

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071667.D
 Acq On : 30 Mar 2022 18:32
 Operator : JC\MD
 Sample : N1645-09 4PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Quant Time: Mar 31 01:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	552533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	883179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	790495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	276908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	343632	54.477	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.960%
35) Dibromofluoromethane	8.022	113	280365	53.947	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.900%
50) Toluene-d8	10.439	98	1133881	53.335	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.727	95	331191	48.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	17662	4.021	ug/l	95
3) Chloromethane	2.299	50	25232	4.533	ug/l	99
4) Vinyl Chloride	2.440	62	27284	4.463	ug/l #	88
5) Bromomethane	2.840	94	19623	4.938	ug/l	99
6) Chloroethane	3.005	64	33423	7.601	ug/l #	88
7) Trichlorofluoromethane	3.375	101	35050	4.507	ug/l	86
8) Diethyl Ether	3.834	74	14683	4.467	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	20095	4.193	ug/l	94
10) Methyl Iodide	4.422	142	27441	4.096	ug/l	99
11) Tert butyl alcohol	5.363	59	23534	22.990	ug/l	97
12) 1,1-Dichloroethene	4.181	96	19945	4.373	ug/l	94
13) Acrolein	4.040	56	26071	20.888	ug/l	92
14) Allyl chloride	4.851	41	31225	4.218	ug/l	97
15) Acrylonitrile	5.551	53	67405	22.654	ug/l	99
16) Acetone	4.293	43	55891	20.733	ug/l	96
17) Carbon Disulfide	4.534	76	47142	4.505	ug/l	99
18) Methyl Acetate	4.857	43	46806	5.669	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	71212	4.203	ug/l	96
20) Methylene Chloride	5.099	84	26235	4.617	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	21942	4.383	ug/l	97
22) Diisopropyl ether	6.493	45	68022	4.221	ug/l	99
23) Vinyl Acetate	6.428	43	244343	19.067	ug/l	100
24) 1,1-Dichloroethane	6.387	63	40454	4.276	ug/l	100
25) 2-Butanone	7.328	43	85122	21.903	ug/l	99
26) 2,2-Dichloropropane	7.328	77	33150	4.079	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	26716	4.352	ug/l	97
28) Bromochloromethane	7.657	49	15663	4.104	ug/l	93
29) Tetrahydrofuran	7.687	42	56428	22.424	ug/l	97
30) Chloroform	7.816	83	44011	4.406	ug/l	96
31) Cyclohexane	8.092	56	46501	5.421	ug/l #	88
32) 1,1,1-Trichloroethane	8.010	97	36463	4.267	ug/l	97
36) 1,1-Dichloropropene	8.222	75	31664	4.363	ug/l	99
37) Ethyl Acetate	7.410	43	35672	4.491	ug/l	99
38) Carbon Tetrachloride	8.204	117	30041	4.224	ug/l	97
39) Methylcyclohexane	9.457	83	36020	4.169	ug/l	97
40) Benzene	8.457	78	100948	4.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	13936	3.583	ug/l	86
42) 1,2-Dichloroethane	8.528	62	34777	4.385	ug/l	100
43) Isopropyl Acetate	8.557	43	57434	4.347	ug/l	98
44) Trichloroethene	9.216	130	25060	4.243	ug/l	96
45) 1,2-Dichloropropane	9.486	63	24411	4.262	ug/l	96
46) Dibromomethane	9.569	93	16665	4.286	ug/l	99
47) Bromodichloromethane	9.757	83	31255	4.083	ug/l	97
48) Methyl methacrylate	9.557	41	21343	3.894	ug/l	91
49) 1,4-Dioxane	9.569	88	11160	73.012	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	165375	21.770	ug/l	98
52) Toluene	10.504	92	63683	4.394	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	31135	3.881	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	34660	3.910	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	24913	4.177	ug/l	99
56) Ethyl methacrylate	10.757	69	32933	3.871	ug/l	95
57) 1,3-Dichloropropane	11.039	76	43525	4.365	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.039	63	32844	28.654	ug/l	99
59) 2-Hexanone	11.080	43	114643	21.436	ug/l	98
60) Dibromochloromethane	11.233	129	23006	3.956	ug/l	99
61) 1,2-Dibromoethane	11.339	107	25201	4.292	ug/l	98
64) Tetrachloroethene	10.975	164	22653	4.340	ug/l	97
65) Chlorobenzene	11.763	112	67879	4.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	23189	4.060	ug/l	98
67) Ethyl Benzene	11.839	91	108754	4.059	ug/l	99
68) m/p-Xylenes	11.951	106	81266	7.893	ug/l	99
69) o-Xylene	12.275	106	40963	4.009	ug/l	97
70) Styrene	12.292	104	57945	3.742	ug/l	98
71) Bromoform	12.451	173	17098	3.931	ug/l #	98
73) Isopropylbenzene	12.575	105	98698	4.230	ug/l	99
74) N-amyl acetate	12.386	43	28619	4.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	38003	4.881	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	42029	6.552	ug/l	49
77) Bromobenzene	12.857	156	26051	4.454	ug/l	96
78) n-propylbenzene	12.916	91	103749	4.227	ug/l	99
79) 2-Chlorotoluene	13.004	91	69790	4.434	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	79841	4.319	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	7842	3.788	ug/l	93
82) 4-Chlorotoluene	13.104	91	63449	4.349	ug/l	97
83) tert-Butylbenzene	13.322	119	71136	4.209	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	74682	4.140	ug/l	100
85) sec-Butylbenzene	13.498	105	89726	4.096	ug/l	100
86) p-Isopropyltoluene	13.610	119	68037	3.895	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	38875	4.172	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	37304	4.103	ug/l	91
89) n-Butylbenzene	13.939	91	46089	3.557	ug/l	99
90) Hexachloroethane	14.204	117	13375	4.183	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	38685	4.228	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	5263	4.358	ug/l	94
93) 1,2,4-Trichlorobenzene	15.263	180	11577	4.603	ug/l	96
94) Hexachlorobutadiene	15.368	225	10598	3.928	ug/l	98
95) Naphthalene	15.498	128	24180	5.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	11818	5.049	ug/l	98

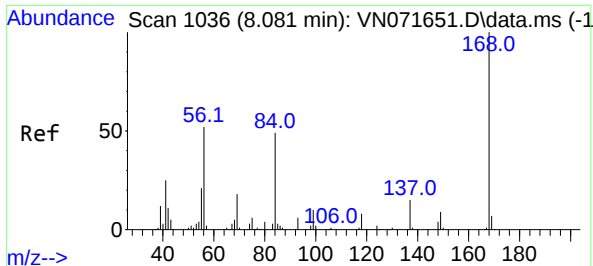
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Response via : Initial Calibration

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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

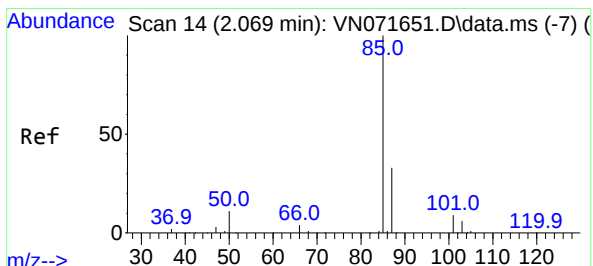
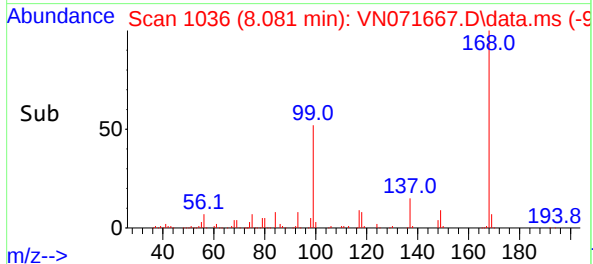
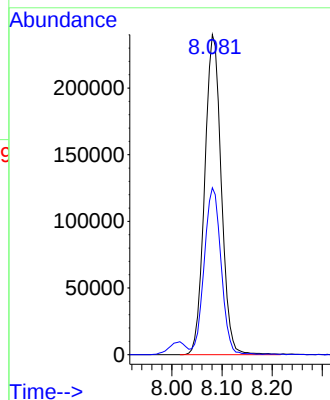
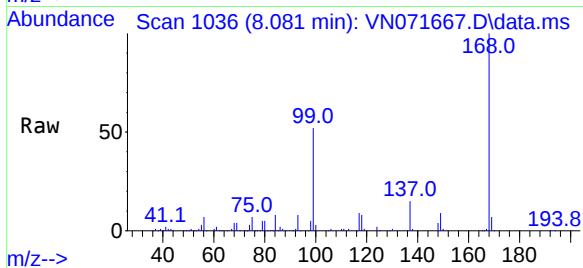
MDL-WATER-03-QT1-2022

Tgt Ion:168 Resp: 552533

Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



Dichlorodifluoromethane

Concen: 4.021 ug/l

RT: 2.075 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN071667.D

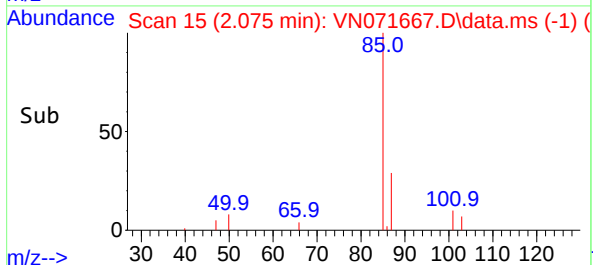
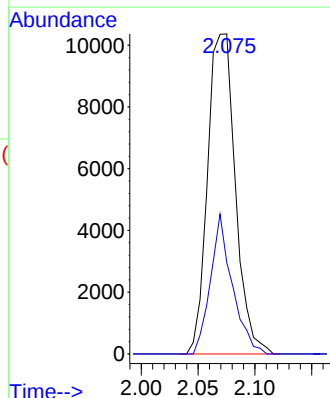
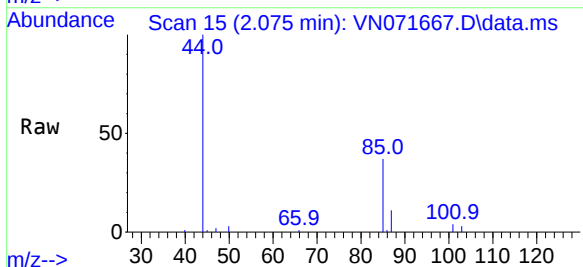
Acq: 30 Mar 2022 18:32

Tgt Ion: 85 Resp: 17662

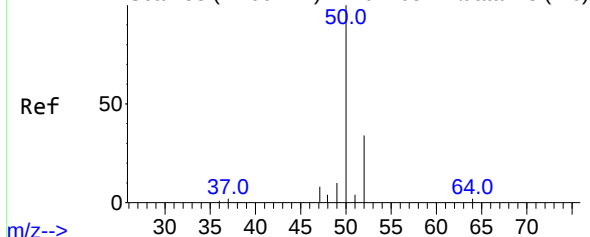
Ion Ratio Lower Upper

85 100

87 28.6 15.7 47.1



Abundance Scan 53 (2.299 min): VN071651.D\data.ms (-46)



#3

Chloromethane

Concen: 4.533 ug/l

RT: 2.299 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

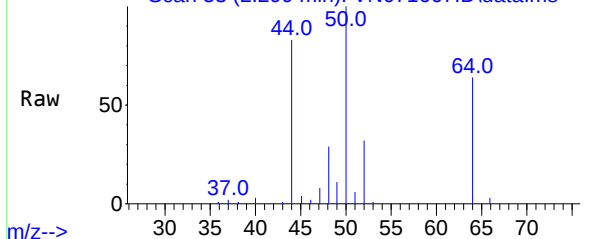
Tgt Ion: 50 Resp: 25232

Ion Ratio Lower Upper

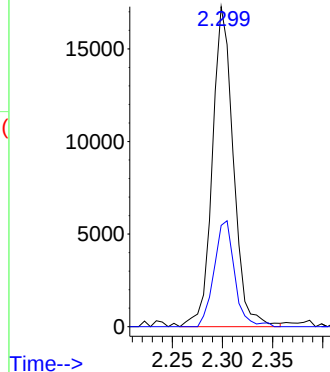
50 100

52 31.7 25.7 38.5

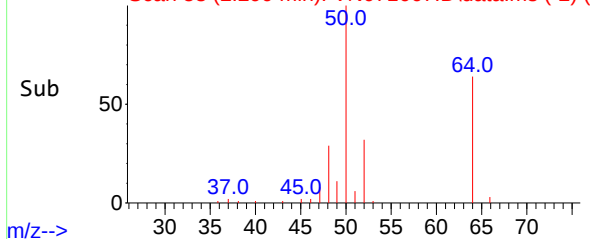
Abundance Scan 53 (2.299 min): VN071667.D\data.ms



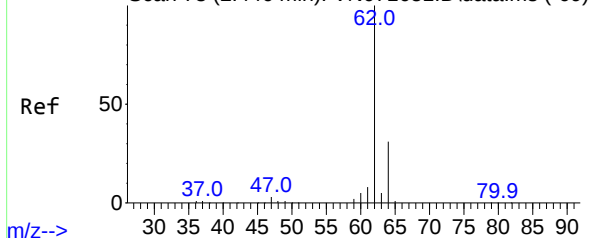
Abundance



Abundance Scan 53 (2.299 min): VN071667.D\data.ms (-2)



Abundance Scan 78 (2.446 min): VN071651.D\data.ms (-69)



#4

Vinyl Chloride

Concen: 4.463 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

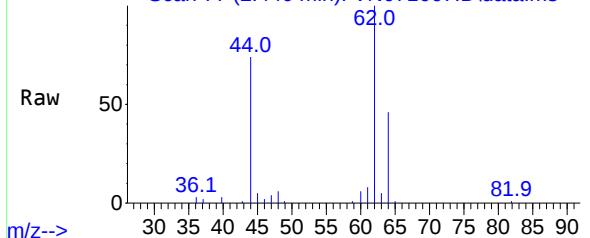
Tgt Ion: 62 Resp: 27284

Ion Ratio Lower Upper

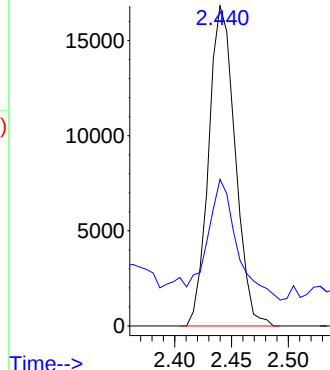
62 100

64 37.7 25.0 37.4#

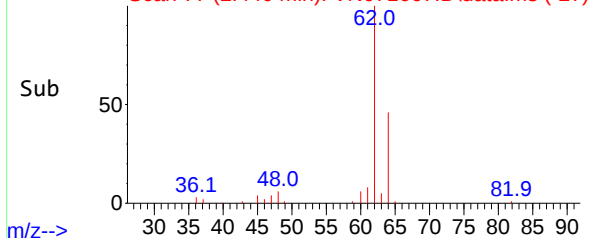
Abundance Scan 77 (2.440 min): VN071667.D\data.ms

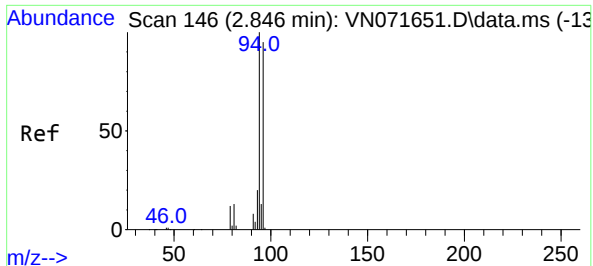


Abundance



Abundance Scan 77 (2.440 min): VN071667.D\data.ms (-27)

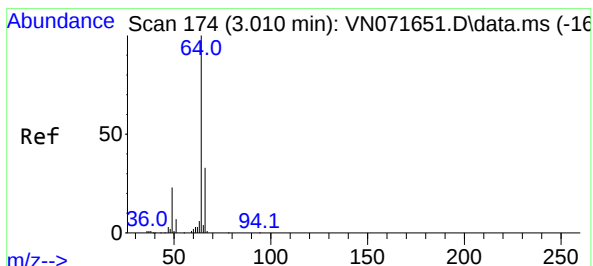
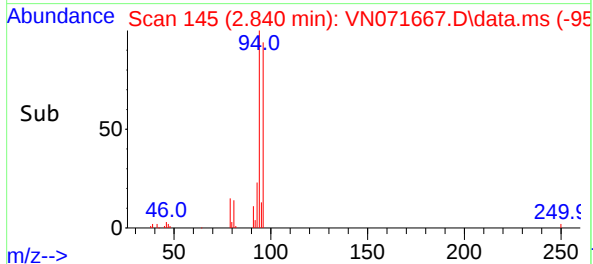
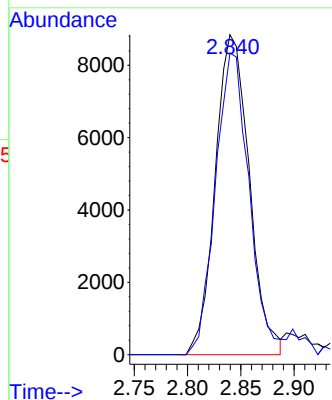
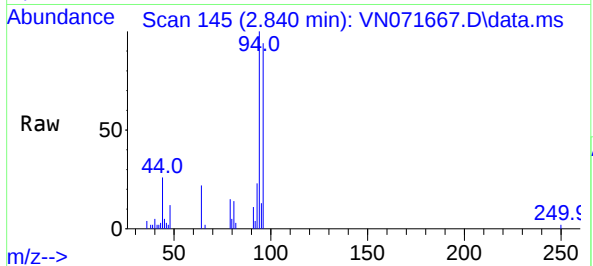




#5
Bromomethane
Concen: 4.938 ug/l
RT: 2.840 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

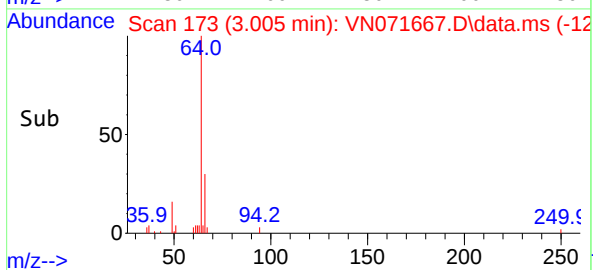
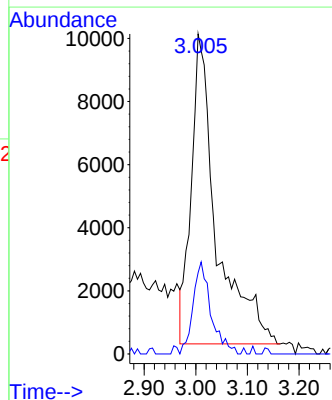
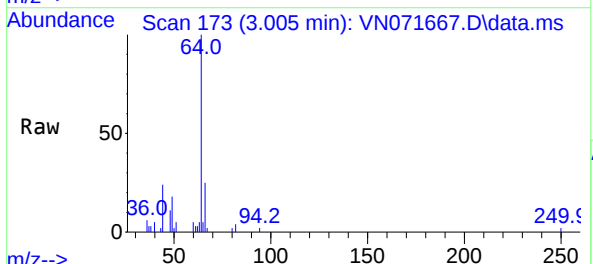
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Tgt Ion: 94 Resp: 19623
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 7.601 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.005 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 64 Resp: 33423
Ion Ratio Lower Upper
64 100
66 26.2 26.2 39.4#

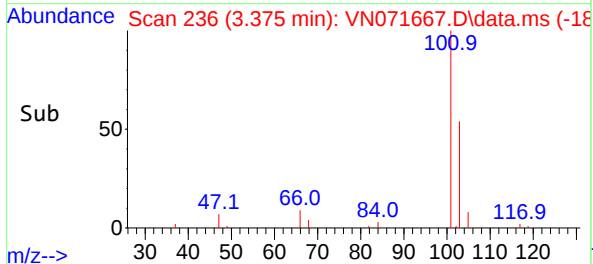
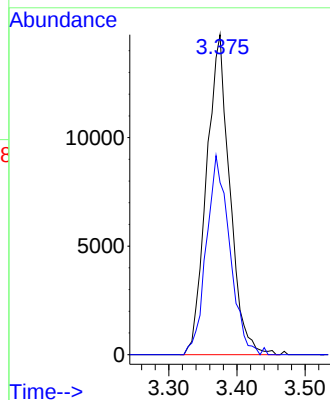
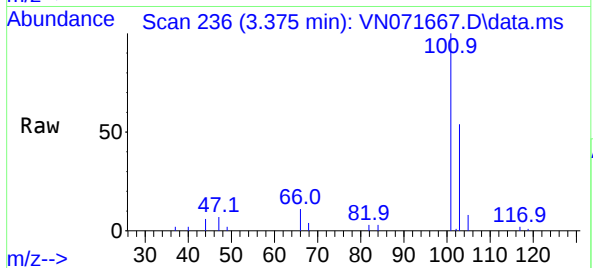




#7
Trichlorofluoromethane
Concen: 4.507 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

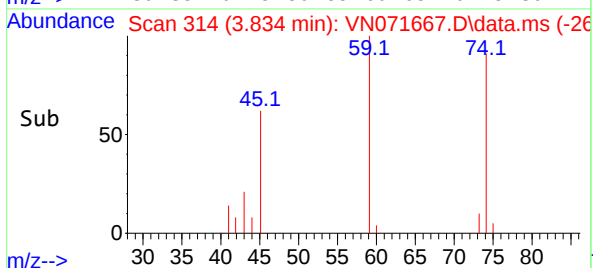
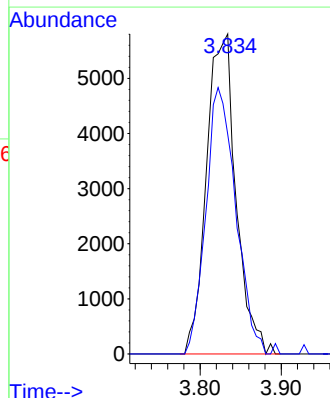
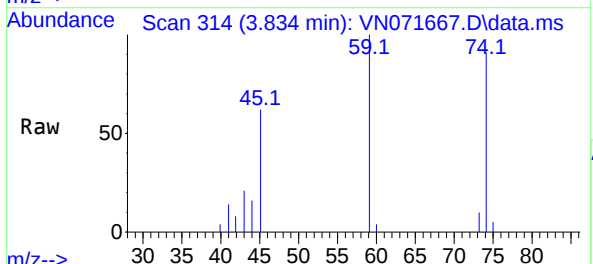
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MSVOA_N
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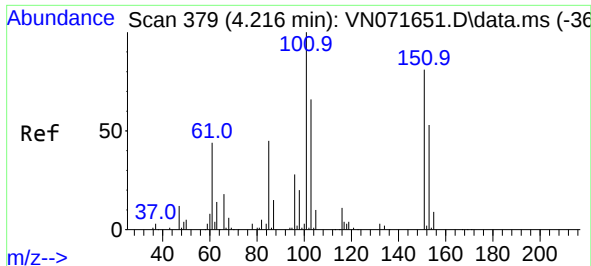
Tgt Ion:101 Resp: 35050
Ion Ratio Lower Upper
101 100
103 53.8 51.5 77.3



#8
Diethyl Ether
Concen: 4.467 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 74 Resp: 14683
Ion Ratio Lower Upper
74 100
45 84.3 42.9 128.5

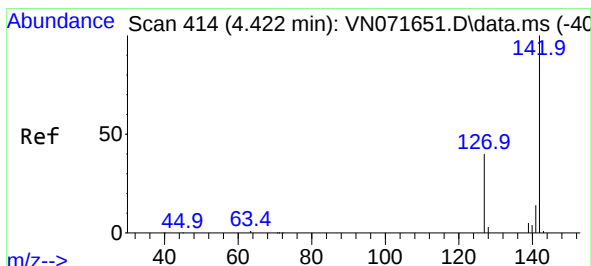
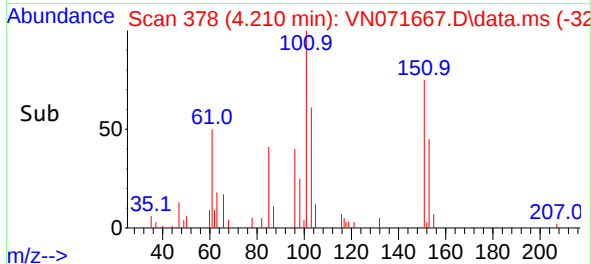
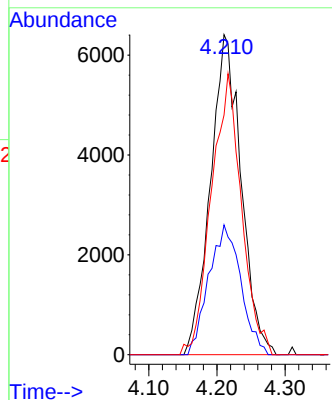
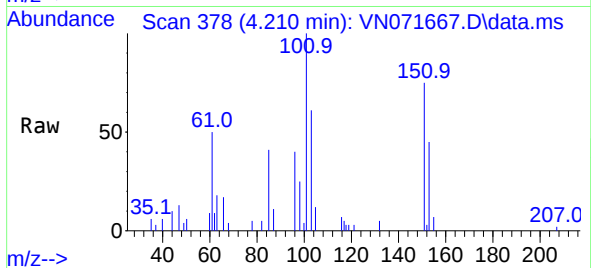




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.193 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

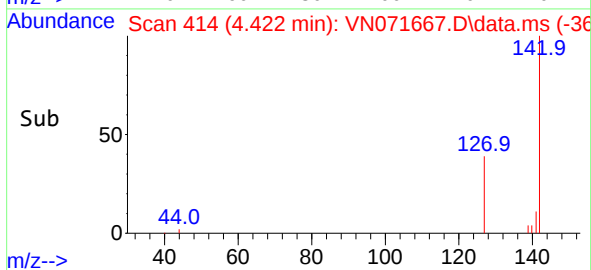
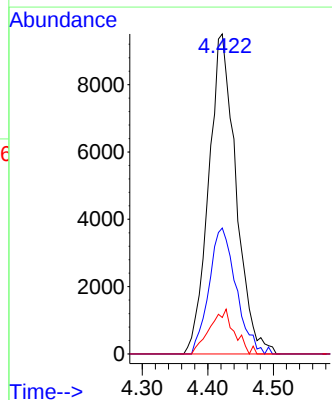
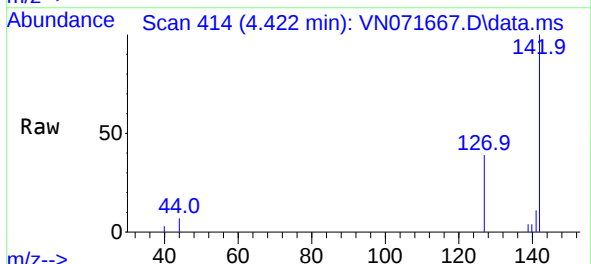
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:101 Resp: 20095
Ion Ratio Lower Upper
101 100
85 42.2 34.7 52.1
151 86.0 63.0 94.4



#10
Methyl Iodide
Concen: 4.096 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:142 Resp: 27441
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 12.7 11.2 16.8

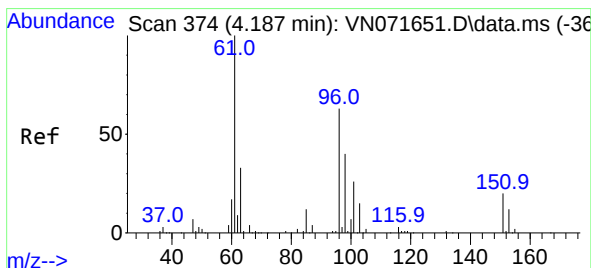
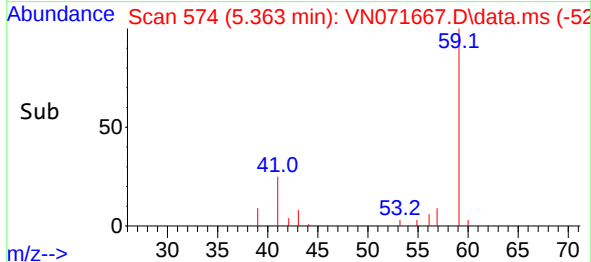
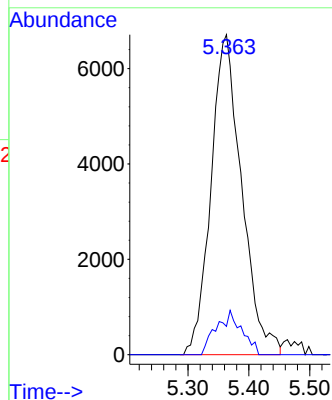
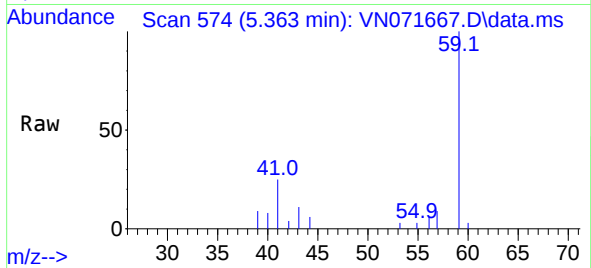




#11
Tert butyl alcohol
Concen: 22.990 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

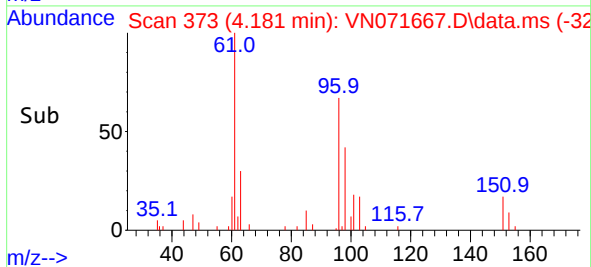
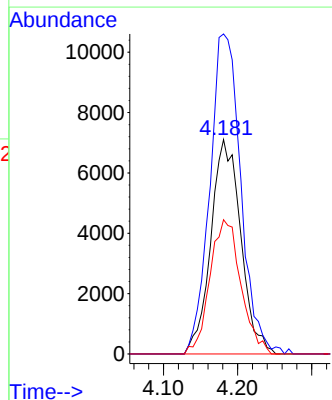
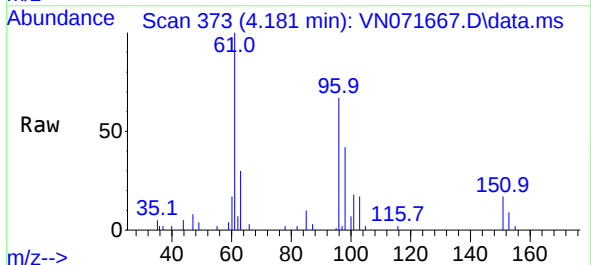
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 59 Resp: 23534
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 4.373 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 96 Resp: 19945
Ion Ratio Lower Upper
96 100
61 149.2 127.6 191.4
98 62.6 51.2 76.8

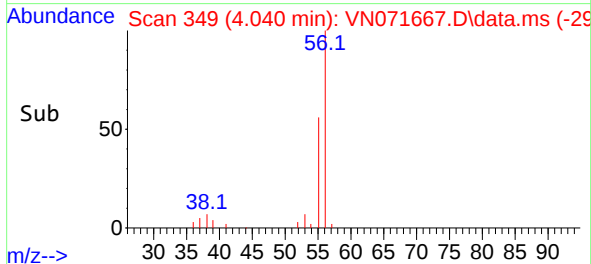
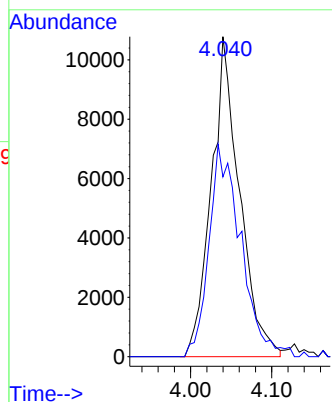
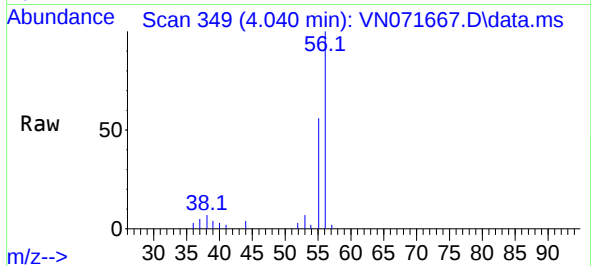




#13
Acrolein
Concen: 20.888 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

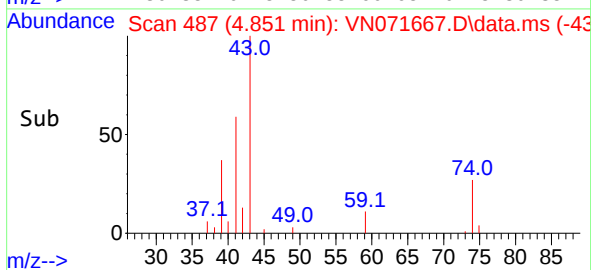
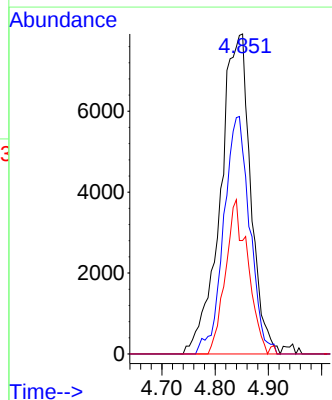
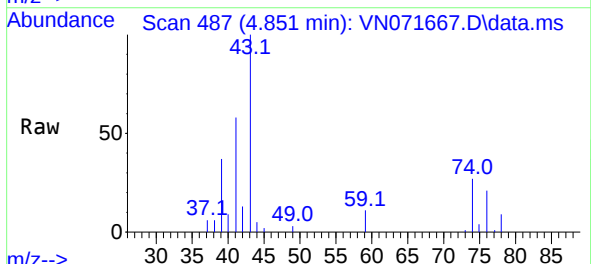
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

Tgt Ion: 56 Resp: 26071
Ion Ratio Lower Upper
56 100
55 74.7 54.8 82.2



#14
Allyl chloride
Concen: 4.218 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.011 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 41 Resp: 31225
Ion Ratio Lower Upper
41 100
39 64.0 53.2 79.8
76 35.8 29.9 44.9

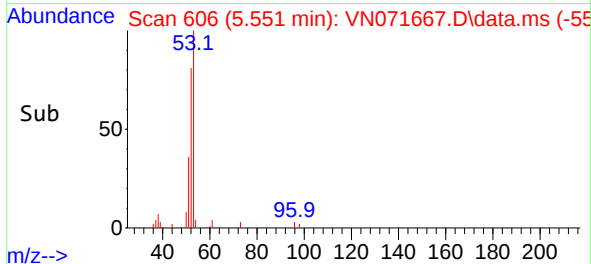
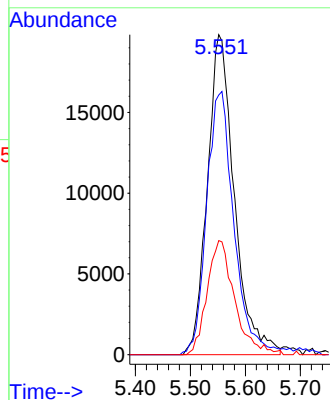
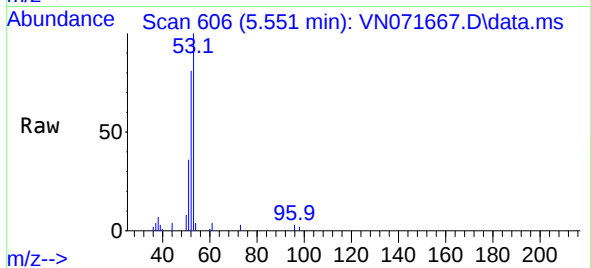




#15
Acrylonitrile
Concen: 22.654 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

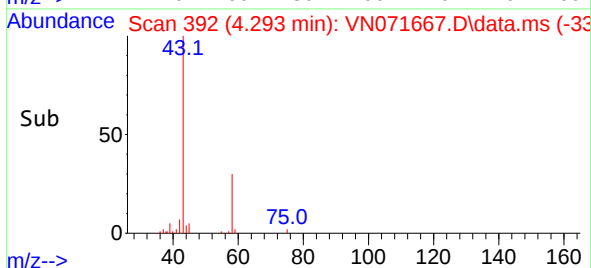
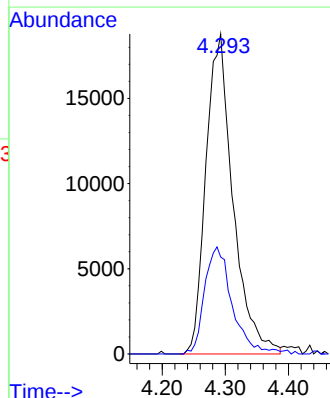
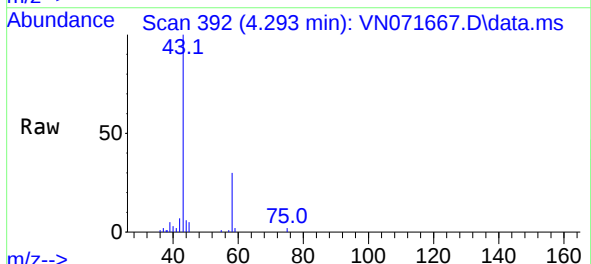
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

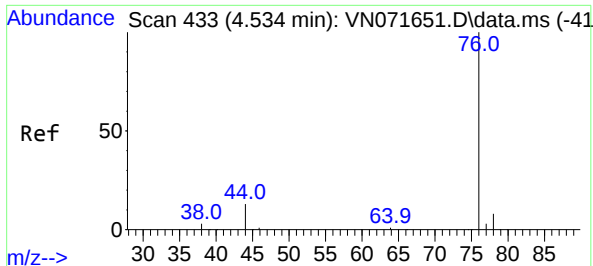
Tgt Ion:	53	Resp:	67405
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.4	99.6
51	36.5	28.5	42.7



#16
Acetone
Concen: 20.733 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:	43	Resp:	55891
Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.0	39.0

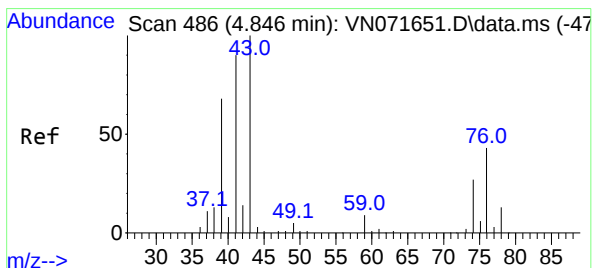
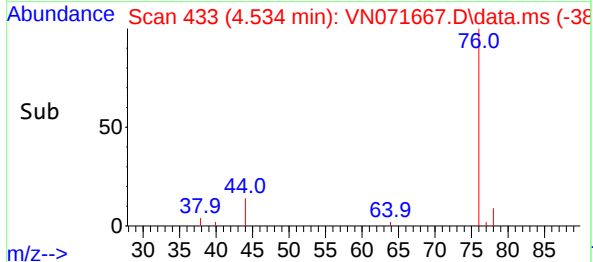
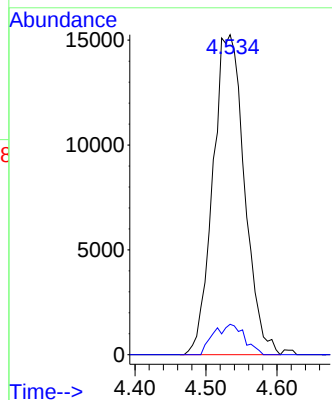
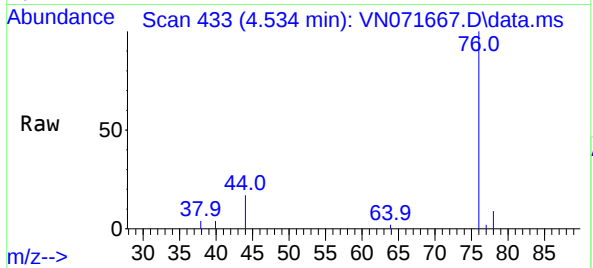




#17
Carbon Disulfide
Concen: 4.505 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

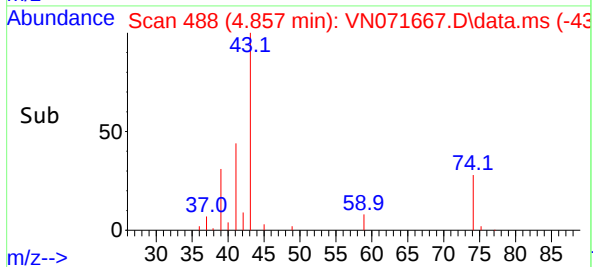
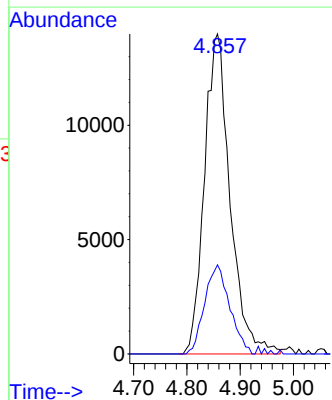
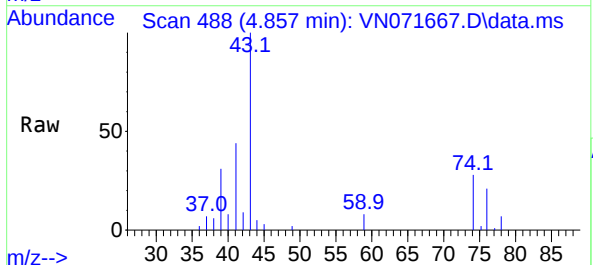
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 76 Resp: 47142
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 5.669 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 43 Resp: 46806
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4

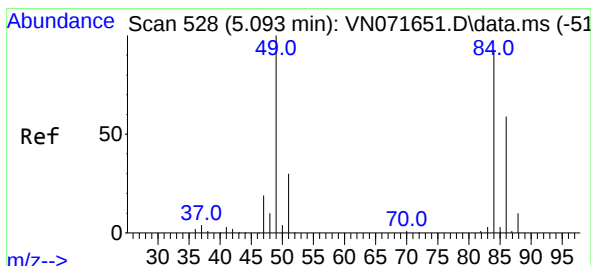
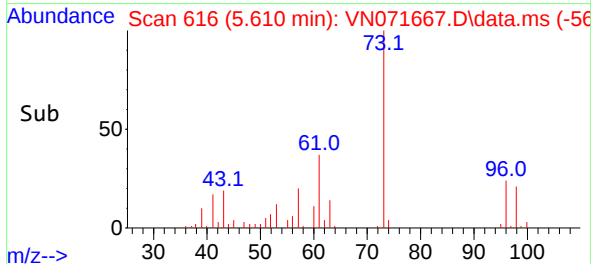
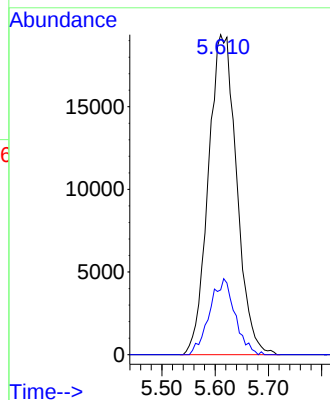
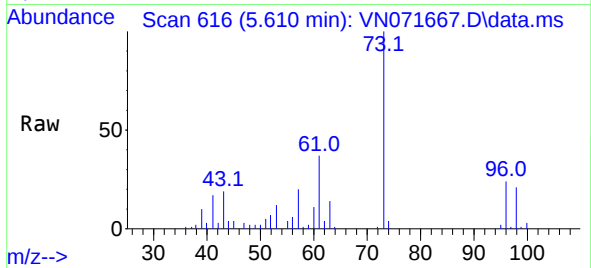




#19
Methyl tert-butyl Ether
Concen: 4.203 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

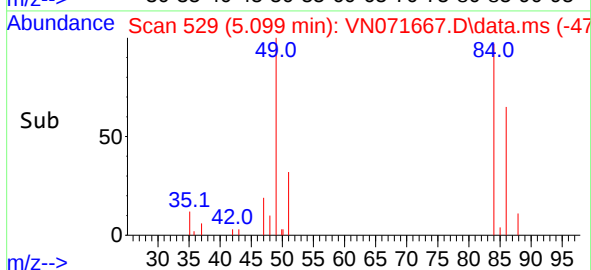
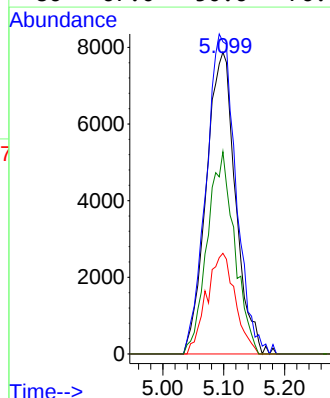
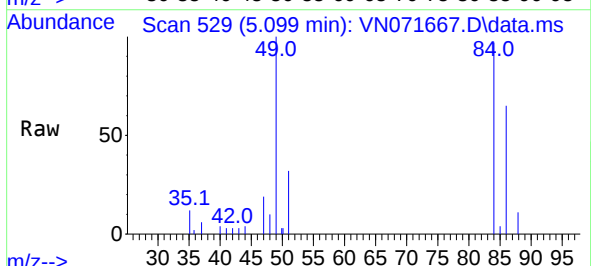
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

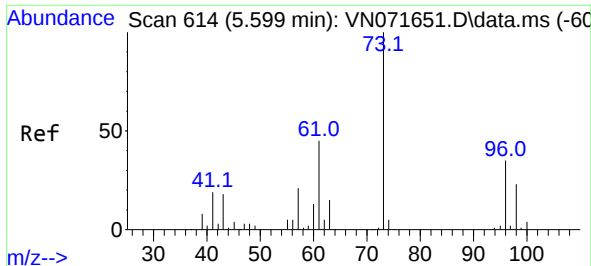
Tgt Ion: 73 Resp: 71212
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4



#20
Methylene Chloride
Concen: 4.617 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

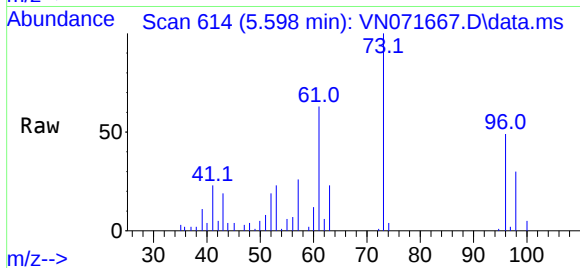
Tgt Ion: 84 Resp: 26235
Ion Ratio Lower Upper
84 100
49 103.5 88.3 132.5
51 33.4 28.2 42.2
86 67.0 50.6 76.0





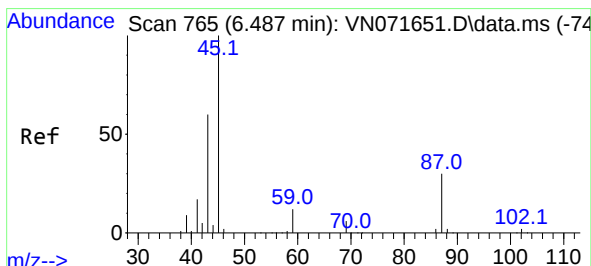
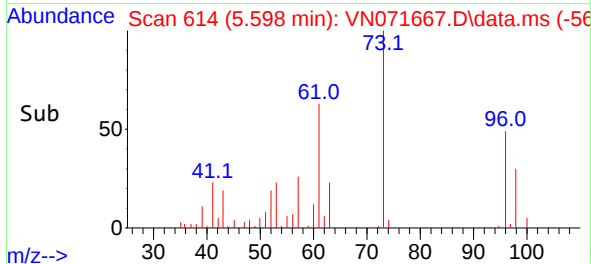
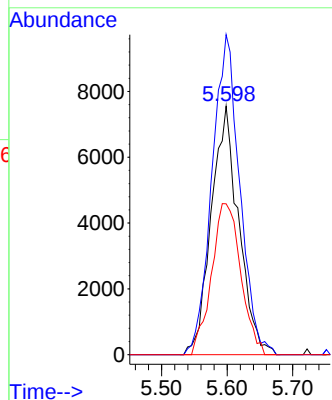
#21
trans-1,2-Dichloroethene
Concen: 4.383 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 96 Resp: 21942

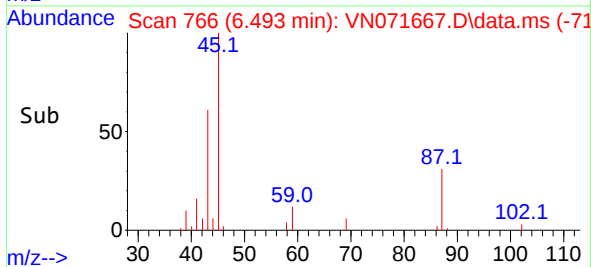
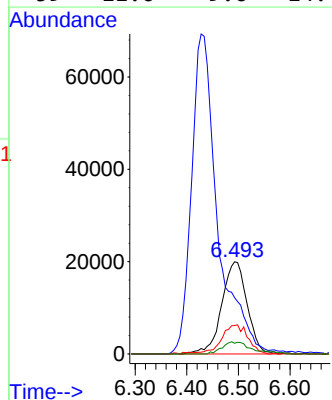
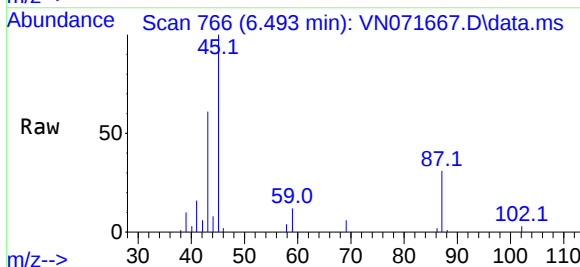
Ion	Ratio	Lower	Upper
96	100		
61	128.8	105.8	158.8
98	60.7	50.3	75.5

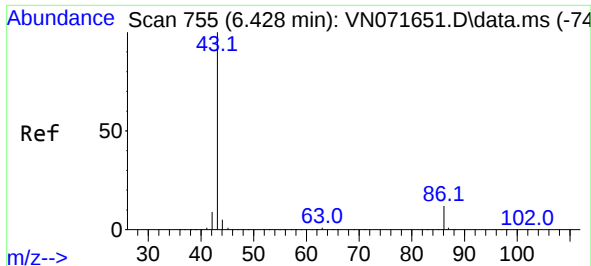


#22
Diisopropyl ether
Concen: 4.221 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 45 Resp: 68022

Ion	Ratio	Lower	Upper
45	100		
43	58.1	46.6	70.0
87	31.0	24.3	36.5
59	11.6	9.6	14.4

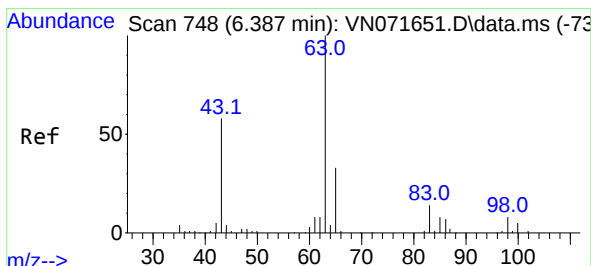
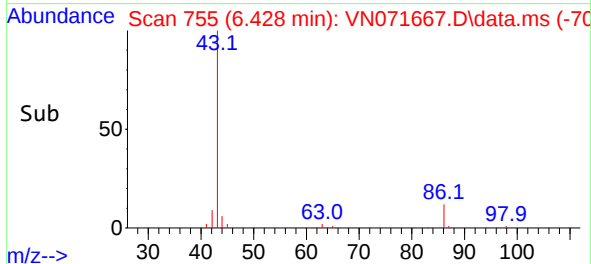
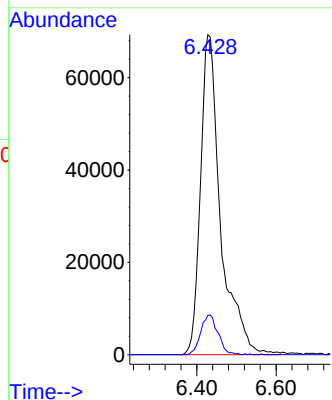
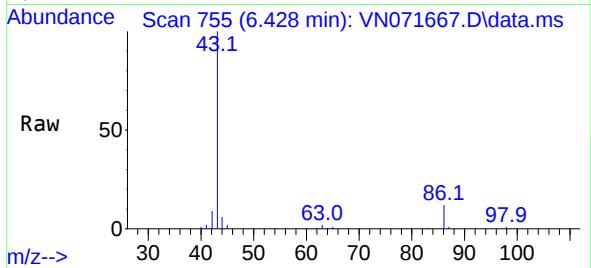




#23
 Vinyl Acetate
 Concen: 19.067 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

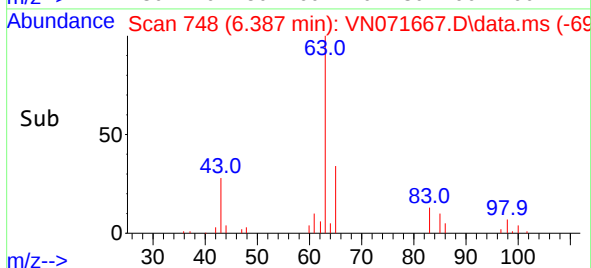
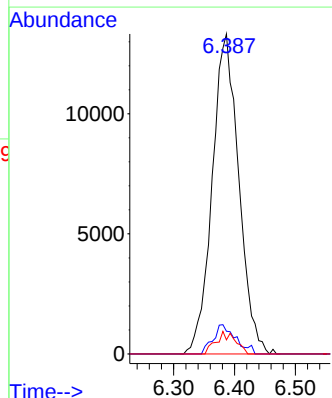
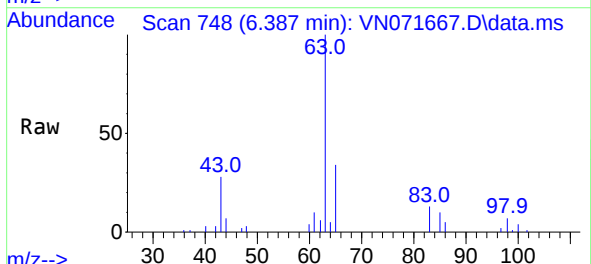
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

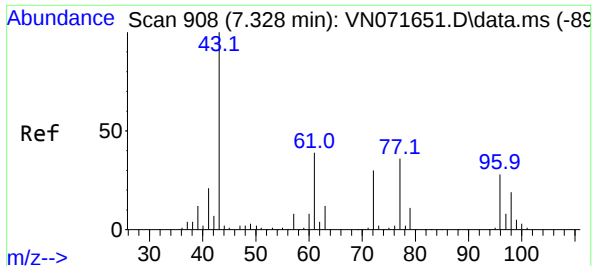
Tgt Ion: 43 Resp: 244343
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 4.276 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

Tgt Ion: 63 Resp: 40454
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 21.903 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

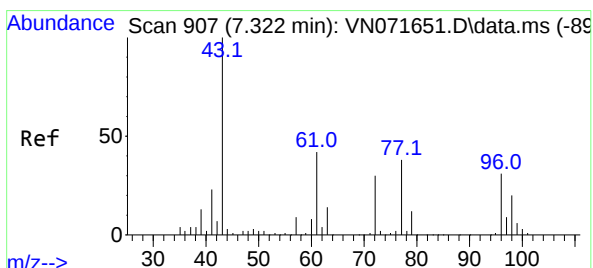
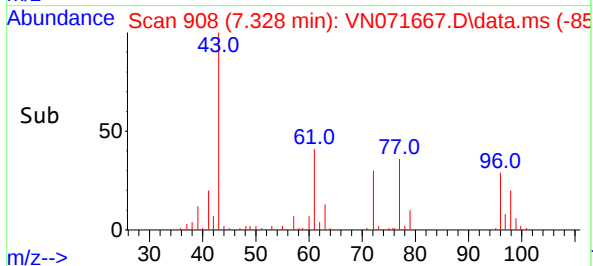
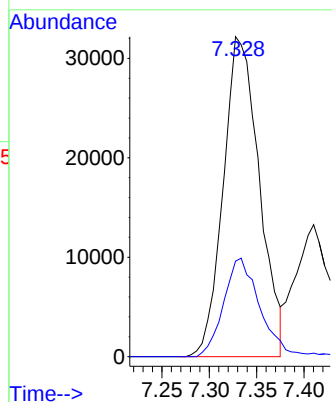
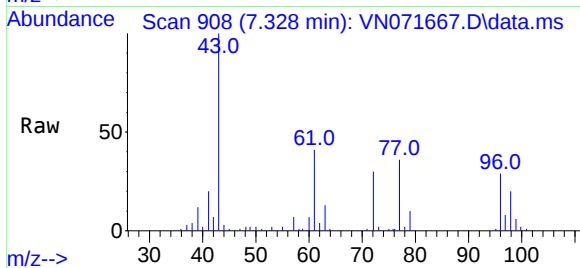
MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 85122

Ion Ratio Lower Upper

43 100

72 29.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 4.079 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071667.D

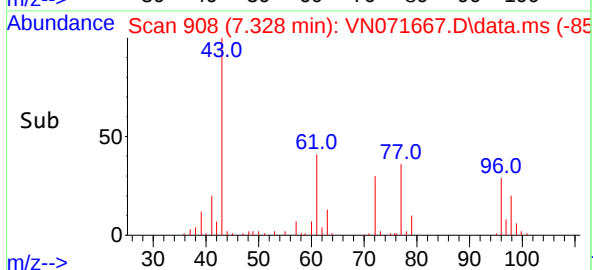
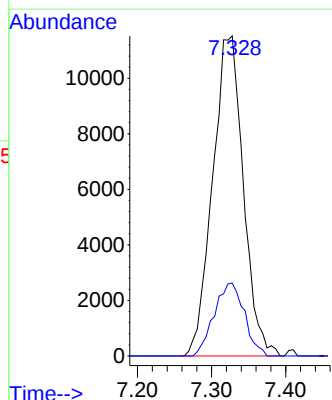
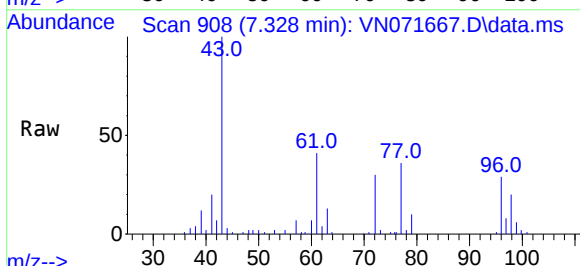
Acq: 30 Mar 2022 18:32

Tgt Ion: 77 Resp: 33150

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.352 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

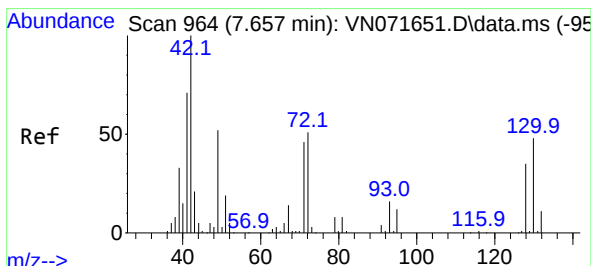
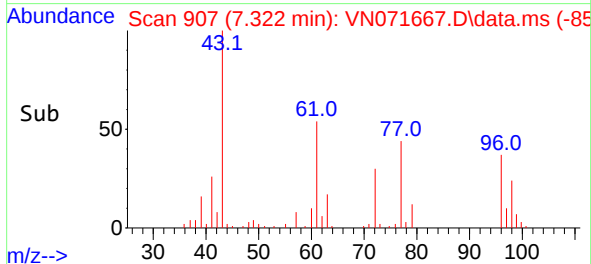
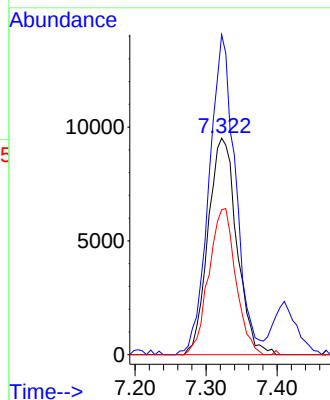
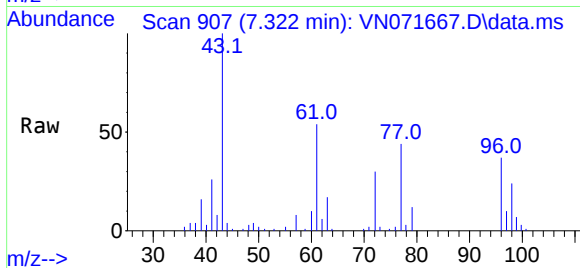
Tgt Ion: 96 Resp: 26716

Ion Ratio Lower Upper

96 100

61 136.4 0.0 280.6

98 63.3 0.0 128.4



#28

Bromochloromethane

Concen: 4.104 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

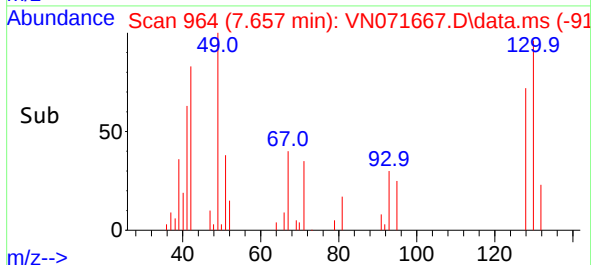
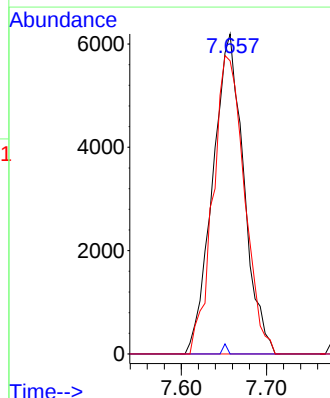
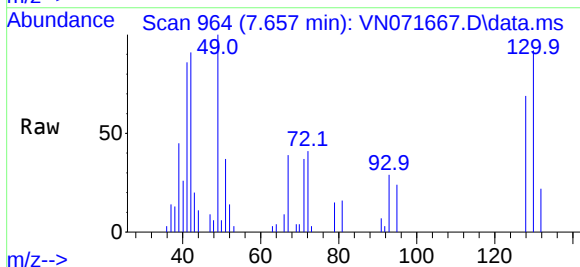
Tgt Ion: 49 Resp: 15663

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

130 94.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 22.424 ug/l

RT: 7.687 min Scan# 90

Delta R.T. 0.012 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

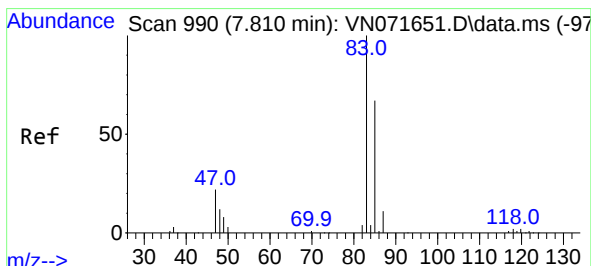
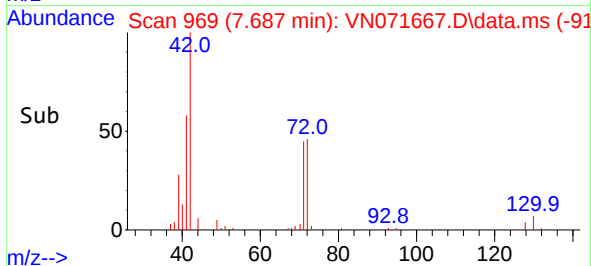
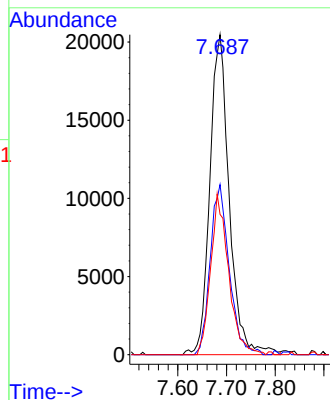
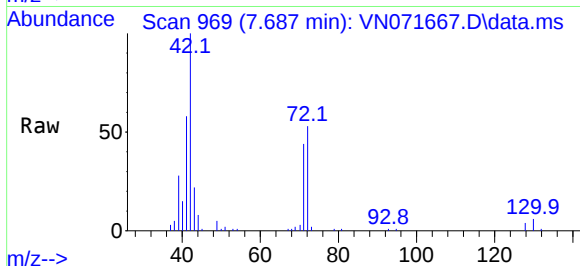
Tgt Ion: 42 Resp: 56428

Ion Ratio Lower Upper

42 100

72 52.1 39.7 59.5

71 46.6 36.6 55.0



#30

Chloroform

Concen: 4.406 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071667.D

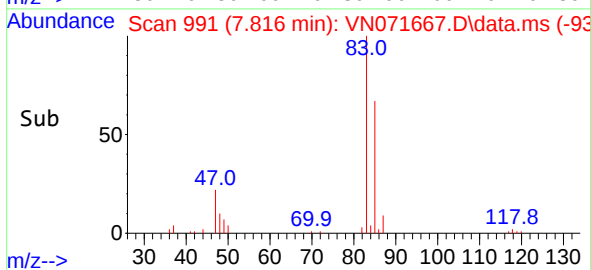
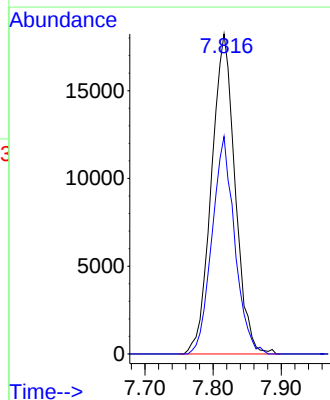
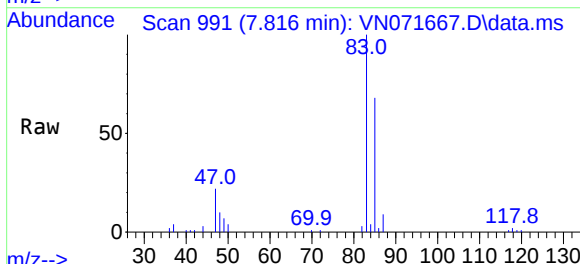
Acq: 30 Mar 2022 18:32

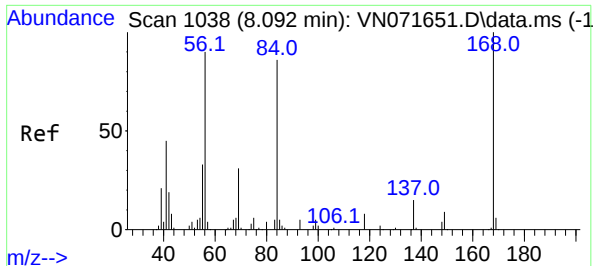
Tgt Ion: 83 Resp: 44011

Ion Ratio Lower Upper

83 100

85 68.0 51.8 77.8

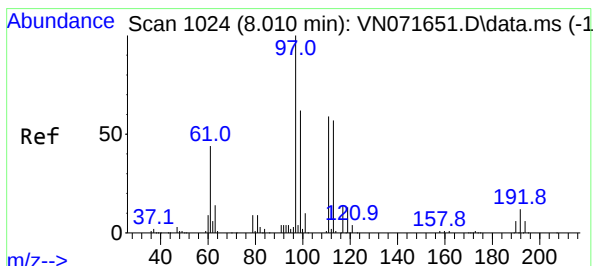
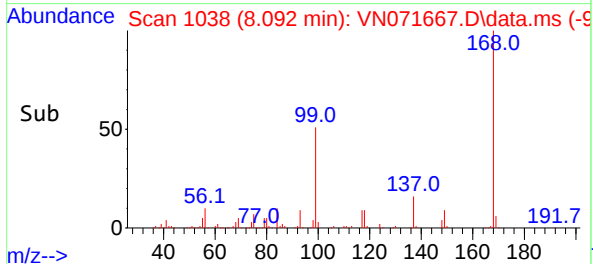
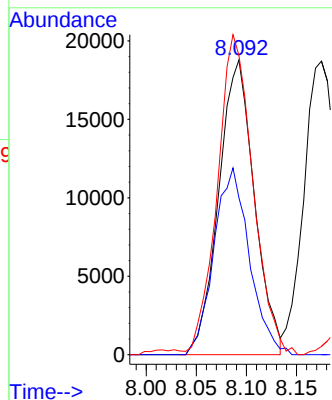
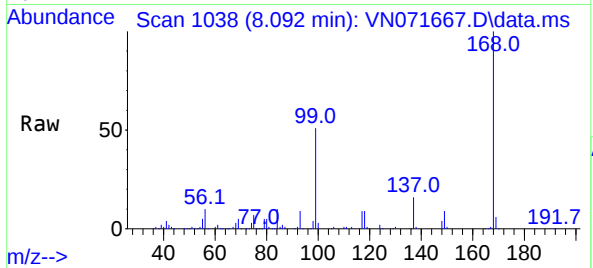




#31
Cyclohexane
Concen: 5.421 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

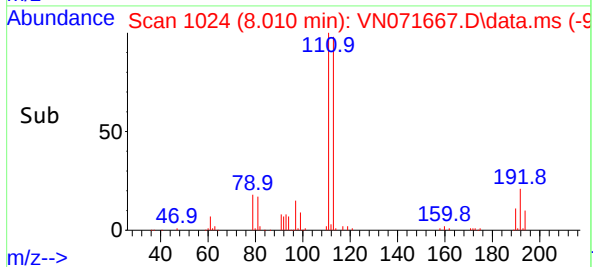
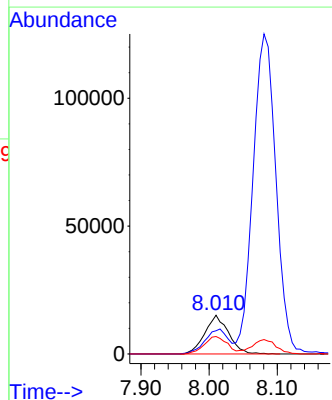
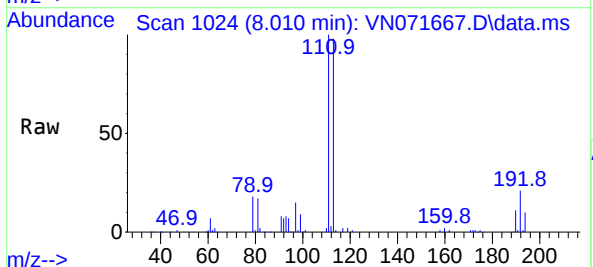
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

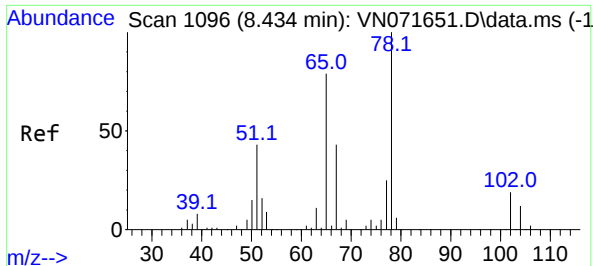
Tgt Ion: 56 Resp: 46501
Ion Ratio Lower Upper
56 100
69 53.2 27.8 41.8#
84 100.3 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 4.267 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 97 Resp: 36463
Ion Ratio Lower Upper
97 100
99 61.4 50.6 76.0
61 43.3 36.0 54.0

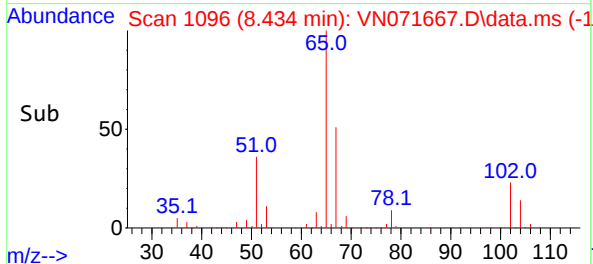
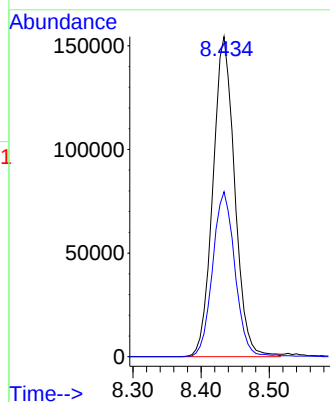
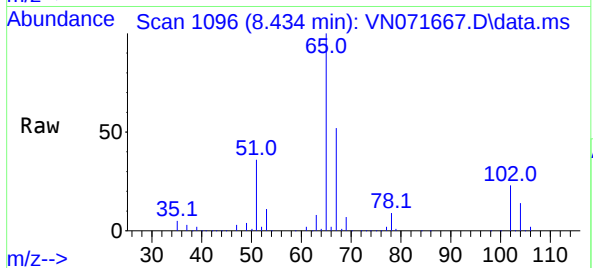




#33
1,2-Dichloroethane-d4
Concen: 54.477 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

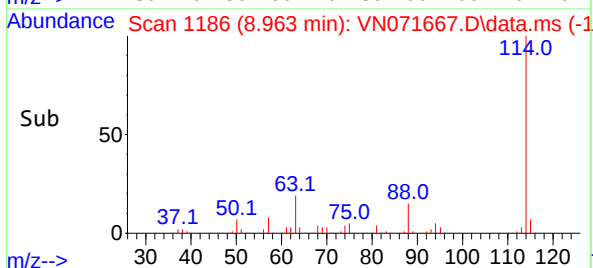
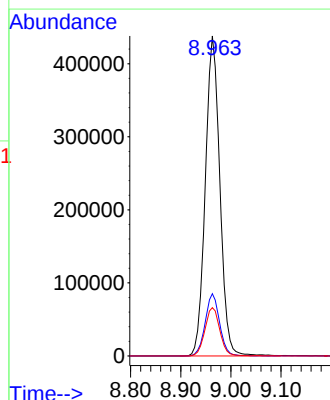
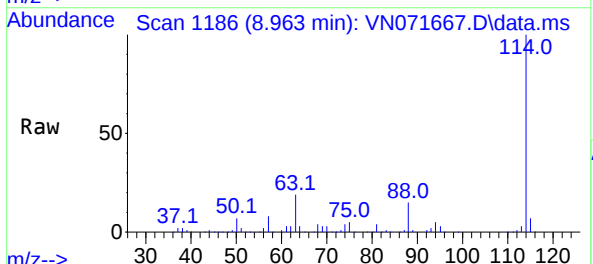
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

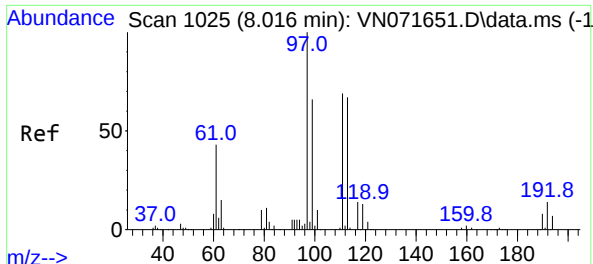
Tgt Ion: 65 Resp: 343632
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 114 Resp: 883179
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.1 0.0 32.6

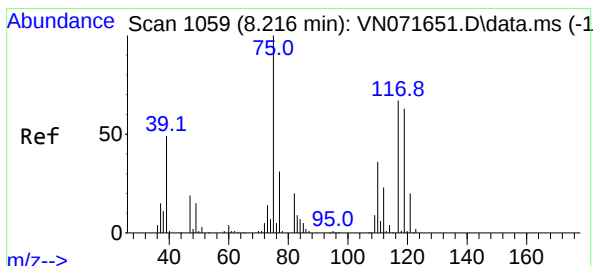
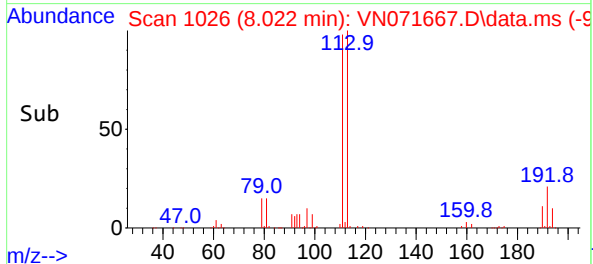
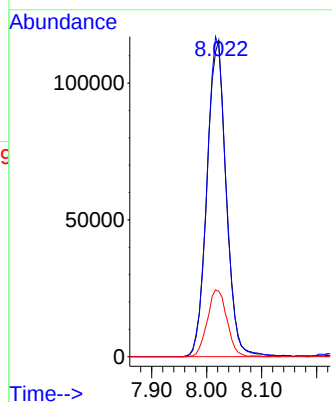
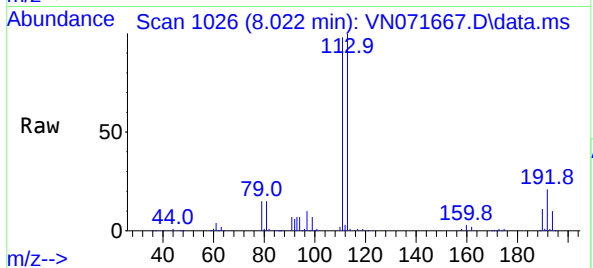




#35
Dibromofluoromethane
Concen: 53.947 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

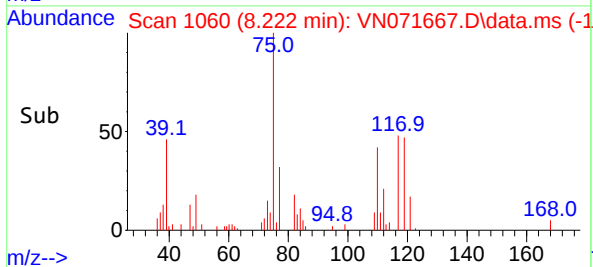
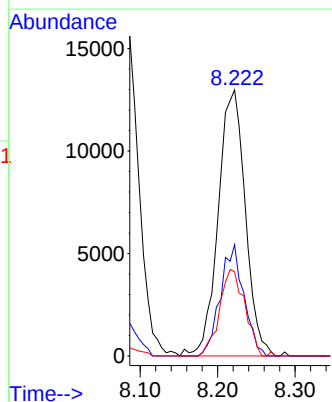
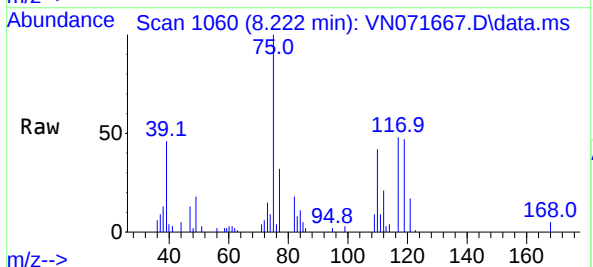
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

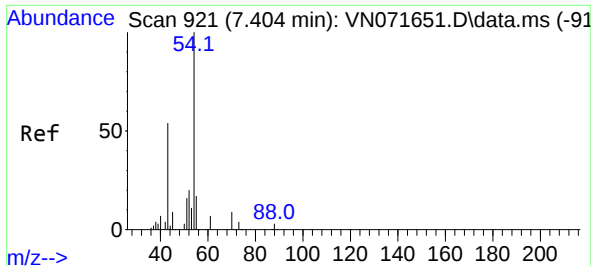
Tgt Ion:113 Resp: 280365
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 75 Resp: 31664
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 30.2 25.1 37.7

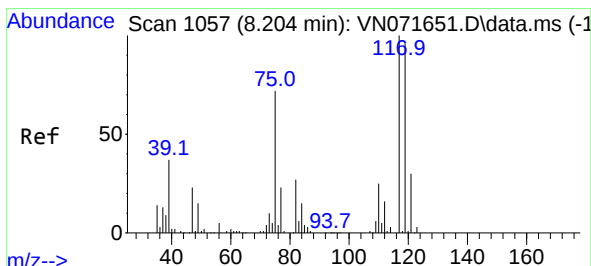
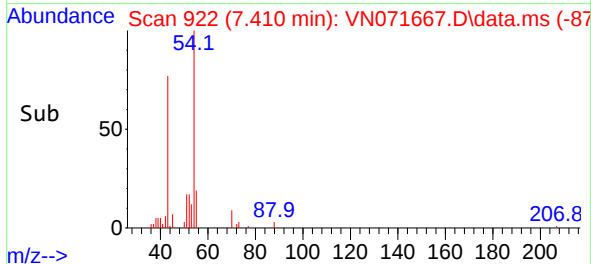
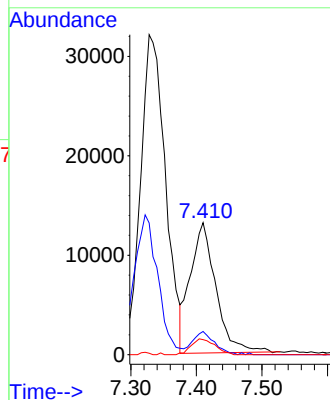
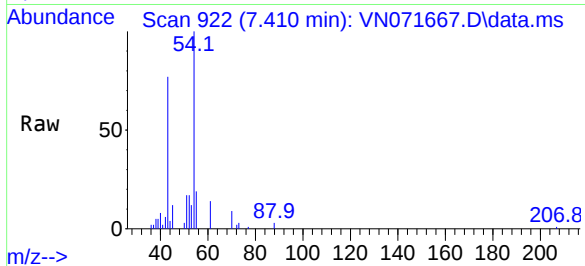




#37
Ethyl Acetate
Concen: 4.491 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

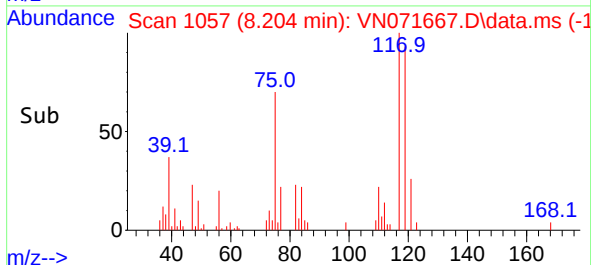
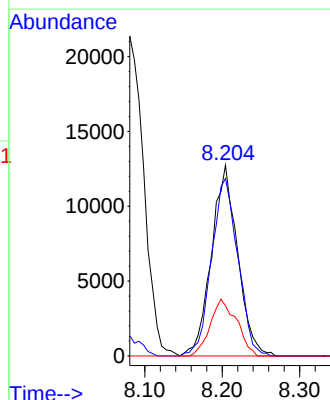
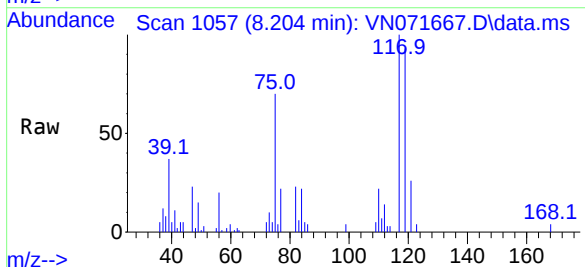
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 35672
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 4.224 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 117 Resp: 30041
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.8
121 26.4 24.6 37.0





#39

Methylcyclohexane

Concen: 4.169 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

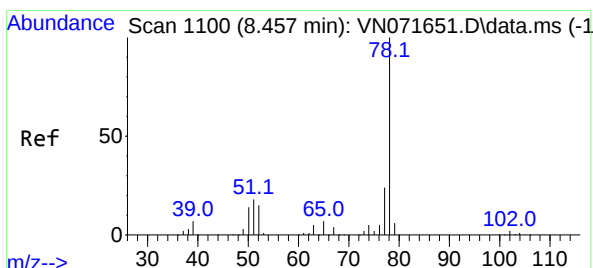
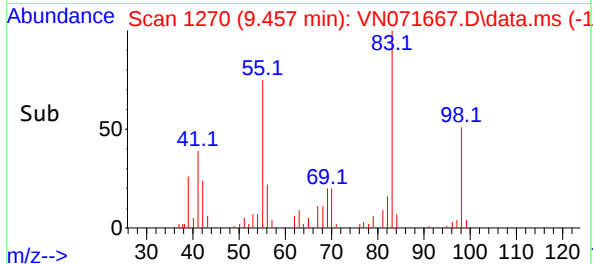
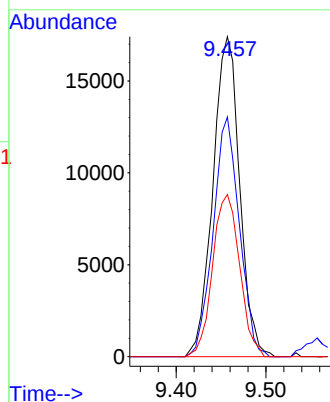
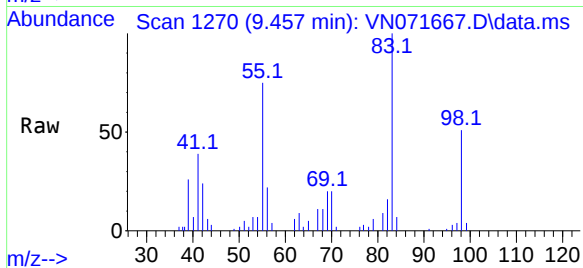
Tgt Ion: 83 Resp: 36020

Ion Ratio Lower Upper

83 100

55 74.9 57.8 86.8

98 50.7 39.4 59.2



#40

Benzene

Concen: 4.403 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071667.D

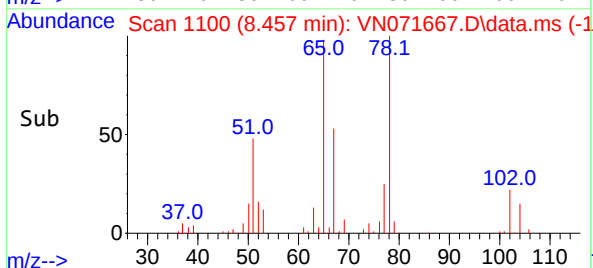
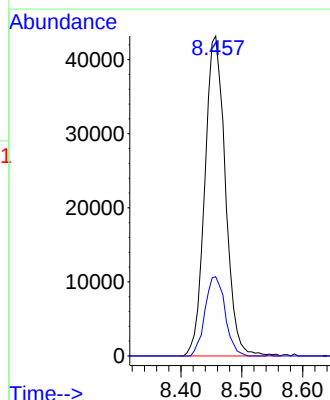
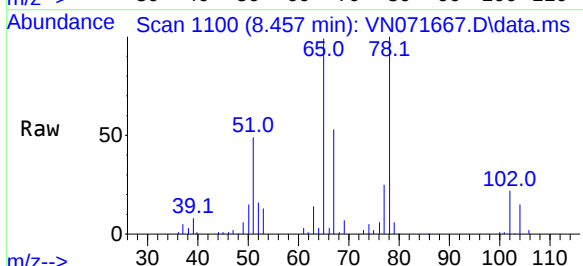
Acq: 30 Mar 2022 18:32

Tgt Ion: 78 Resp: 100948

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0



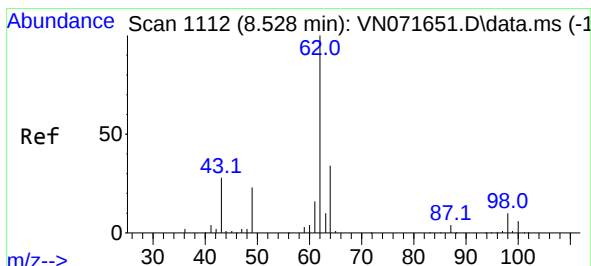
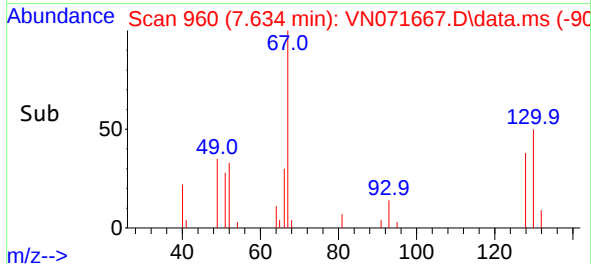
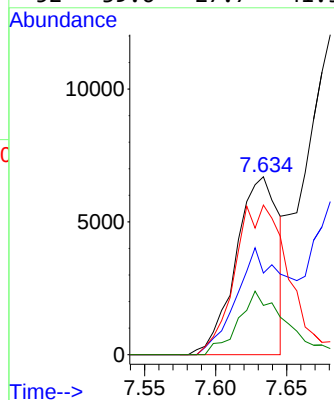
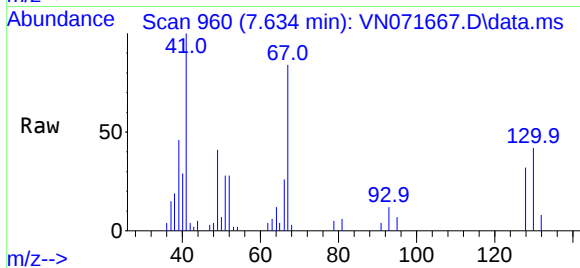


#41
Methacrylonitrile
Concen: 3.583 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 41 Resp: 13936

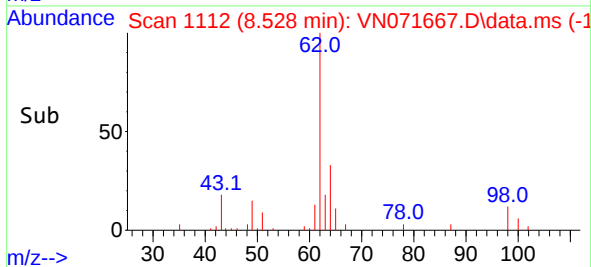
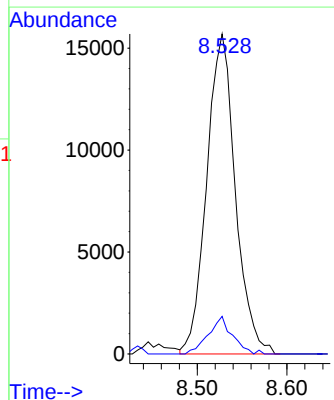
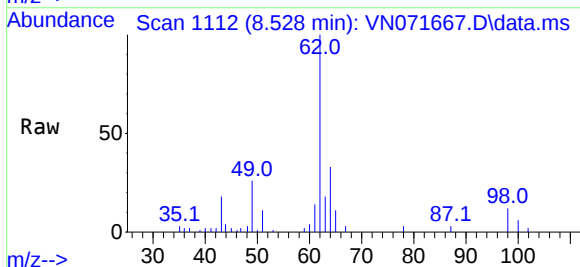
Ion	Ratio	Lower	Upper
41	100		
39	71.2	48.6	73.0
67	108.0	73.4	110.2
52	39.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 4.385 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 62 Resp: 34777

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 4.347 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

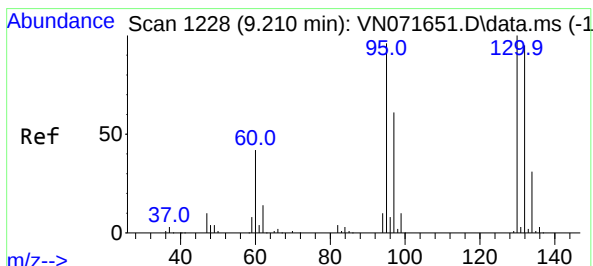
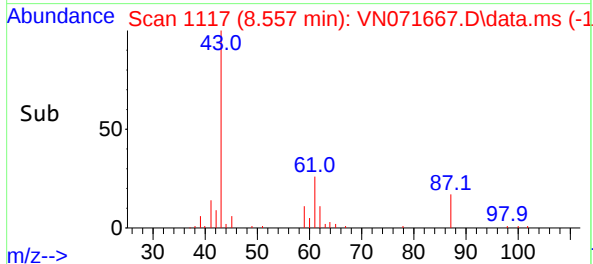
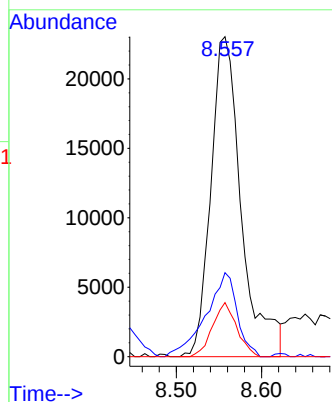
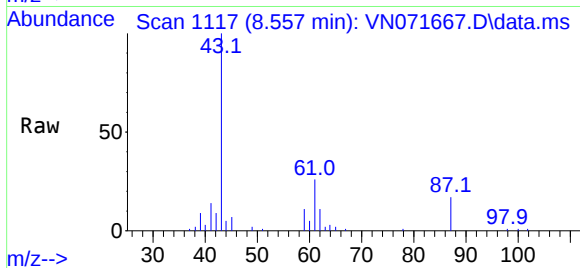
Tgt Ion: 43 Resp: 57434

Ion Ratio Lower Upper

43 100

61 26.8 21.9 32.9

87 13.4 12.0 18.0



#44

Trichloroethene

Concen: 4.243 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN071667.D

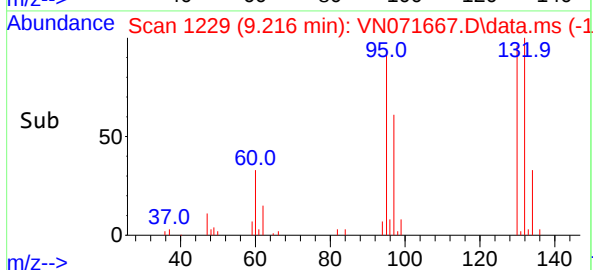
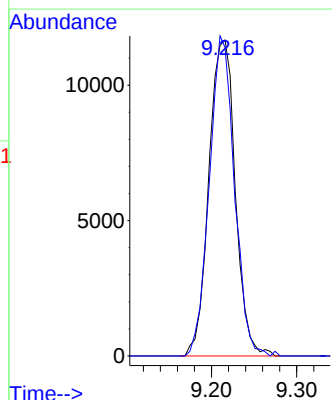
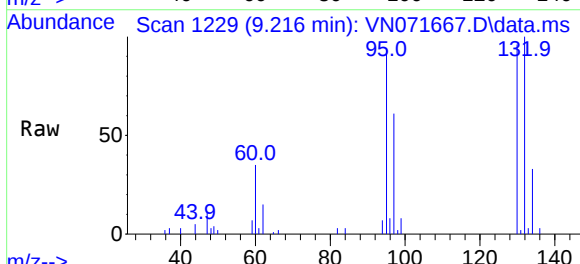
Acq: 30 Mar 2022 18:32

Tgt Ion:130 Resp: 25060

Ion Ratio Lower Upper

130 100

95 97.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 4.262 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

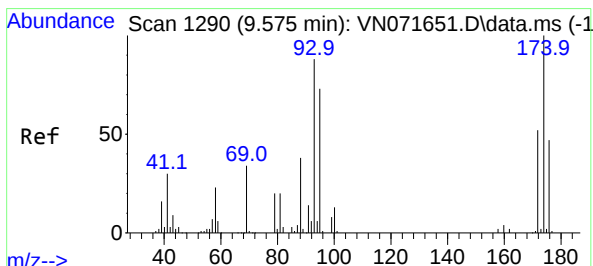
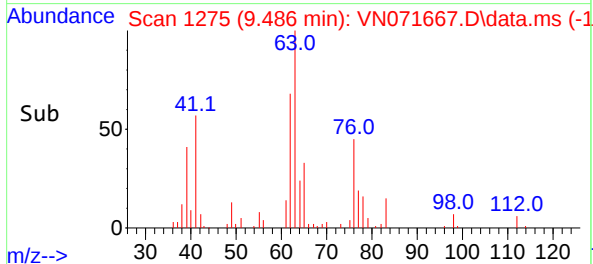
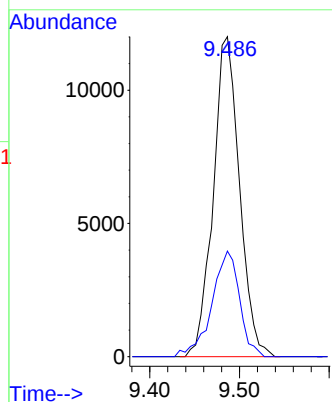
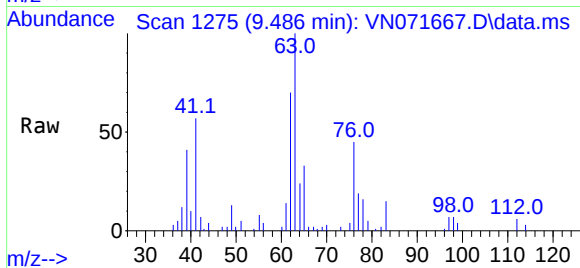
MDL-WATER-03-QT1-2022

Tgt Ion: 63 Resp: 24411

Ion Ratio Lower Upper

63 100

65 33.0 24.9 37.3



#46

Dibromomethane

Concen: 4.286 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

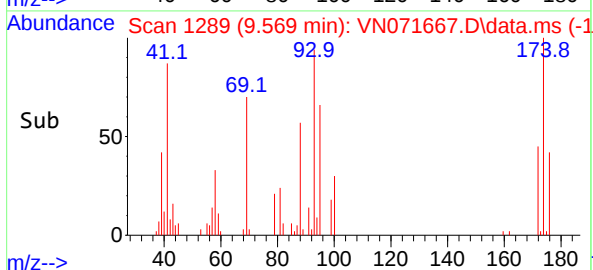
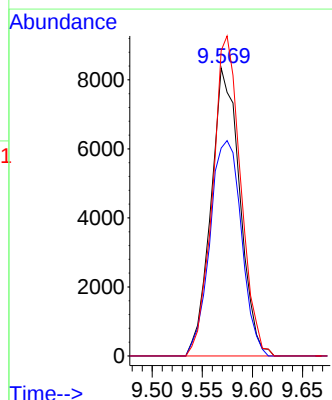
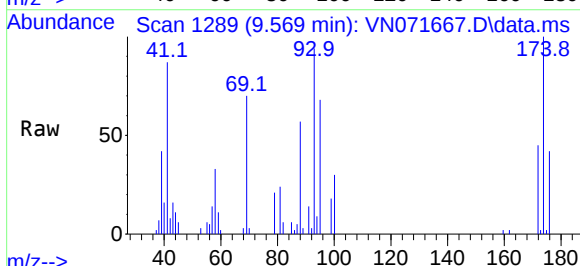
Tgt Ion: 93 Resp: 16665

Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

174 107.9 86.6 130.0

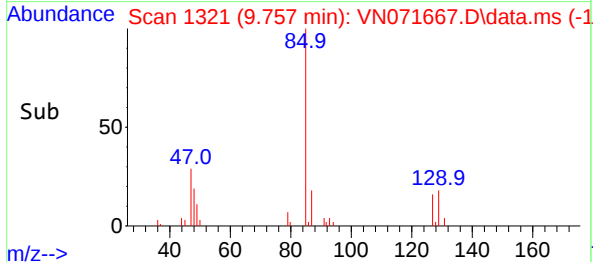
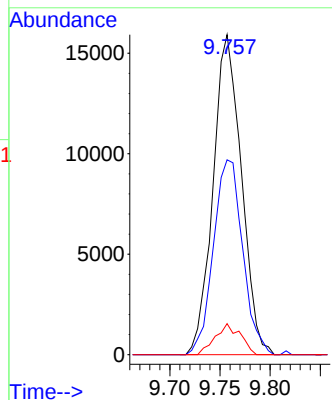
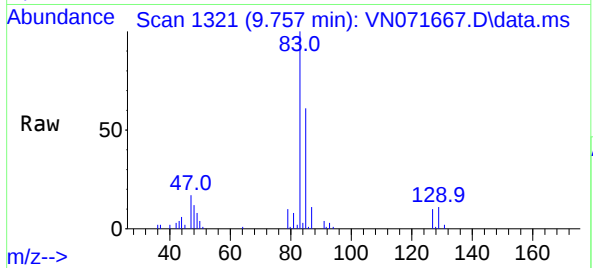




#47
Bromodichloromethane
Concen: 4.083 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

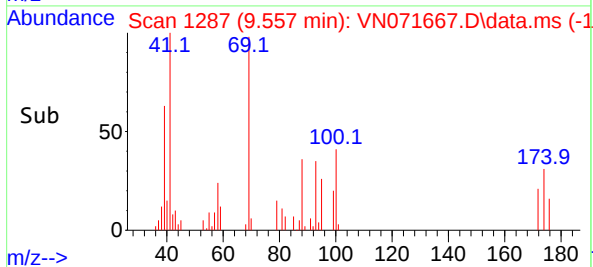
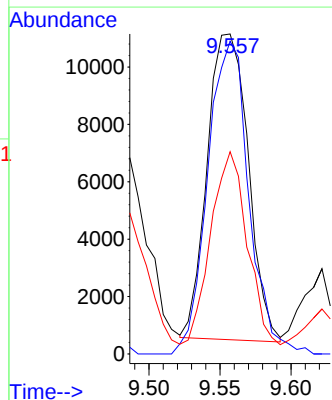
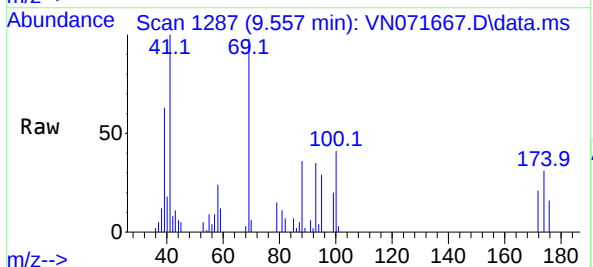
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

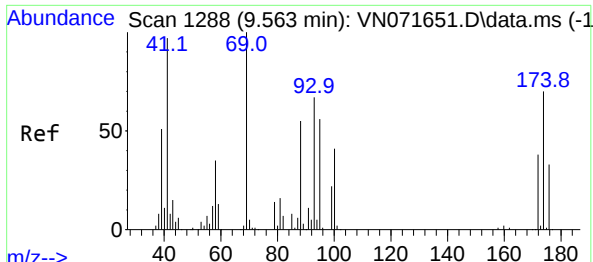
Tgt Ion:	83	Resp:	31255
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.5	75.7
127	9.7	6.8	10.2



#48
Methyl methacrylate
Concen: 3.894 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

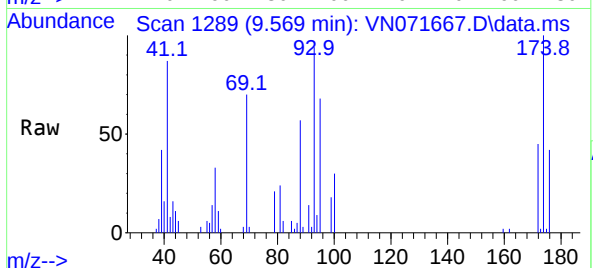
Tgt Ion:	41	Resp:	21343
Ion	Ratio	Lower	Upper
41	100		
69	103.2	74.7	112.1
39	62.2	45.6	68.4



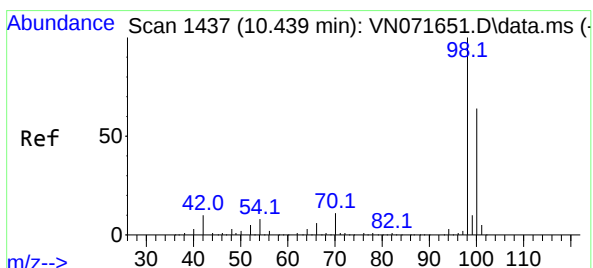
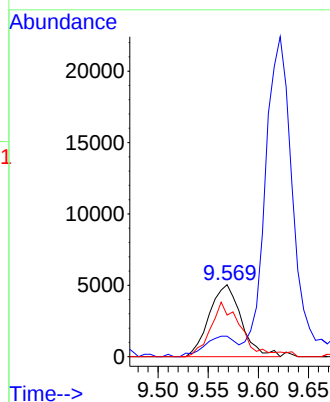
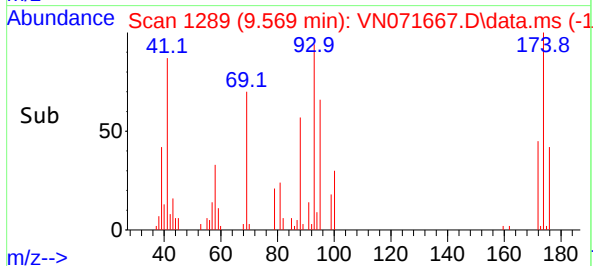


#49
1,4-Dioxane
Concen: 73.012 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

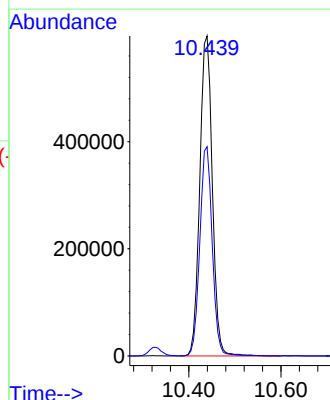
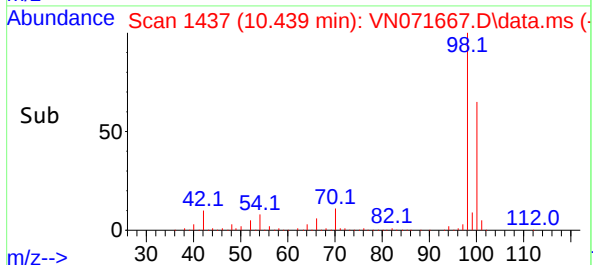
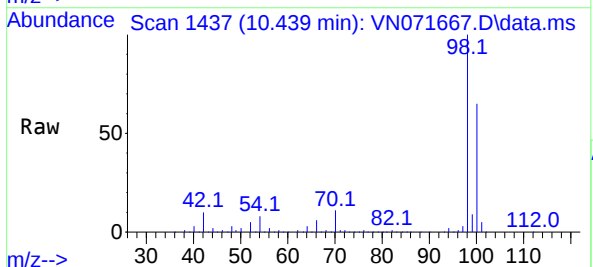


Tgt Ion: 88 Resp: 11160
Ion Ratio Lower Upper
88 100
43 27.8 20.2 30.4
58 70.4 54.2 81.4



#50
Toluene-d8
Concen: 53.335 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 98 Resp: 1133881
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 21.770 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

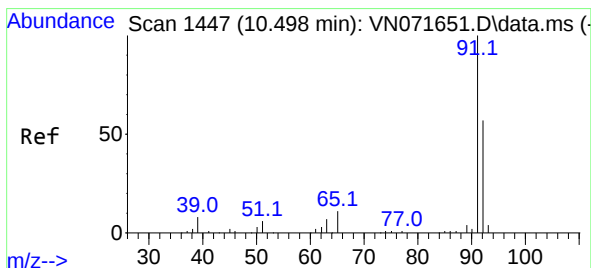
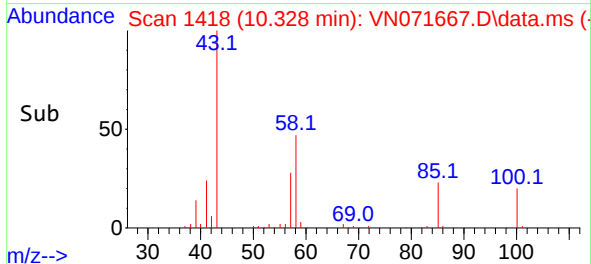
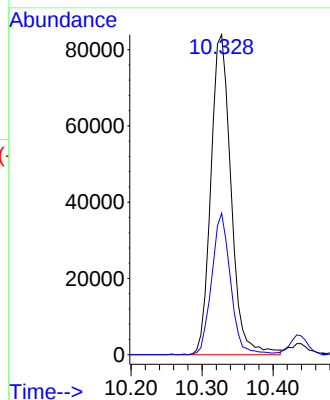
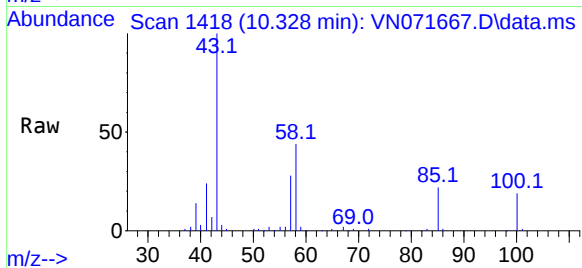
MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 165375

Ion Ratio Lower Upper

43 100

58 41.4 34.1 51.1



#52

Toluene

Concen: 4.394 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN071667.D

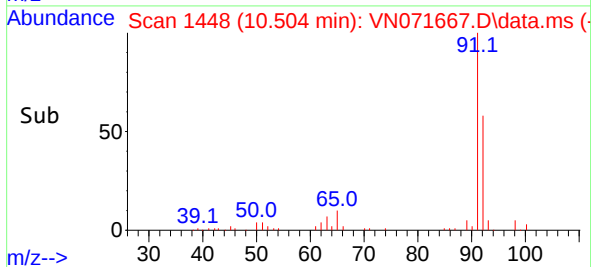
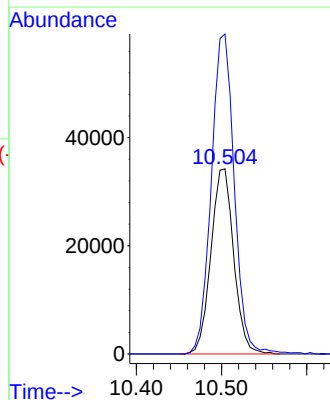
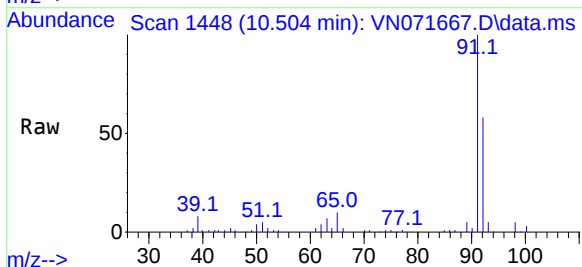
Acq: 30 Mar 2022 18:32

Tgt Ion: 92 Resp: 63683

Ion Ratio Lower Upper

92 100

91 174.5 138.6 207.8

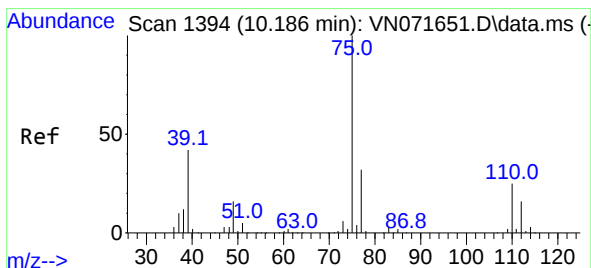
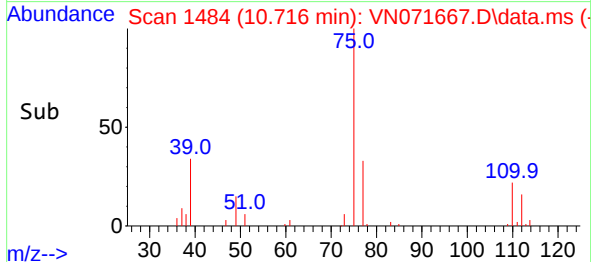
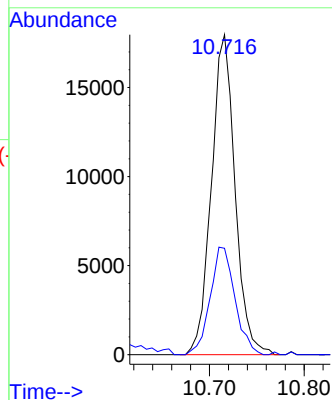
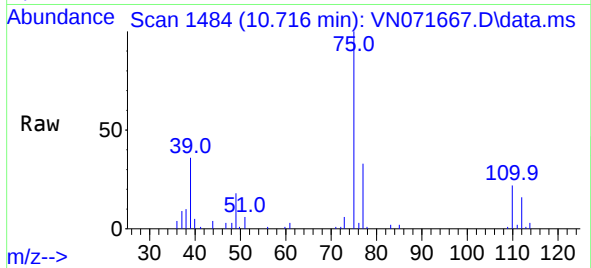




#53
 t-1,3-Dichloropropene
 Concen: 3.881 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

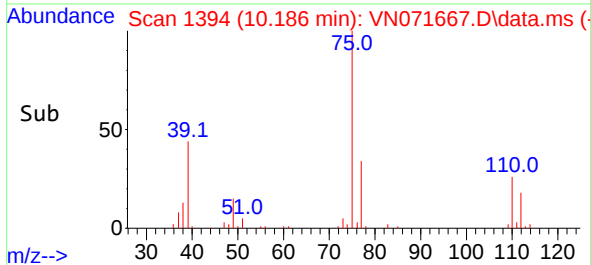
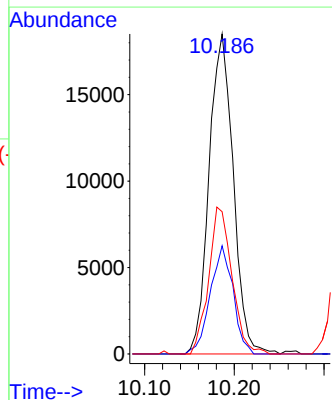
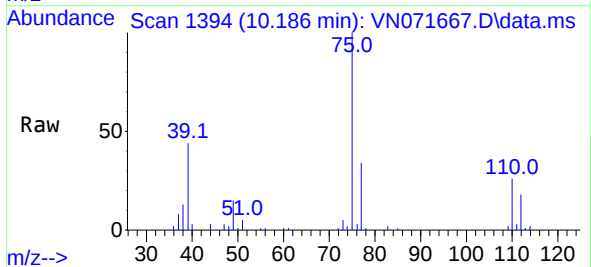
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Tgt Ion: 75 Resp: 31135
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 3.910 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

Tgt Ion: 75 Resp: 34660
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.2 37.8
 39 44.5 35.7 53.5

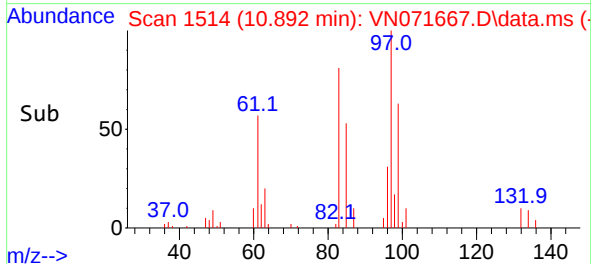
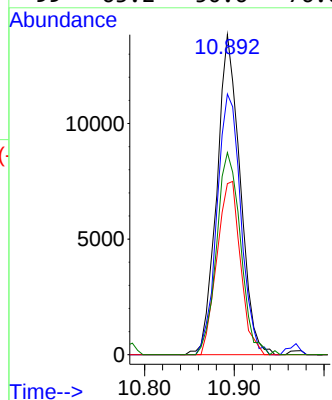
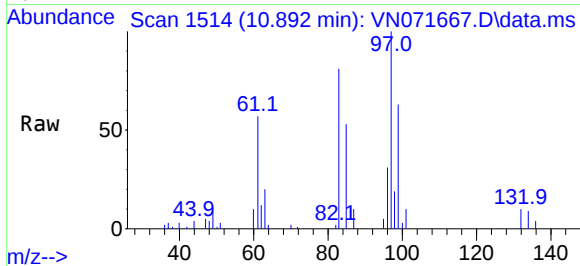




#55
1,1,2-Trichloroethane
Concen: 4.177 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

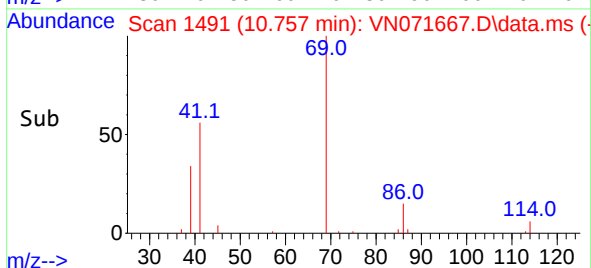
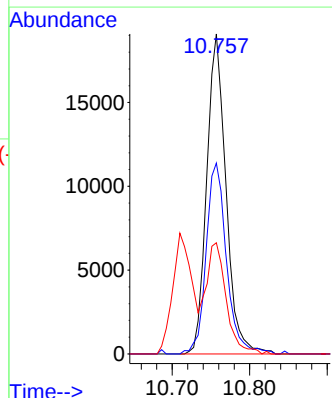
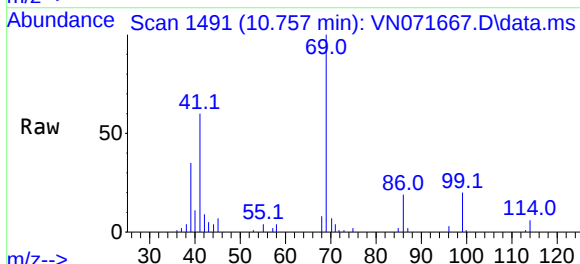
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

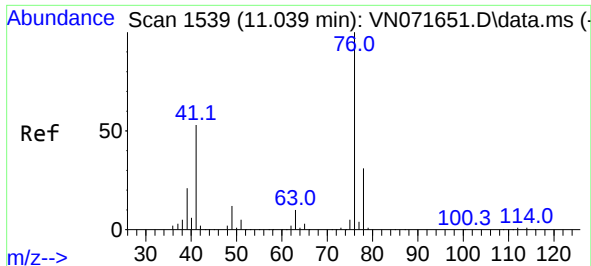
Tgt Ion: 97	Resp: 24913
Ion Ratio	Lower Upper
97 100	
83 81.4	66.2 99.4
85 53.5	43.9 65.9
99 63.2	50.6 76.0



#56
Ethyl methacrylate
Concen: 3.871 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 69	Resp: 32933
Ion Ratio	Lower Upper
69 100	
41 63.3	47.8 71.6
39 36.9	27.3 40.9





#57

1,3-Dichloropropane

Concen: 4.365 ug/l

RT: 11.039 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

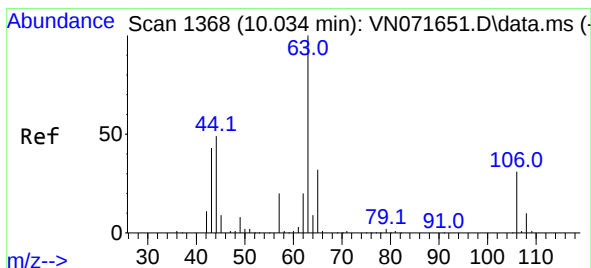
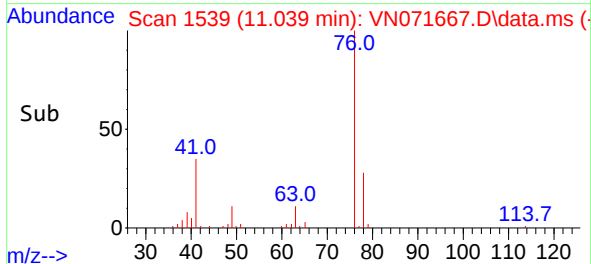
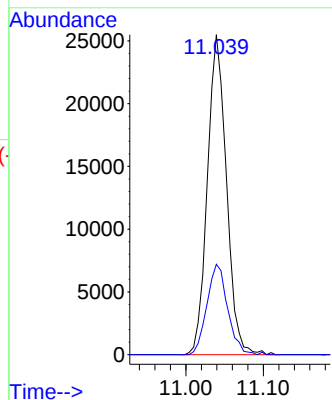
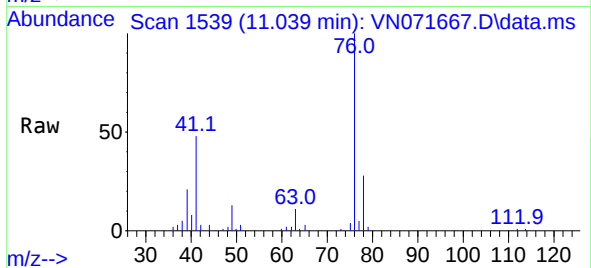
MDL-WATER-03-QT1-2022

Tgt Ion: 76 Resp: 43525

Ion Ratio Lower Upper

76 100

78 30.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 28.654 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071667.D

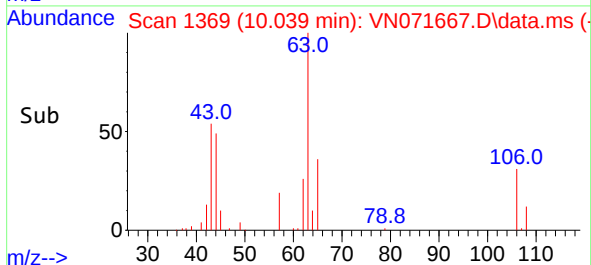
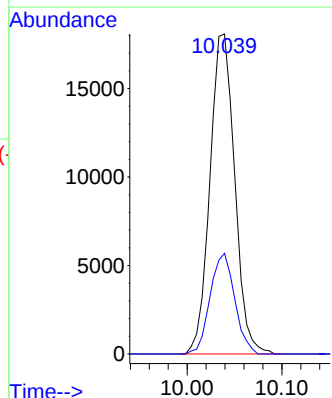
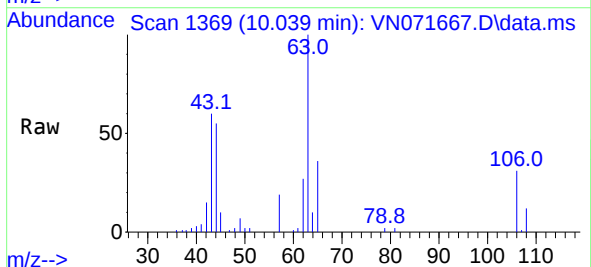
Acq: 30 Mar 2022 18:32

Tgt Ion: 63 Resp: 32844

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

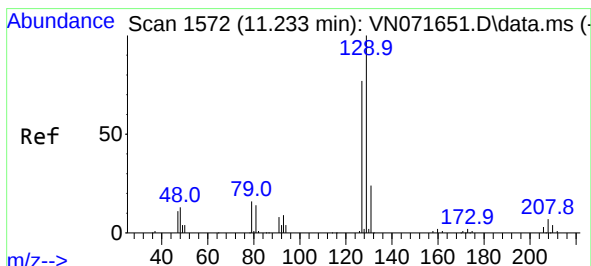
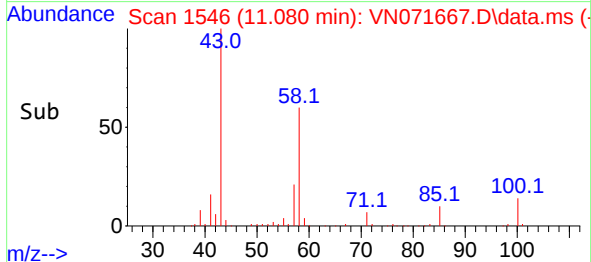
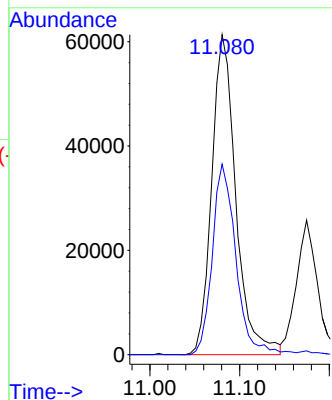
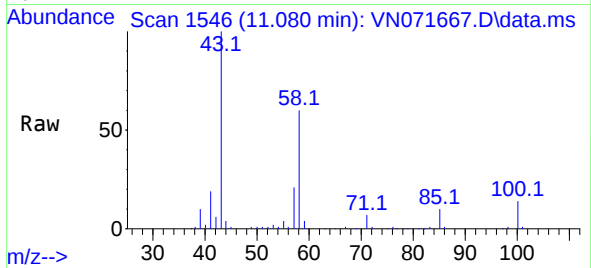




#59
2-Hexanone
Concen: 21.436 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

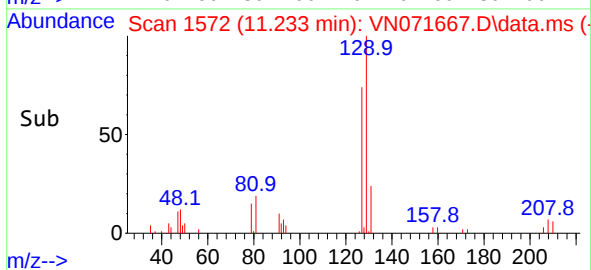
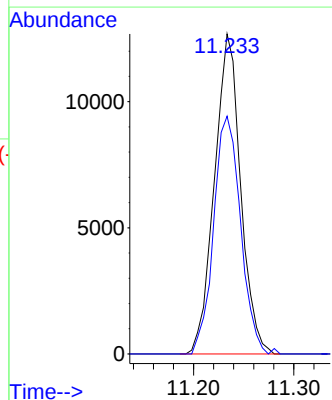
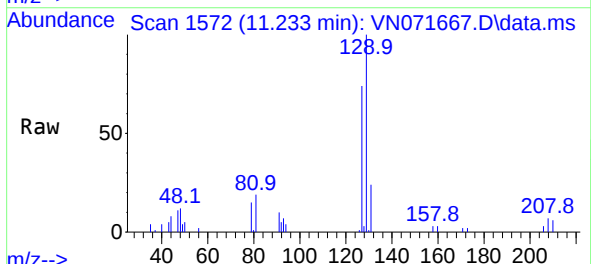
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

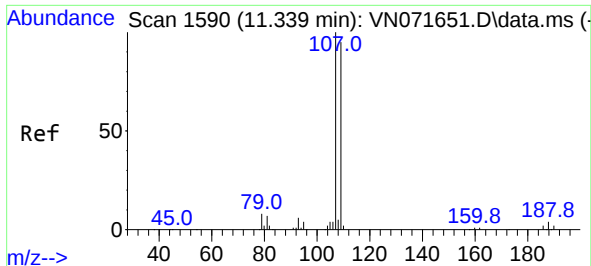
Tgt Ion: 43 Resp: 114643
Ion Ratio Lower Upper
43 100
58 58.3 29.7 89.1



#60
Dibromochloromethane
Concen: 3.956 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:129 Resp: 23006
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4

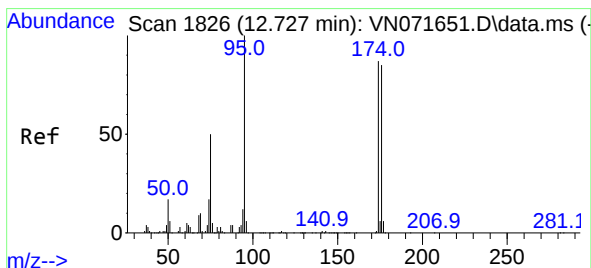
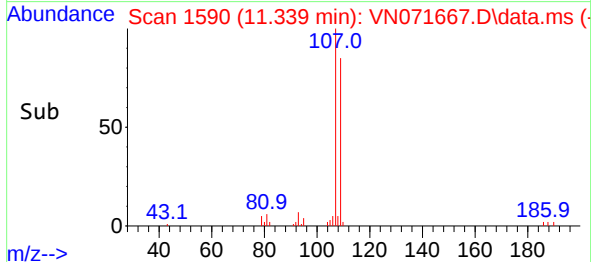
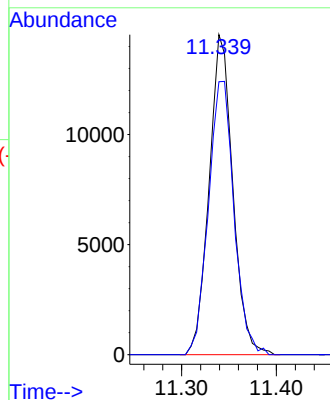
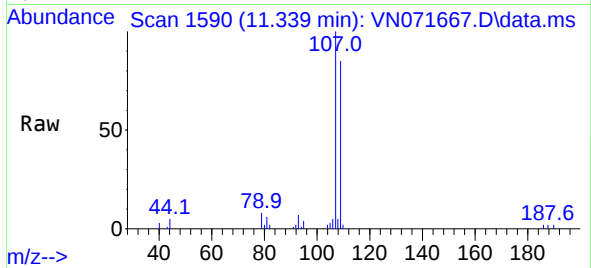




#61
1,2-Dibromoethane
Concen: 4.292 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

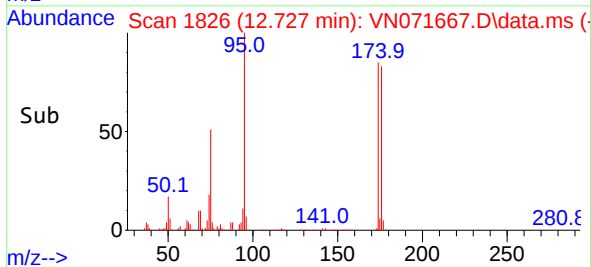
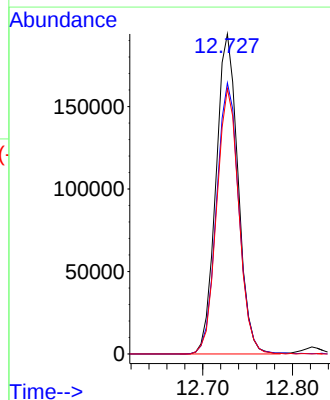
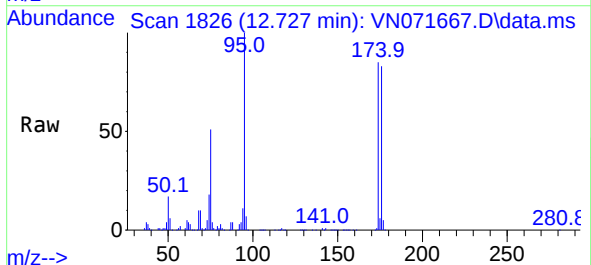
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

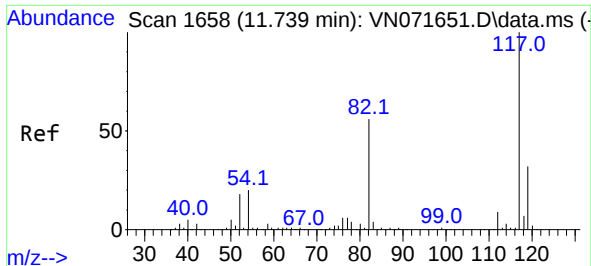
Tgt Ion:107 Resp: 25201
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 95 Resp: 331191
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 83.0 0.0 163.4

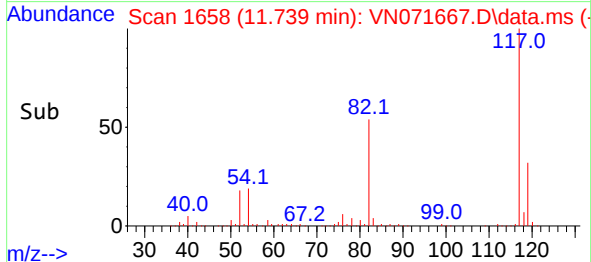
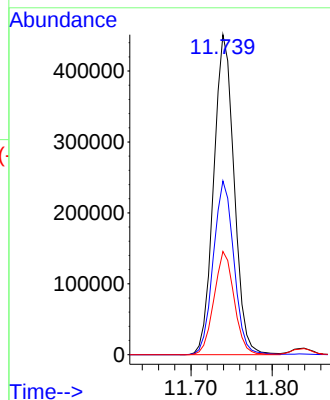
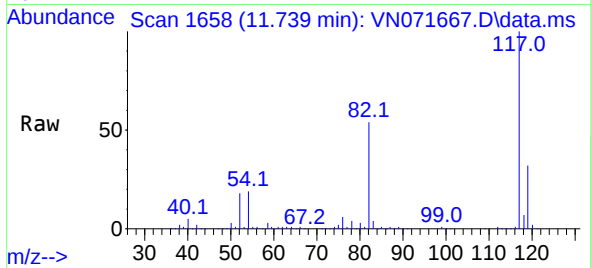




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

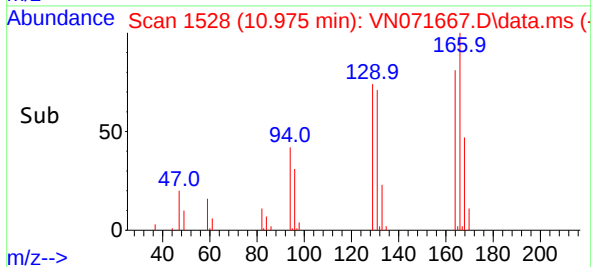
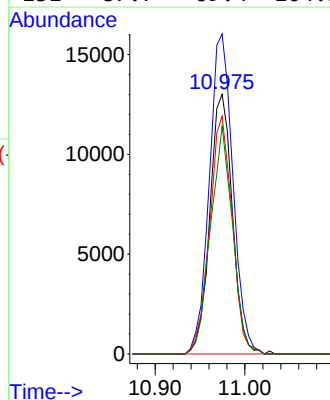
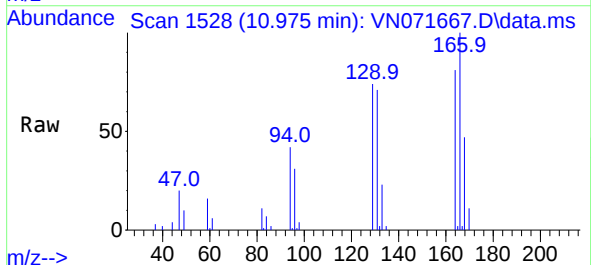
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

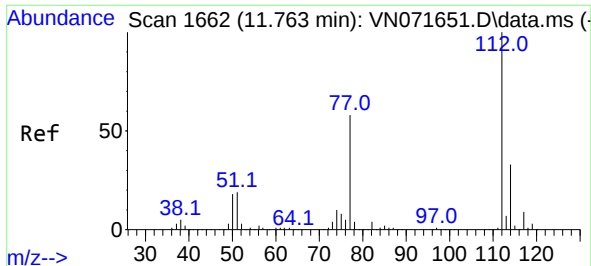
Tgt Ion:117 Resp: 790495
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 4.340 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:164 Resp: 22653
Ion Ratio Lower Upper
164 100
166 123.2 104.2 156.2
129 91.5 73.9 110.9
131 87.7 69.4 104.2

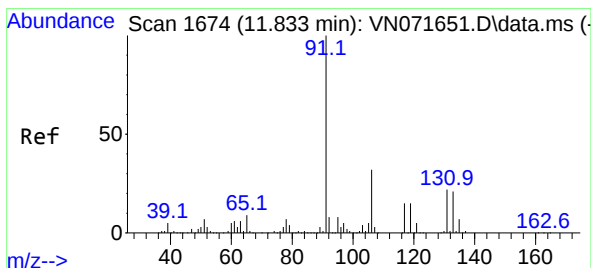
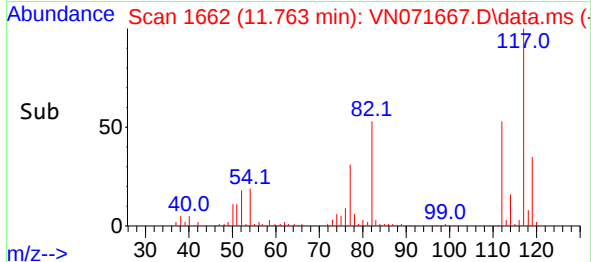
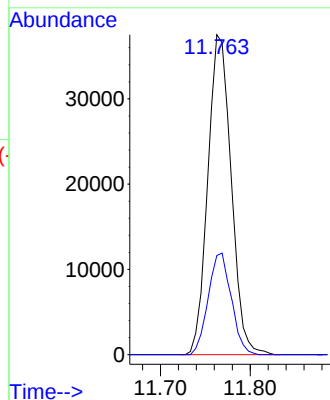
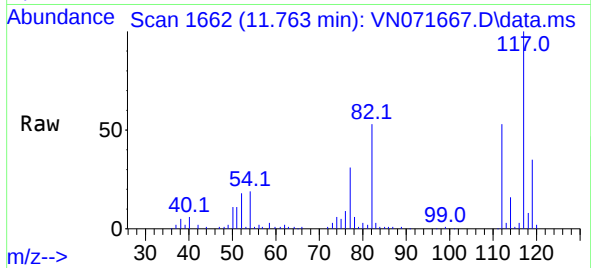




#65
Chlorobenzene
Concen: 4.288 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

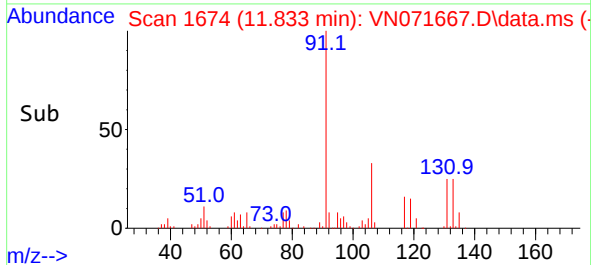
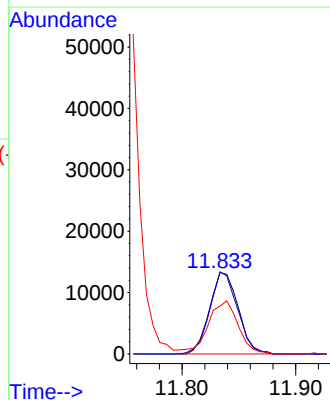
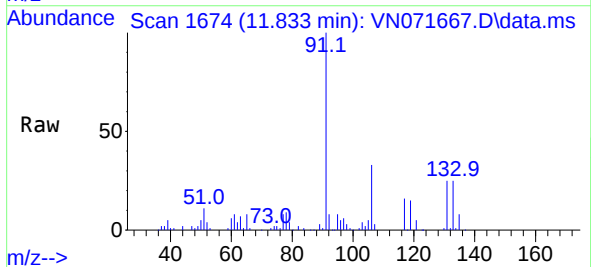
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

Tgt Ion:112 Resp: 67879
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.060 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:131 Resp: 23189
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.4
119 68.4 33.4 100.2

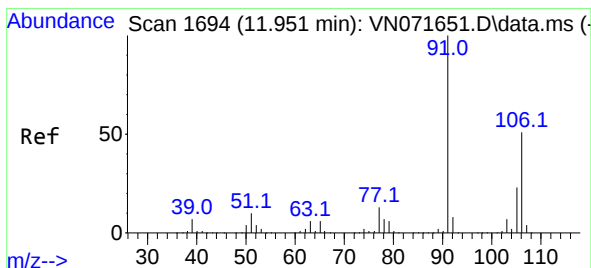
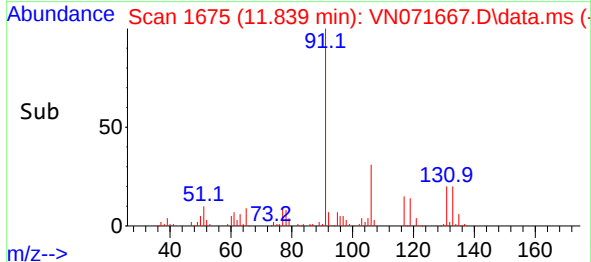
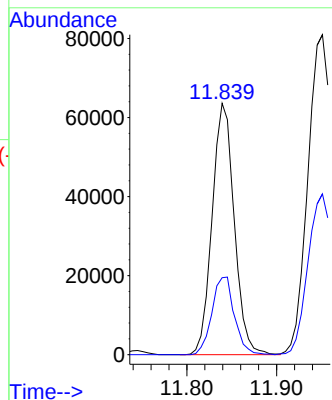
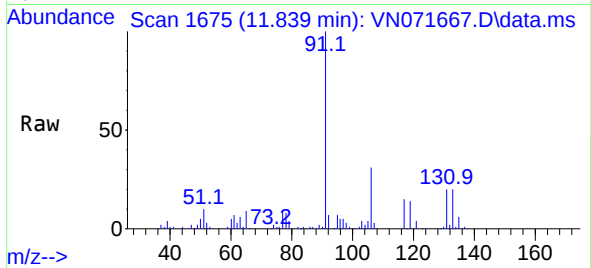




#67
Ethyl Benzene
Concen: 4.059 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

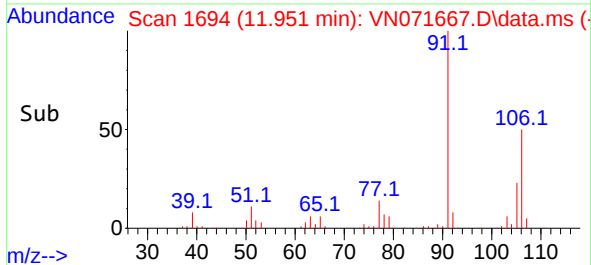
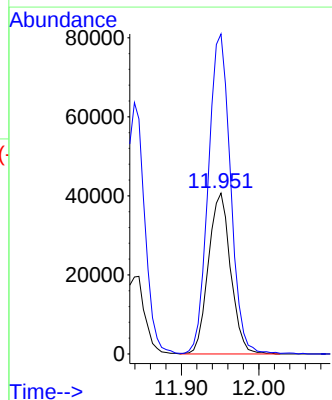
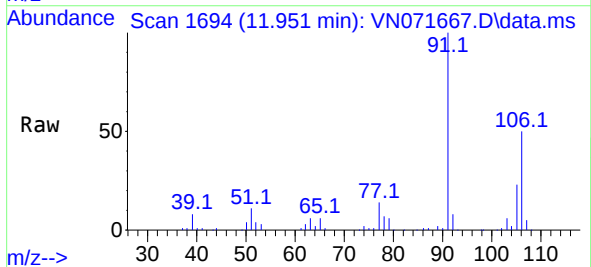
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

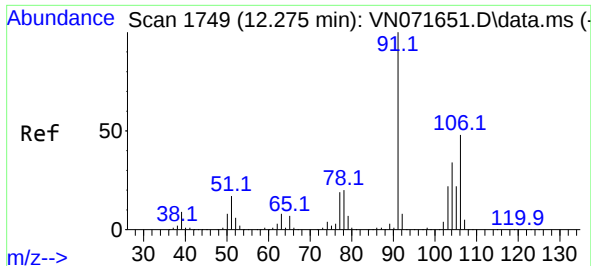
Tgt Ion: 91 Resp: 108754
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 7.893 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 106 Resp: 81266
Ion Ratio Lower Upper
106 100
91 199.4 158.9 238.3

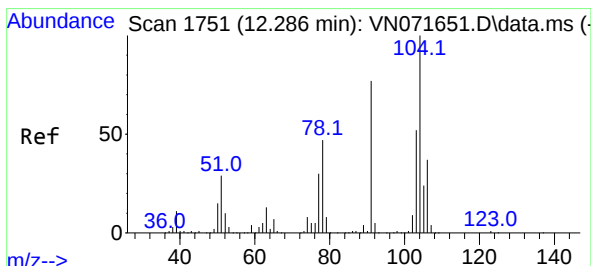
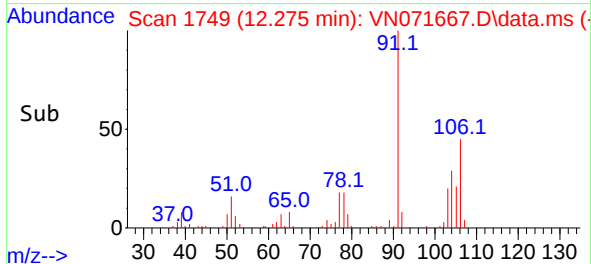
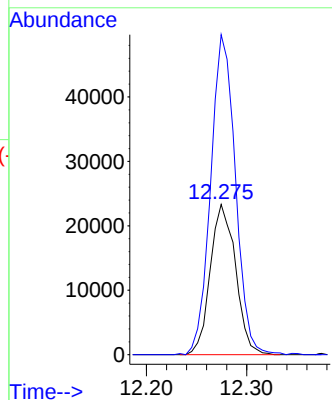
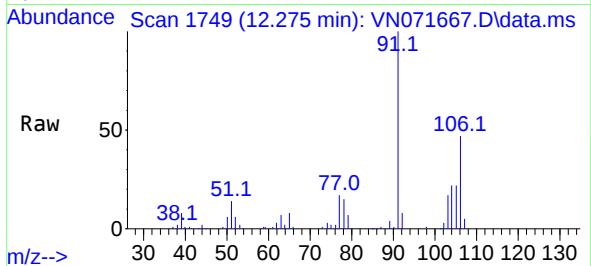




#69
o-Xylene
Concen: 4.009 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

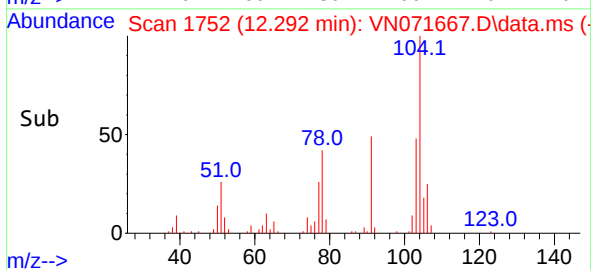
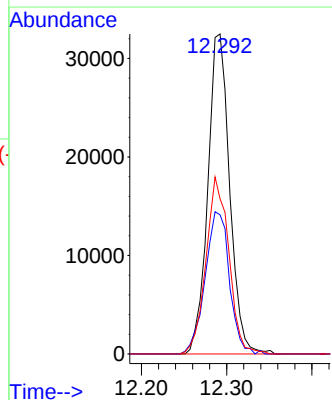
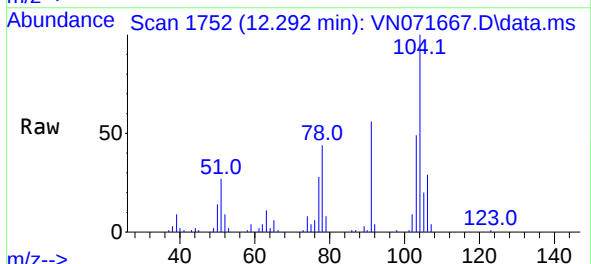
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:106 Resp: 40963
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0



#70
Styrene
Concen: 3.742 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:104 Resp: 57945
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 57.8 44.0 66.0

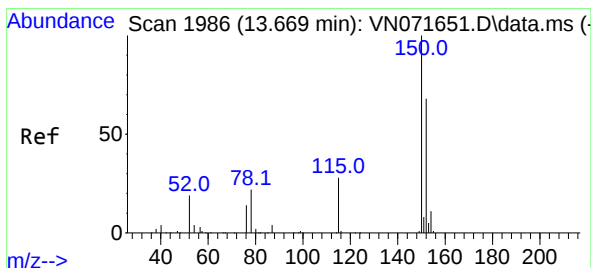
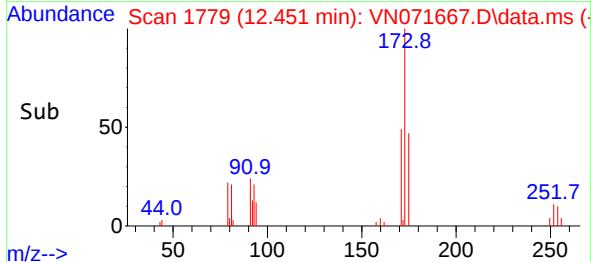
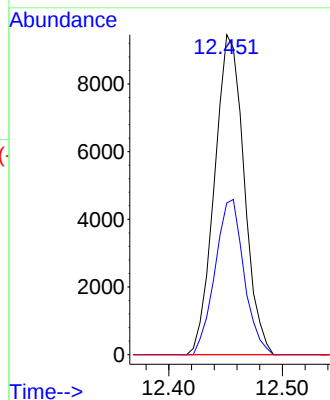
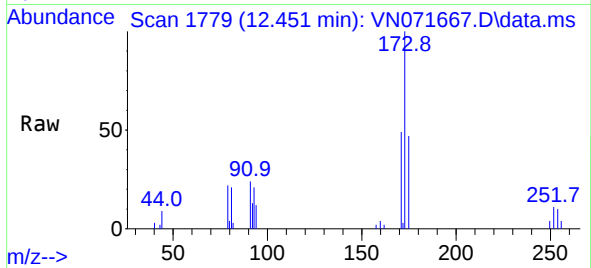




#71
Bromoform
Concen: 3.931 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

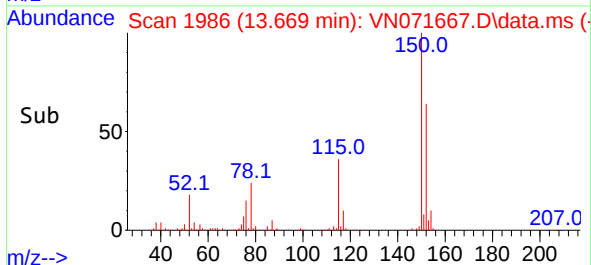
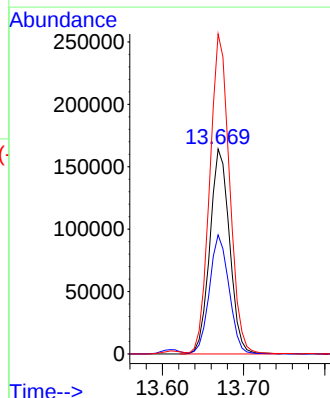
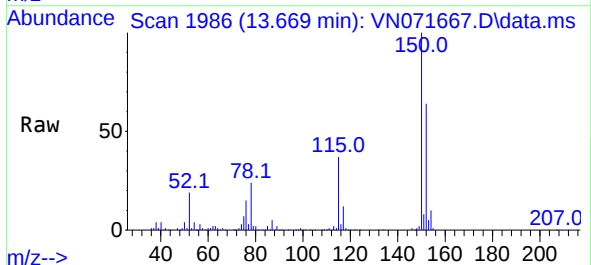
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:173 Resp: 17098
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:152 Resp: 276908
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 157.0 0.0 356.2

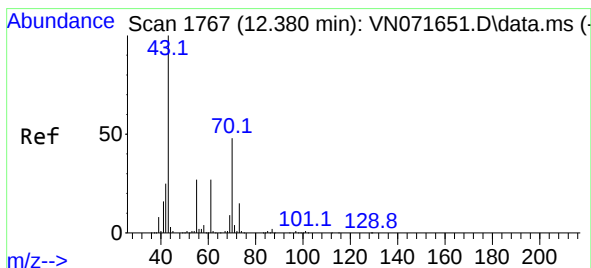
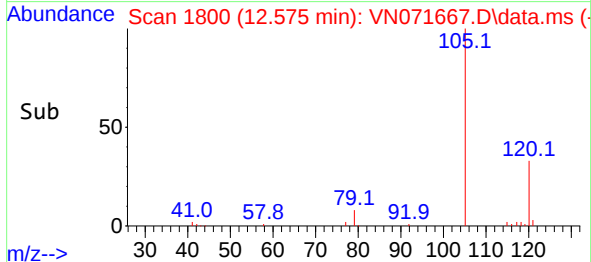
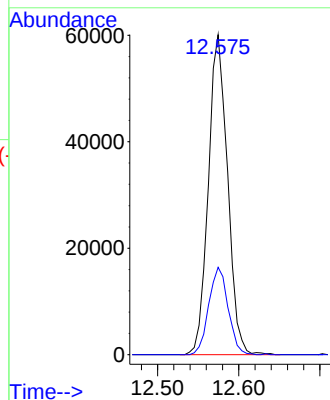
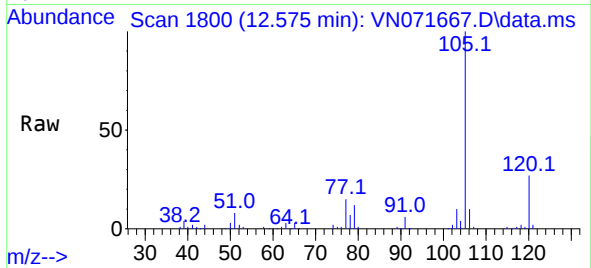




#73
Isopropylbenzene
Concen: 4.230 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

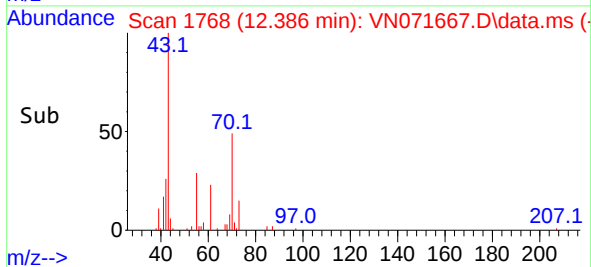
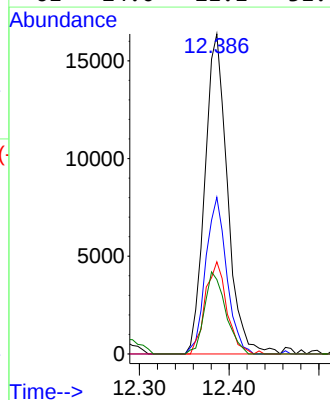
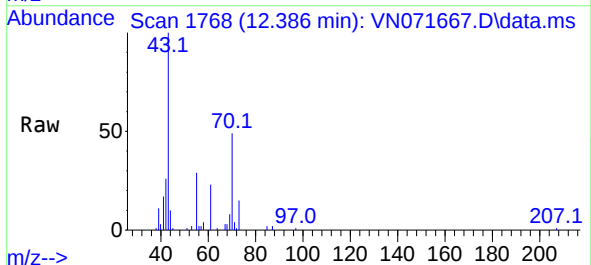
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

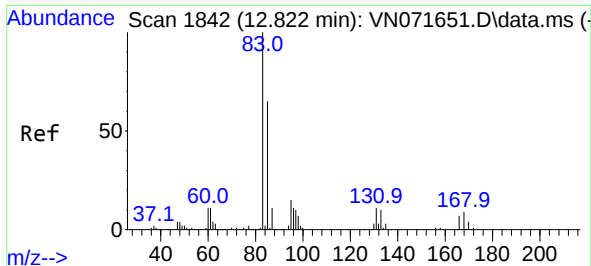
Tgt Ion:105 Resp: 98698
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 4.281 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 43 Resp: 28619
Ion Ratio Lower Upper
43 100
70 45.5 39.0 58.4
55 27.5 21.1 31.7
61 24.0 21.1 31.7

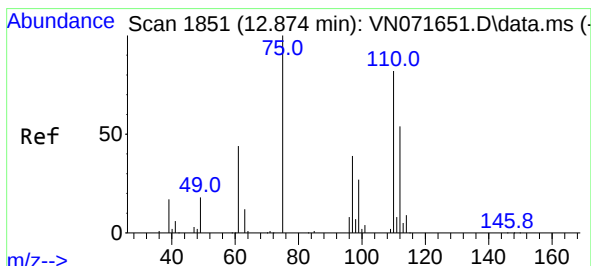
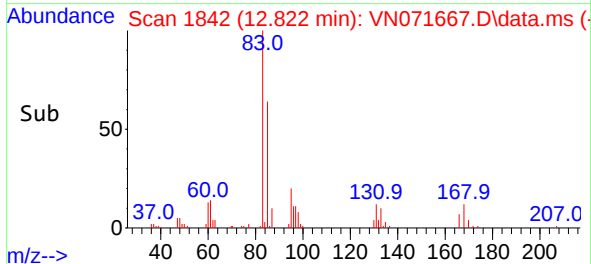
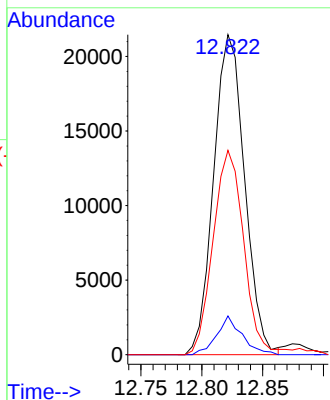
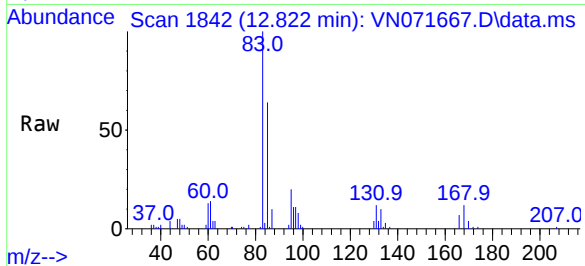




#75
1,1,2-Tetrachloroethane
Concen: 4.881 ug/l
RT: 12.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

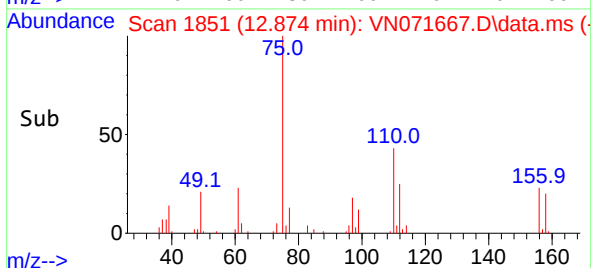
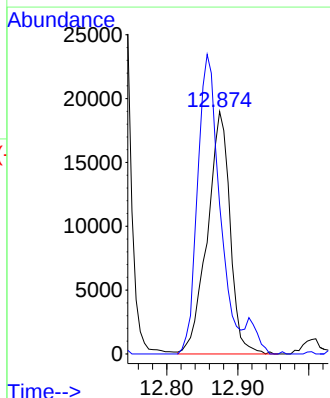
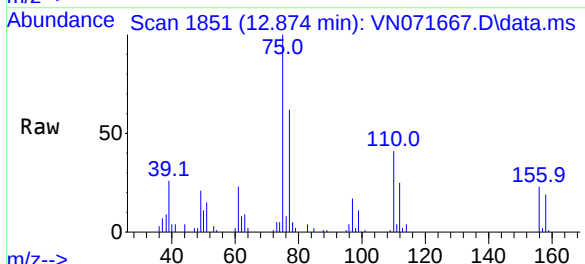
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

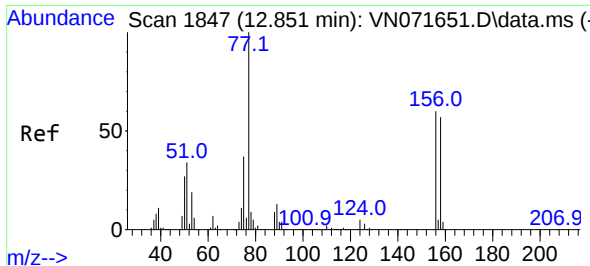
Tgt Ion:	83	Resp:	38003
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.3	15.9
85	64.4	32.3	96.9



#76
1,2,3-Trichloropropane
Concen: 6.552 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:	75	Resp:	42029
Ion	Ratio	Lower	Upper
75	100		
77	120.7	98.5	295.5

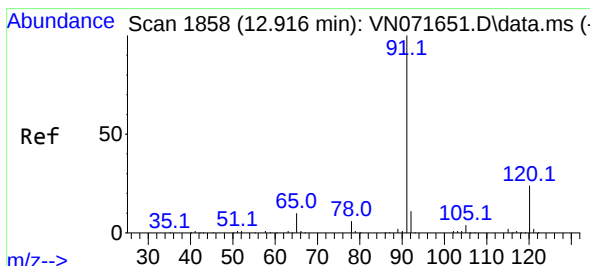
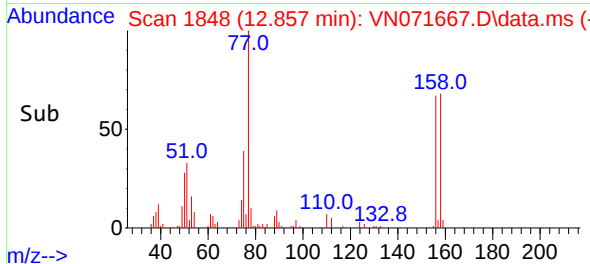
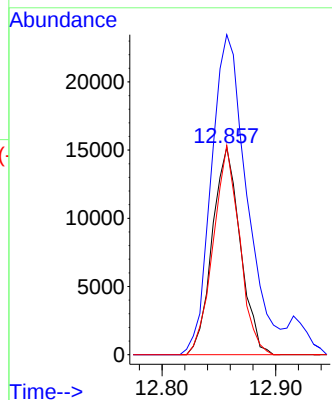
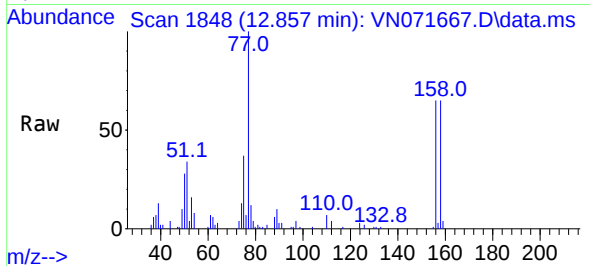




#77
Bromobenzene
Concen: 4.454 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

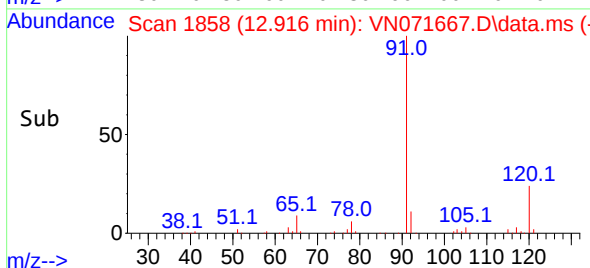
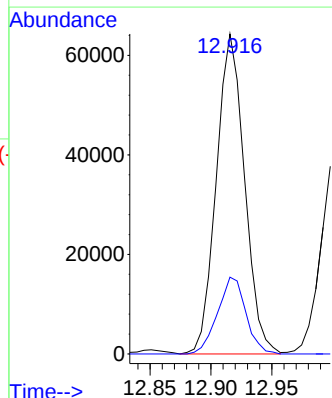
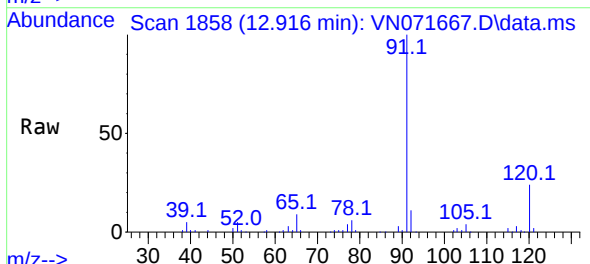
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:156 Resp: 26051
Ion Ratio Lower Upper
156 100
77 194.8 100.5 301.5
158 94.7 48.9 146.6



#78
n-propylbenzene
Concen: 4.227 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 91 Resp: 103749
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

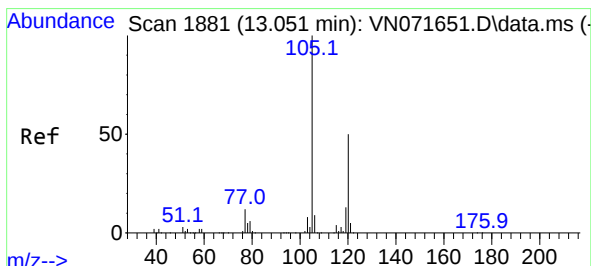
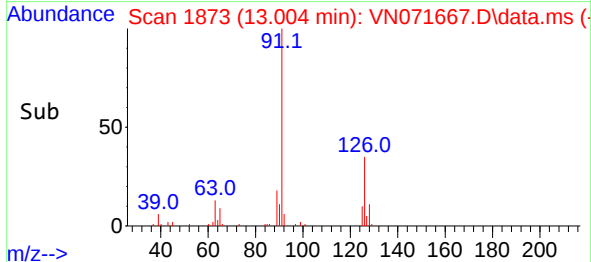
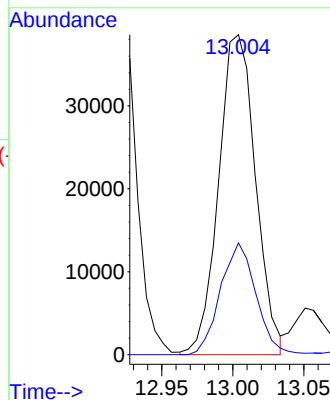
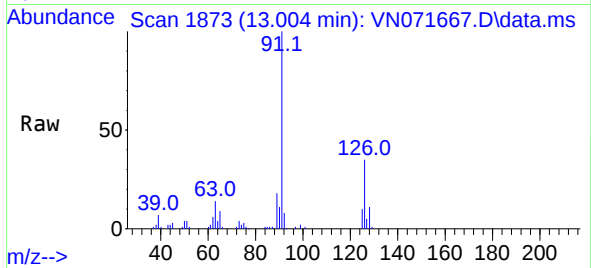




#79
2-Chlorotoluene
Concen: 4.434 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

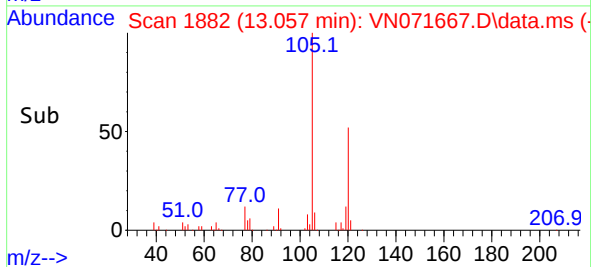
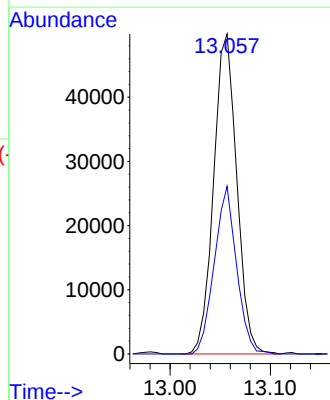
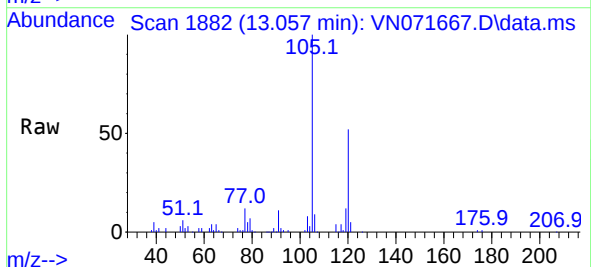
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

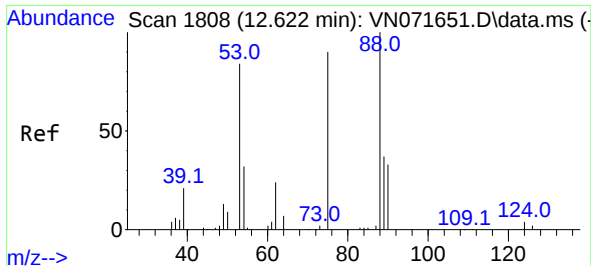
Tgt Ion: 91 Resp: 69790
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 4.319 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion: 105 Resp: 79841
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7

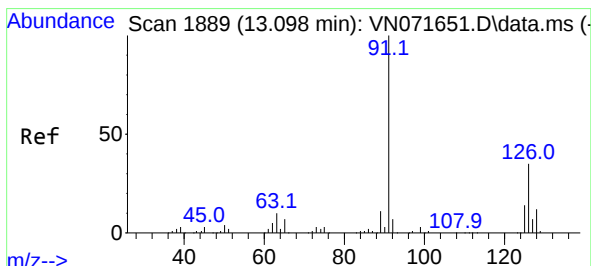
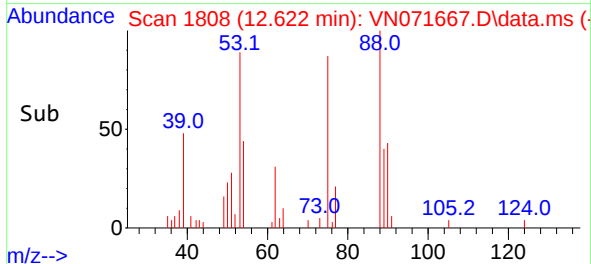
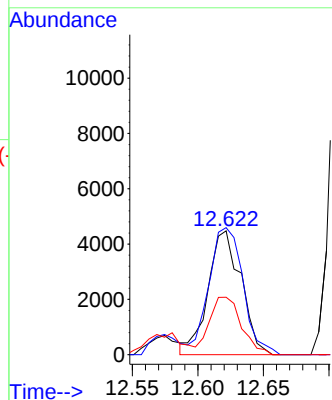
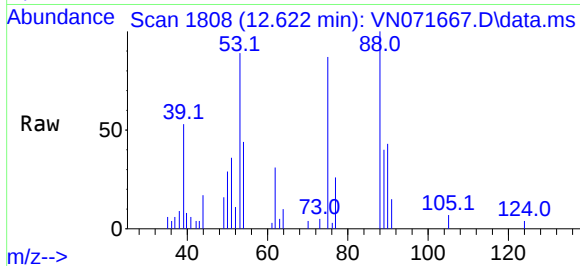




#81
trans-1,4-Dichloro-2-butene
Concen: 3.788 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

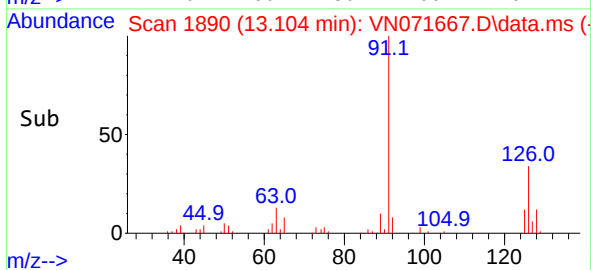
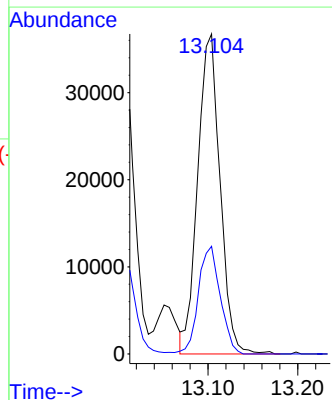
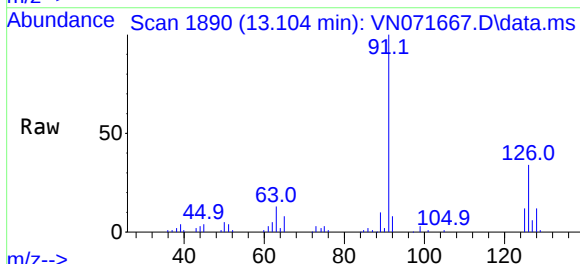
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

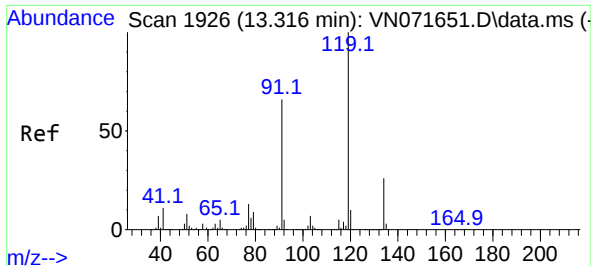
Tgt Ion:	75	Resp:	7842
Ion	Ratio	Lower	Upper
75	100		
53	105.9	78.0	117.0
89	44.8	37.2	55.8



#82
4-Chlorotoluene
Concen: 4.349 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:	91	Resp:	63449
Ion	Ratio	Lower	Upper
91	100		
126	32.9	17.2	51.6

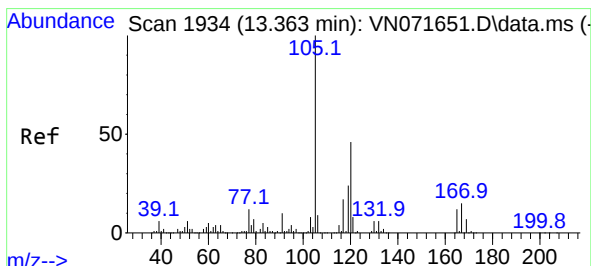
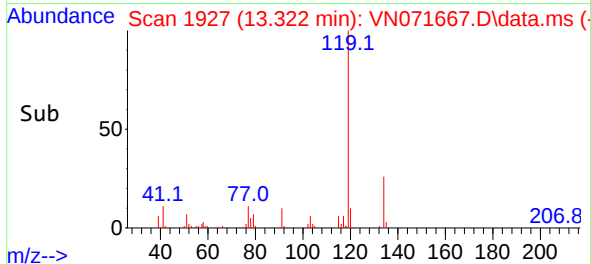
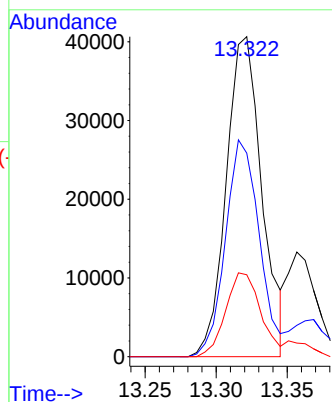
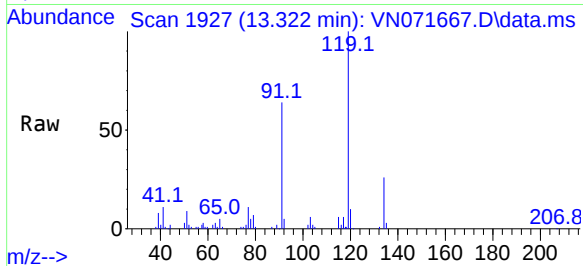




#83
tert-Butylbenzene
Concen: 4.209 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

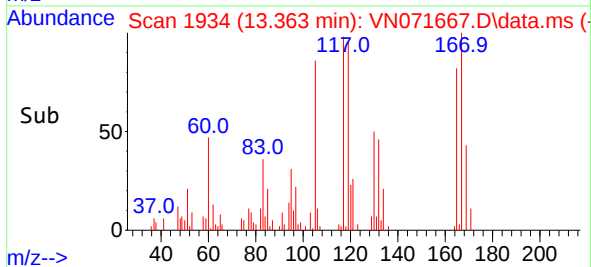
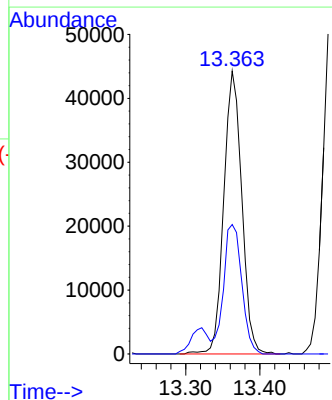
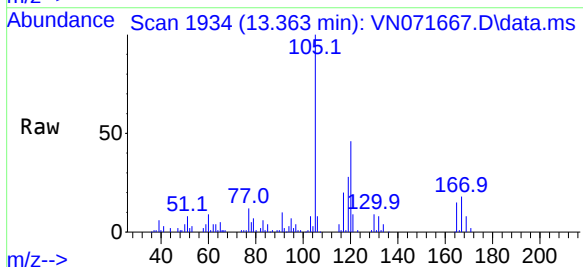
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

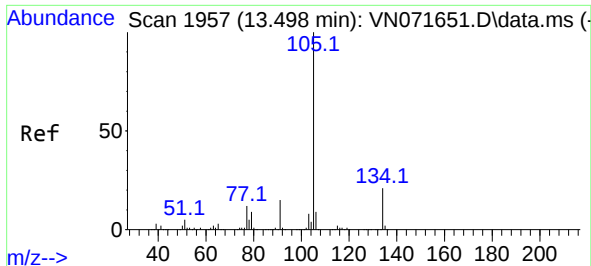
Tgt Ion:119 Resp: 71136
Ion Ratio Lower Upper
119 100
91 64.3 31.6 94.8
134 29.1 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 4.140 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:105 Resp: 74682
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8

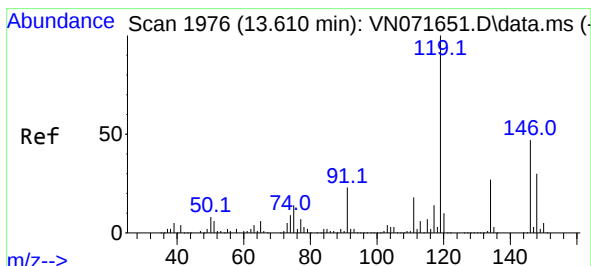
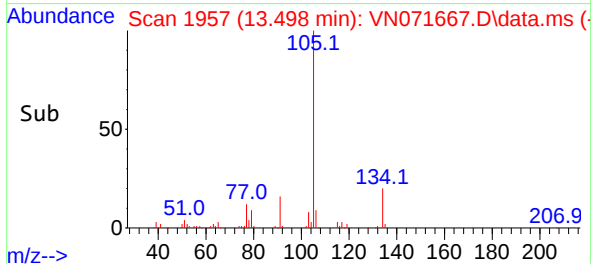
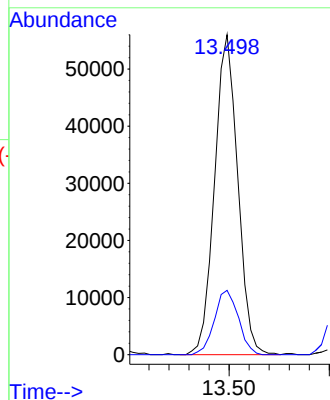
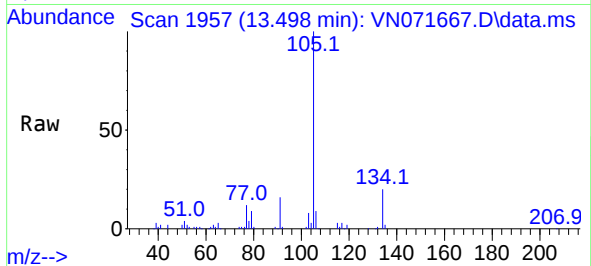




#85
 sec-Butylbenzene
 Concen: 4.096 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

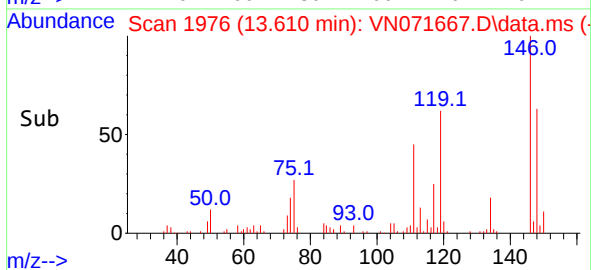
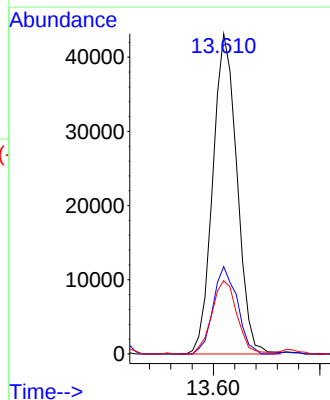
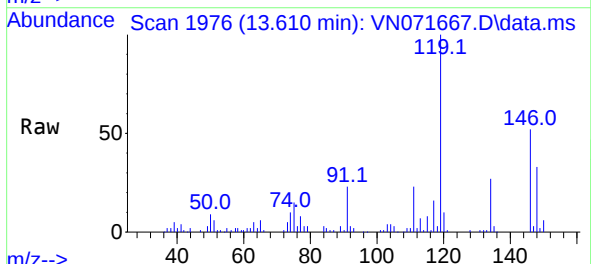
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2022

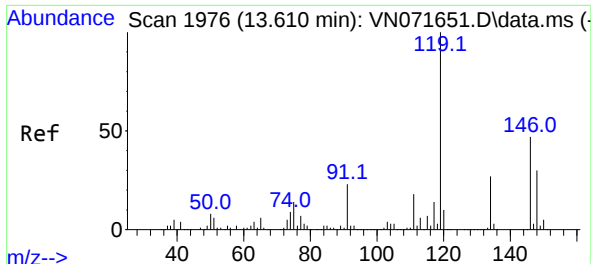
Tgt Ion:105 Resp: 89726
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 3.895 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071667.D
 Acq: 30 Mar 2022 18:32

Tgt Ion:119 Resp: 68037
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 23.9 11.3 33.9

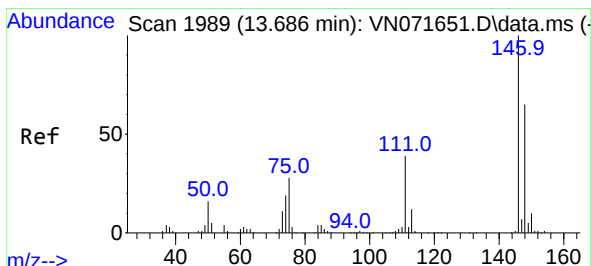
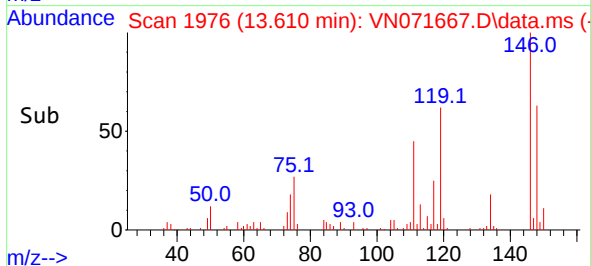
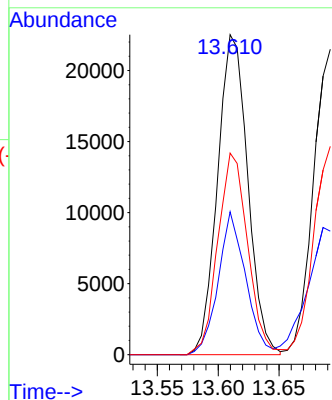
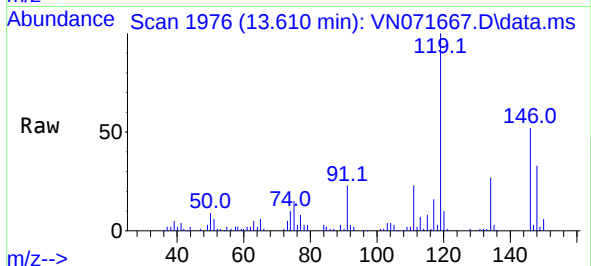




#87
1,3-Dichlorobenzene
Concen: 4.172 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

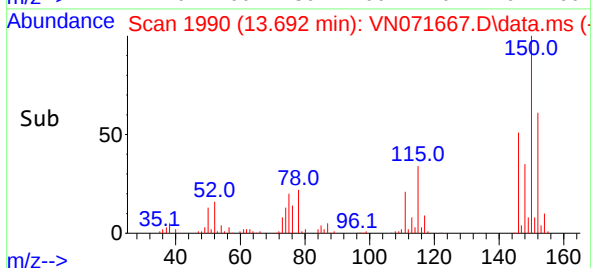
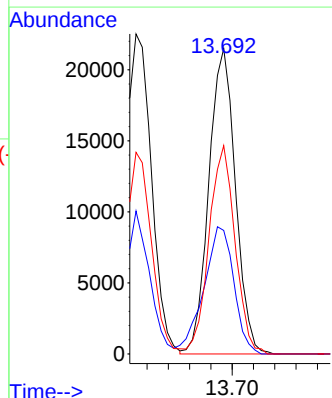
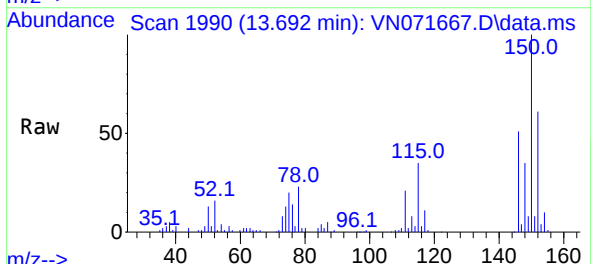
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:146 Resp: 38875
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 62.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 4.103 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:146 Resp: 37304
Ion Ratio Lower Upper
146 100
111 47.3 19.1 57.1
148 66.7 31.4 94.3

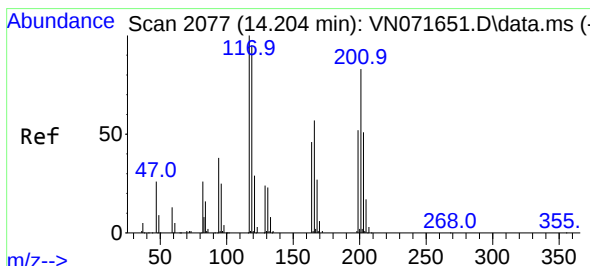
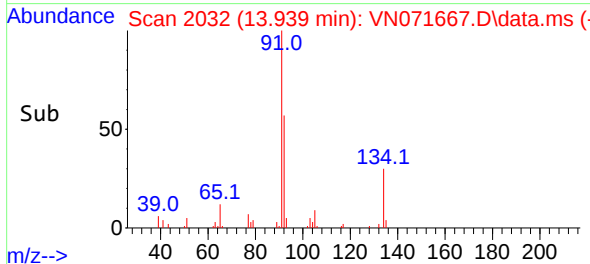
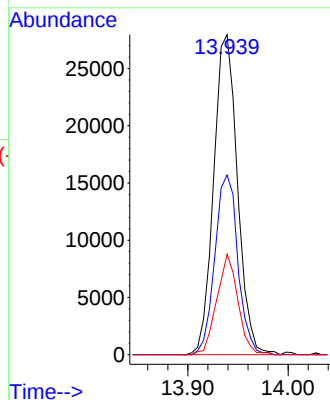
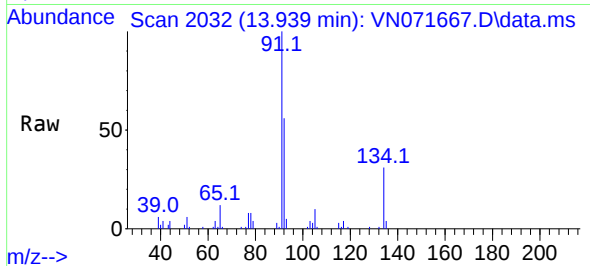




#89
n-Butylbenzene
Concen: 3.557 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

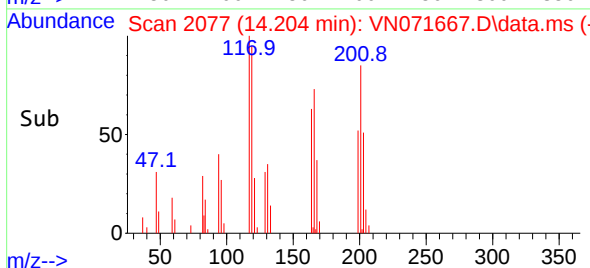
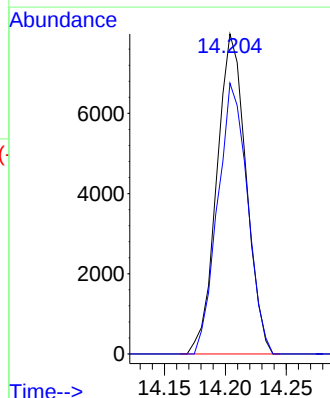
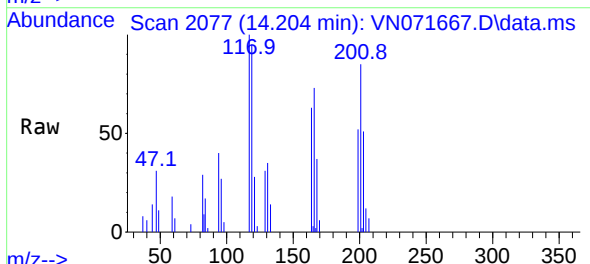
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

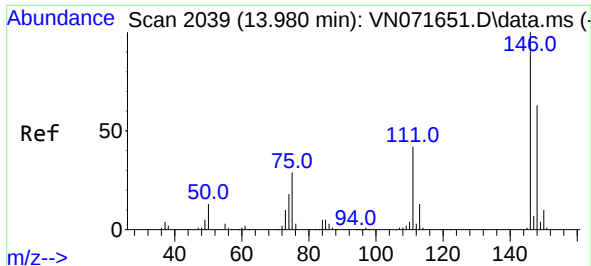
Tgt Ion:	91	Resp:	46089
Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	27.9	13.6	40.8



#90
Hexachloroethane
Concen: 4.183 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:	117	Resp:	13375
Ion	Ratio	Lower	Upper
117	100		
201	86.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 4.228 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

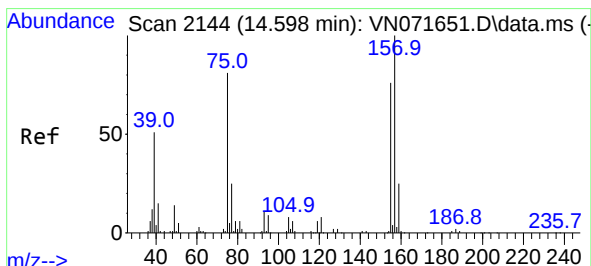
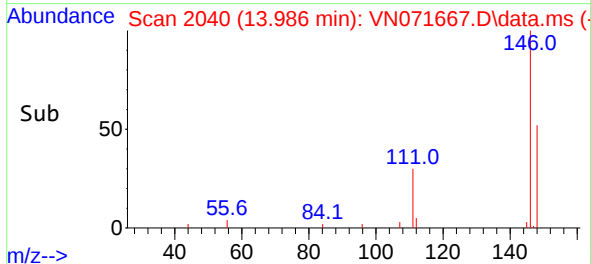
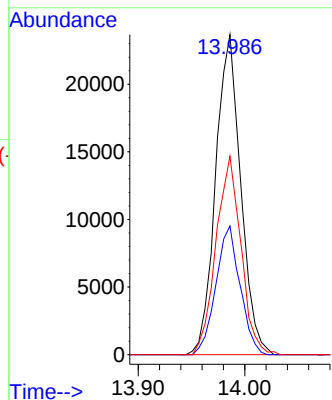
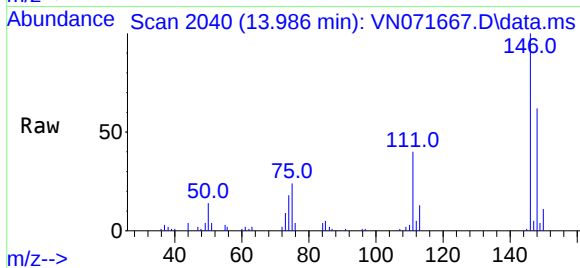
Tgt Ion:146 Resp: 38685

Ion Ratio Lower Upper

146 100

111 38.8 20.9 62.8

148 61.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.358 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

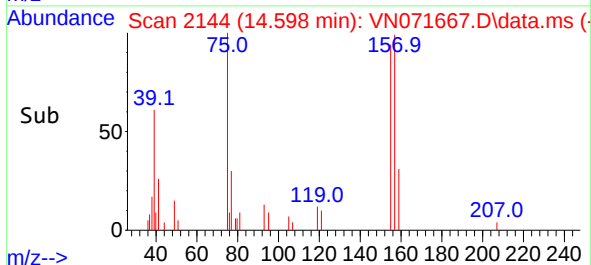
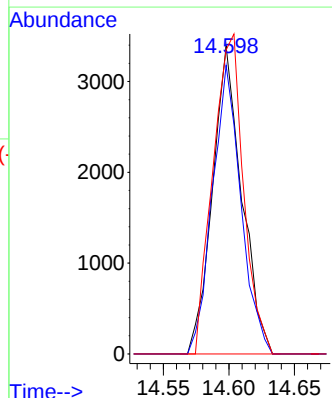
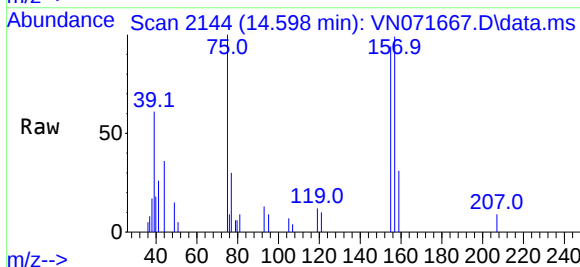
Tgt Ion: 75 Resp: 5263

Ion Ratio Lower Upper

75 100

155 91.3 44.9 134.5

157 108.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 4.603 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

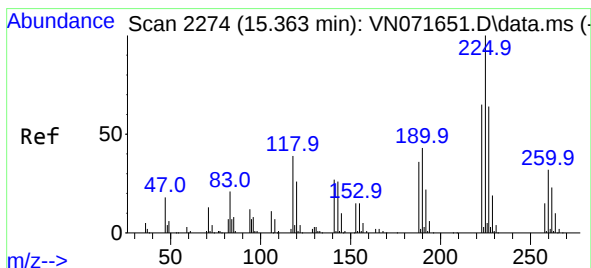
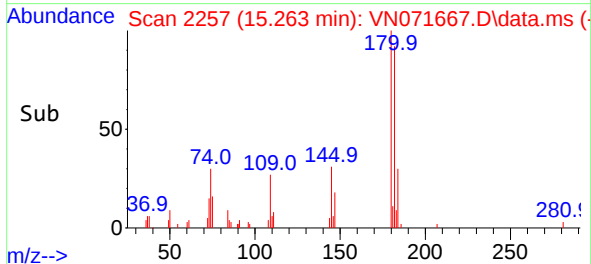
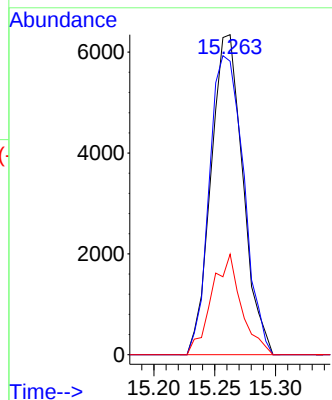
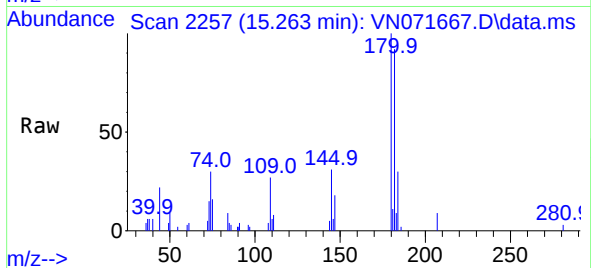
Tgt Ion:180 Resp: 11577

Ion Ratio Lower Upper

180 100

182 100.4 47.5 142.5

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 3.928 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.005 min

Lab File: VN071667.D

Acq: 30 Mar 2022 18:32

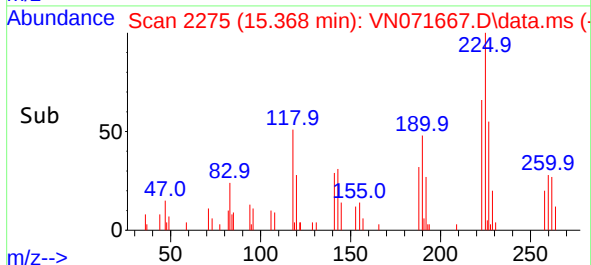
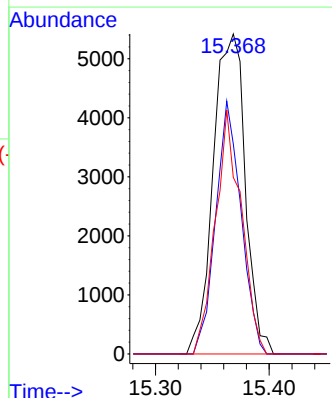
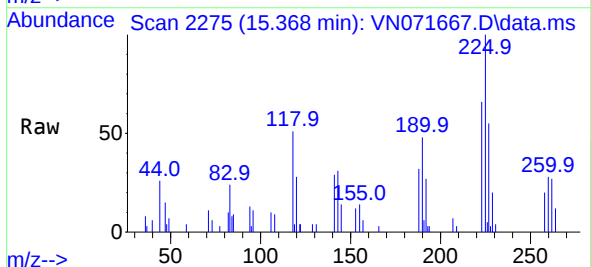
Tgt Ion:225 Resp: 10598

Ion Ratio Lower Upper

225 100

223 62.8 32.4 97.2

227 61.8 31.8 95.4

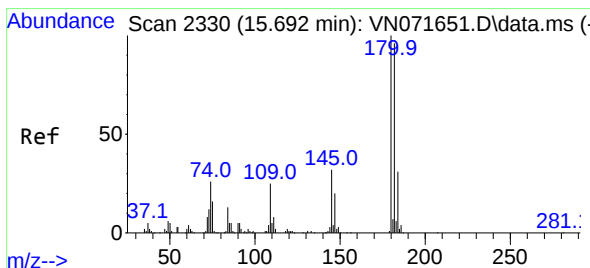
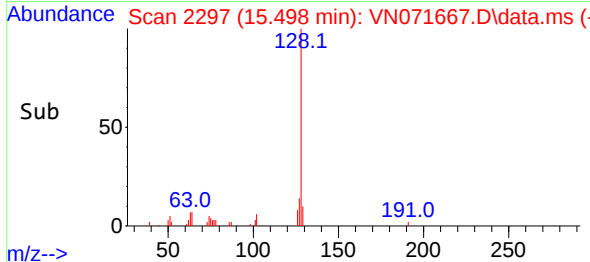
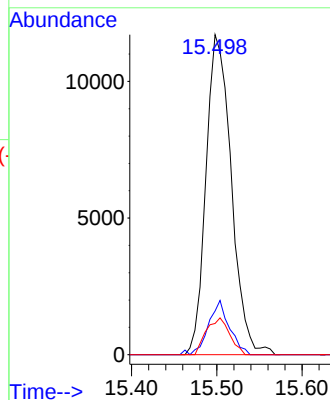
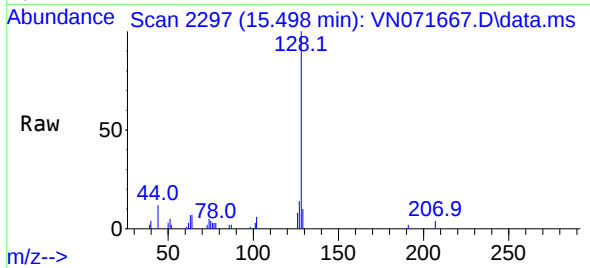




#95
Naphthalene
Concen: 5.575 ug/l
RT: 15.498 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022

Tgt Ion:	128	Resp:	24180
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.049 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071667.D
Acq: 30 Mar 2022 18:32

Tgt Ion:	180	Resp:	11818
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	32.9	15.5	46.5

