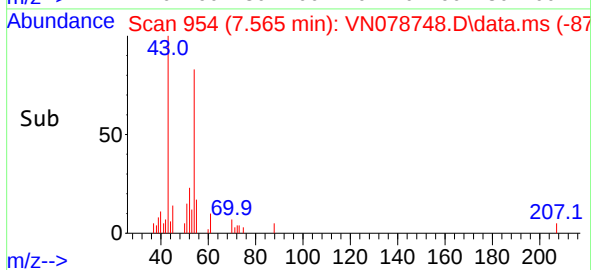
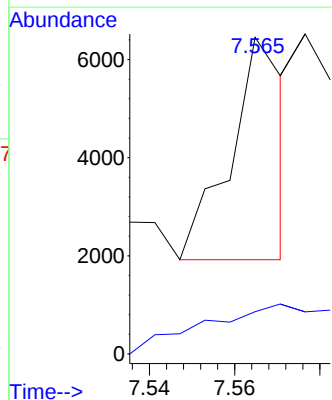
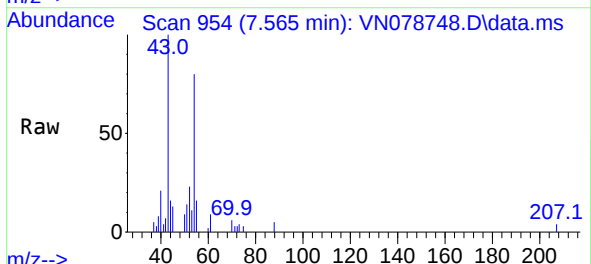
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

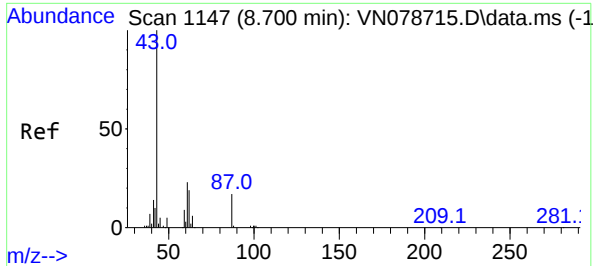
Tgt Ion: 43 Resp: 102723
 Ion Ratio Lower Upper
 43 100
 86 6.1 9.4 14.0#



#43
 Ethyl Acetate
 Concen: 0.660 ug/l
 RT: 7.565 min Scan# 954
 Delta R.T. -0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Tgt Ion: 43 Resp: 4004
 Ion Ratio Lower Upper
 43 100
 45 55.5 10.9 16.3#

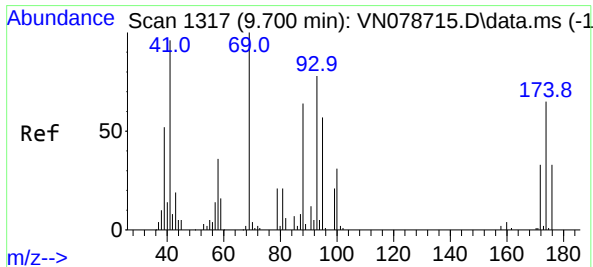
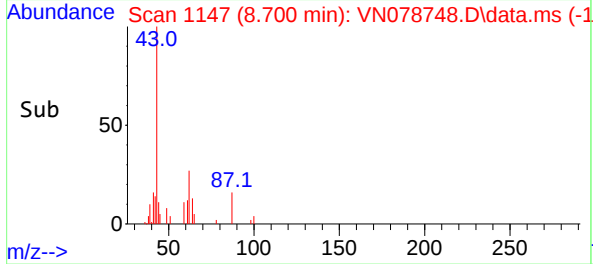
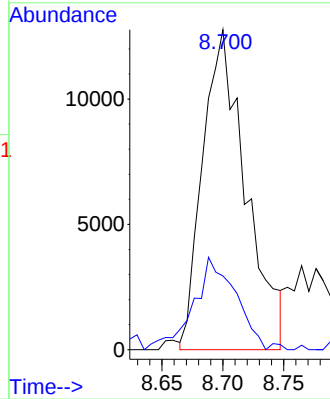
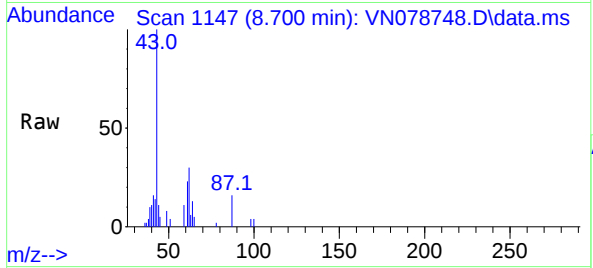




#44
Isopropyl Acetate
Concen: 2.954 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

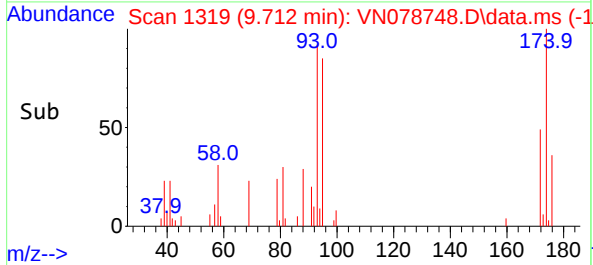
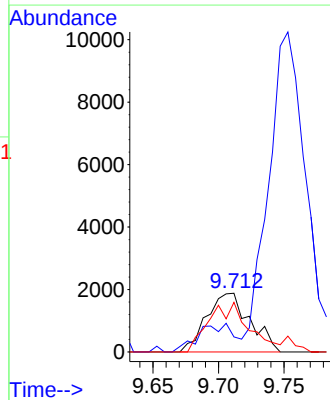
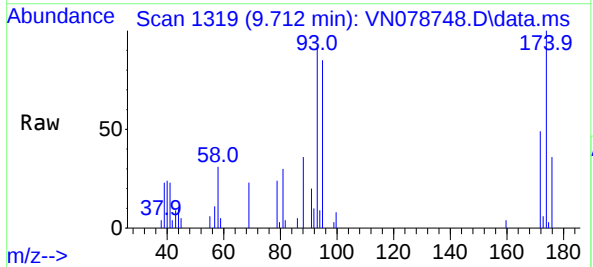
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

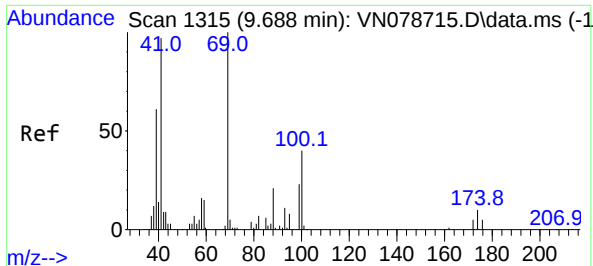
Tgt Ion: 43 Resp: 31459
Ion Ratio Lower Upper
43 100
61 28.2 23.0 34.6



#45
1,4-Dioxane
Concen: 44.155 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 88 Resp: 4326
Ion Ratio Lower Upper
88 100
43 10.0 19.0 28.6#
58 39.5 48.2 72.2#





#46

Methyl methacrylate

Concen: 2.502 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

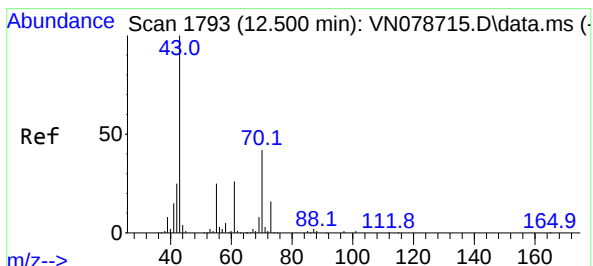
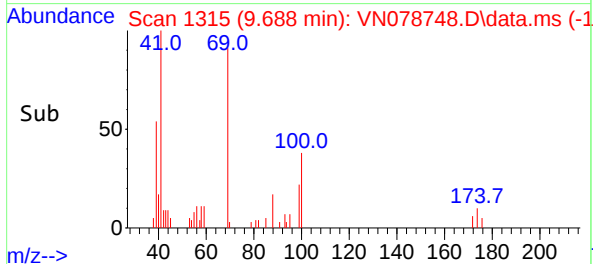
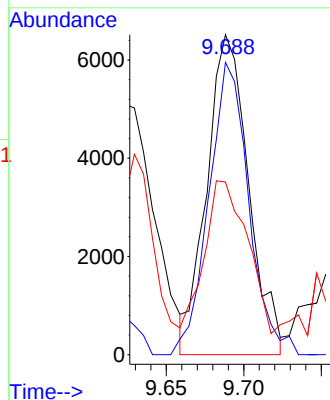
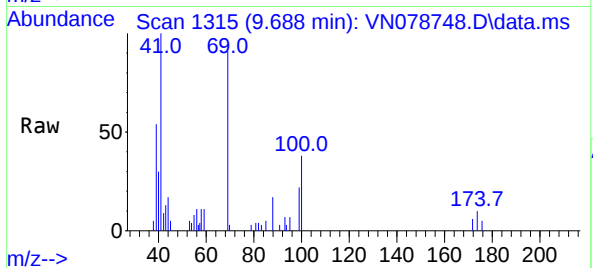
Tgt Ion: 41 Resp: 12205

Ion Ratio Lower Upper

41 100

69 91.9 49.0 147.0

39 48.2 31.6 94.8



#47

n-amy1 Acetate

Concen: 1.801 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078748.D

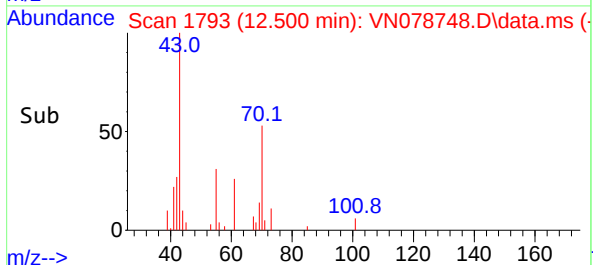
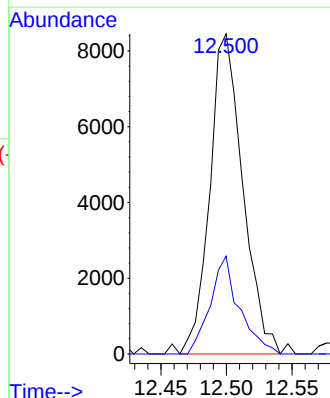
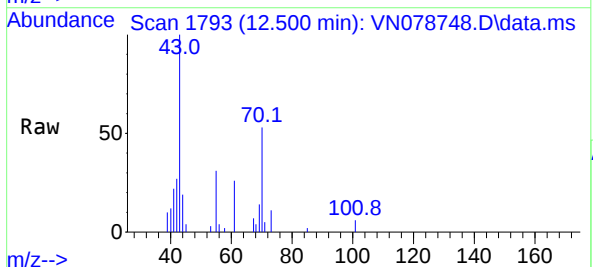
Acq: 03 Aug 2023 13:19

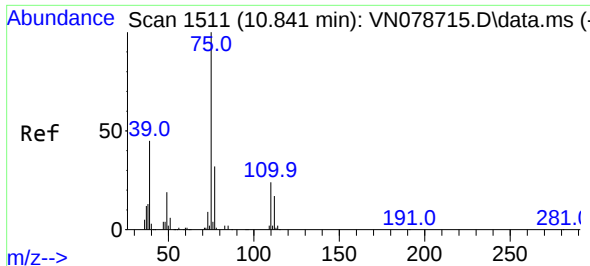
Tgt Ion: 43 Resp: 14775

Ion Ratio Lower Upper

43 100

55 27.0 21.5 32.3

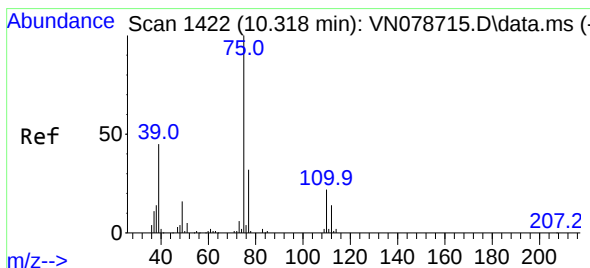
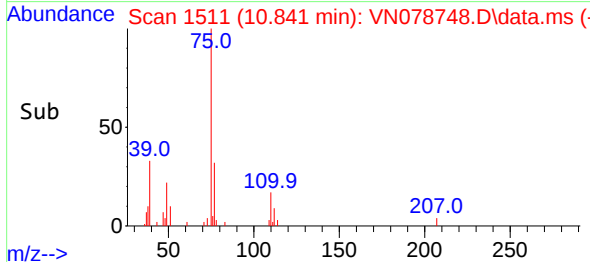
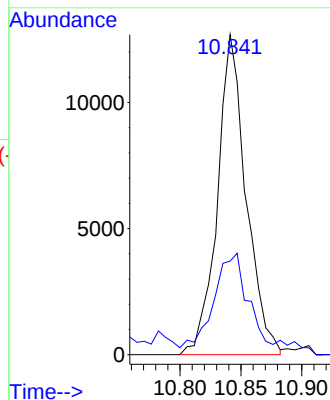
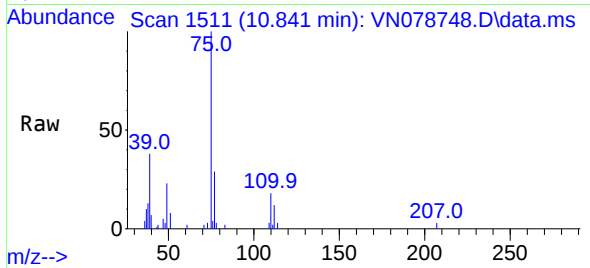




#48
t-1,3-Dichloropropene
Concen: 2.361 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

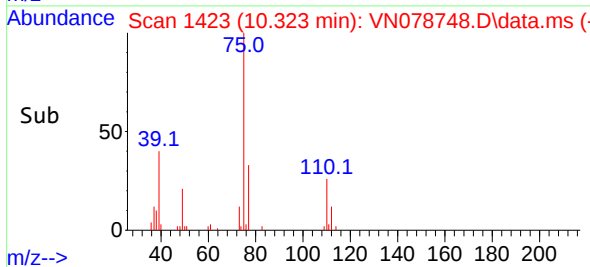
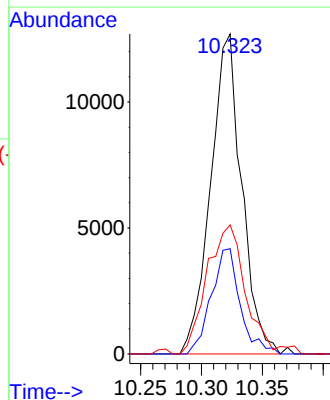
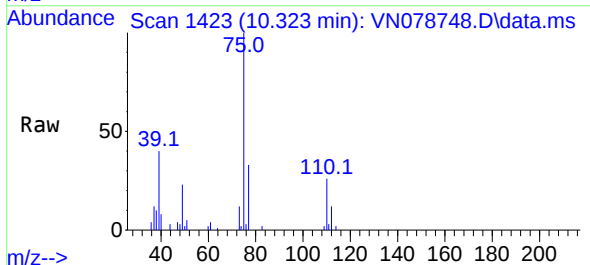
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

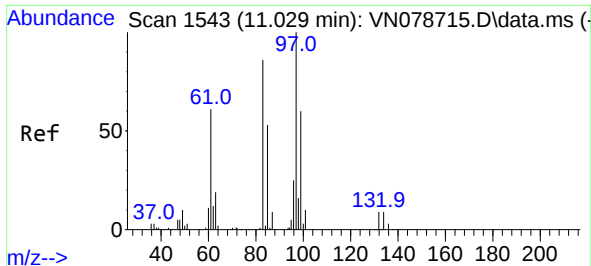
Tgt Ion: 75 Resp: 20856
Ion Ratio Lower Upper
75 100
77 27.1 26.1 39.1



#49
cis-1,3-Dichloropropene
Concen: 2.396 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 75 Resp: 22482
Ion Ratio Lower Upper
75 100
77 32.9 24.0 36.0
39 40.4 35.1 52.7

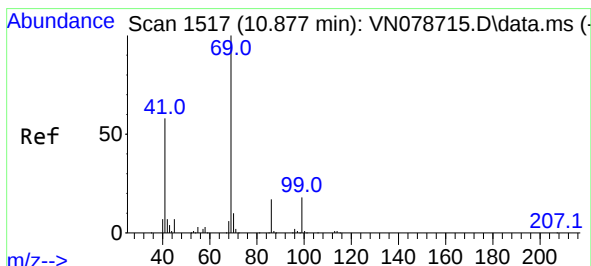
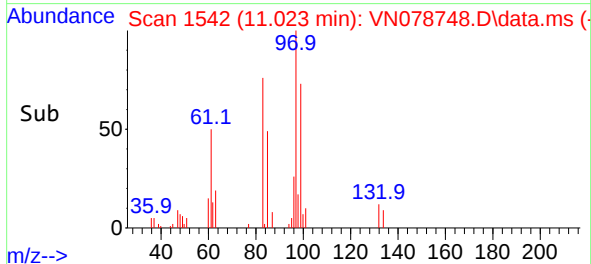
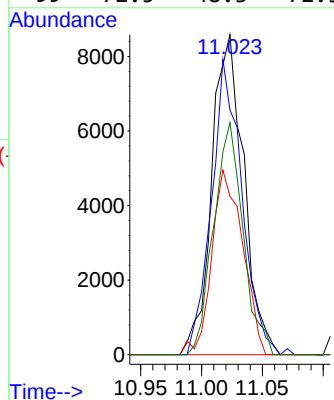
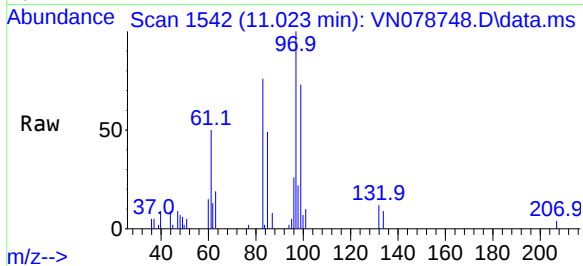




#50
1,1,2-Trichloroethane
Concen: 2.681 ug/l
RT: 11.023 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

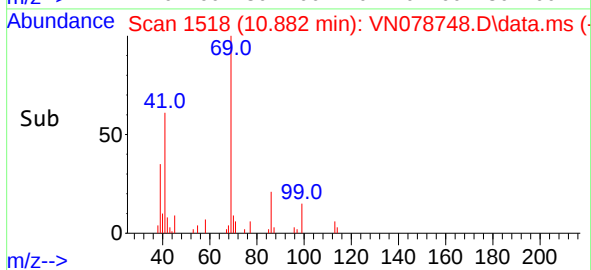
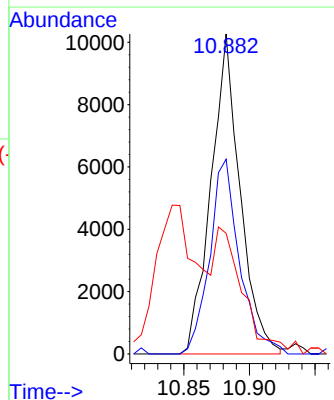
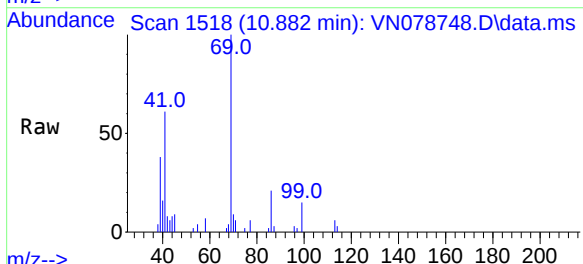
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

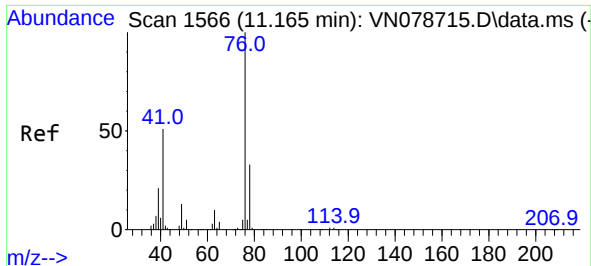
Tgt Ion:	97	Resp:	15709
Ion	Ratio	Lower	Upper
97	100		
83	76.5	66.8	100.2
85	49.5	42.5	63.7
99	72.5	48.3	72.5#



#51
Ethyl methacrylate
Concen: 1.979 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	69	Resp:	15876
Ion	Ratio	Lower	Upper
69	100		
41	60.8	26.0	78.0
39	34.0	16.3	48.9

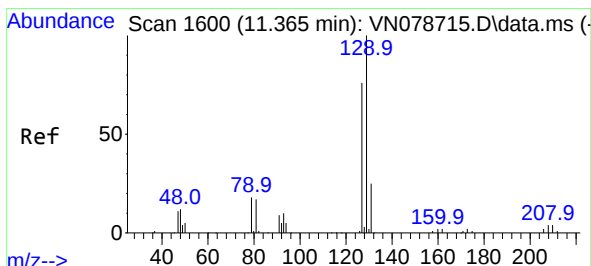
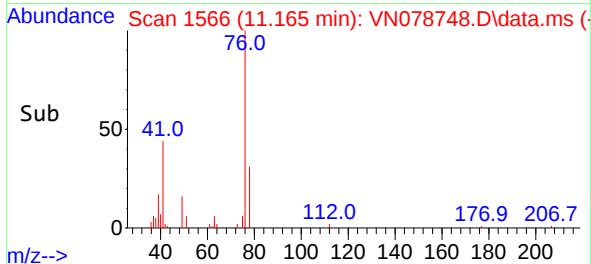
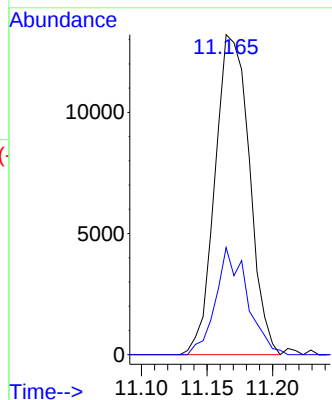
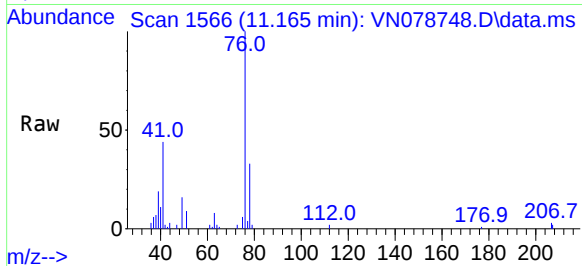




#52
1,3-Dichloropropane
Concen: 2.286 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

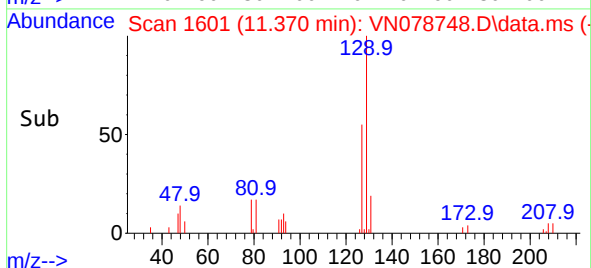
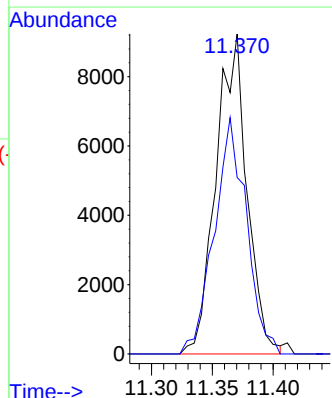
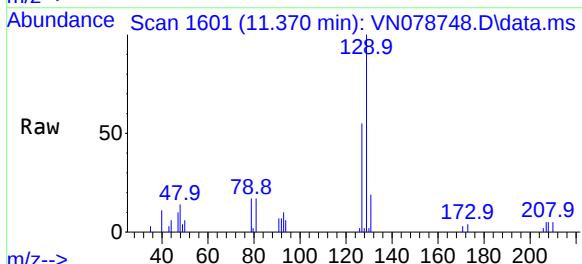
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

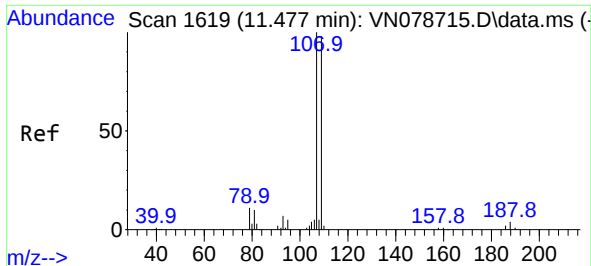
Tgt Ion: 76 Resp: 24076
Ion Ratio Lower Upper
76 100
78 30.8 0.0 66.2



#53
Dibromochloromethane
Concen: 2.478 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 129 Resp: 16407
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.1

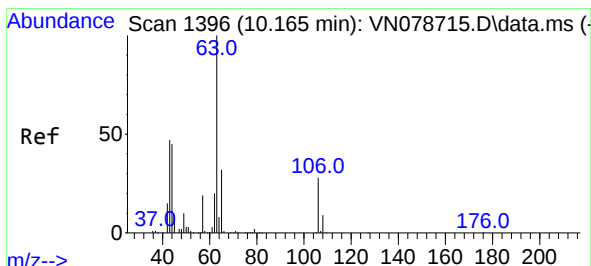
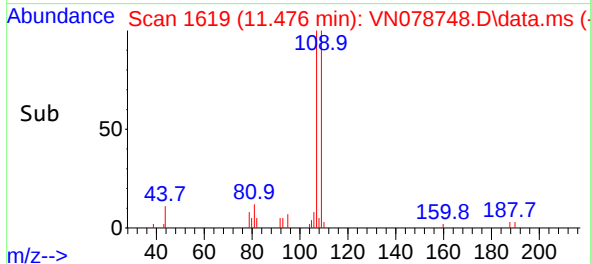
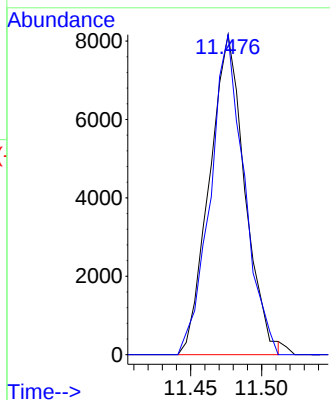
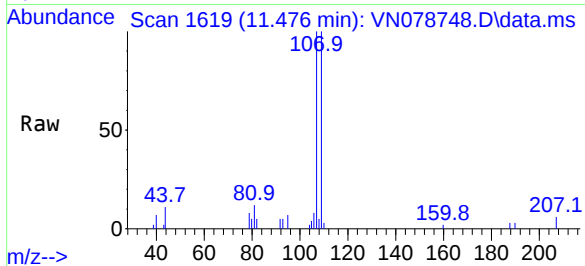




#54
1,2-Dibromoethane
Concen: 2.409 ug/l
RT: 11.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

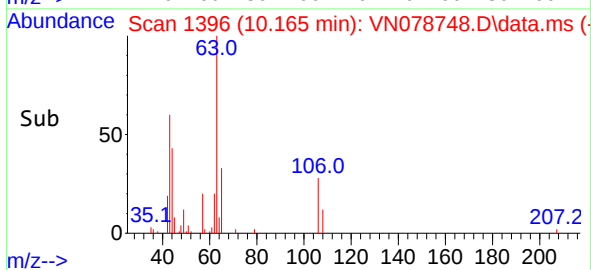
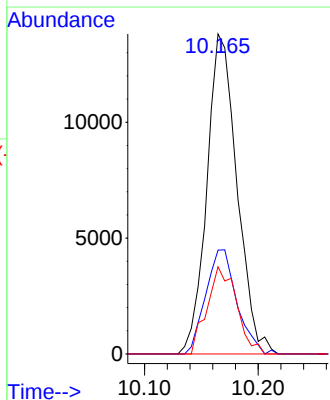
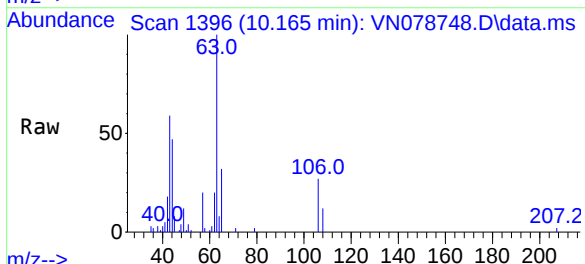
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

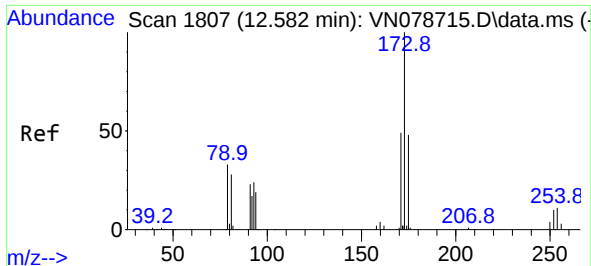
Tgt Ion:107 Resp: 14176
Ion Ratio Lower Upper
107 100
109 95.3 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 9.972 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 63 Resp: 25494
Ion Ratio Lower Upper
63 100
65 33.4 26.3 39.5
106 26.7 23.8 35.6

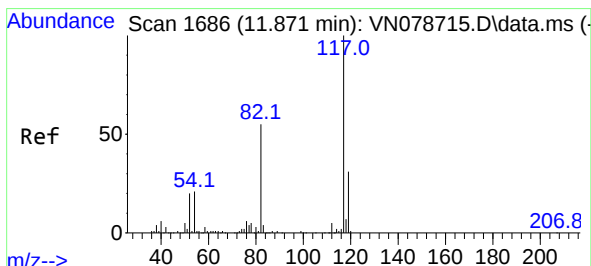
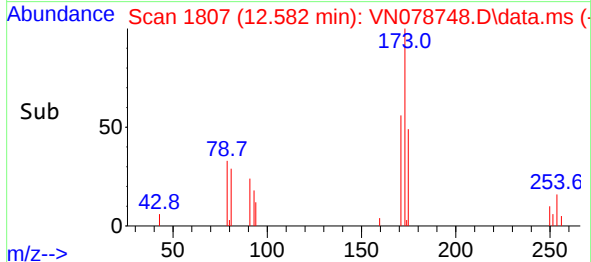
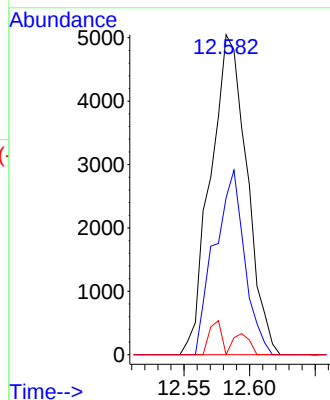
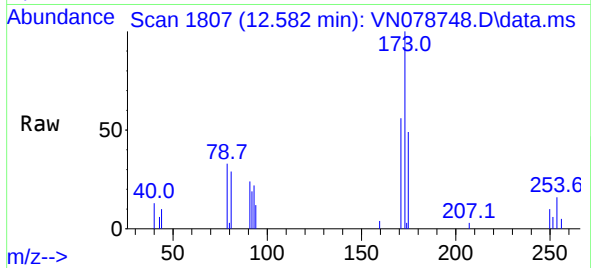




#56
Bromoform
Concen: 2.246 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

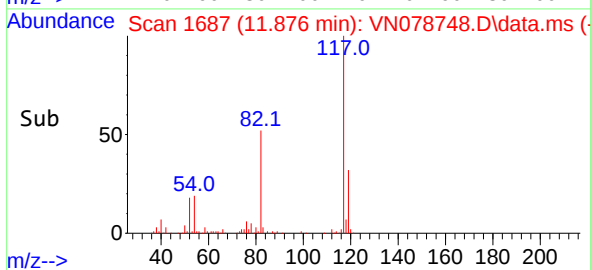
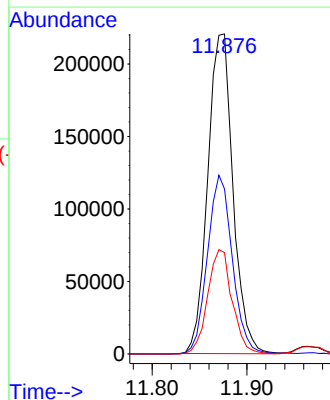
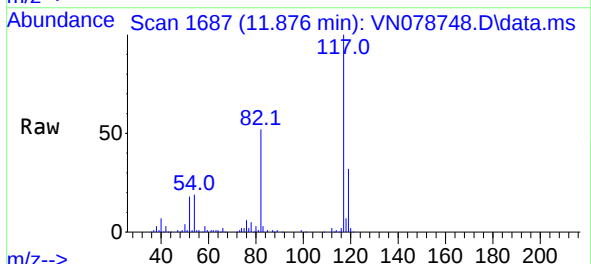
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

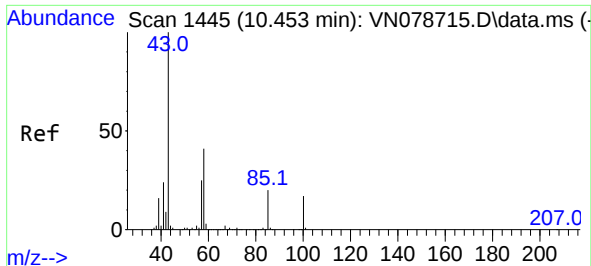
Tgt Ion:	173	Resp:	9729
Ion	Ratio	Lower	Upper
173	100		
175	47.7	40.7	61.1
254	3.0	6.5	9.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

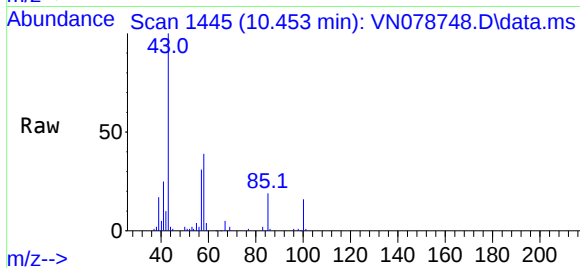
Tgt Ion:	117	Resp:	409258
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	31.7	26.2	39.4



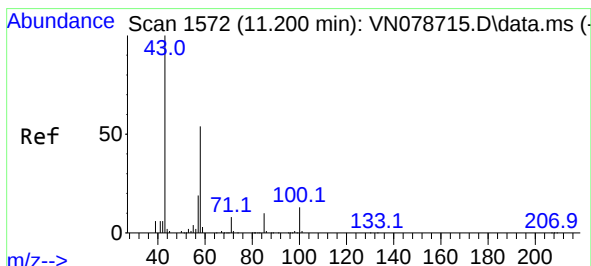
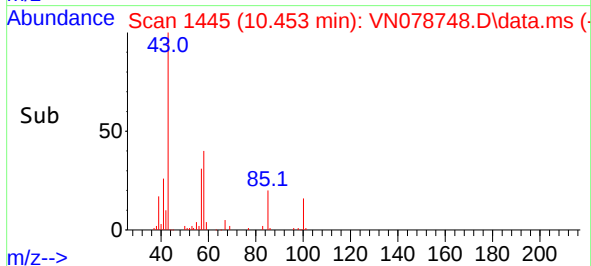
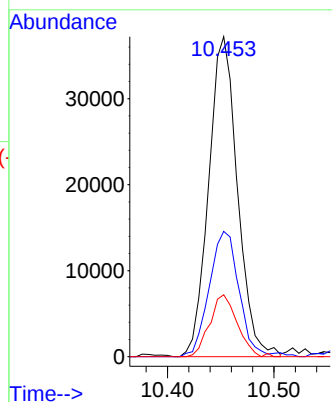


#58
4-Methyl-2-Pentanone
Concen: 11.415 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

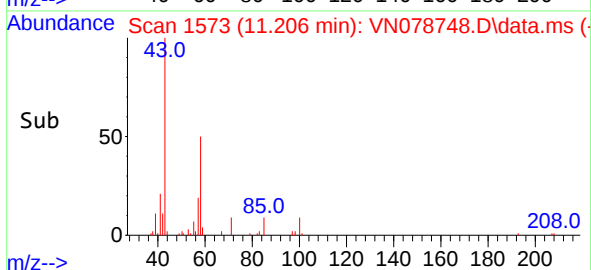
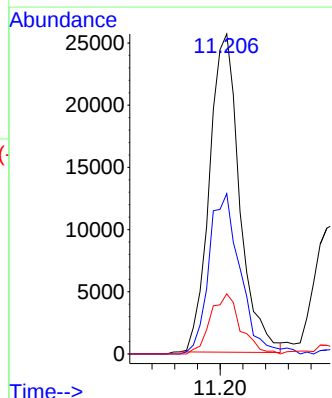
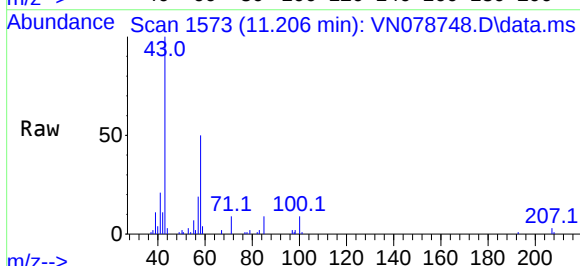


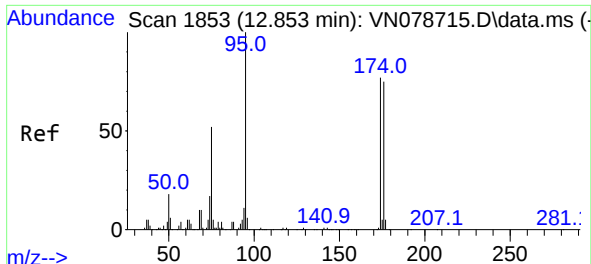
Tgt Ion:	43	Resp:	69927
Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.6	48.8
85	18.4	16.2	24.2



#59
2-Hexanone
Concen: 10.181 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	43	Resp:	47223
Ion	Ratio	Lower	Upper
43	100		
58	51.7	45.9	68.9
57	18.8	15.8	23.6



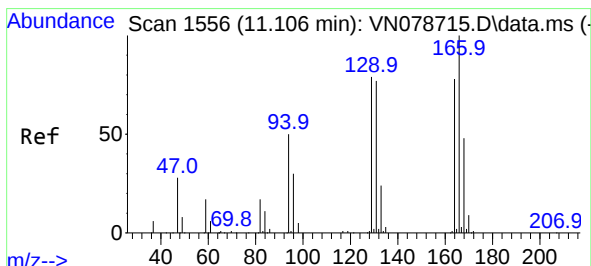
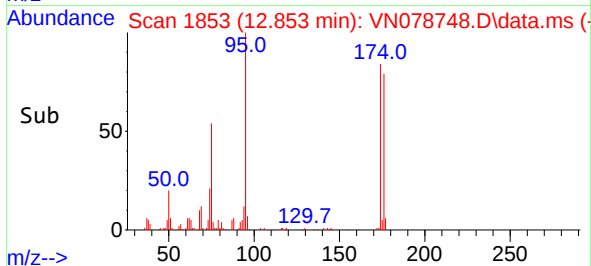
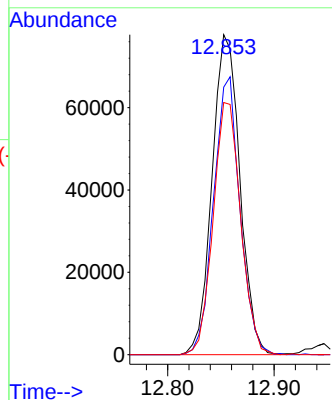
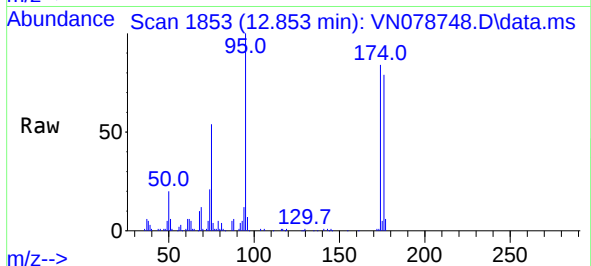


#60
4-Bromofluorobenzene
Concen: 23.001 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 95 Resp: 141073

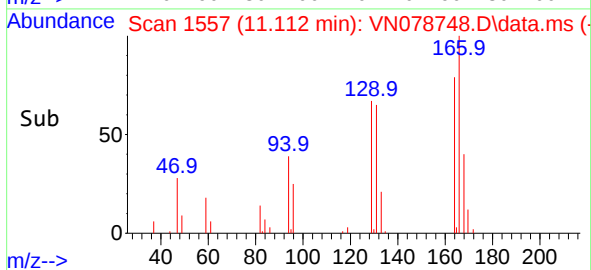
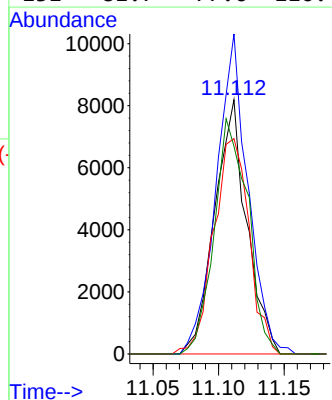
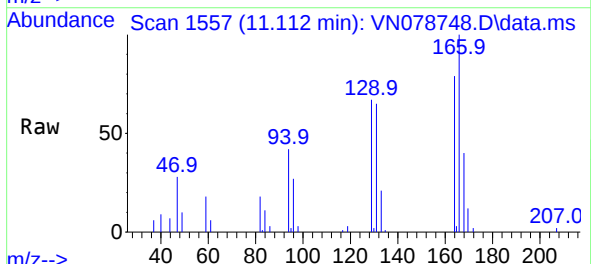
Ion	Ratio	Lower	Upper
95	100		
174	82.3	61.7	92.5
176	77.9	58.1	87.1

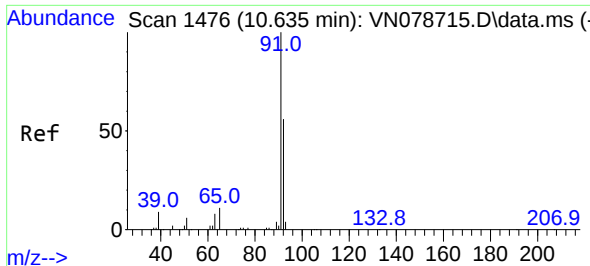


#61
Tetrachloroethene
Concen: 2.594 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 164 Resp: 13962

Ion	Ratio	Lower	Upper
164	100		
166	125.9	99.1	148.7
129	84.7	85.6	128.4#
131	81.7	77.6	116.4

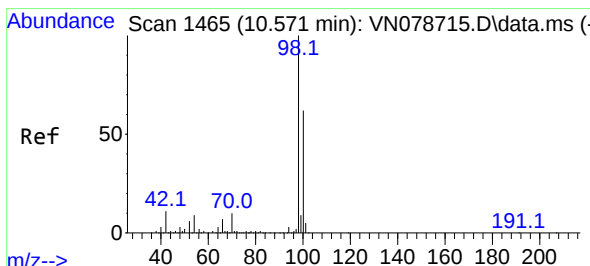
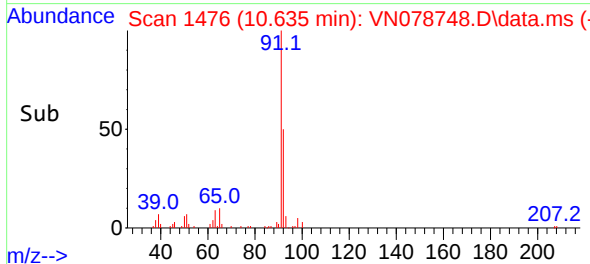
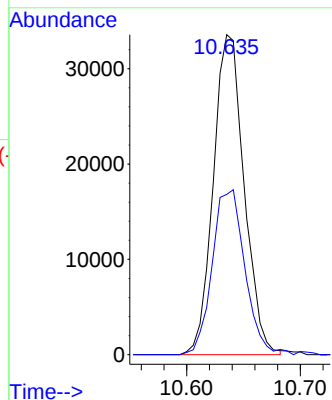
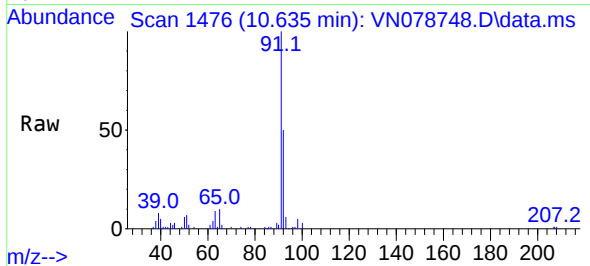




#62
Toluene
Concen: 2.571 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

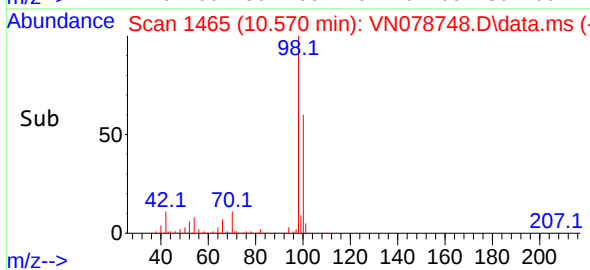
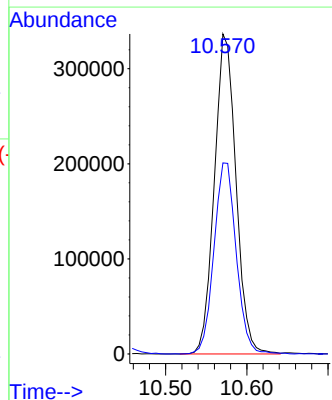
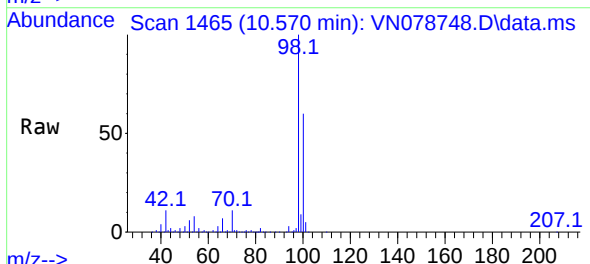
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

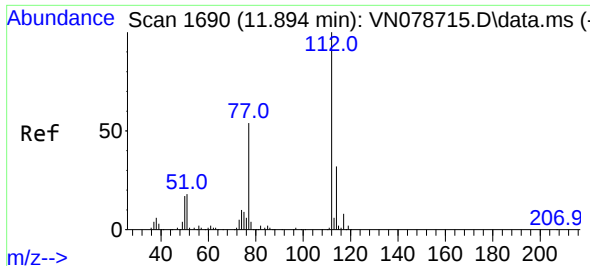
Tgt Ion: 91 Resp: 63297
Ion Ratio Lower Upper
91 100
92 54.1 45.2 67.8



#63
Toluene-d8
Concen: 30.837 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 98 Resp: 623434
Ion Ratio Lower Upper
98 100
100 61.4 49.7 74.5

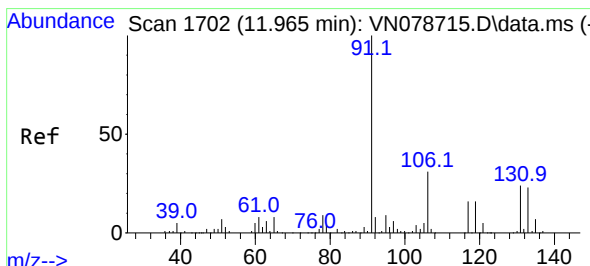
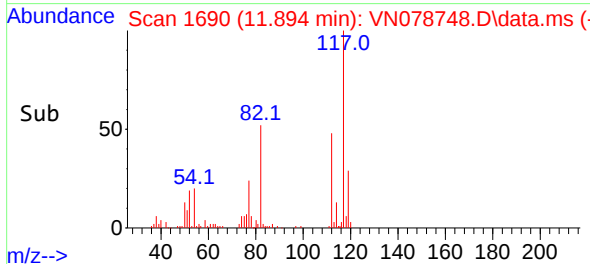
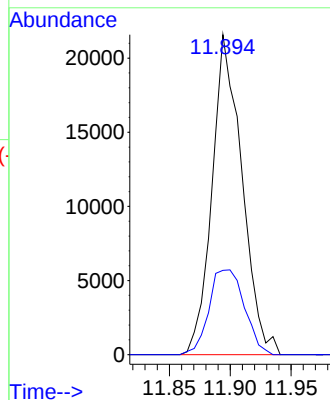
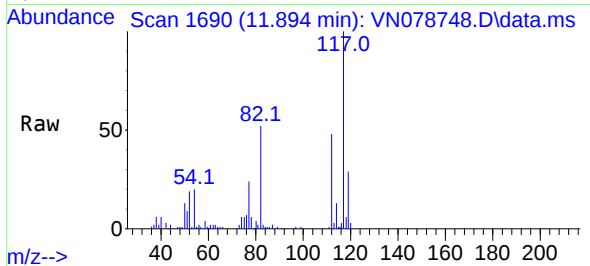




#64
Chlorobenzene
Concen: 2.565 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

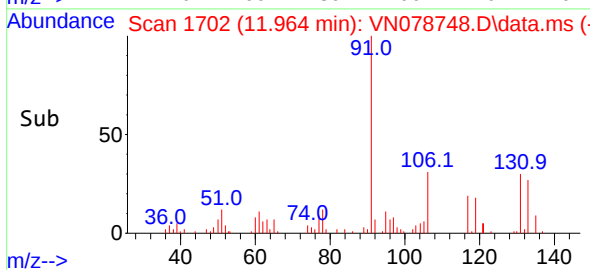
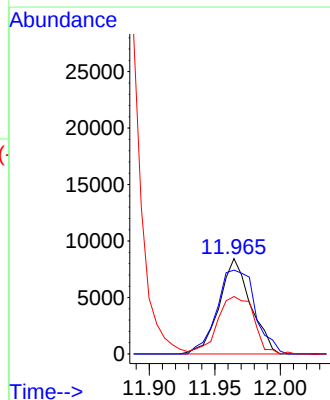
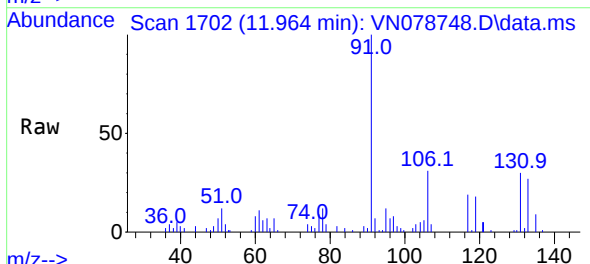
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

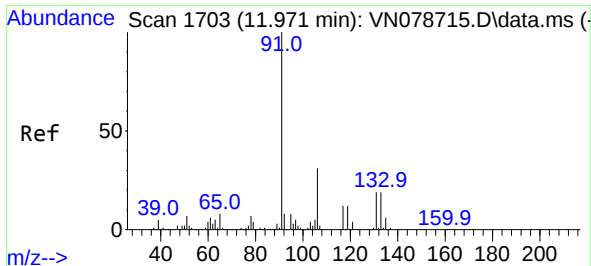
Tgt Ion:112 Resp: 36870
Ion Ratio Lower Upper
112 100
114 26.4 25.9 38.9



#65
1,1,1,2-Tetrachloroethane
Concen: 2.481 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:131 Resp: 14064
Ion Ratio Lower Upper
131 100
133 107.8 0.0 191.8
119 69.3 0.0 132.0

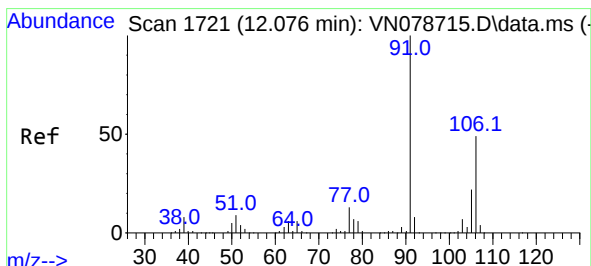
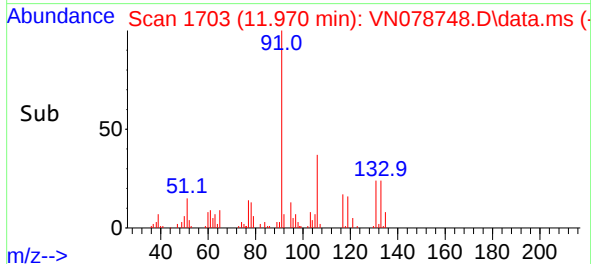
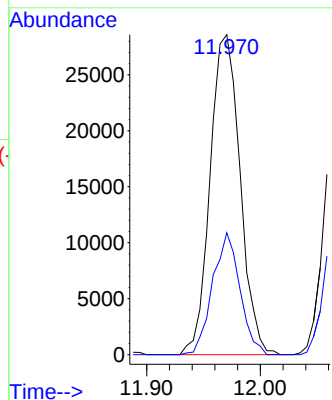
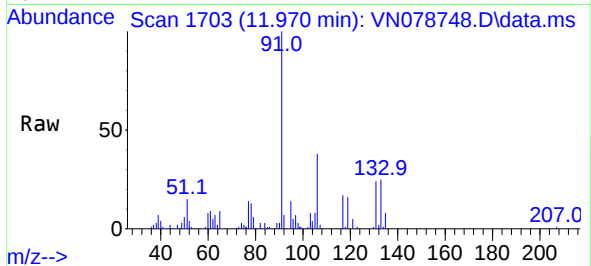




#66
Ethyl Benzene
Concen: 2.114 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

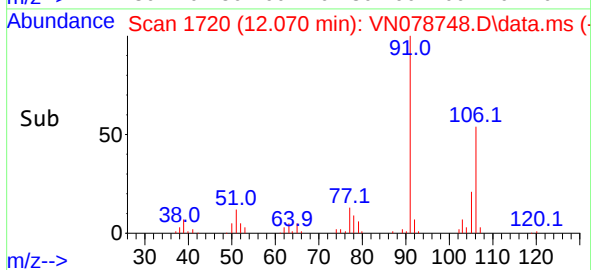
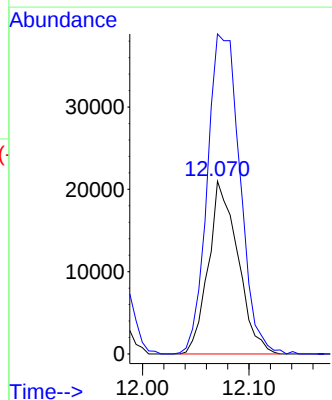
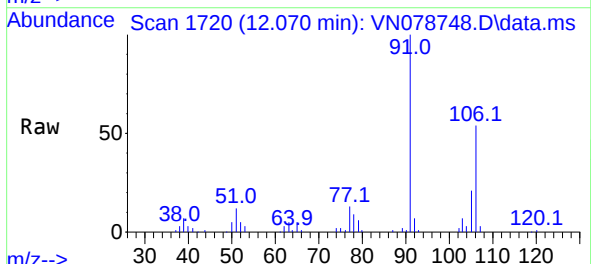
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

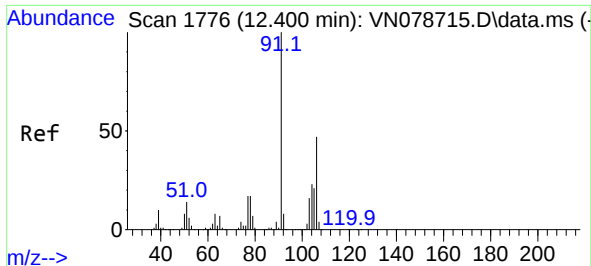
Tgt Ion: 91 Resp: 52459
Ion Ratio Lower Upper
91 100
106 38.1 25.6 38.4



#67
m/p-Xylenes
Concen: 4.264 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 106 Resp: 40415
Ion Ratio Lower Upper
106 100
91 204.8 162.5 243.7

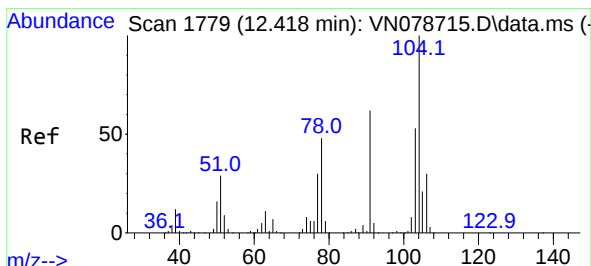
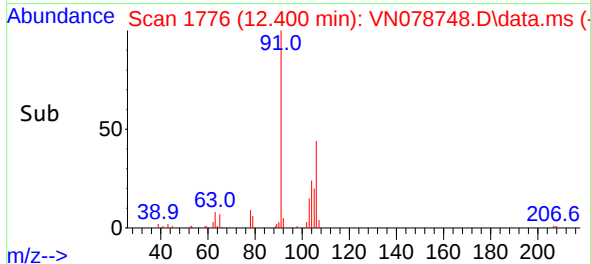
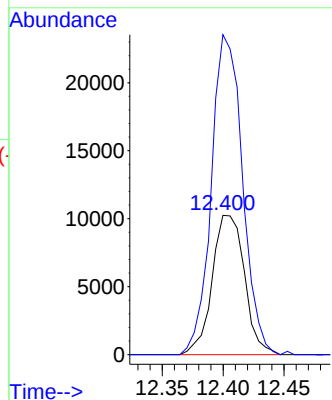
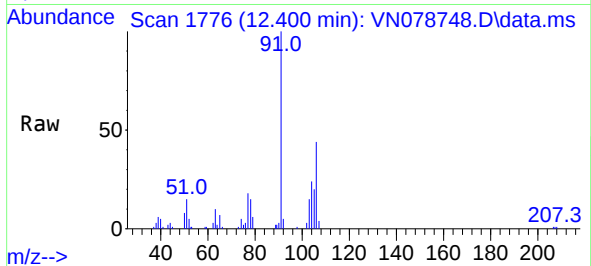




#68
o-Xylene
Concen: 1.964 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

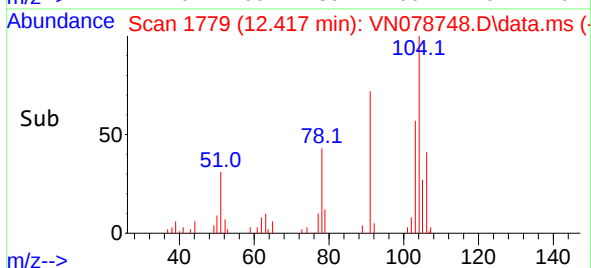
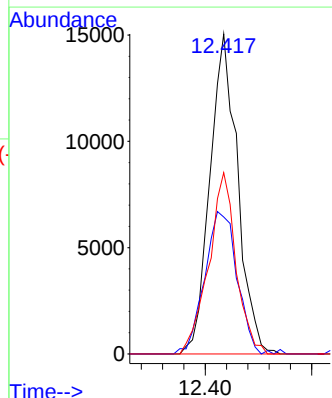
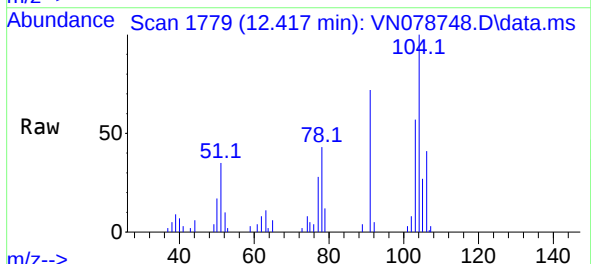
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

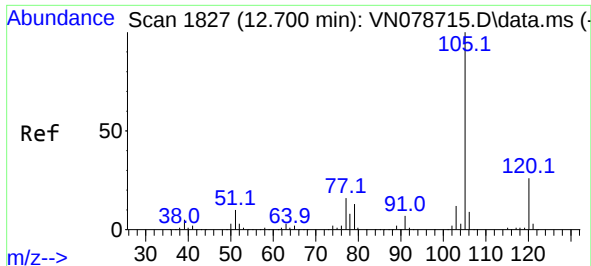
Tgt Ion:106 Resp: 18939
Ion Ratio Lower Upper
106 100
91 220.9 106.1 318.3



#69
Styrene
Concen: 1.753 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:104 Resp: 27195
Ion Ratio Lower Upper
104 100
78 51.7 40.1 60.1
103 55.7 45.1 67.7

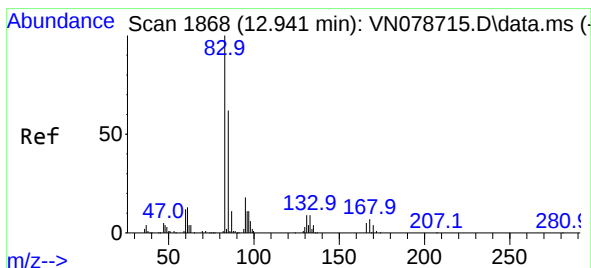
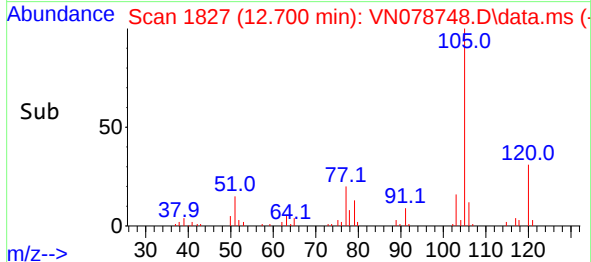
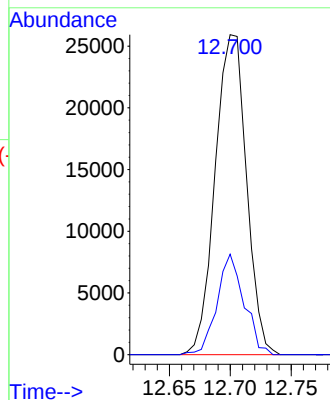
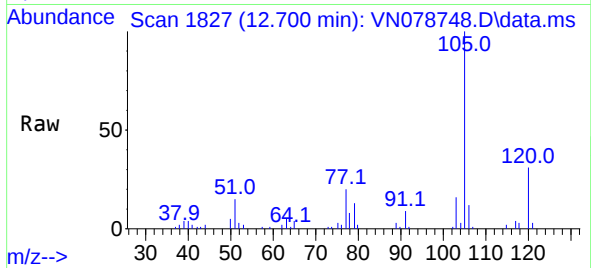




#70
Isopropylbenzene
Concen: 1.948 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

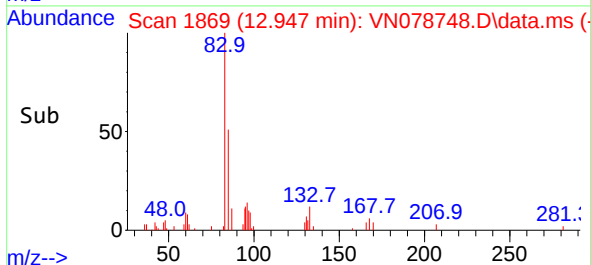
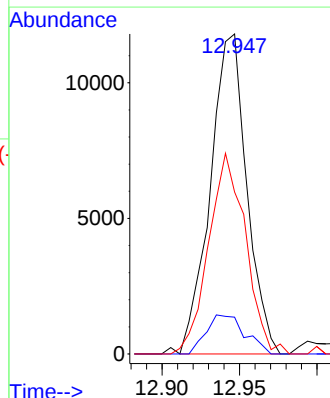
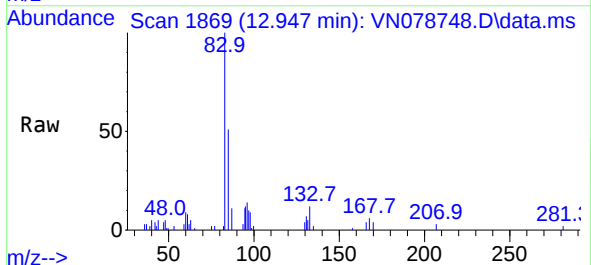
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

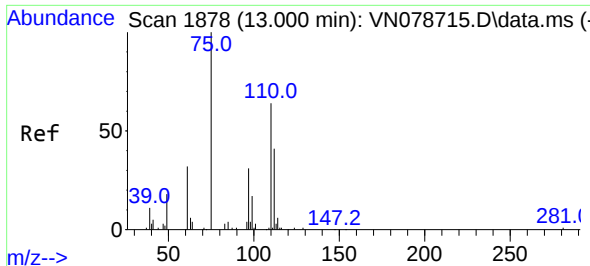
Tgt Ion:105 Resp: 46464
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 2.496 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 83 Resp: 19342
Ion Ratio Lower Upper
83 100
131 12.9 4.8 14.4
85 63.3 32.6 98.0

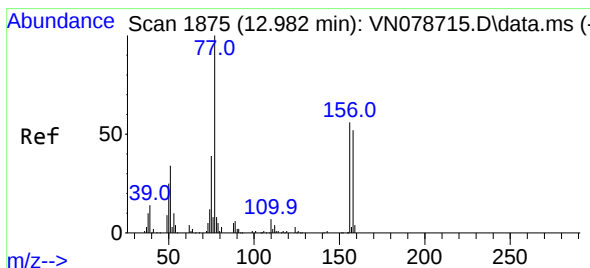
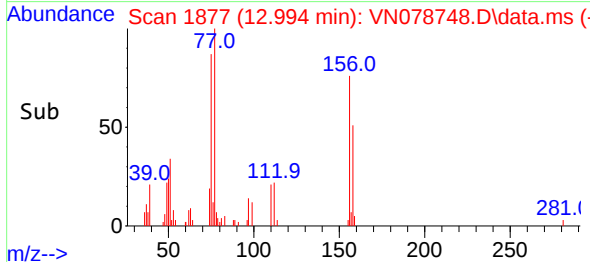
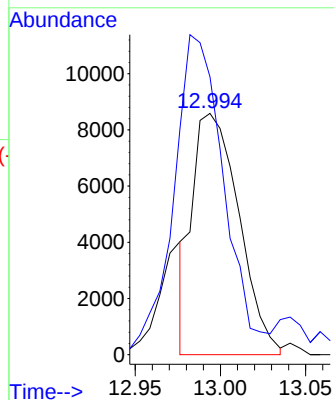
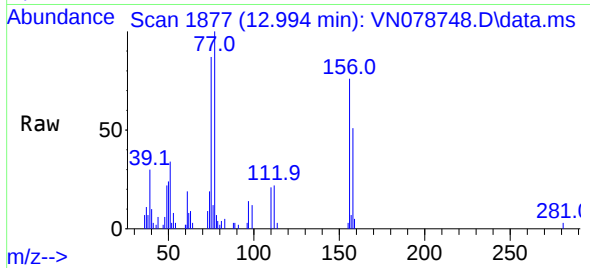




#72
1,2,3-Trichloropropane
Concen: 2.492 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

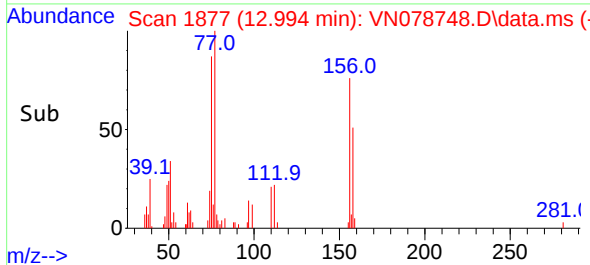
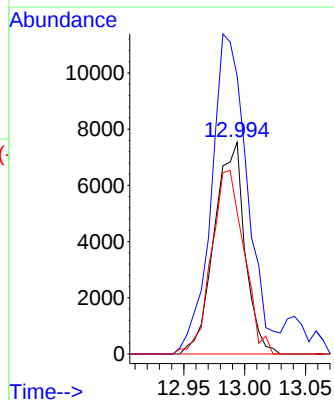
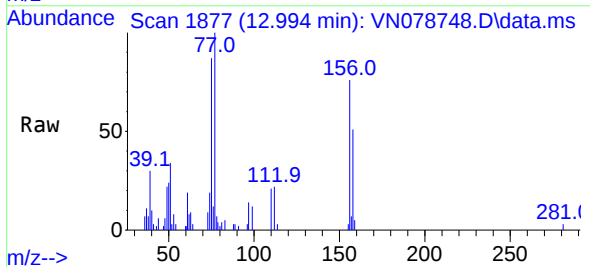
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

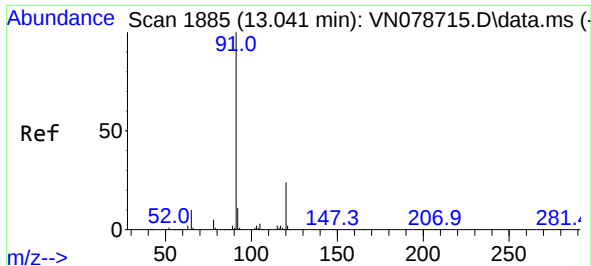
Tgt Ion: 75 Resp: 16197
Ion Ratio Lower Upper
75 100
77 142.8 0.0 387.4



#73
Bromobenzene
Concen: 2.252 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 156 Resp: 13167
Ion Ratio Lower Upper
156 100
77 175.7 0.0 420.8
158 92.2 0.0 193.2

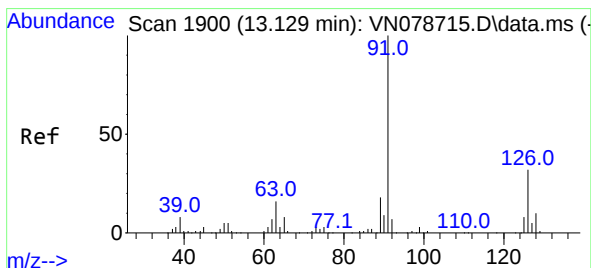
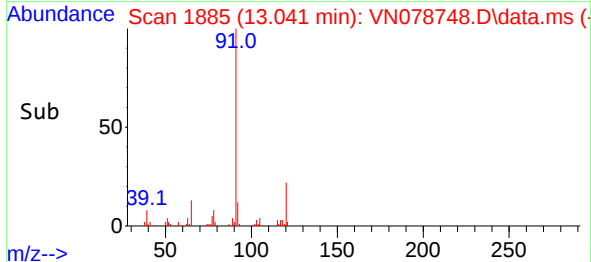
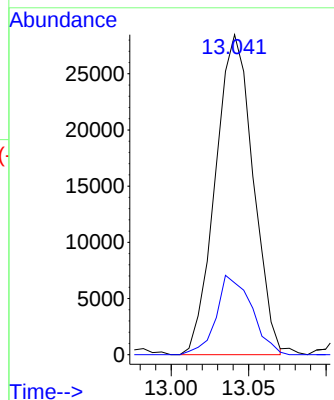
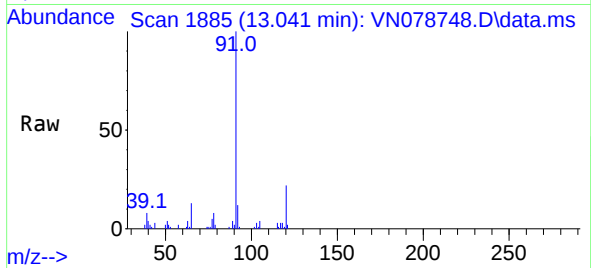




#74
n-propylbenzene
Concen: 1.823 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

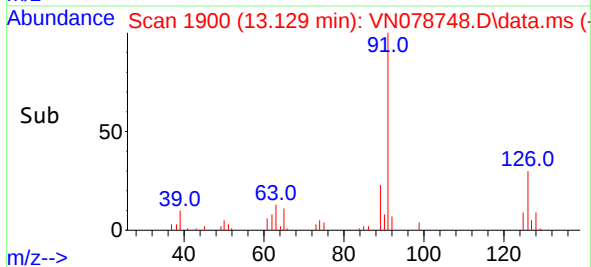
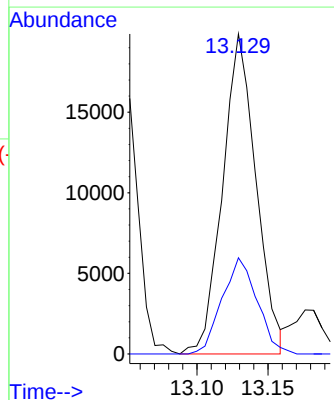
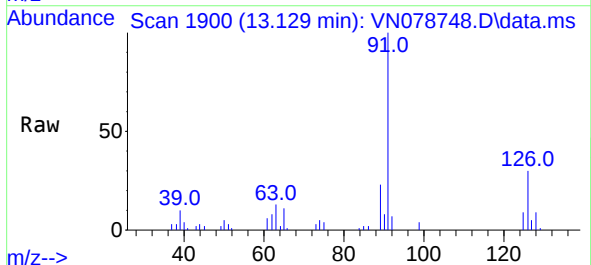
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

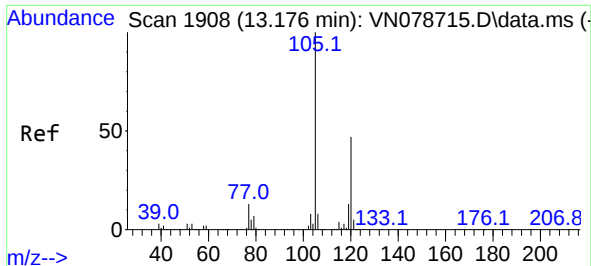
Tgt Ion: 91 Resp: 48202
Ion Ratio Lower Upper
91 100
120 23.3 0.0 44.6



#75
2-Chlorotoluene
Concen: 1.780 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 91 Resp: 32495
Ion Ratio Lower Upper
91 100
126 31.5 0.0 67.2

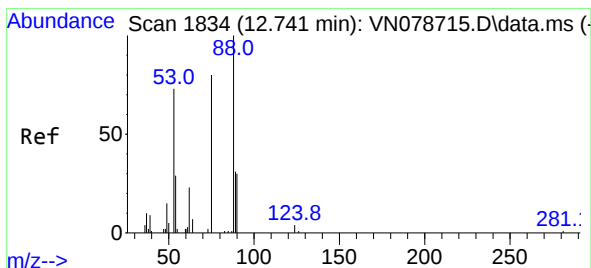
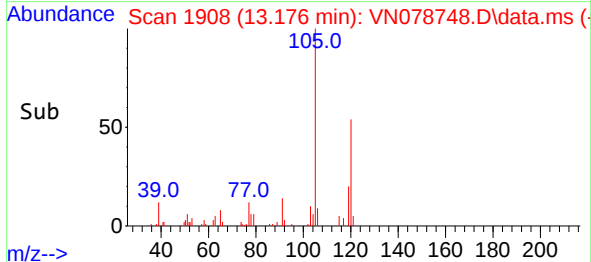
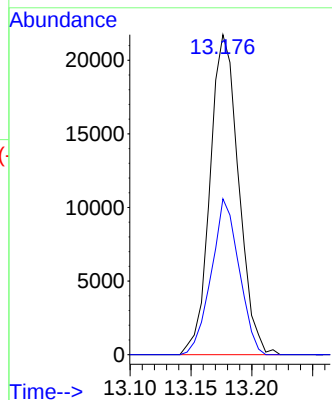
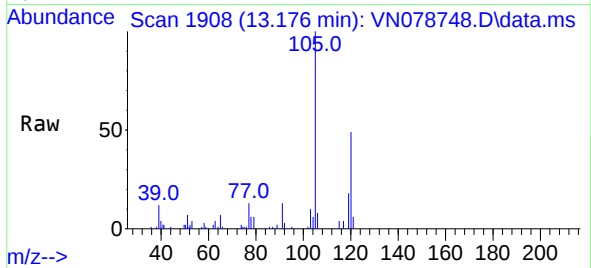




#76
1,3,5-Trimethylbenzene
Concen: 1.668 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

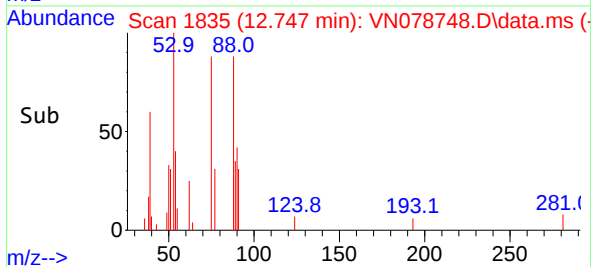
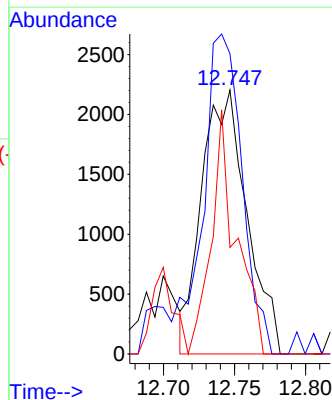
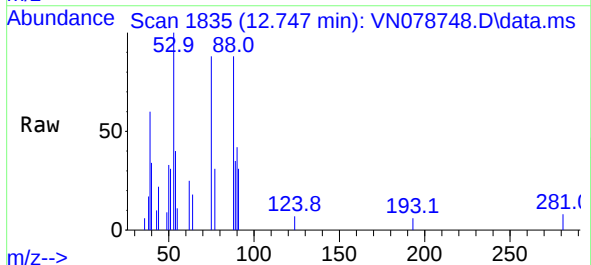
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

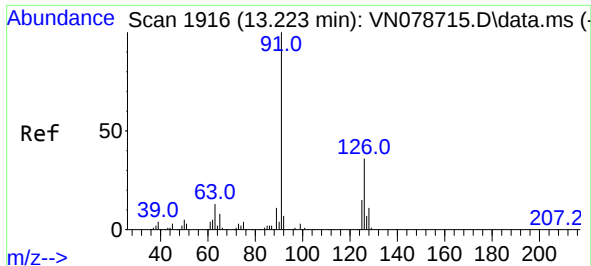
Tgt Ion:105 Resp: 35530
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.2



#77
t-1,4-Dichloro-2-butene
Concen: 2.141 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 75 Resp: 4865
Ion Ratio Lower Upper
75 100
53 113.8 41.6 124.9
89 40.4 25.1 75.4

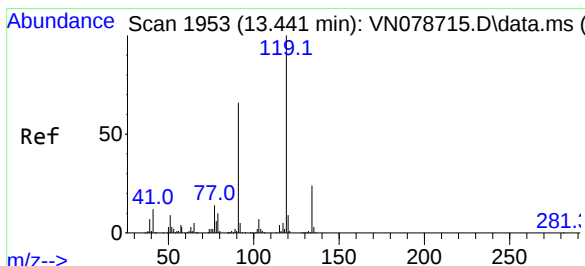
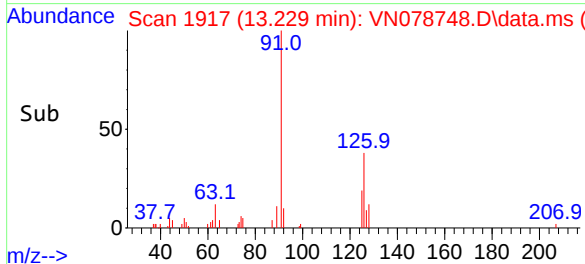
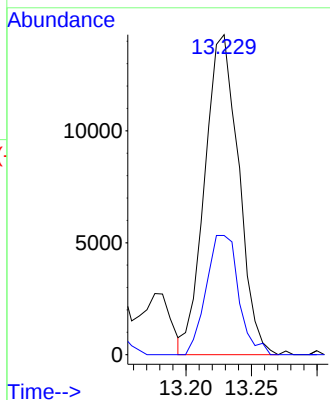
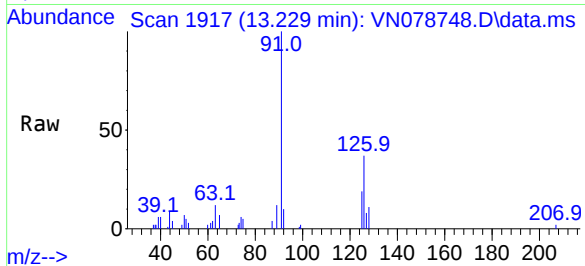




#78
4-Chlorotoluene
Concen: 1.458 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

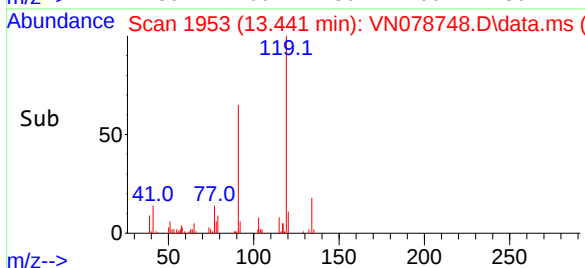
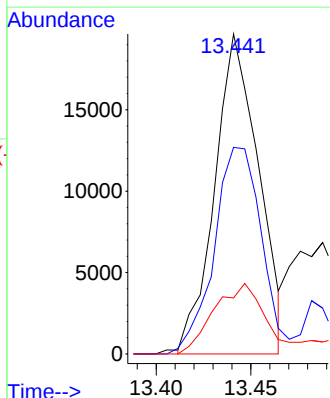
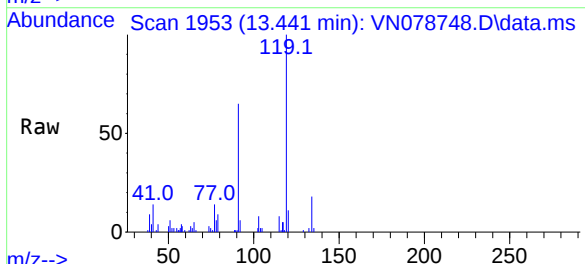
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

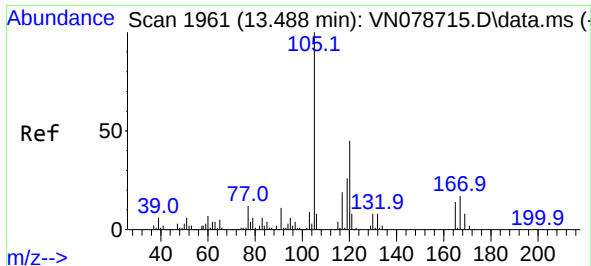
Tgt Ion: 91 Resp: 25710
Ion Ratio Lower Upper
91 100
126 35.6 0.0 68.8



#79
tert-butylbenzene
Concen: 1.732 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 119 Resp: 31747
Ion Ratio Lower Upper
119 100
91 69.4 0.0 126.6
134 25.2 0.0 44.0

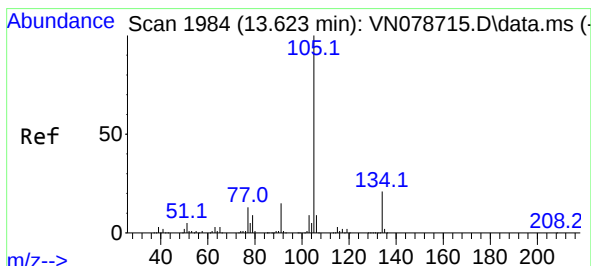
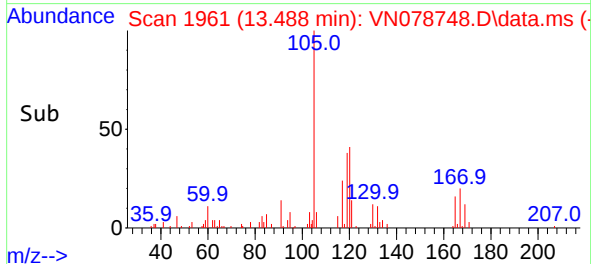
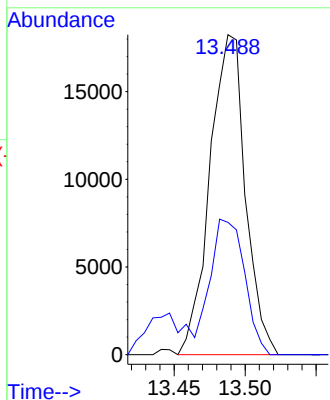
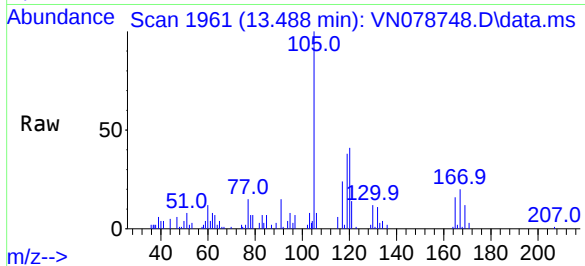




#80
1,2,4-Trimethylbenzene
Concen: 1.561 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

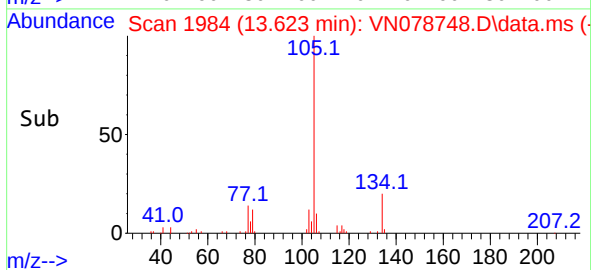
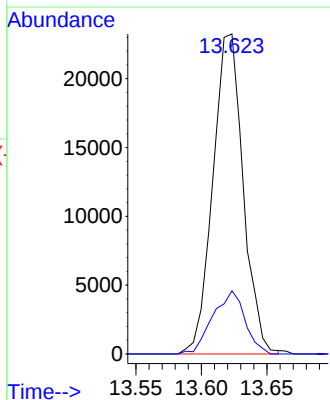
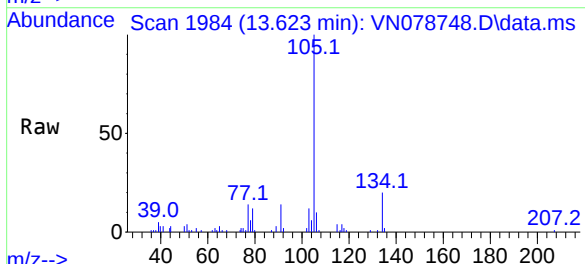
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

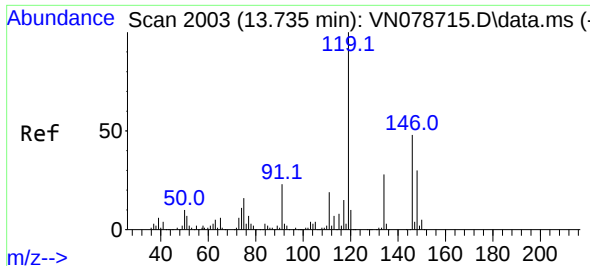
Tgt Ion:105 Resp: 31746
Ion Ratio Lower Upper
105 100
120 40.9 0.0 88.2



#81
sec-Butylbenzene
Concen: 1.589 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:105 Resp: 37337
Ion Ratio Lower Upper
105 100
134 20.9 0.0 38.6

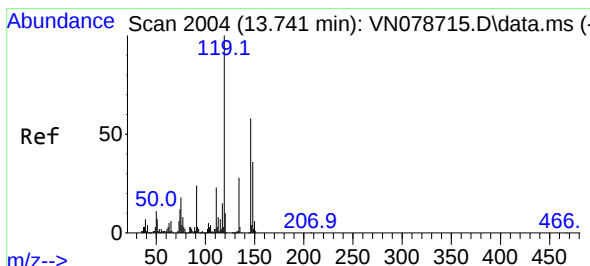
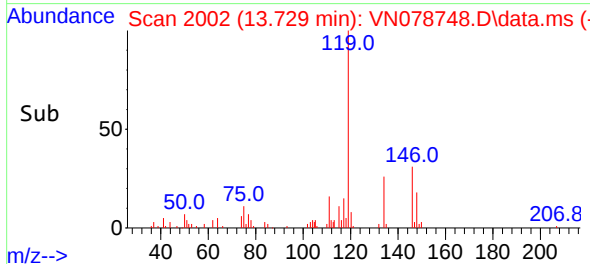
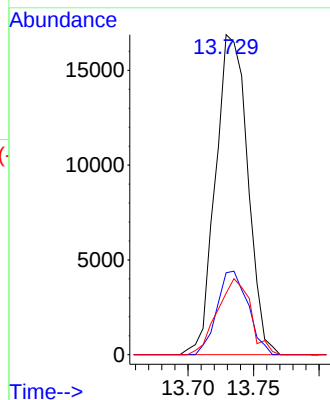
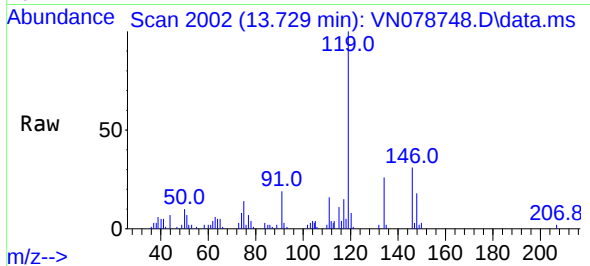




#82
p-Isopropyltoluene
Concen: 1.493 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

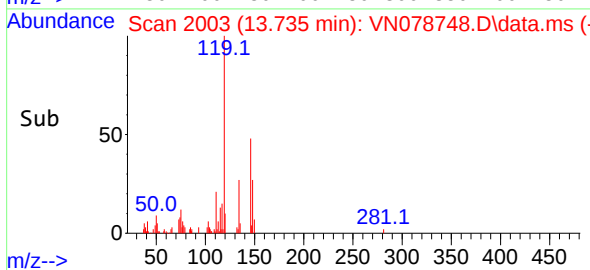
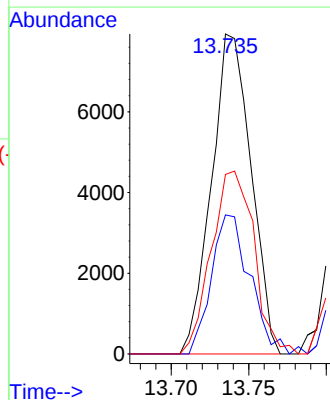
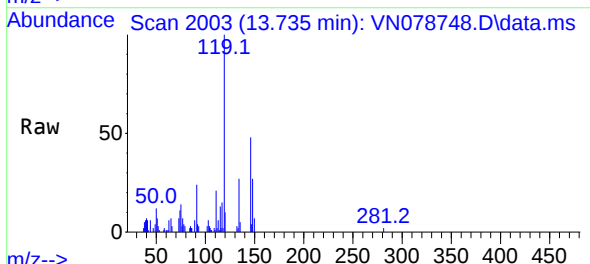
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

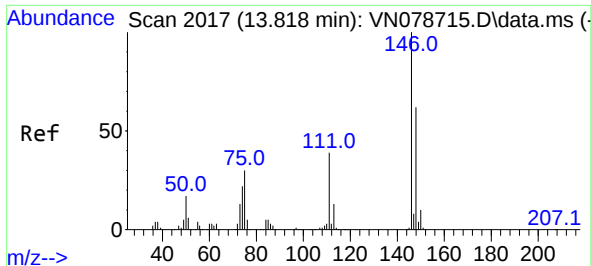
Tgt Ion:	119	Resp:	28794
Ion Ratio	Lower	Upper	
119	100		
134	25.2	0.0	52.4
91	24.6	0.0	48.2



#83
1,3-Dichlorobenzene
Concen: 1.359 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	146	Resp:	14093
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.6	64.6
148	61.7	31.9	95.5

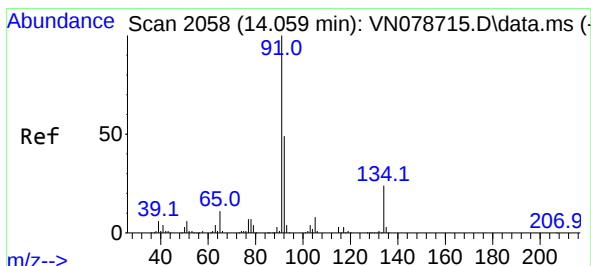
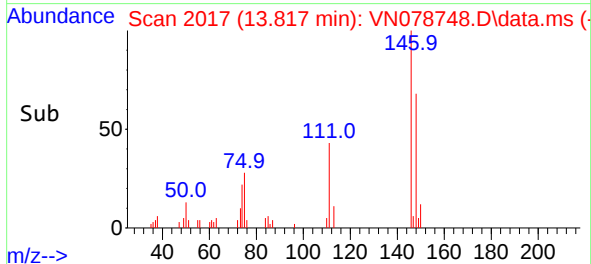
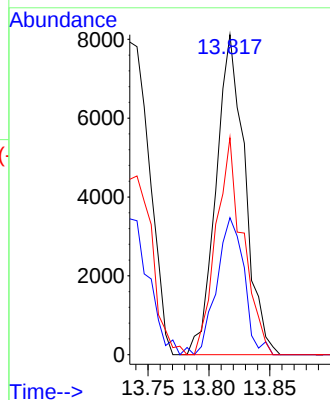
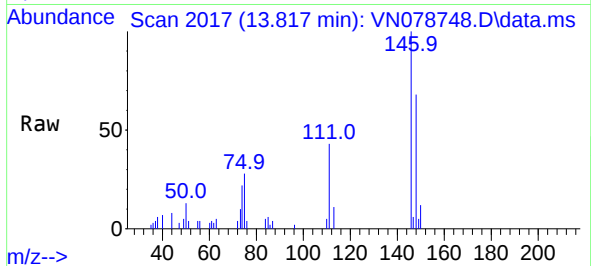




#84
1,4-Dichlorobenzene
Concen: 1.378 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

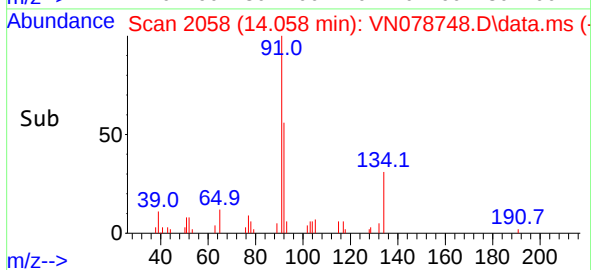
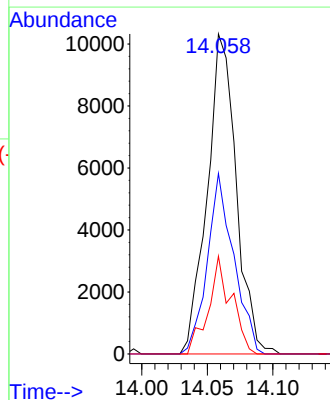
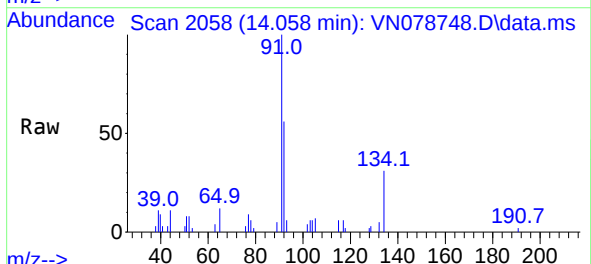
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

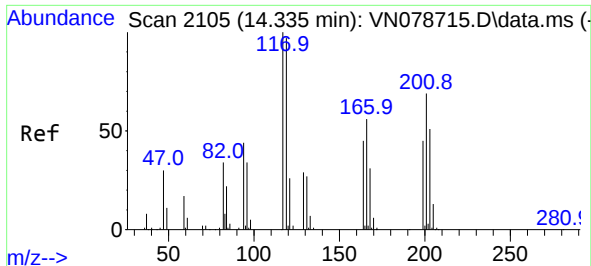
Tgt Ion:	146	Resp:	13375
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.2
148	63.2	31.4	94.3



#85
n-Butylbenzene
Concen: 1.188 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	91	Resp:	15890
Ion	Ratio	Lower	Upper
91	100		
92	51.5	0.0	99.6
134	24.3	0.0	50.0

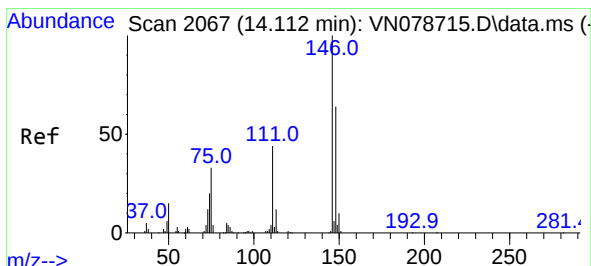
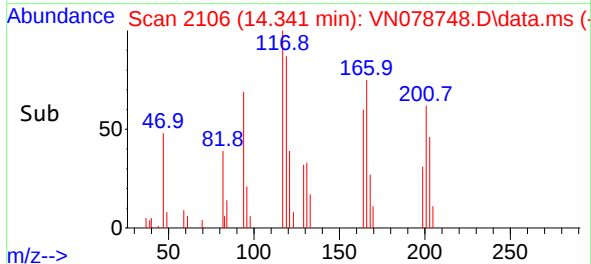
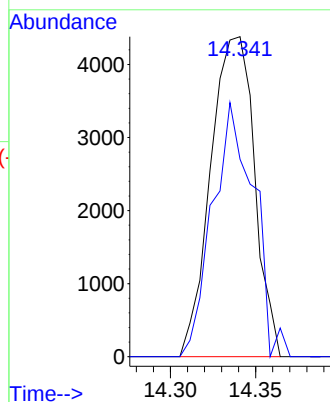
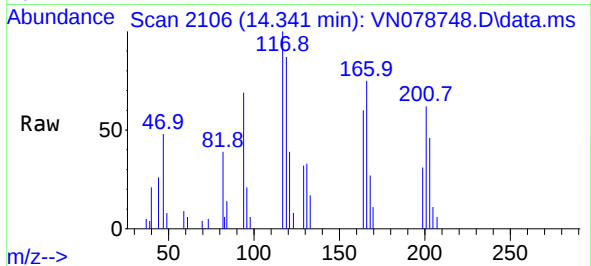




#86
Hexachloroethane
Concen: 2.232 ug/l
RT: 14.341 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

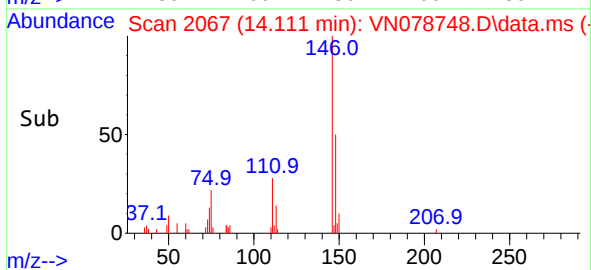
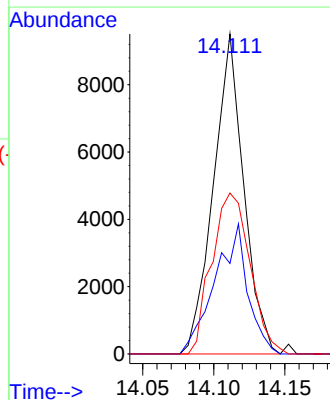
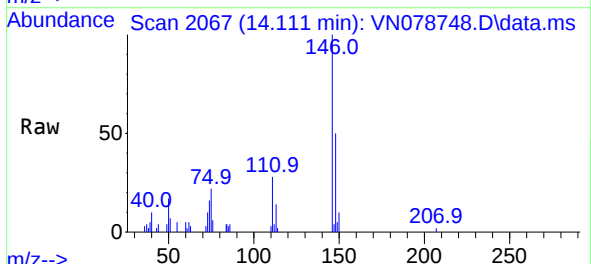
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

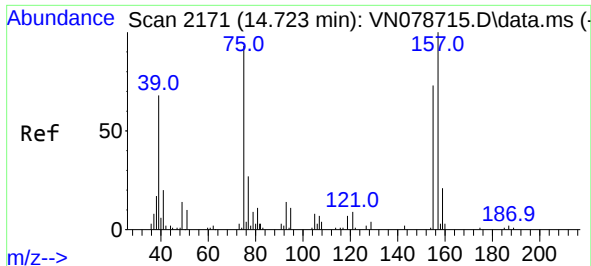
Tgt Ion:117 Resp: 7846
Ion Ratio Lower Upper
117 100
201 72.8 34.2 102.6



#87
1,2-Dichlorobenzene
Concen: 1.457 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:146 Resp: 14139
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.3
148 63.6 33.4 100.1

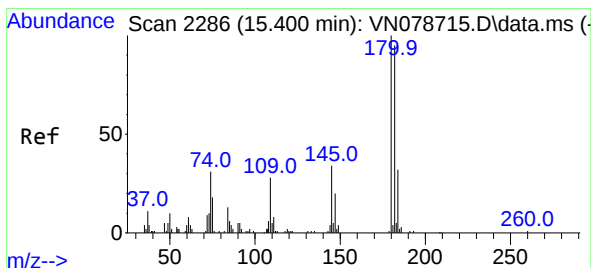
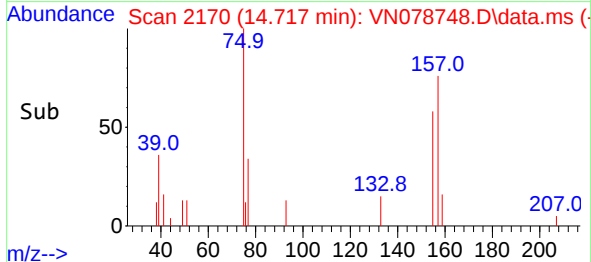
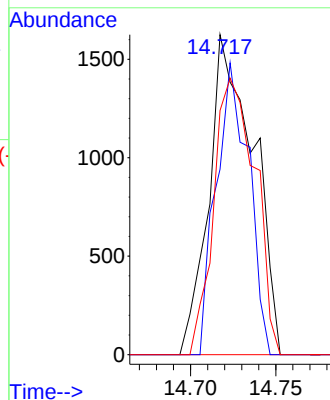
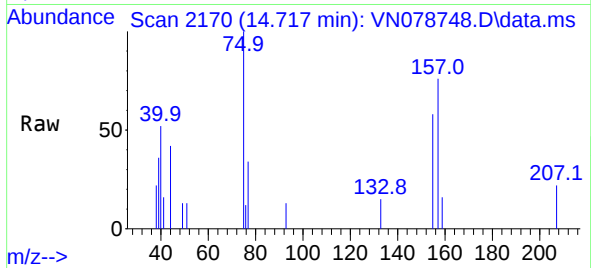




#88
1,2-Dibromo-3-Chloropropane
Concen: 2.232 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

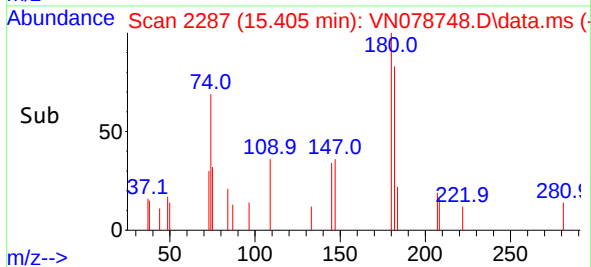
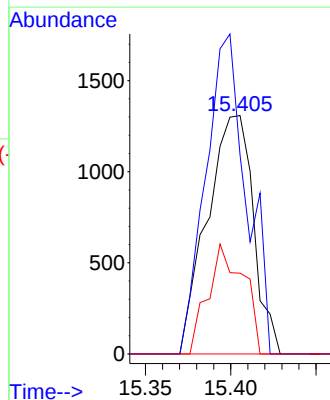
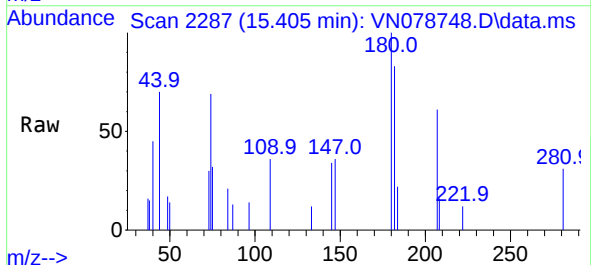
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

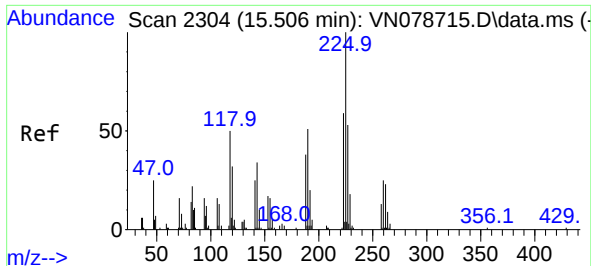
Tgt Ion:	75	Resp:	2938
Ion	Ratio	Lower	Upper
75	100		
155	66.8	68.2	102.2#
157	80.7	84.7	127.1#



#89
1,2,4-Trichlorobenzene
Concen: 0.890 ug/l
RT: 15.405 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:	180	Resp:	2463
Ion	Ratio	Lower	Upper
180	100		
182	105.5	73.7	110.5
145	29.8	25.0	37.6

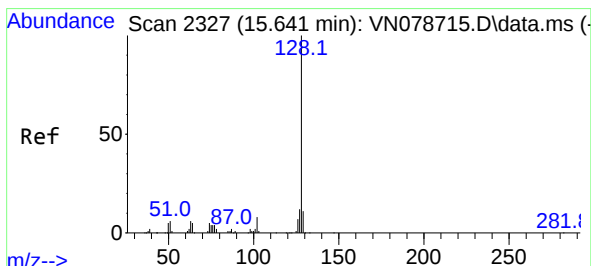
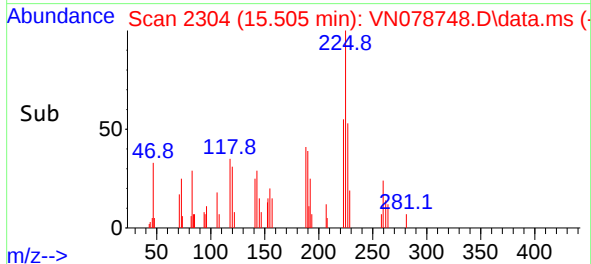
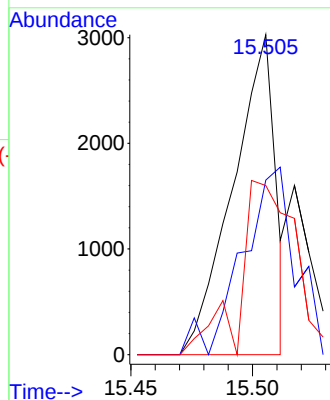
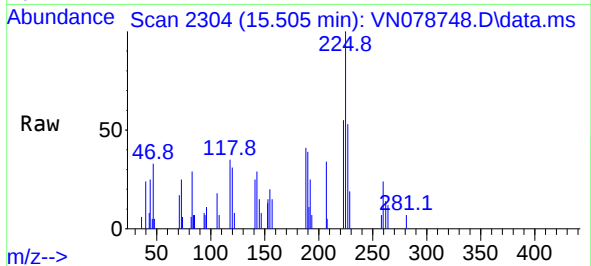




#90
Hexachlorobutadiene
Concen: 1.748 ug/l
RT: 15.505 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

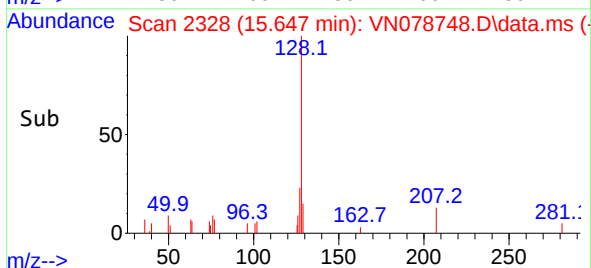
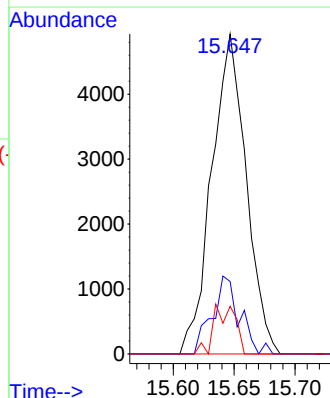
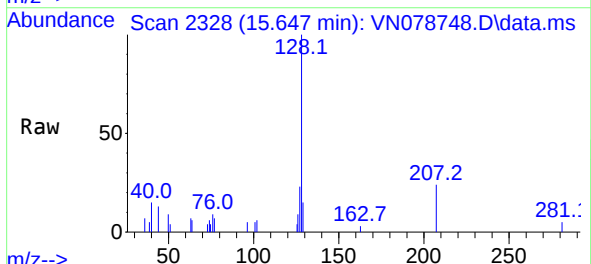
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

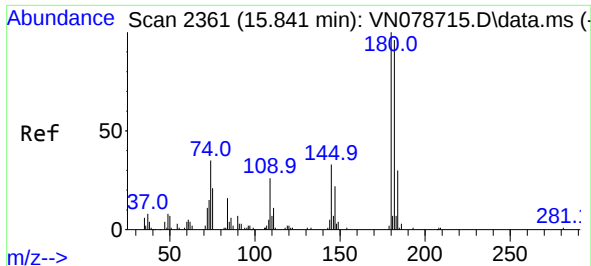
Tgt Ion:	225	Resp:	3688
Ion	Ratio	Lower	Upper
225	100		
223	69.4	0.0	130.0
227	61.0	0.0	124.0



#91
Naphthalene
Concen: 1.156 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

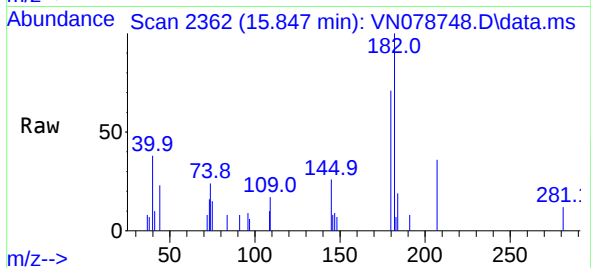
Tgt Ion:	128	Resp:	9700
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.2
129	4.6	9.0	13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 0.838 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023



Tgt Ion:	180	Resp:	2641
Ion	Ratio	Lower	Upper
180	100		
182	136.3	0.0	196.4
145	38.8	0.0	71.0

