

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071668.D
 Acq On : 30 Mar 2022 18:56
 Operator : JC\MD
 Sample : N1645-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 31 01:36:22 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	571230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	915465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	818680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	283404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	333755	51.180	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.360%			
35) Dibromofluoromethane	8.016	113	267502	49.657	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.320%			
50) Toluene-d8	10.439	98	1104867	50.137	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.727	95	327355	45.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	22398	4.932	ug/l	92
3) Chloromethane	2.299	50	31385	5.454	ug/l	99
4) Vinyl Chloride	2.440	62	34158	5.405	ug/l	97
5) Bromomethane	2.834	94	25579	6.226	ug/l	89
6) Chloroethane	3.004	64	22847	5.025	ug/l	98
7) Trichlorofluoromethane	3.369	101	43328	5.389	ug/l	93
8) Diethyl Ether	3.822	74	18043	5.310	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	26403	5.329	ug/l	98
10) Methyl Iodide	4.428	142	35431	5.116	ug/l #	93
11) Tert butyl alcohol	5.357	59	29611	27.980	ug/l #	86
12) 1,1-Dichloroethene	4.181	96	25419	5.391	ug/l	83
13) Acrolein	4.040	56	32833	25.444	ug/l	99
14) Allyl chloride	4.834	41	41633	5.440	ug/l	96
15) Acrylonitrile	5.551	53	85327	27.739	ug/l	99
16) Acetone	4.287	43	70480	25.289	ug/l	97
17) Carbon Disulfide	4.528	76	60256	5.570	ug/l	97
18) Methyl Acetate	4.851	43	58935	7.245	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	93080	5.314	ug/l	94
20) Methylene Chloride	5.098	84	33250	5.660	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	27779	5.367	ug/l	98
22) Diisopropyl ether	6.492	45	87170	5.232	ug/l #	94
23) Vinyl Acetate	6.434	43	319884	24.145	ug/l	100
24) 1,1-Dichloroethane	6.387	63	53445	5.465	ug/l	96
25) 2-Butanone	7.334	43	111369	27.719	ug/l	99
26) 2,2-Dichloropropane	7.328	77	41792	4.974	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	33417	5.265	ug/l	98
28) Bromochloromethane	7.657	49	20838	5.282	ug/l	98
29) Tetrahydrofuran	7.686	42	72839	27.999	ug/l	98
30) Chloroform	7.810	83	54539	5.281	ug/l	99
31) Cyclohexane	8.086	56	55835	6.296	ug/l #	88
32) 1,1,1-Trichloroethane	8.010	97	46811	5.298	ug/l	99
36) 1,1-Dichloropropene	8.222	75	40104	5.331	ug/l	98
37) Ethyl Acetate	7.404	43	42641	5.179	ug/l	96
38) Carbon Tetrachloride	8.204	117	39011	5.291	ug/l	93
39) Methylcyclohexane	9.457	83	48332	5.397	ug/l	95
40) Benzene	8.457	78	127069	5.347	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	21315	5.287	ug/l	94
42) 1,2-Dichloroethane	8.528	62	44786	5.448	ug/l	100
43) Isopropyl Acetate	8.557	43	70399	5.140	ug/l	98
44) Trichloroethene	9.210	130	32633	5.330	ug/l	97
45) 1,2-Dichloropropane	9.486	63	30730	5.176	ug/l	98
46) Dibromomethane	9.575	93	20920	5.190	ug/l	98
47) Bromodichloromethane	9.757	83	39665	4.999	ug/l	97
48) Methyl methacrylate	9.557	41	27924	4.914	ug/l	96
49) 1,4-Dioxane	9.569	88	14230	93.037	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	213827	27.156	ug/l	99
52) Toluene	10.504	92	81855	5.449	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	41253	4.961	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	46090	5.016	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	32402	5.241	ug/l	98
56) Ethyl methacrylate	10.757	69	46017	5.218	ug/l	97
57) 1,3-Dichloropropane	11.039	76	54110	5.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	44115	32.111	ug/l	99
59) 2-Hexanone	11.080	43	148306	26.752	ug/l	99
60) Dibromochloromethane	11.233	129	29982	4.974	ug/l	99
61) 1,2-Dibromoethane	11.339	107	32069	5.270	ug/l	99
64) Tetrachloroethene	10.975	164	28402	5.254	ug/l	96
65) Chlorobenzene	11.769	112	84647	5.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	30712	5.192	ug/l	97
67) Ethyl Benzene	11.839	91	141578	5.102	ug/l	98
68) m/p-Xylenes	11.951	106	107662	10.097	ug/l	97
69) o-Xylene	12.274	106	53753	5.079	ug/l	98
70) Styrene	12.292	104	77196	4.814	ug/l	99
71) Bromoform	12.451	173	21923	4.867	ug/l #	97
73) Isopropylbenzene	12.574	105	129637	5.428	ug/l	100
74) N-amyl acetate	12.386	43	36857	5.386	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	47668	5.982	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	52832	8.047	ug/l	53
77) Bromobenzene	12.857	156	33061	5.522	ug/l	99
78) n-propylbenzene	12.916	91	132951	5.292	ug/l	99
79) 2-Chlorotoluene	13.004	91	90855	5.639	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	103768	5.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	10651	5.028	ug/l	90
82) 4-Chlorotoluene	13.104	91	78847	5.280	ug/l	99
83) tert-Butylbenzene	13.321	119	95513	5.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	98619	5.342	ug/l	99
85) sec-Butylbenzene	13.498	105	118298	5.276	ug/l	99
86) p-Isopropyltoluene	13.610	119	89650	5.015	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	50732	5.319	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	48140	5.174	ug/l	94
89) n-Butylbenzene	13.939	91	62289	4.698	ug/l	98
90) Hexachloroethane	14.204	117	18219	5.567	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	48889	5.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	6721	5.438	ug/l	94
93) 1,2,4-Trichlorobenzene	15.262	180	16231	5.534	ug/l	98
94) Hexachlorobutadiene	15.362	225	13662	4.947	ug/l	96
95) Naphthalene	15.504	128	35863	6.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	16348	5.975	ug/l	100

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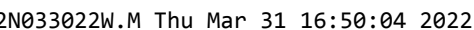
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

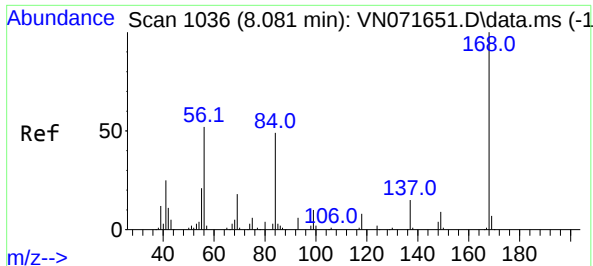
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

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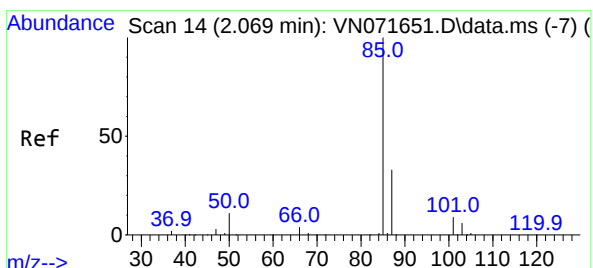
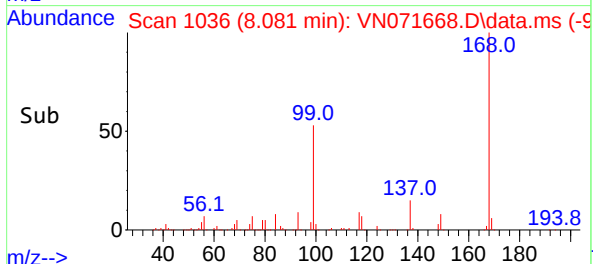
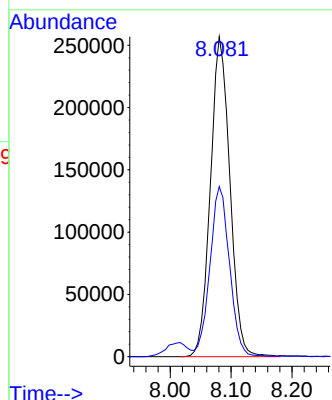
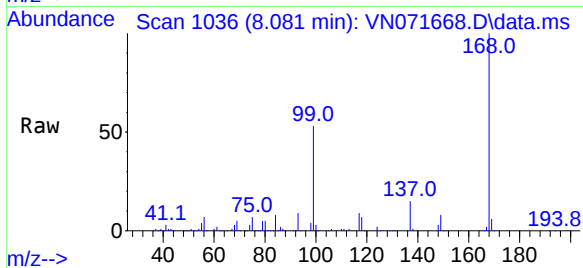
LOQ-WATER-02-QT1-2022

Tgt Ion:168 Resp: 571230

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Dichlorodifluoromethane

Concen: 4.932 ug/l

RT: 2.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN071668.D

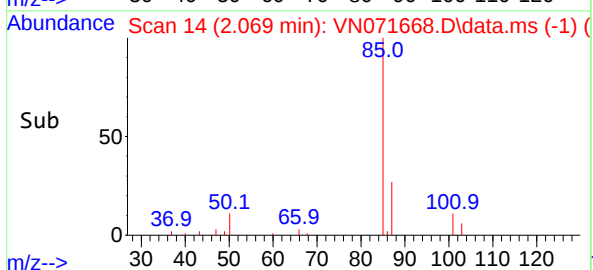
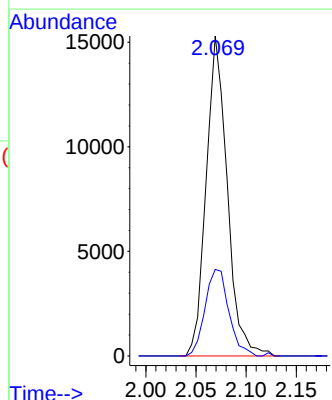
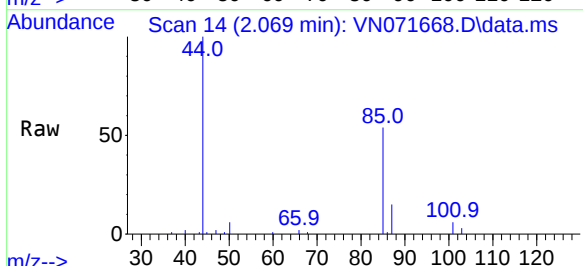
Acq: 30 Mar 2022 18:56

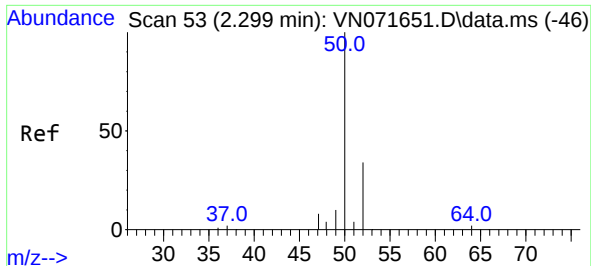
Tgt Ion: 85 Resp: 22398

Ion Ratio Lower Upper

85 100

87 27.1 15.7 47.1

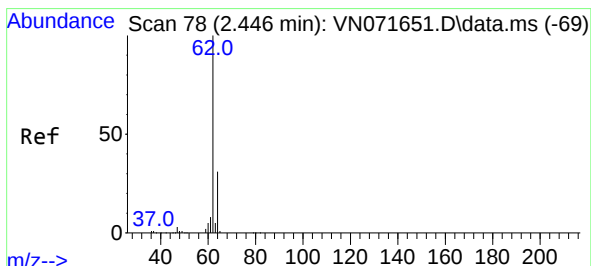
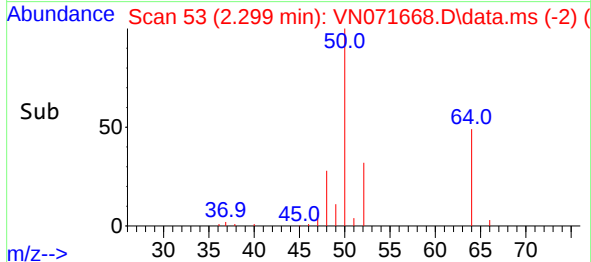
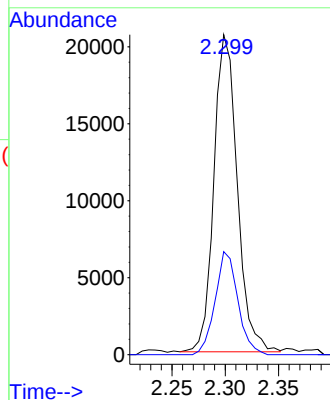
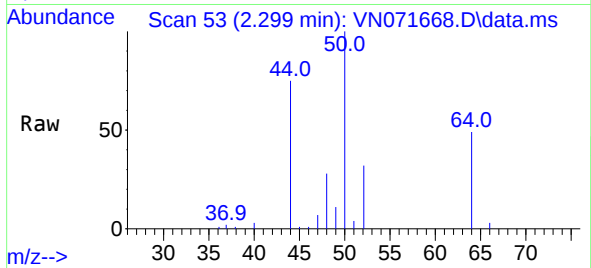




#3
Chloromethane
Concen: 5.454 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

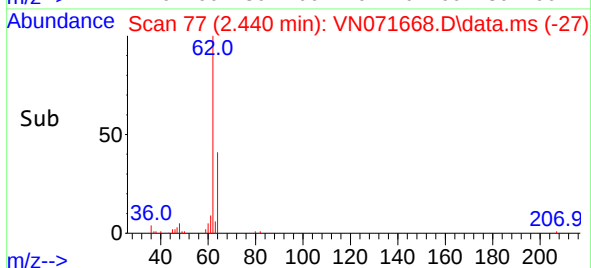
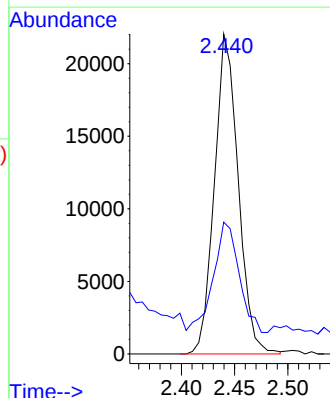
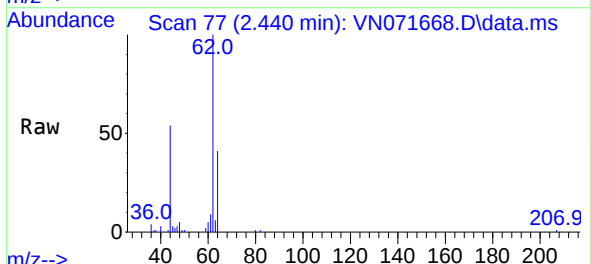
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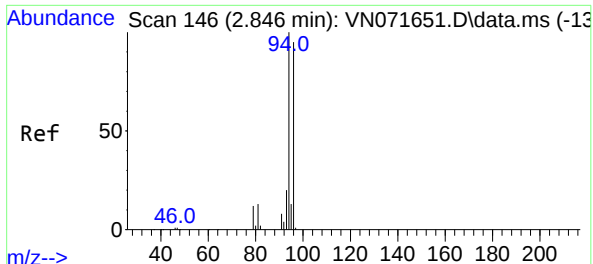
Tgt Ion: 50 Resp: 31385
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 5.405 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 62 Resp: 34158
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4

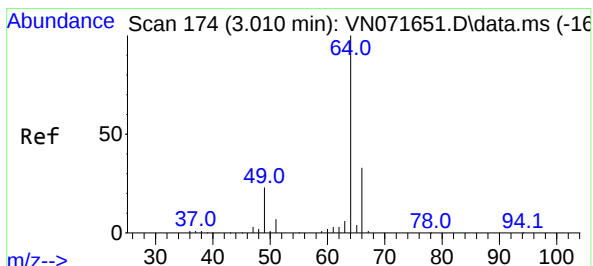
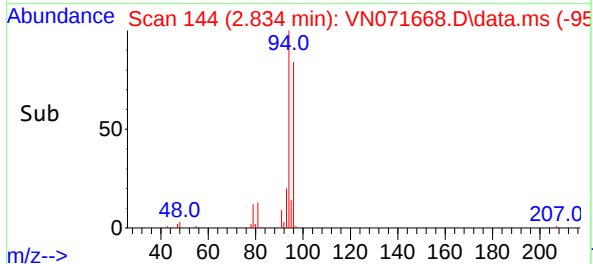
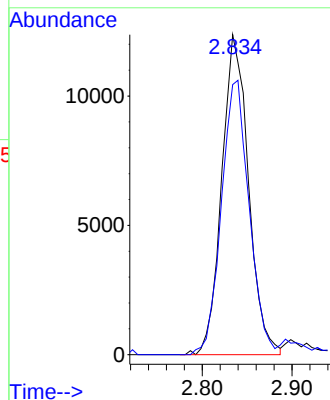
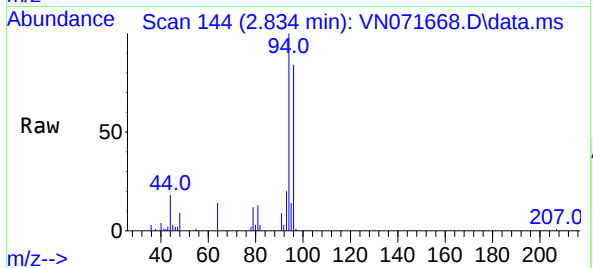




#5
Bromomethane
Concen: 6.226 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN071668.D
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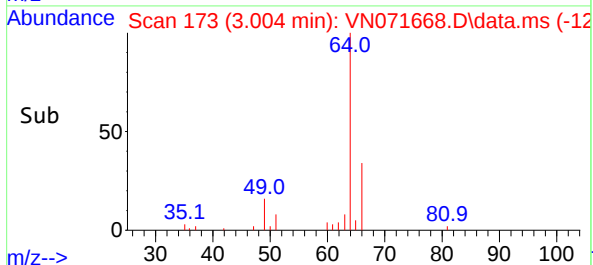
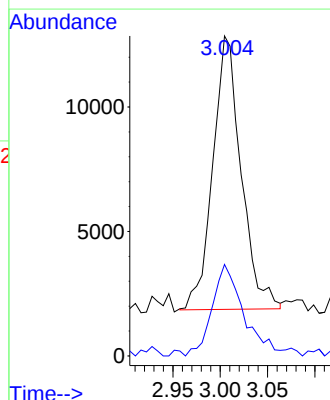
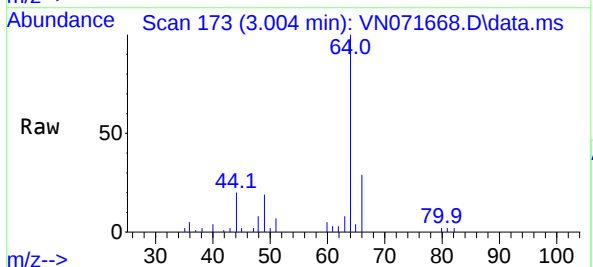
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Tgt Ion: 94 Resp: 25579
Ion Ratio Lower Upper
94 100
96 84.4 76.0 114.0

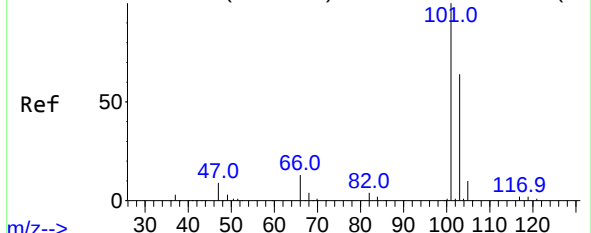


#6
Chloroethane
Concen: 5.025 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 64 Resp: 22847
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 5.389 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071668.D

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Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

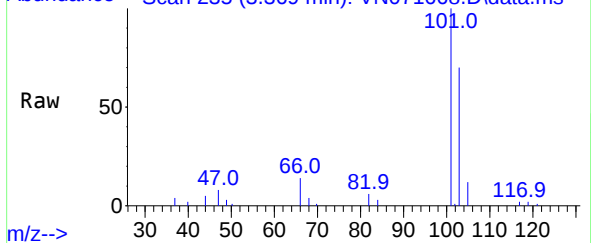
Tgt Ion:101 Resp: 43328

Ion Ratio Lower Upper

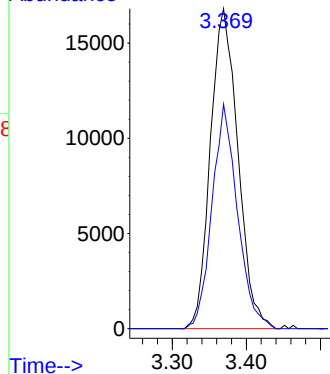
101 100

103 70.2 51.5 77.3

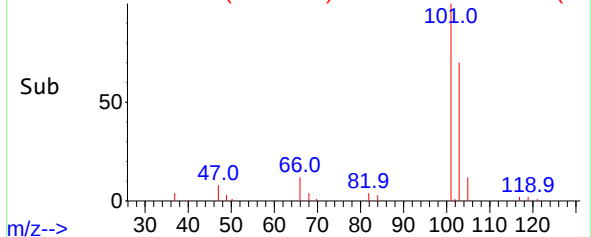
Abundance Scan 235 (3.369 min): VN071668.D\data.ms



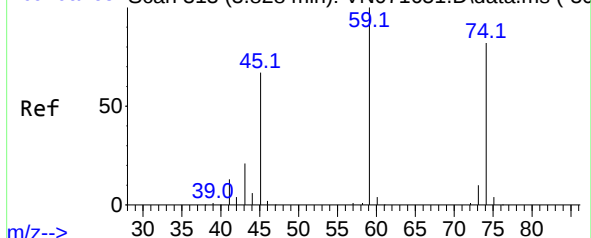
Abundance



Abundance Scan 235 (3.369 min): VN071668.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 5.310 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

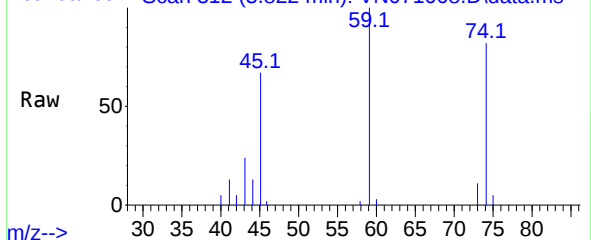
Tgt Ion: 74 Resp: 18043

Ion Ratio Lower Upper

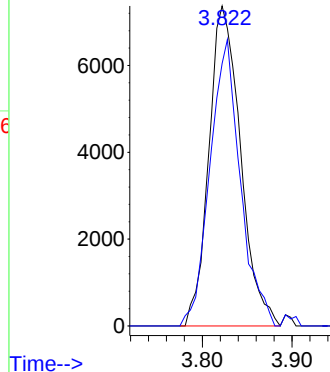
74 100

45 86.1 42.9 128.5

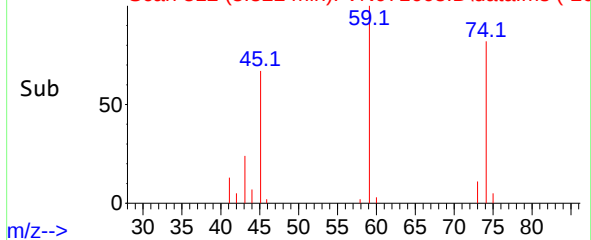
Abundance Scan 312 (3.822 min): VN071668.D\data.ms



Abundance



Abundance Scan 312 (3.822 min): VN071668.D\data.ms (-26

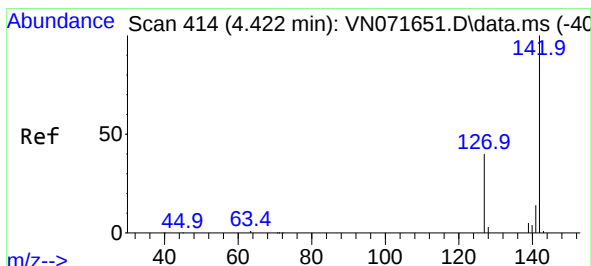
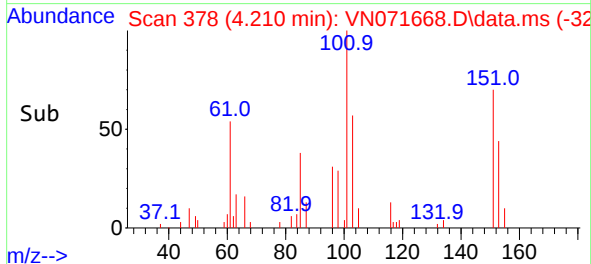
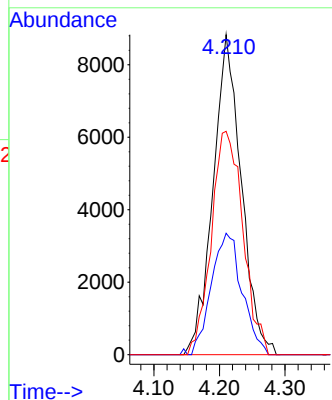
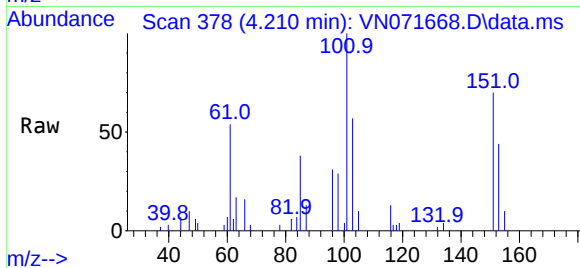




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.329 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

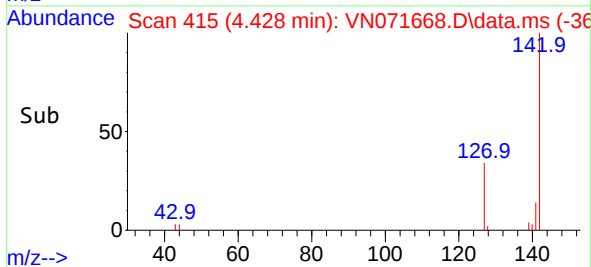
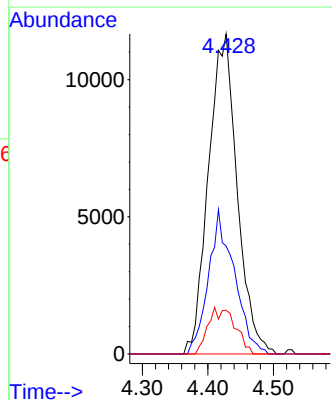
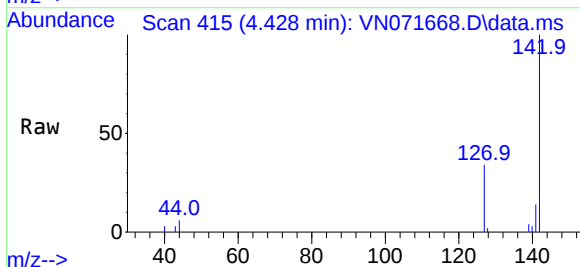
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:101 Resp: 26403
Ion Ratio Lower Upper
101 100
85 41.4 34.7 52.1
151 78.1 63.0 94.4



#10
Methyl Iodide
Concen: 5.116 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:142 Resp: 35431
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 5.9 11.2 16.8#





#11

Tert butyl alcohol

Concen: 27.980 ug/l

RT: 5.357 min Scan# 5

Delta R.T. 0.000 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

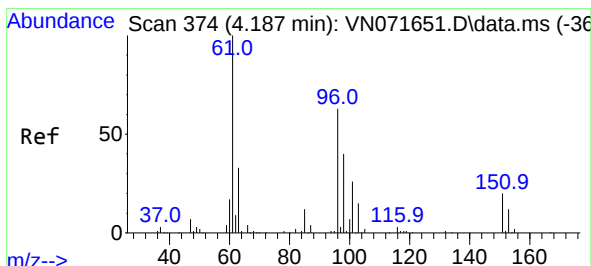
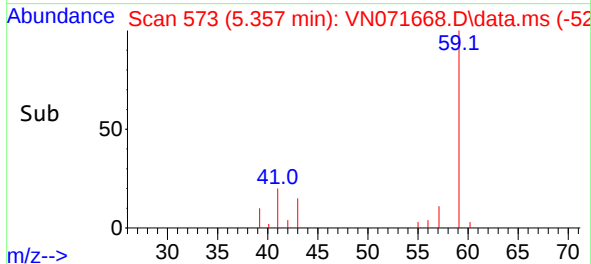
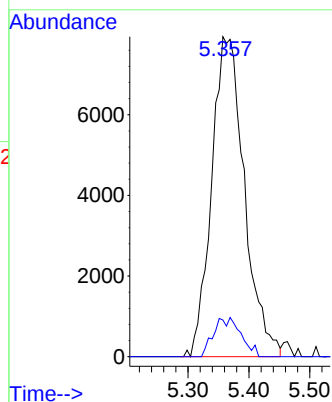
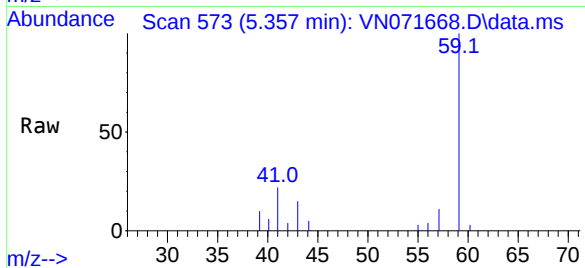
LOQ-WATER-02-QT1-2022

Tgt Ion: 59 Resp: 29611

Ion Ratio Lower Upper

59 100

57 5.2 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 5.391 ug/l

RT: 4.181 min Scan# 373

Delta R.T. -0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

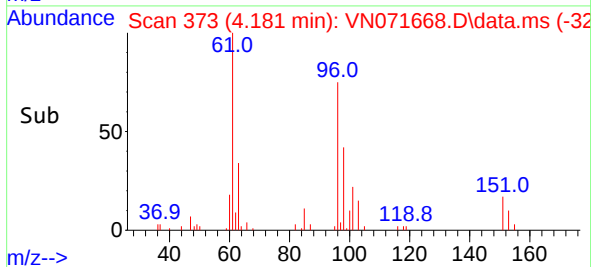
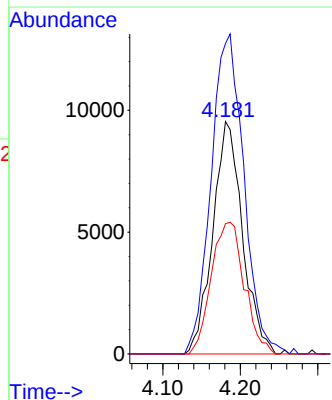
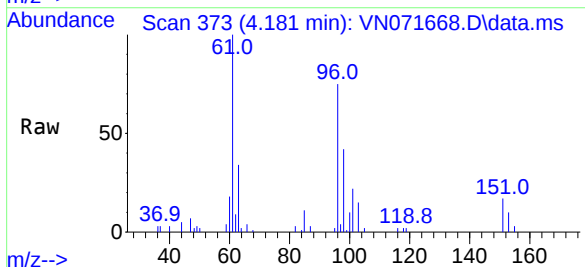
Tgt Ion: 96 Resp: 25419

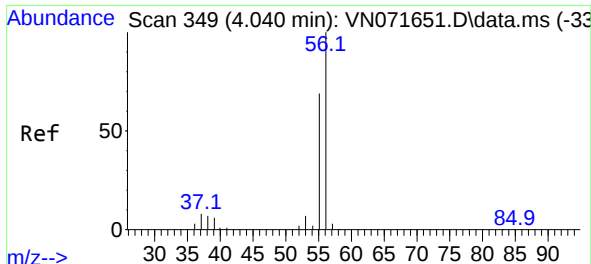
Ion Ratio Lower Upper

96 100

61 133.5 127.6 191.4

98 56.0 51.2 76.8

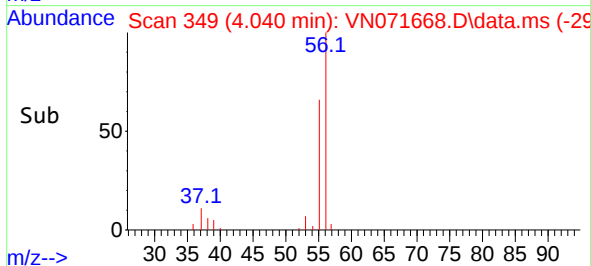
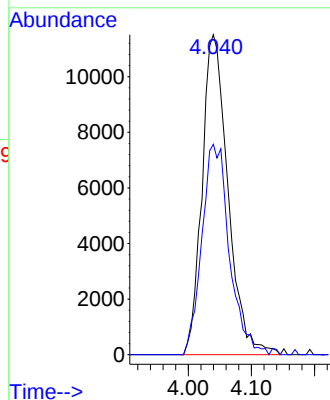
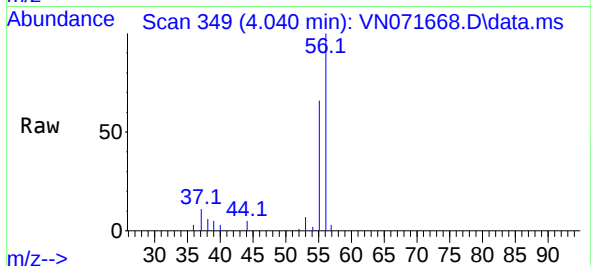




#13
Acrolein
Concen: 25.444 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

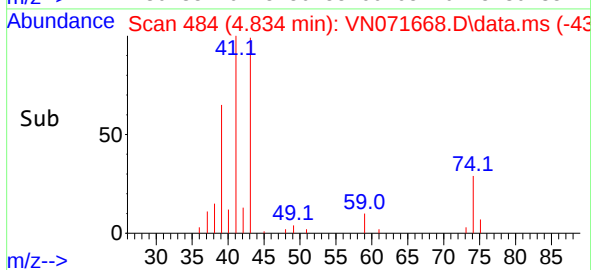
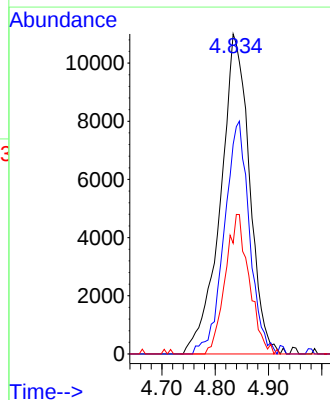
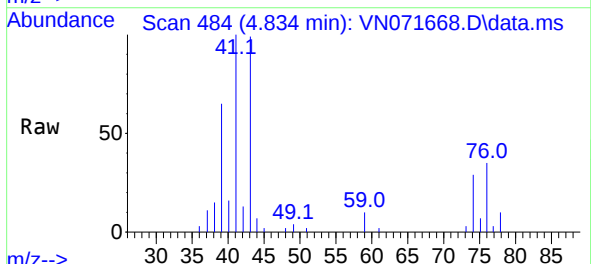
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 56 Resp: 32833
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2



#14
Allyl chloride
Concen: 5.440 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 41 Resp: 41633
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 35.9 29.9 44.9

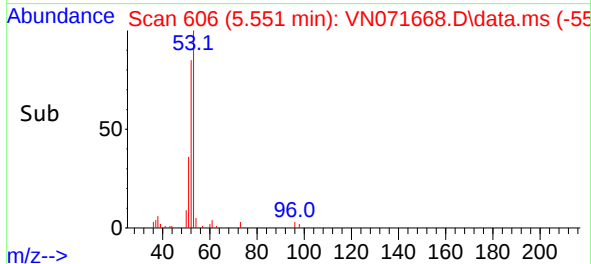
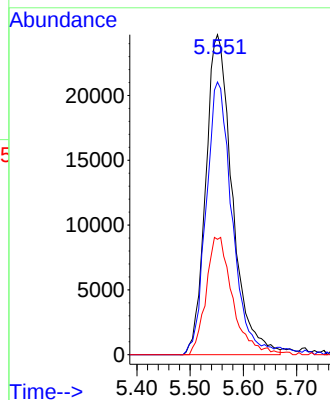
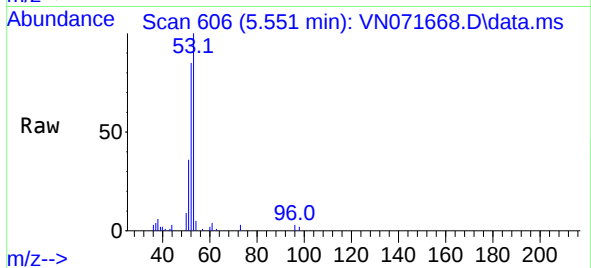




#15
Acrylonitrile
Concen: 27.739 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

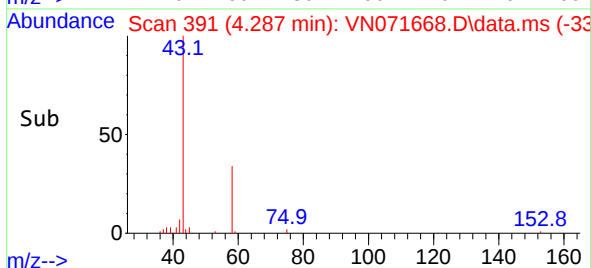
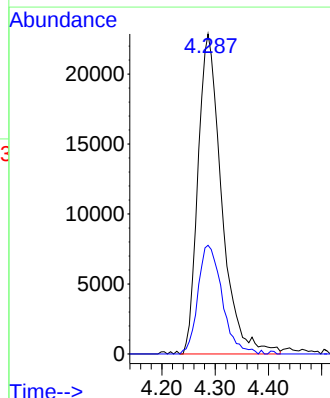
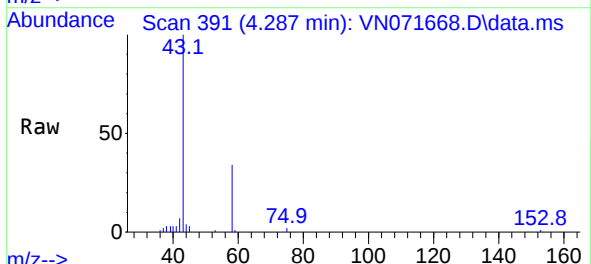
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

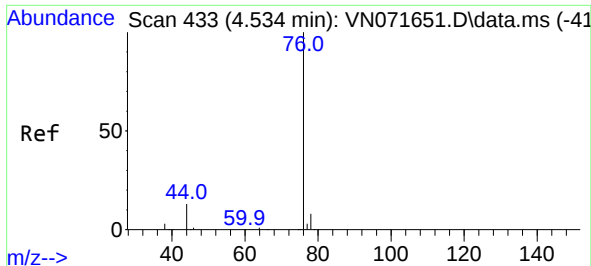
Tgt Ion: 53 Resp: 85327
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 37.1 28.5 42.7



#16
Acetone
Concen: 25.289 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 43 Resp: 70480
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0





#17

Carbon Disulfide

Concen: 5.570 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

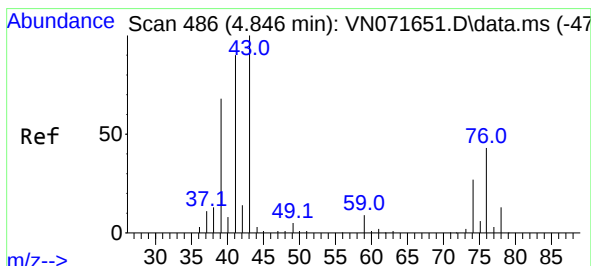
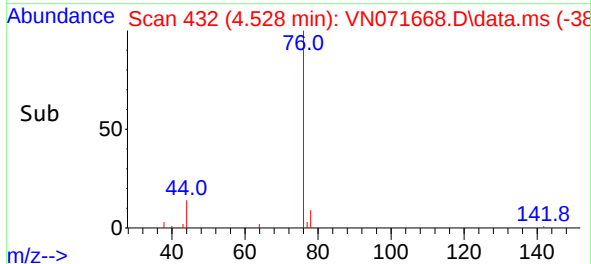
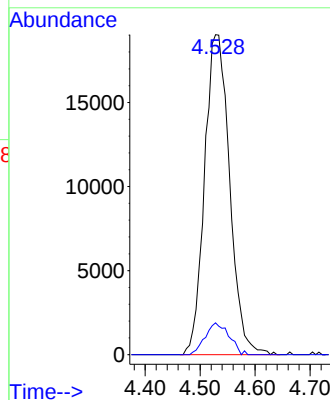
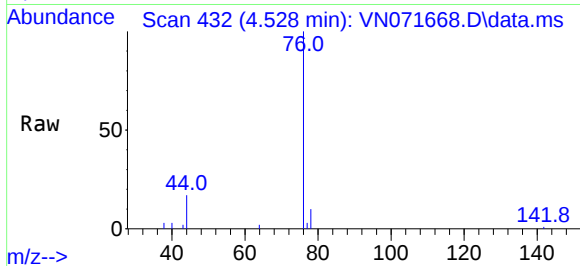
LOQ-WATER-02-QT1-2022

Tgt Ion: 76 Resp: 60256

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



#18

Methyl Acetate

Concen: 7.245 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN071668.D

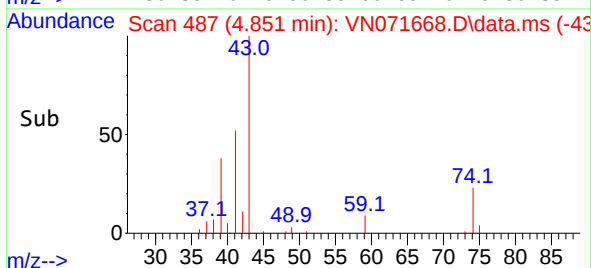
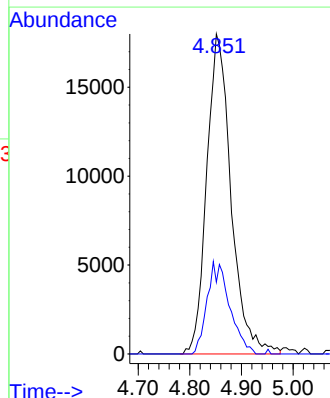
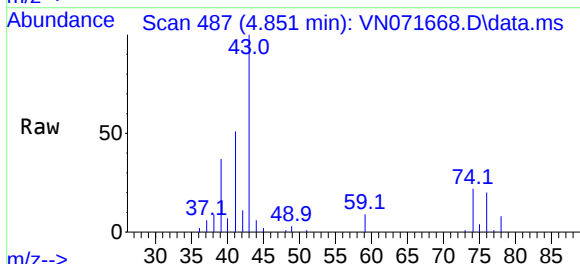
Acq: 30 Mar 2022 18:56

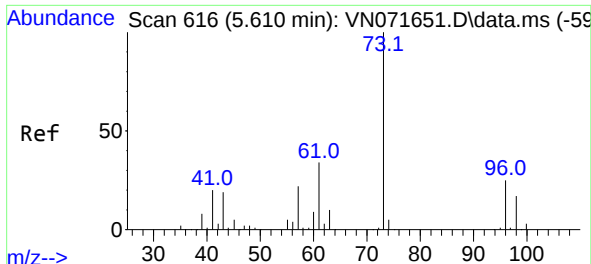
Tgt Ion: 43 Resp: 58935

Ion Ratio Lower Upper

43 100

74 26.7 21.6 32.4

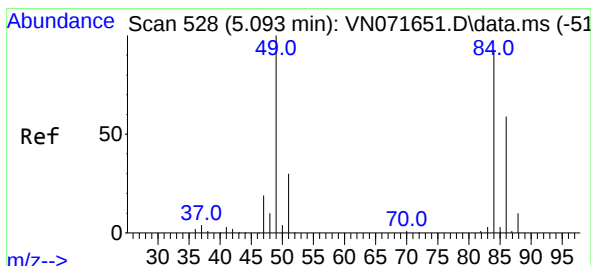
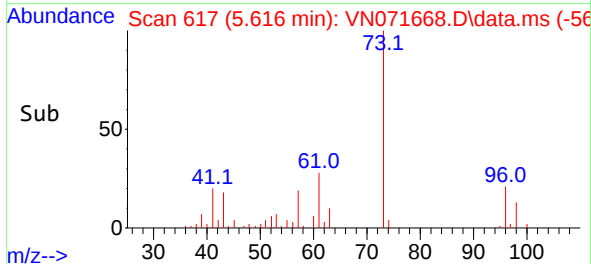
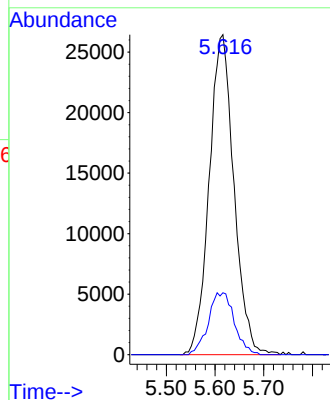
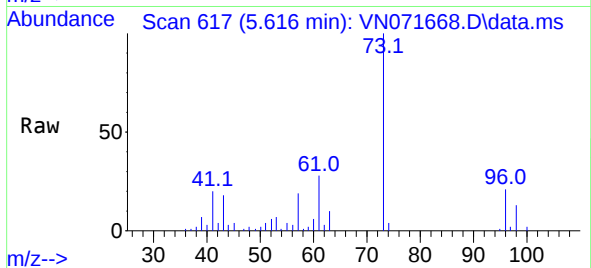




#19
Methyl tert-butyl Ether
Concen: 5.314 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

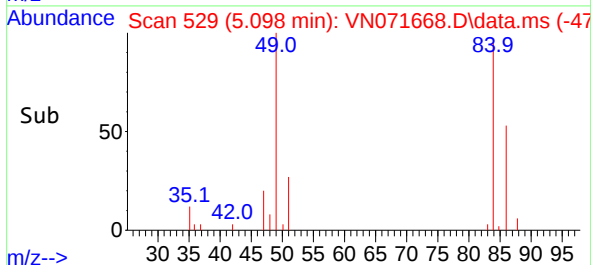
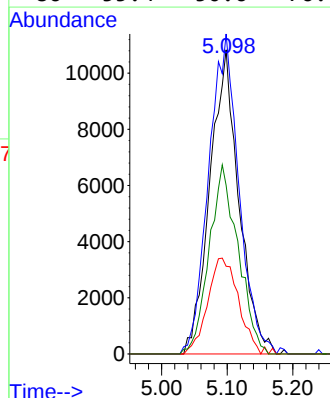
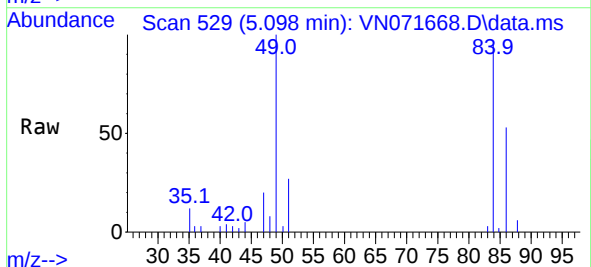
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

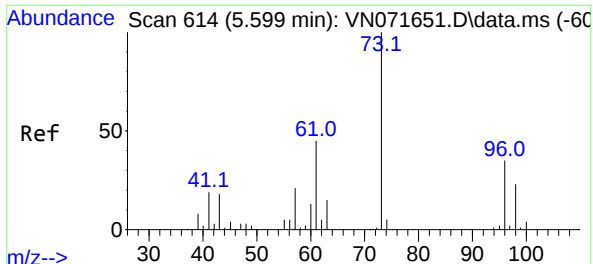
Tgt Ion: 73 Resp: 93080
Ion Ratio Lower Upper
73 100
57 19.3 17.6 26.4



#20
Methylene Chloride
Concen: 5.660 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 84 Resp: 33250
Ion Ratio Lower Upper
84 100
49 105.2 88.3 132.5
51 28.8 28.2 42.2
86 55.4 50.6 76.0

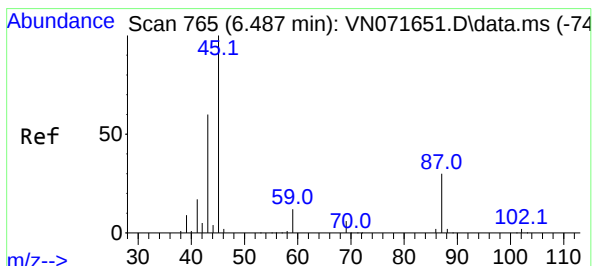
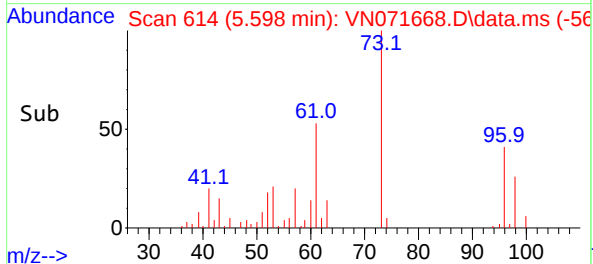
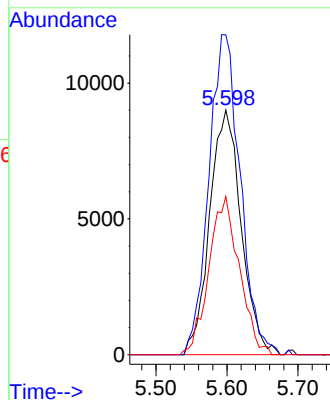
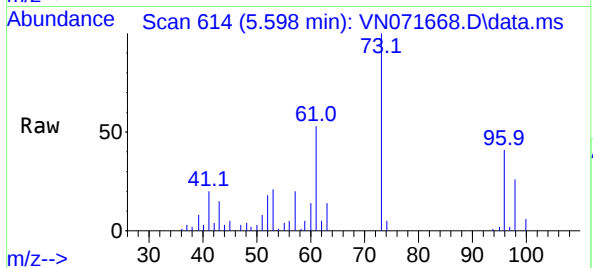




#21
trans-1,2-Dichloroethene
Concen: 5.367 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

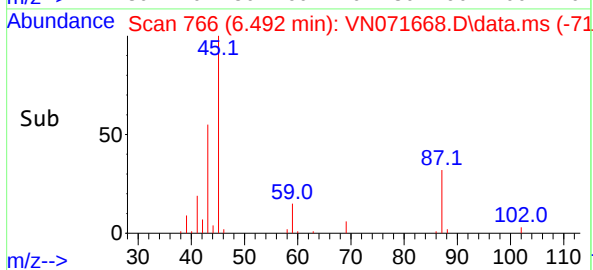
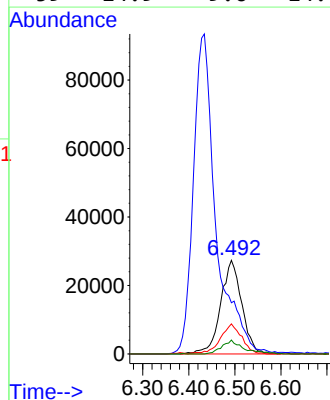
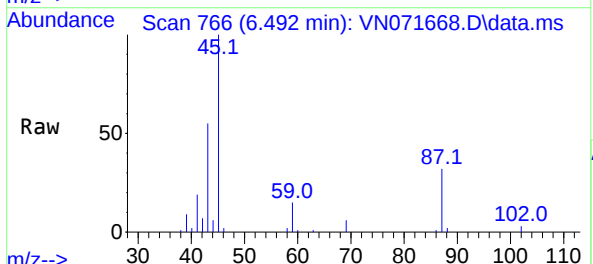
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

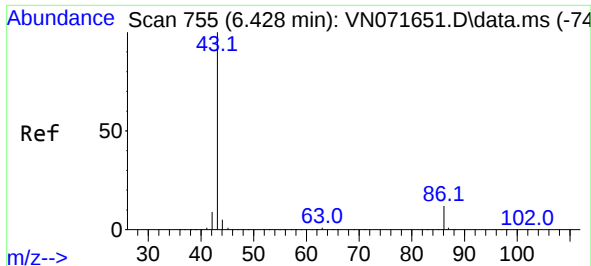
Tgt Ion: 96 Resp: 27779
Ion Ratio Lower Upper
96 100
61 130.7 105.8 158.8
98 64.6 50.3 75.5



#22
Diisopropyl ether
Concen: 5.232 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 45 Resp: 87170
Ion Ratio Lower Upper
45 100
43 52.9 46.6 70.0
87 32.2 24.3 36.5
59 14.9 9.6 14.4

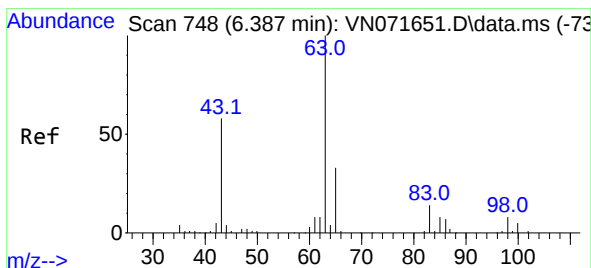
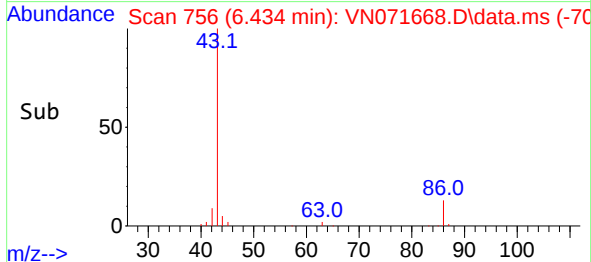
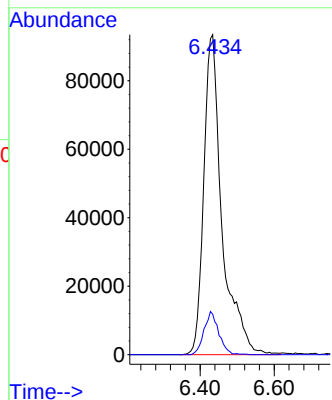
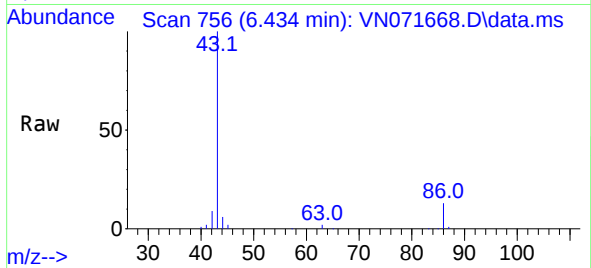




#23
 Vinyl Acetate
 Concen: 24.145 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

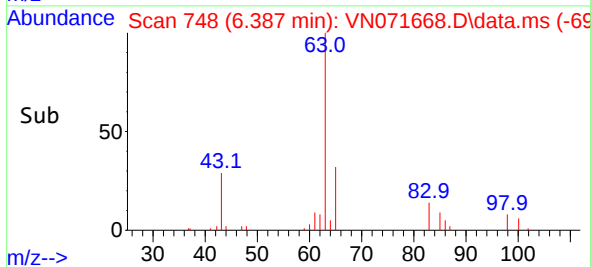
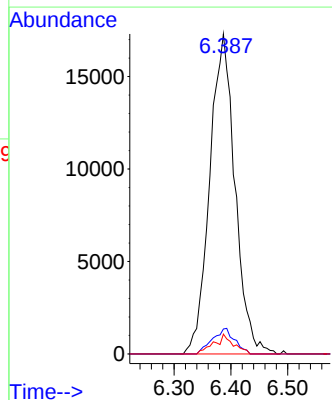
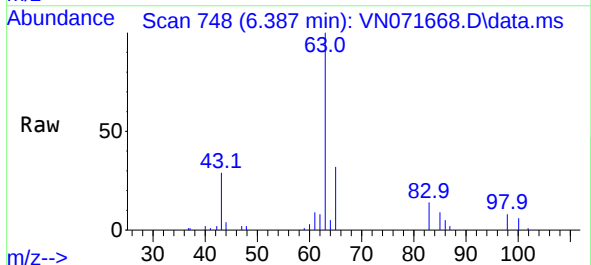
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

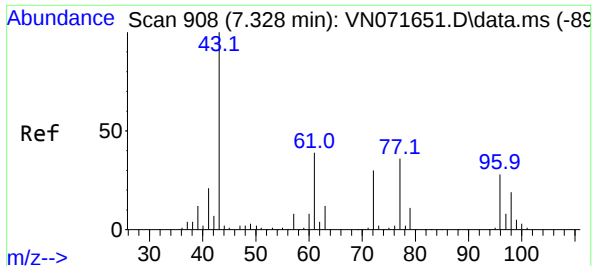
Tgt Ion: 43 Resp: 319884
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 5.465 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

Tgt Ion: 63 Resp: 53445
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 6.2 2.3 6.8





#25

2-Butanone

Concen: 27.719 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

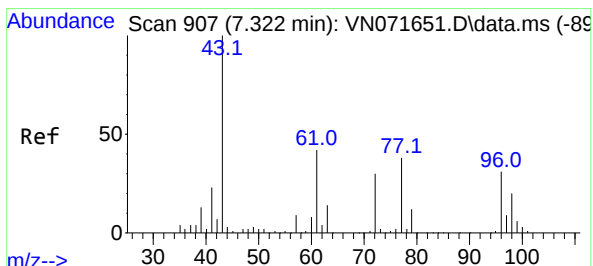
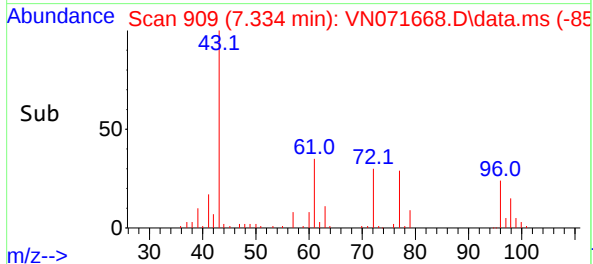
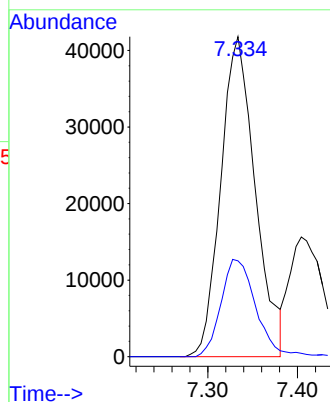
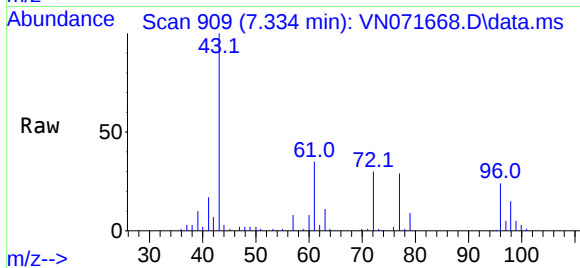
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 111369

Ion Ratio Lower Upper

43 100

72 30.0 23.7 35.5



#26

2,2-Dichloropropane

Concen: 4.974 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071668.D

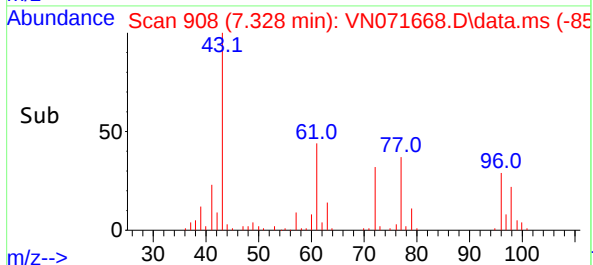
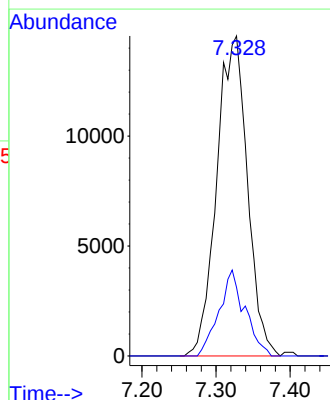
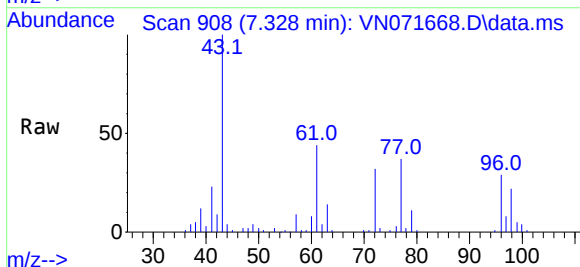
Acq: 30 Mar 2022 18:56

Tgt Ion: 77 Resp: 41792

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2

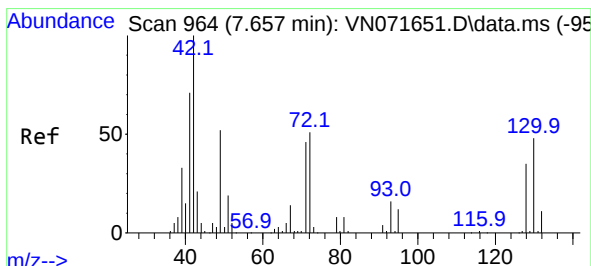
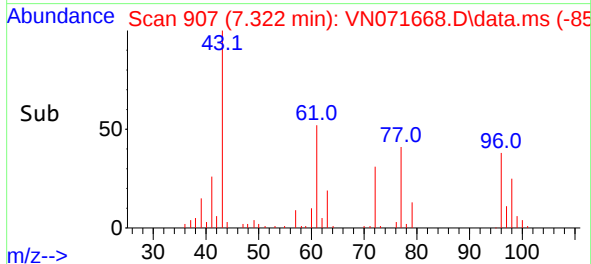
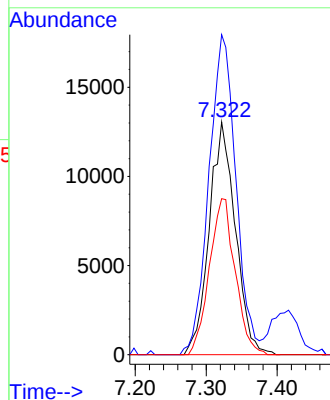
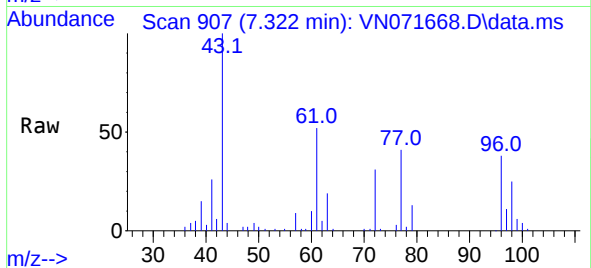




#27
cis-1,2-Dichloroethene
Concen: 5.265 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

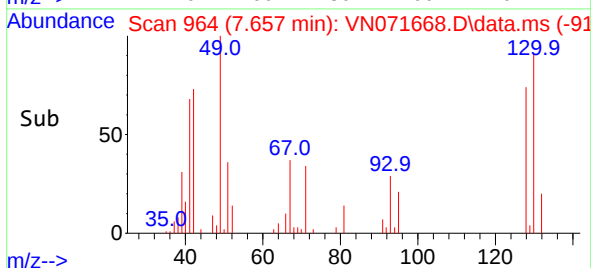
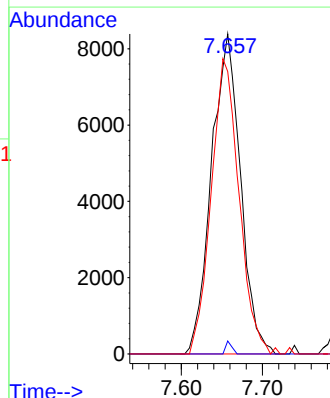
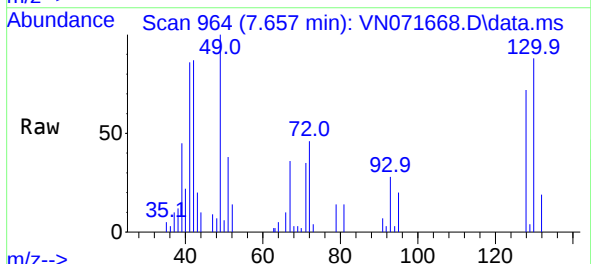
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 96 Resp: 33417
Ion Ratio Lower Upper
96 100
61 141.9 0.0 280.6
98 66.1 0.0 128.4



#28
Bromochloromethane
Concen: 5.282 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 49 Resp: 20838
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 88.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 27.999 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.011 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

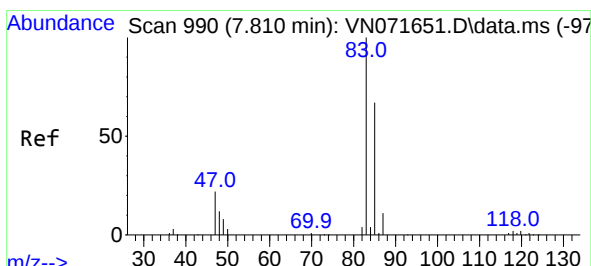
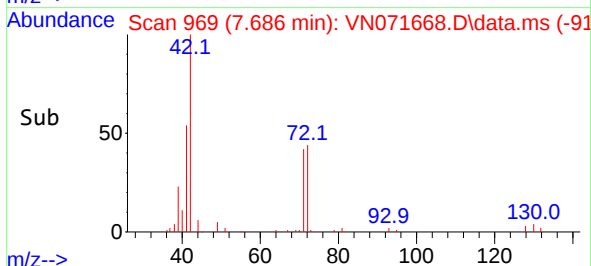
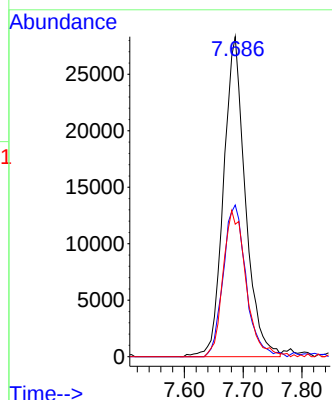
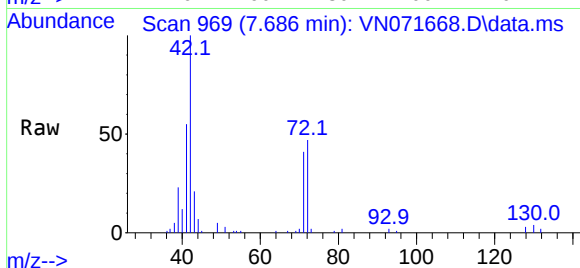
Tgt Ion: 42 Resp: 72839

Ion Ratio Lower Upper

42 100

72 49.4 39.7 59.5

71 48.3 36.6 55.0



#30

Chloroform

Concen: 5.281 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN071668.D

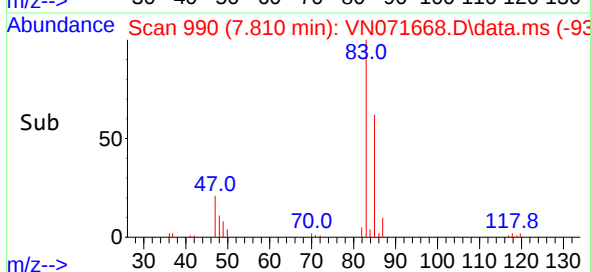
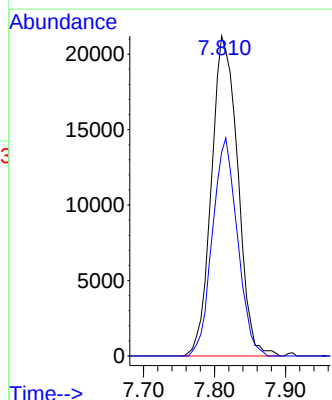
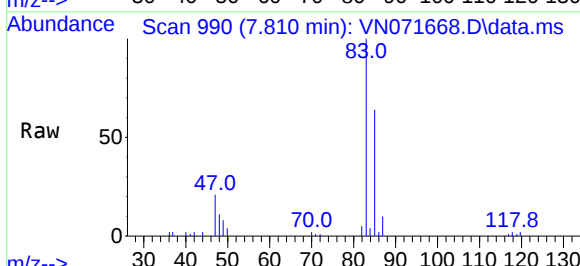
Acq: 30 Mar 2022 18:56

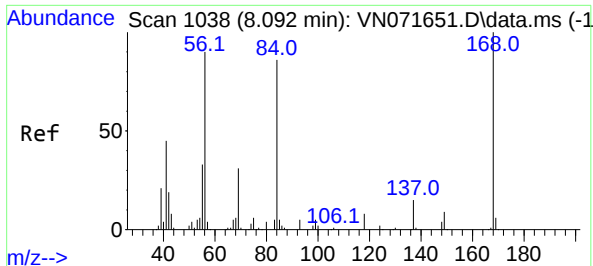
Tgt Ion: 83 Resp: 54539

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8





#31

Cyclohexane

Concen: 6.296 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

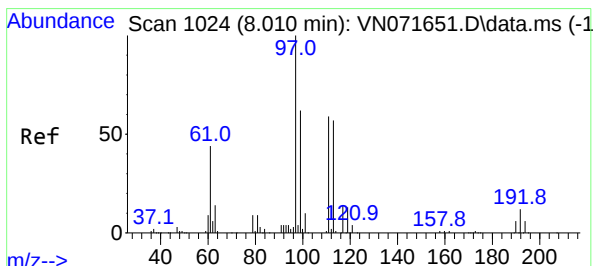
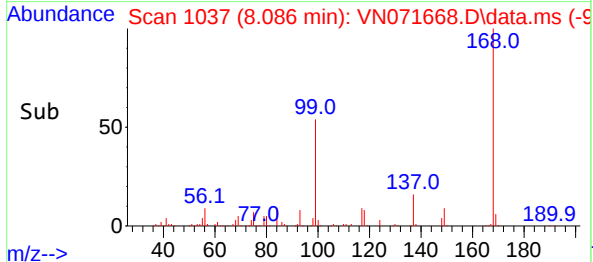
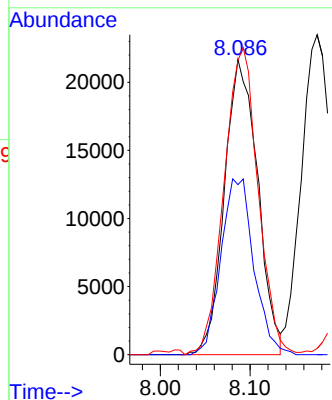
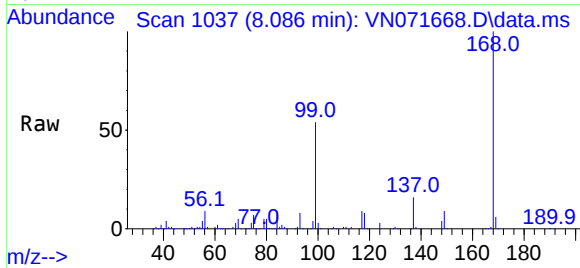
Tgt Ion: 56 Resp: 55835

Ion Ratio Lower Upper

56 100

69 57.6 27.8 41.8#

84 98.1 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 5.298 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

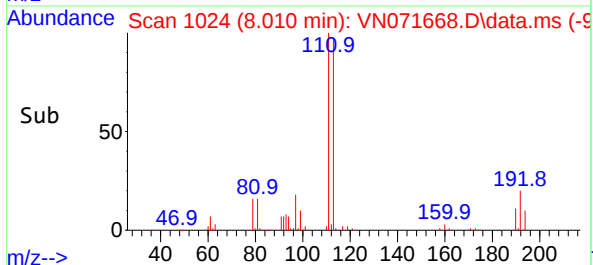
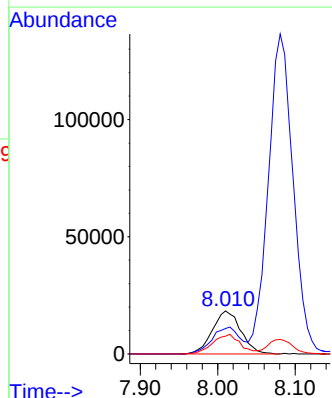
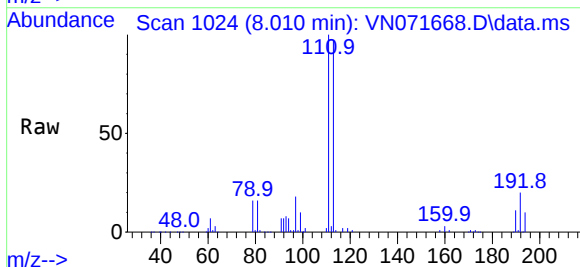
Tgt Ion: 97 Resp: 46811

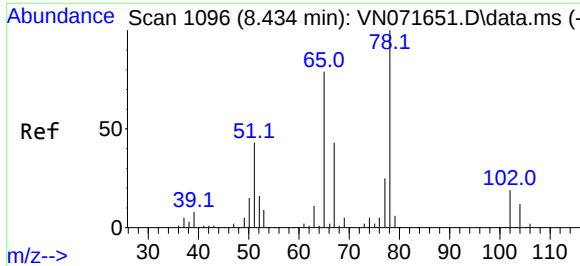
Ion Ratio Lower Upper

97 100

99 63.0 50.6 76.0

61 43.2 36.0 54.0

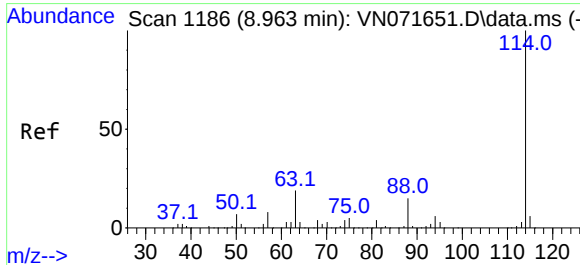
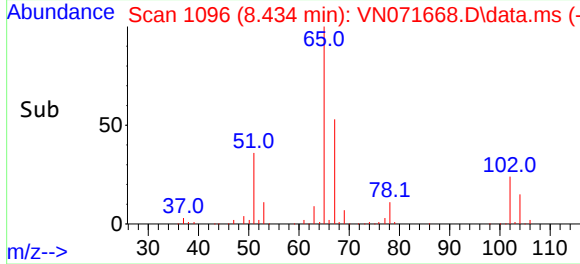
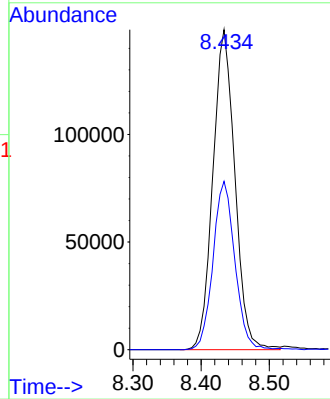
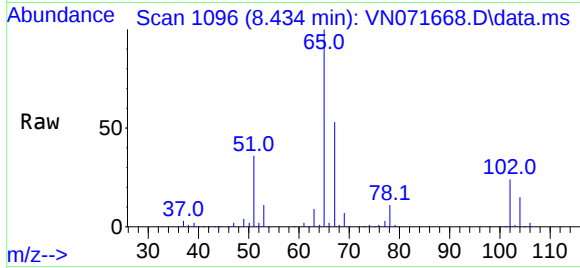




#33
1,2-Dichloroethane-d4
Concen: 51.180 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

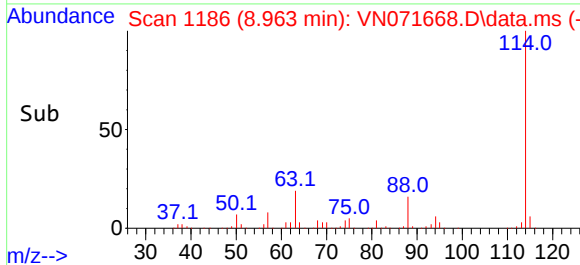
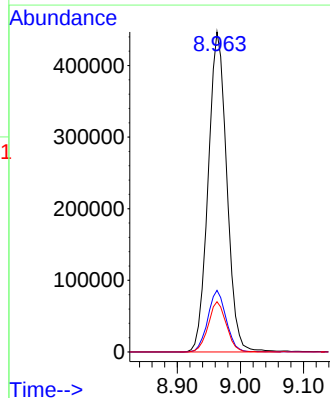
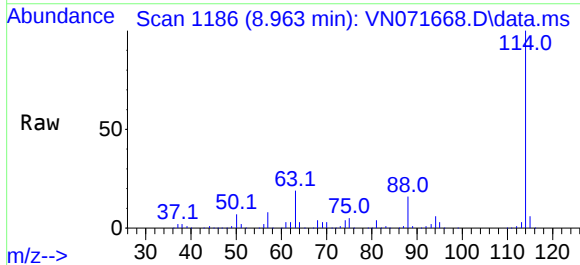
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

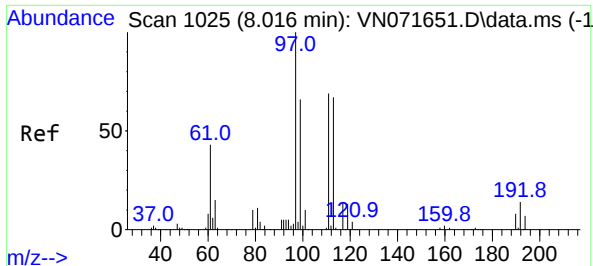
Tgt Ion: 65 Resp: 333755
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:114 Resp: 915465
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.7 0.0 32.6

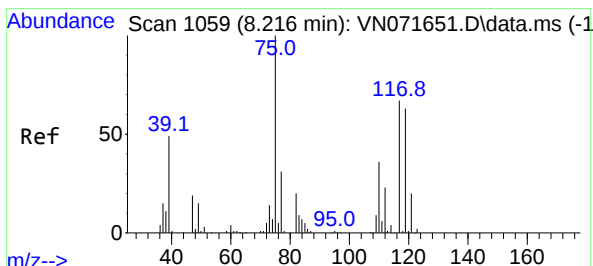
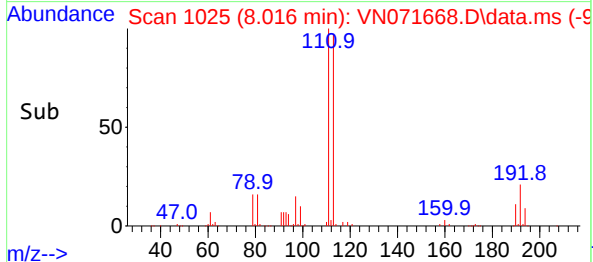
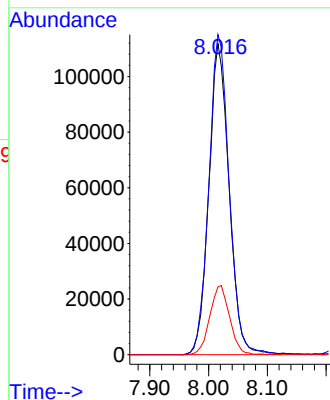
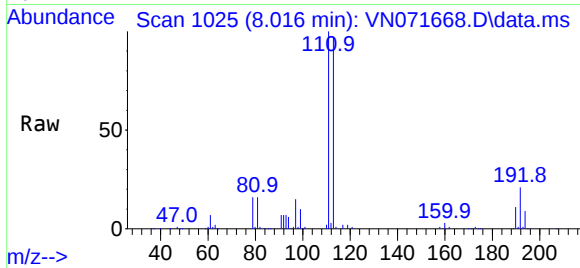




#35
Dibromofluoromethane
Concen: 49.657 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

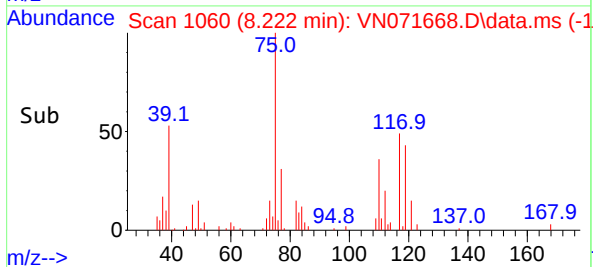
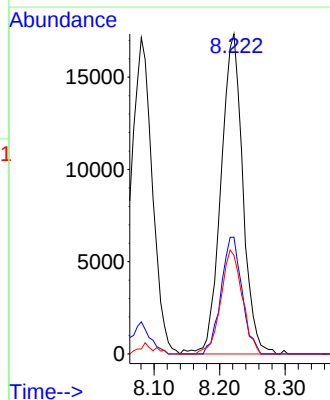
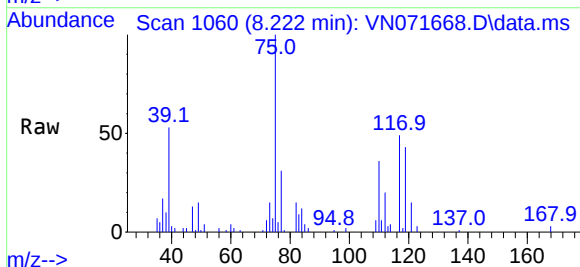
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

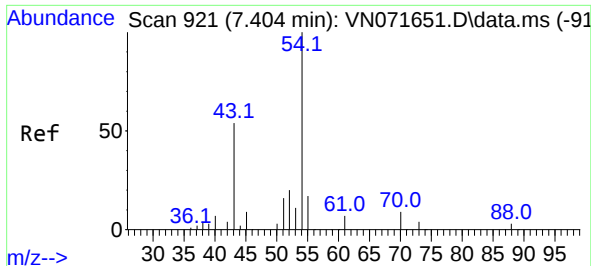
Tgt Ion:113 Resp: 267502
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

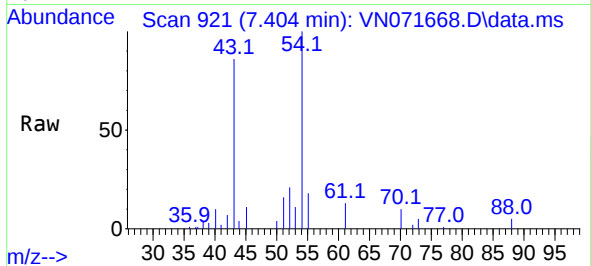
Tgt Ion: 75 Resp: 40104
Ion Ratio Lower Upper
75 100
110 34.9 18.3 54.8
77 31.7 25.1 37.7





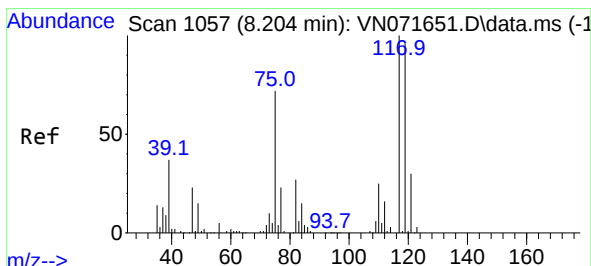
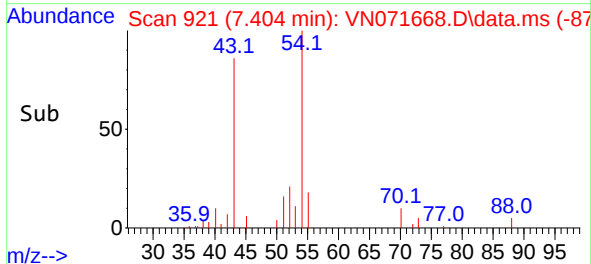
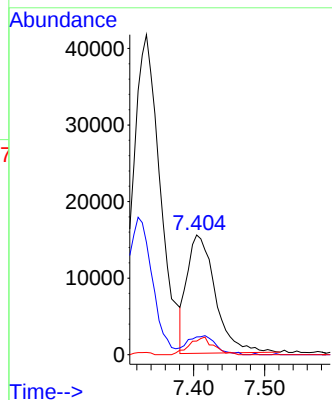
#37
Ethyl Acetate
Concen: 5.179 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 43 Resp: 42641

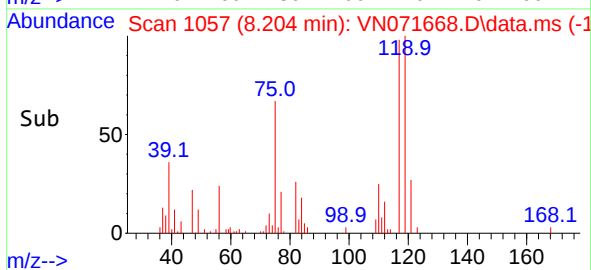
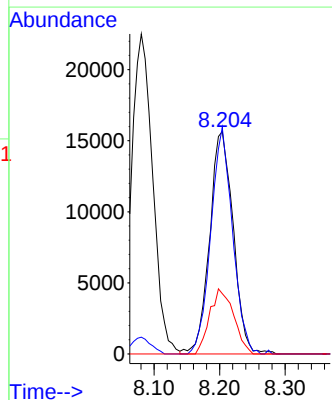
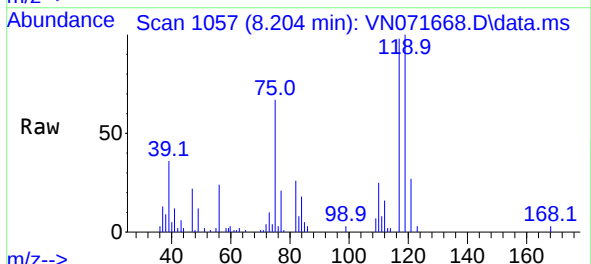
Ion	Ratio	Lower	Upper
43	100		
61	16.5	11.8	17.6
70	12.6	9.3	13.9



#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 117 Resp: 39011

Ion	Ratio	Lower	Upper
117	100		
119	101.9	75.8	113.8
121	27.2	24.6	37.0





#39

Methylcyclohexane

Concen: 5.397 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

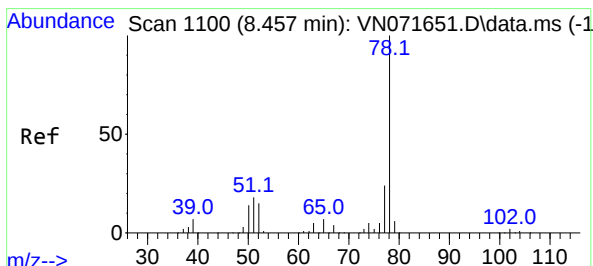
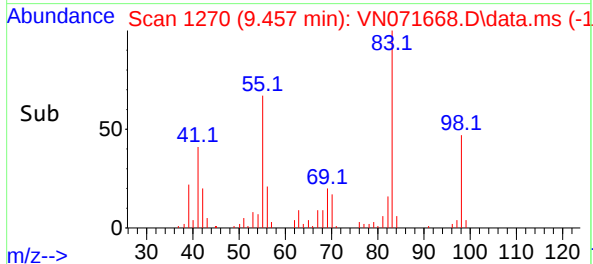
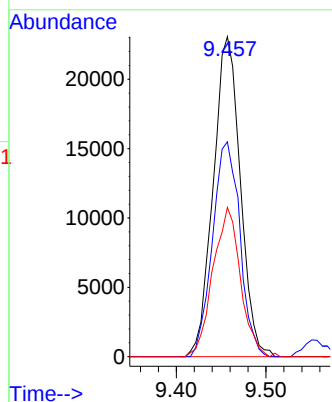
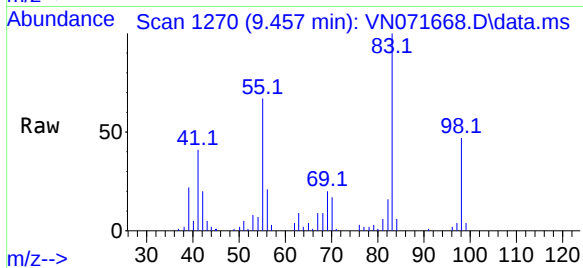
Tgt Ion: 83 Resp: 48332

Ion Ratio Lower Upper

83 100

55 67.2 57.8 86.8

98 46.6 39.4 59.2



#40

Benzene

Concen: 5.347 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071668.D

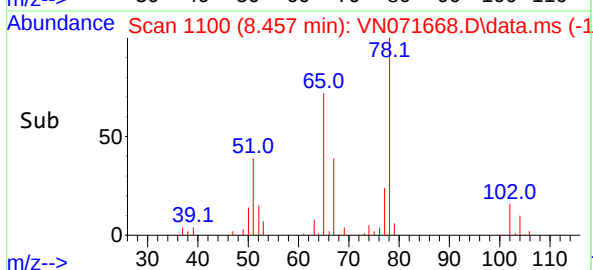
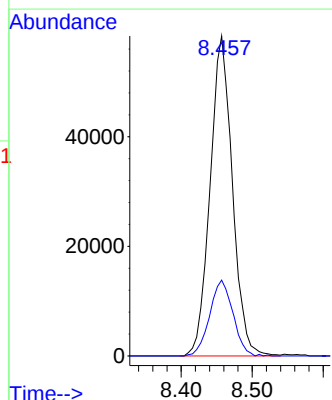
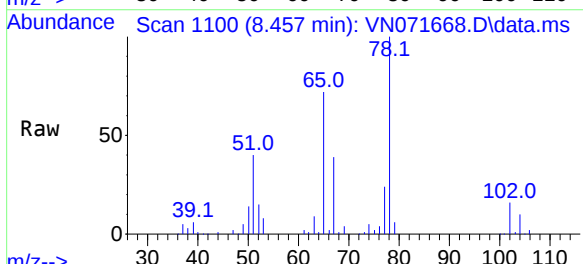
Acq: 30 Mar 2022 18:56

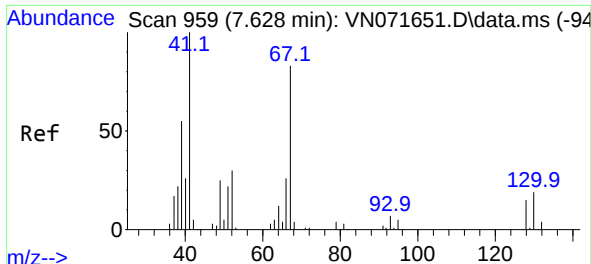
Tgt Ion: 78 Resp: 127069

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0



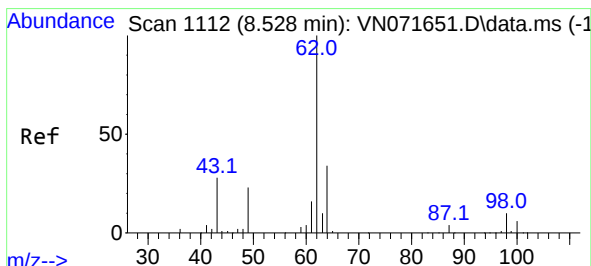
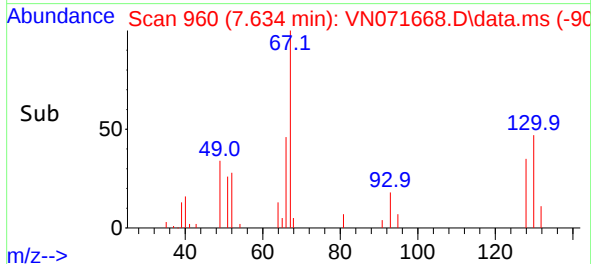
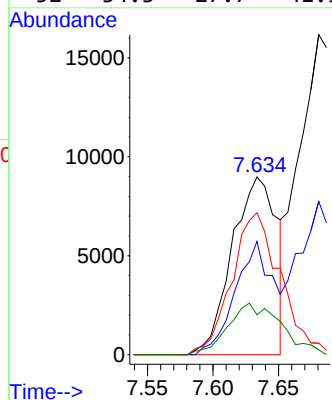
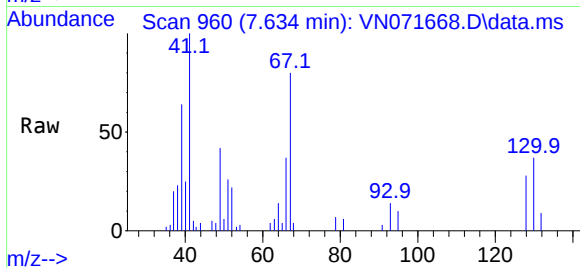


#41
Methacrylonitrile
Concen: 5.287 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 41 Resp: 21315

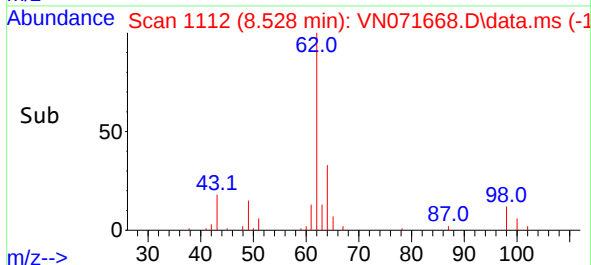
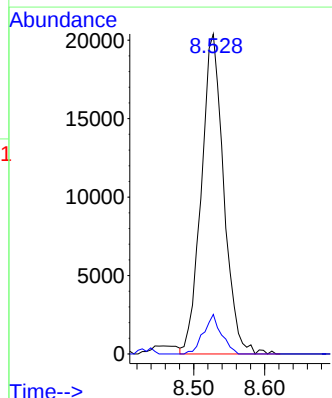
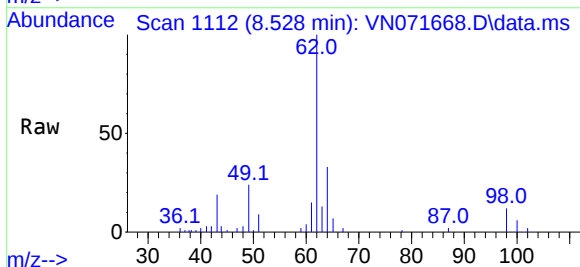
Ion	Ratio	Lower	Upper
41	100		
39	53.7	48.6	73.0
67	86.7	73.4	110.2
52	34.3	27.7	41.5



#42
1,2-Dichloroethane
Concen: 5.448 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 62 Resp: 44786

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4

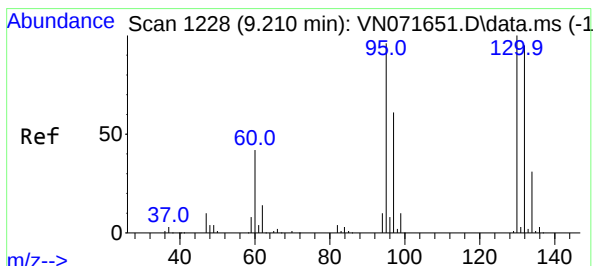
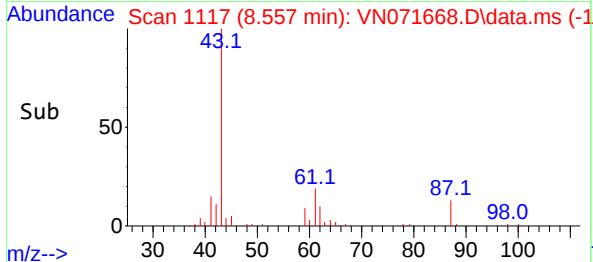
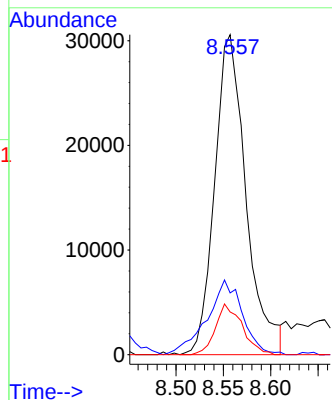
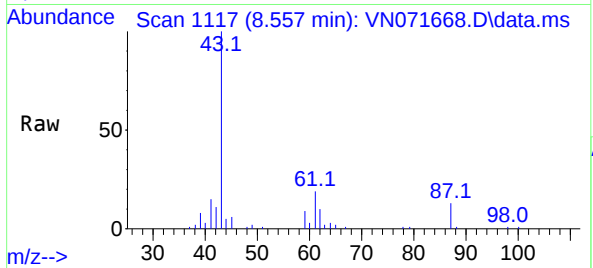




#43
Isopropyl Acetate
Concen: 5.140 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

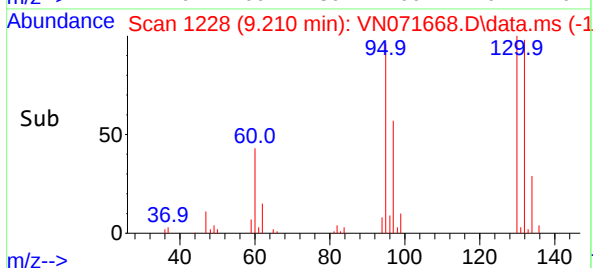
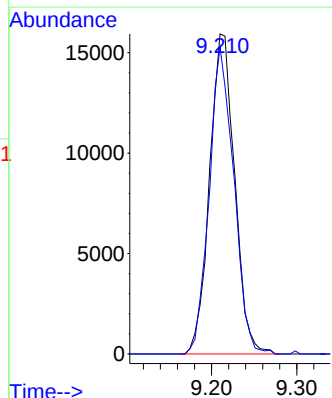
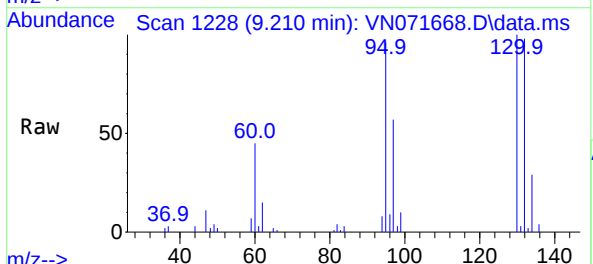
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

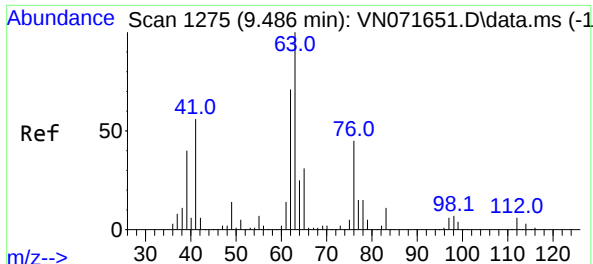
Tgt Ion: 43	Resp: 70399
Ion Ratio	Lower Upper
43	100
61	26.6 21.9 32.9
87	13.5 12.0 18.0



#44
Trichloroethene
Concen: 5.330 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 130	Resp: 32633
Ion Ratio	Lower Upper
130	100
95	95.9 0.0 186.8

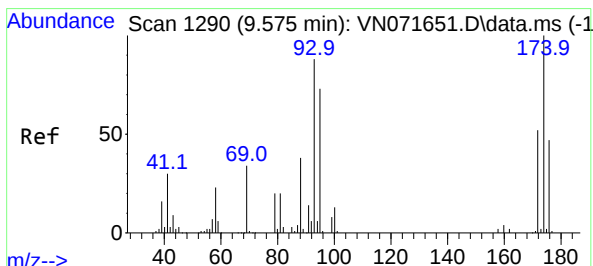
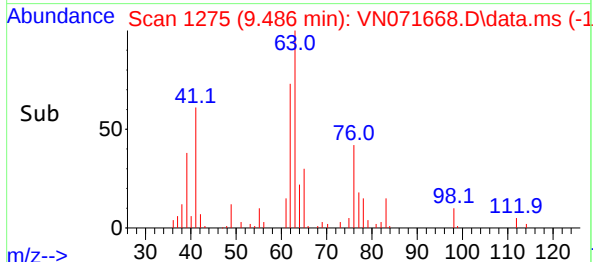
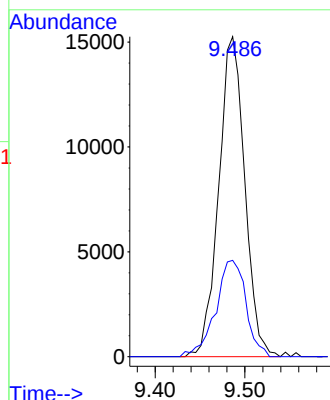
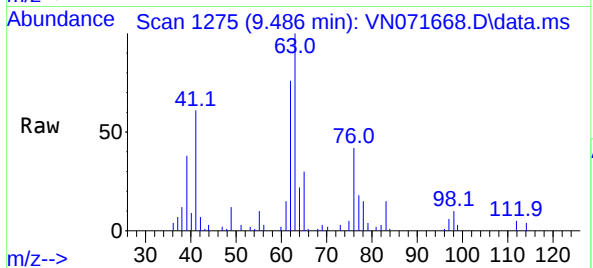




#45
1,2-Dichloropropane
Concen: 5.176 ug/l
RT: 9.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

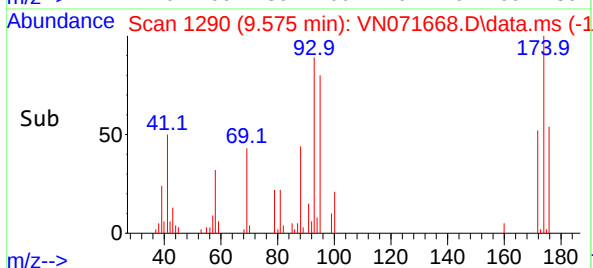
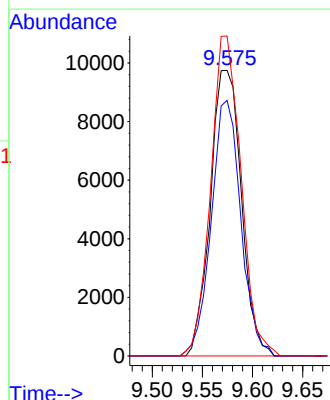
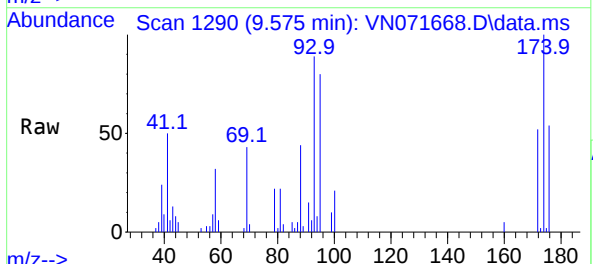
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

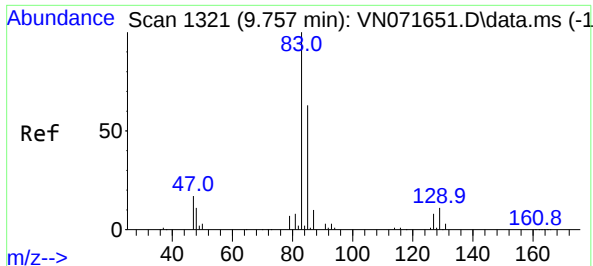
Tgt Ion: 63 Resp: 30730
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3



#46
Dibromomethane
Concen: 5.190 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 93 Resp: 20920
Ion Ratio Lower Upper
93 100
95 85.7 66.9 100.3
174 109.8 86.6 130.0

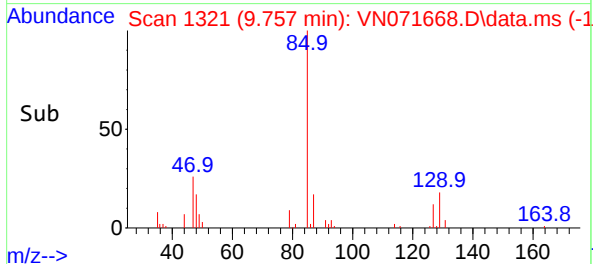
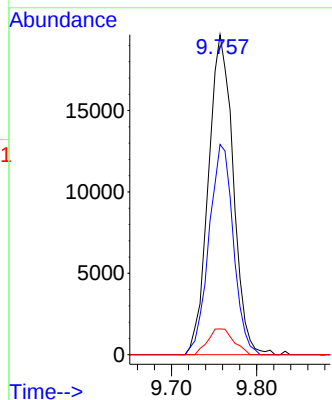
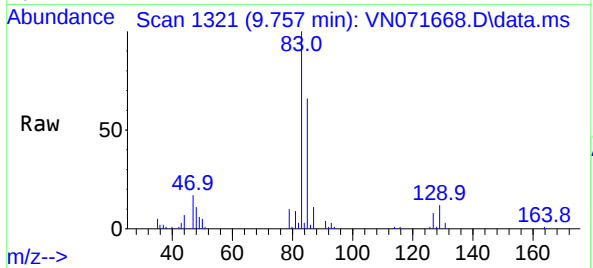




#47
Bromodichloromethane
Concen: 4.999 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

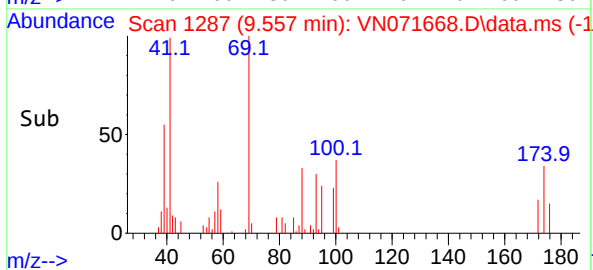
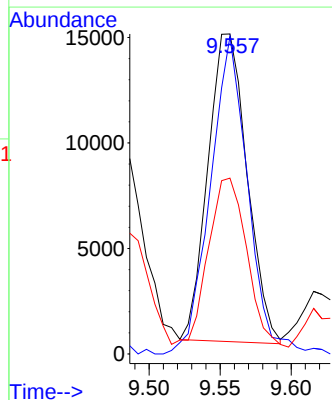
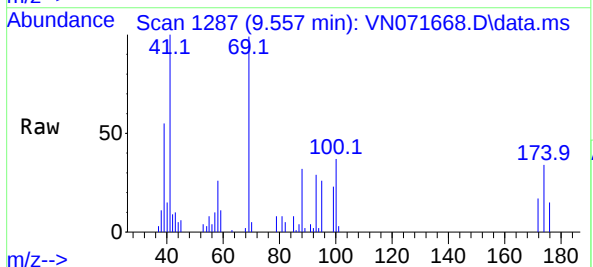
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

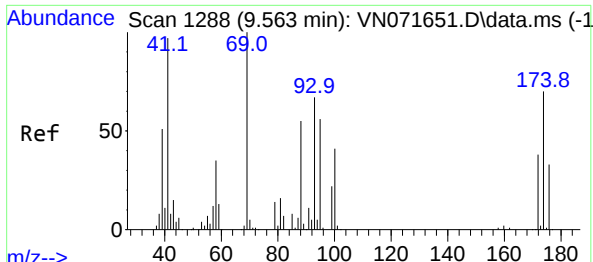
Tgt Ion: 83	Resp: 39665
Ion Ratio	Lower Upper
83 100	
85 65.7	50.5 75.7
127 8.0	6.8 10.2



#48
Methyl methacrylate
Concen: 4.914 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 41	Resp: 27924
Ion Ratio	Lower Upper
41 100	
69 99.1	74.7 112.1
39 58.4	45.6 68.4

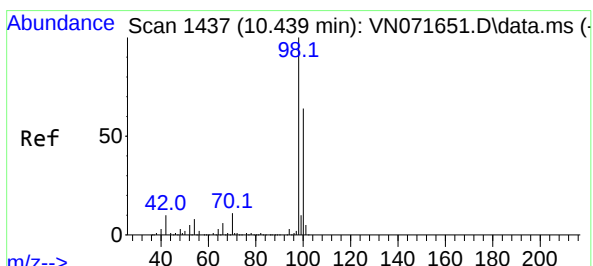
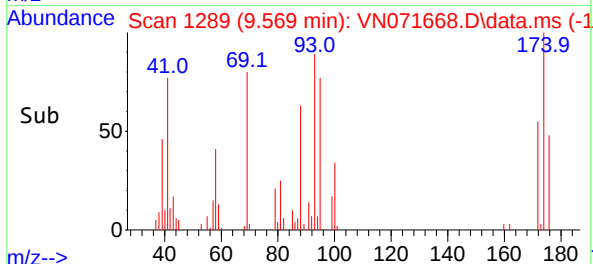
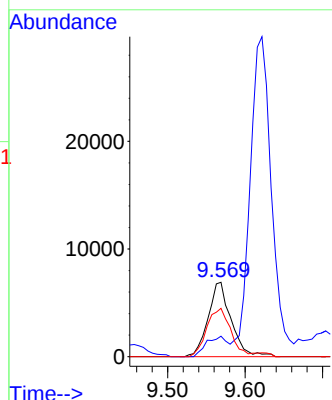
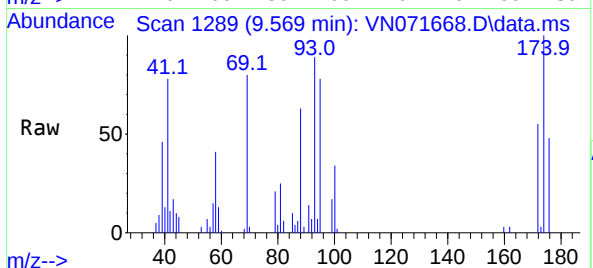




#49
1,4-Dioxane
Concen: 93.037 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

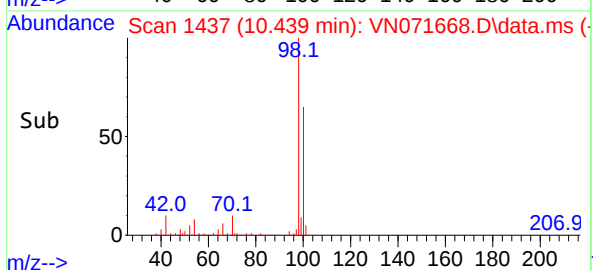
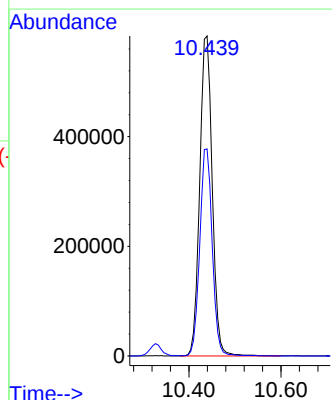
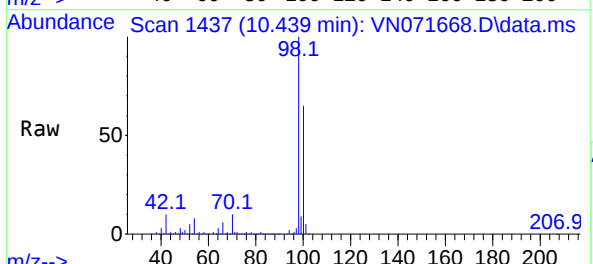
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 88 Resp: 14230
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.4
58 68.9 54.2 81.4



#50
Toluene-d8
Concen: 50.137 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 98 Resp: 1104867
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 27.156 ug/l

RT: 10.327 min Scan# 1417

Delta R.T. 0.005 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

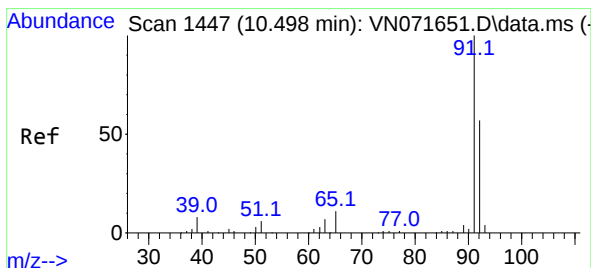
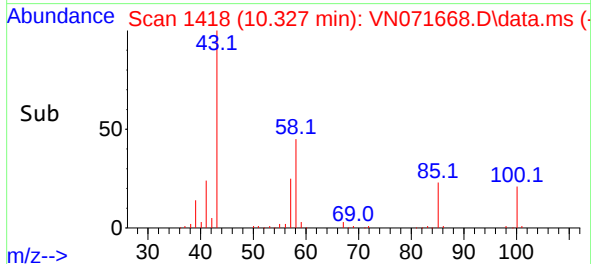
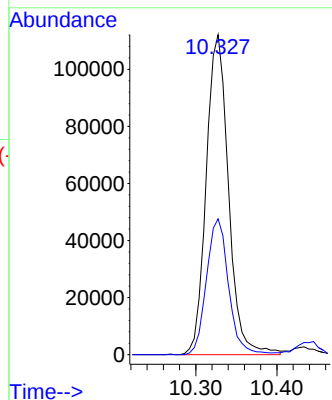
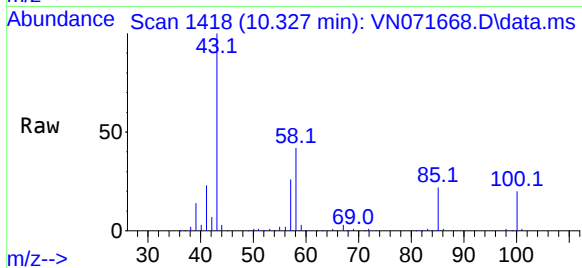
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 213827

Ion Ratio Lower Upper

43 100

58 42.0 34.1 51.1



#52

Toluene

Concen: 5.449 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN071668.D

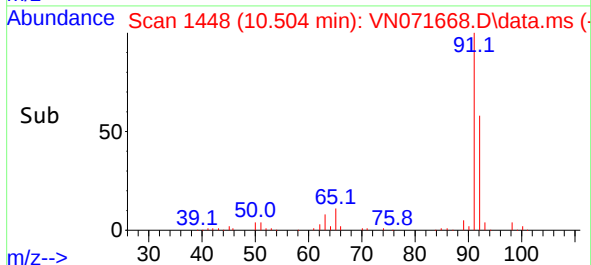
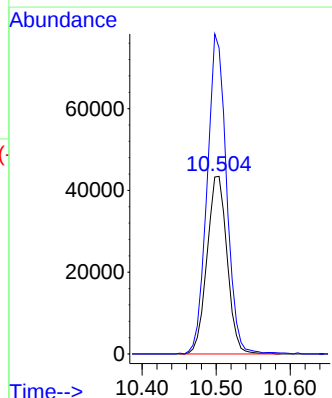
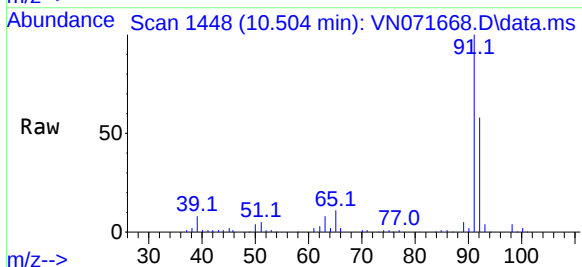
Acq: 30 Mar 2022 18:56

Tgt Ion: 92 Resp: 81855

Ion Ratio Lower Upper

92 100

91 174.0 138.6 207.8

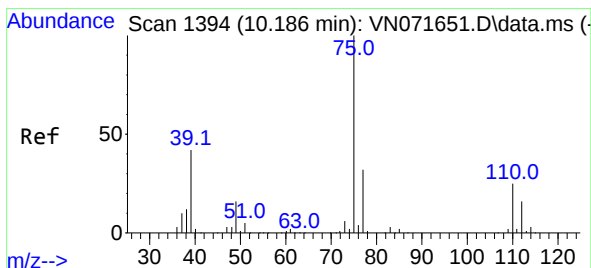
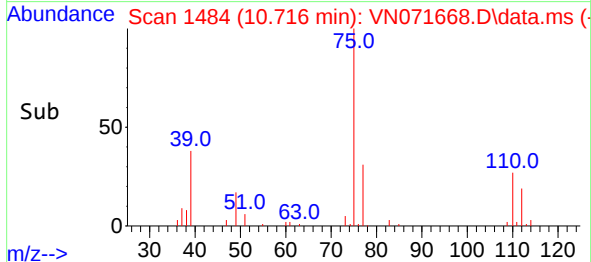
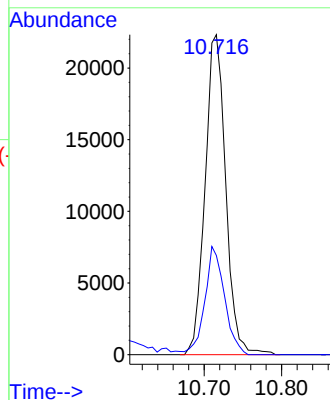
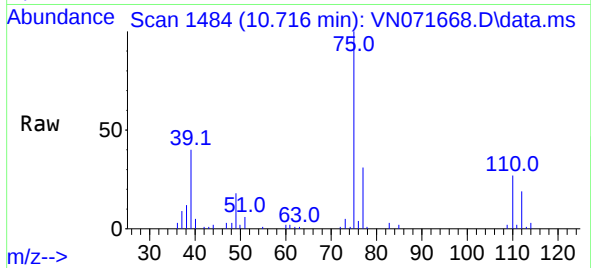




#53
 t-1,3-Dichloropropene
 Concen: 4.961 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

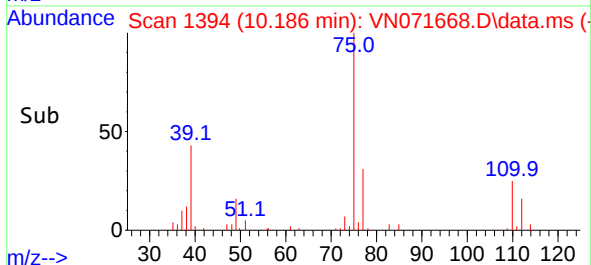
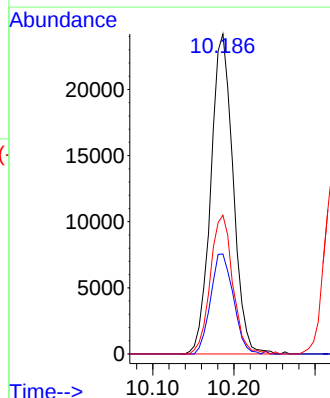
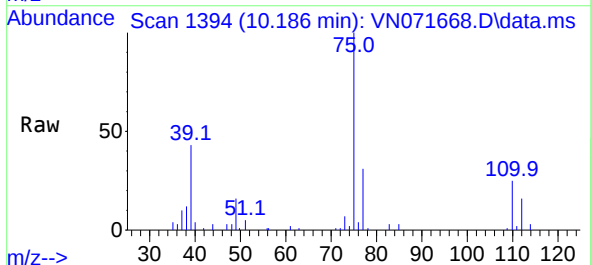
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT1-2022

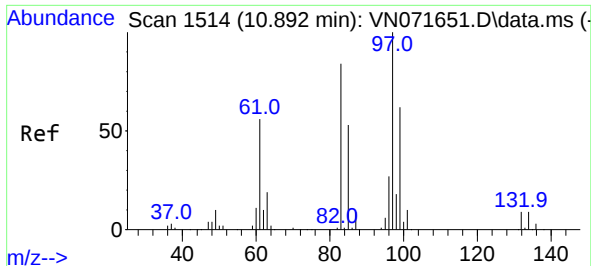
Tgt Ion: 75 Resp: 41253
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.016 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

Tgt Ion: 75 Resp: 46090
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 43.3 35.7 53.5

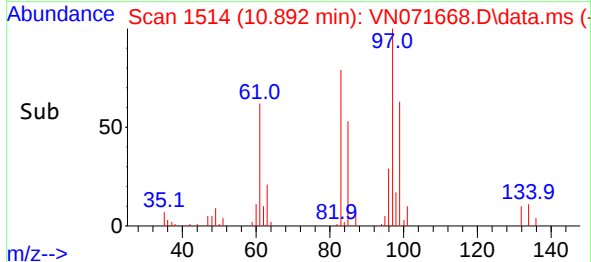
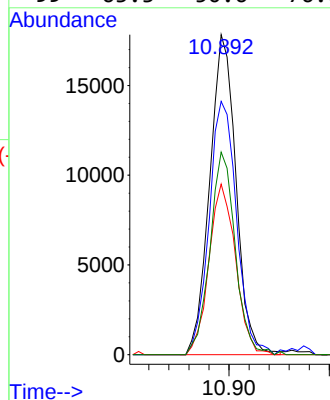
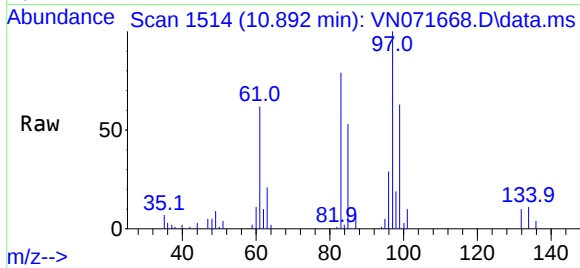




#55
1,1,2-Trichloroethane
Concen: 5.241 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

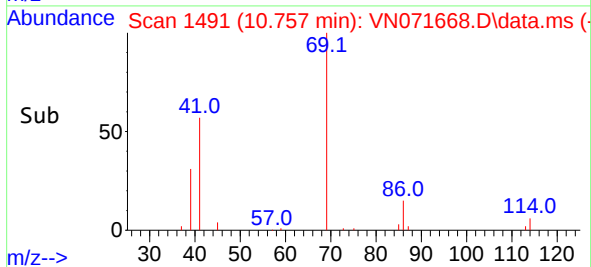
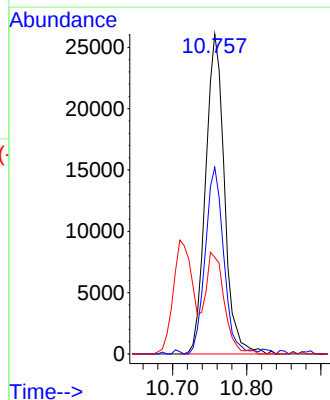
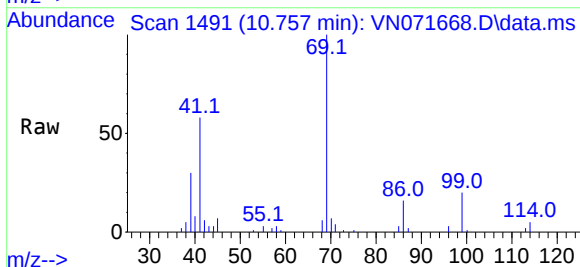
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

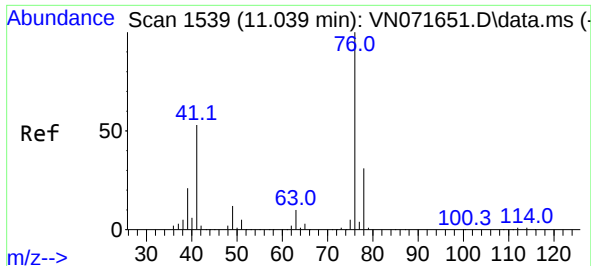
Tgt Ion: 97	Resp: 32402
Ion Ratio	Lower Upper
97 100	
83 79.1	66.2 99.4
85 53.3	43.9 65.9
99 63.3	50.6 76.0



#56
Ethyl methacrylate
Concen: 5.218 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 69	Resp: 46017
Ion Ratio	Lower Upper
69 100	
41 57.5	47.8 71.6
39 32.6	27.3 40.9





#57

1,3-Dichloropropane

Concen: 5.235 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

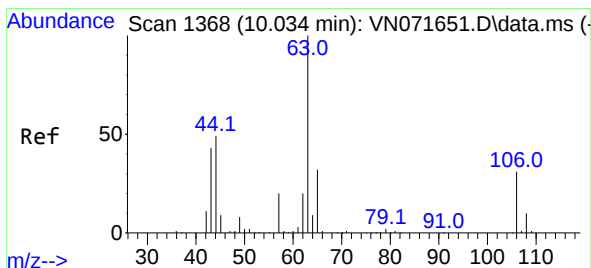
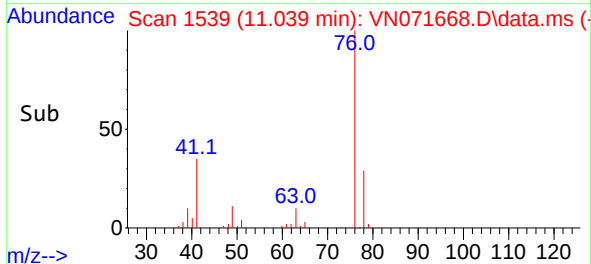
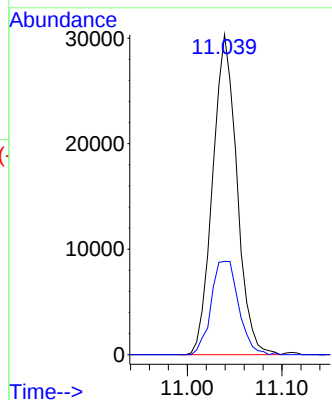
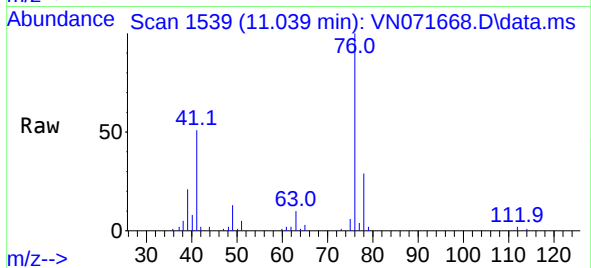
LOQ-WATER-02-QT1-2022

Tgt Ion: 76 Resp: 54110

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 32.111 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN071668.D

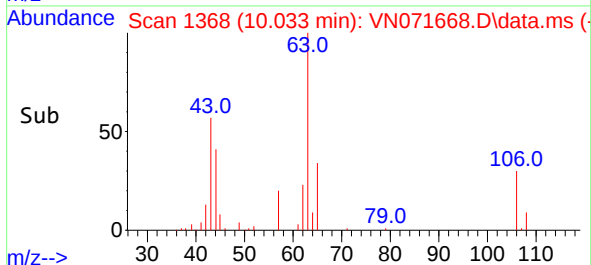
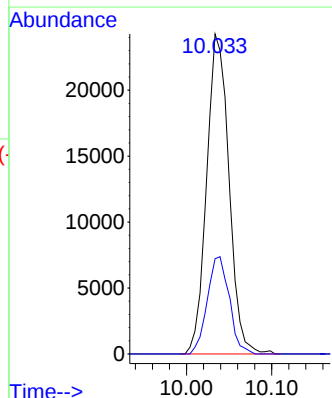
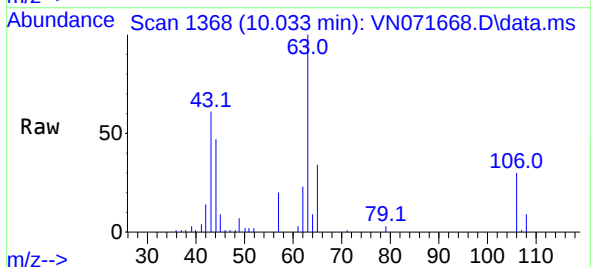
Acq: 30 Mar 2022 18:56

Tgt Ion: 63 Resp: 44115

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

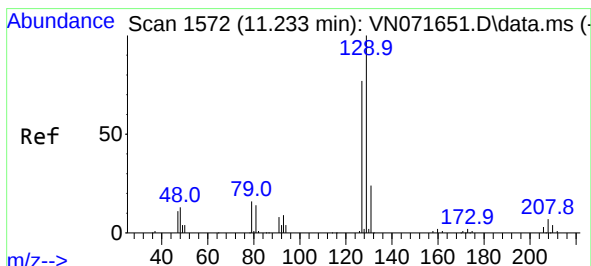
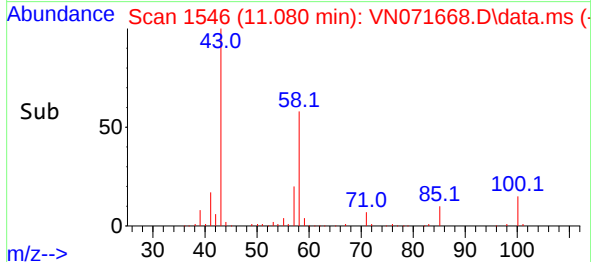
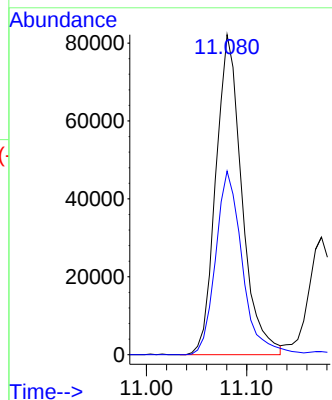
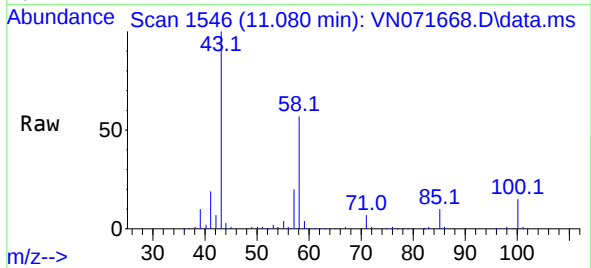




#59
2-Hexanone
Concen: 26.752 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

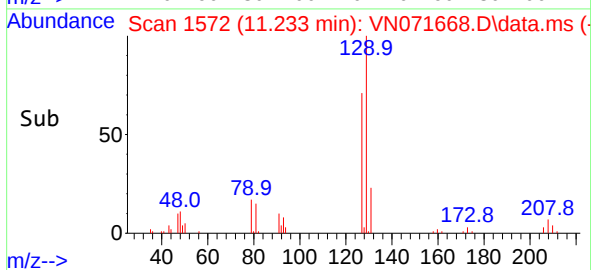
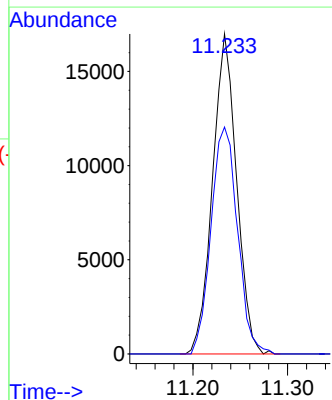
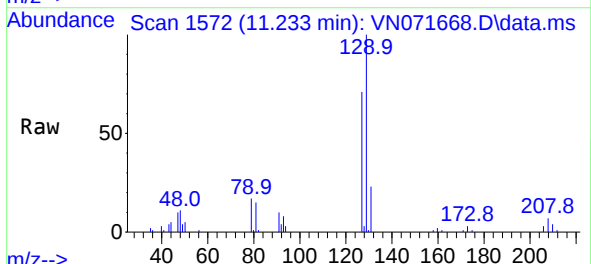
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

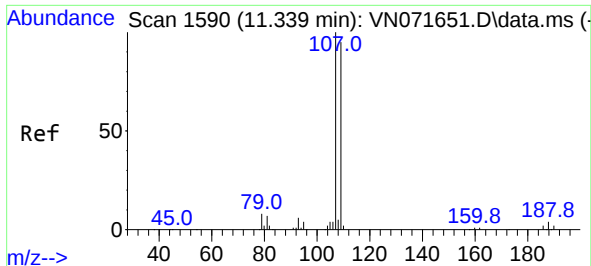
Tgt Ion: 43 Resp: 148306
Ion Ratio Lower Upper
43 100
58 58.7 29.7 89.1



#60
Dibromochloromethane
Concen: 4.974 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:129 Resp: 29982
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

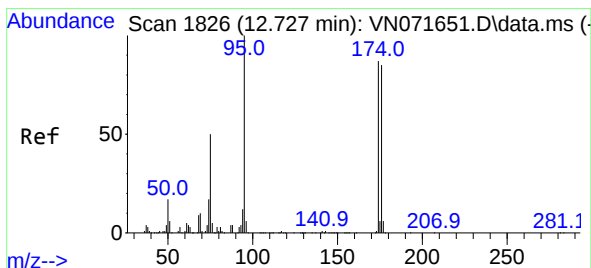
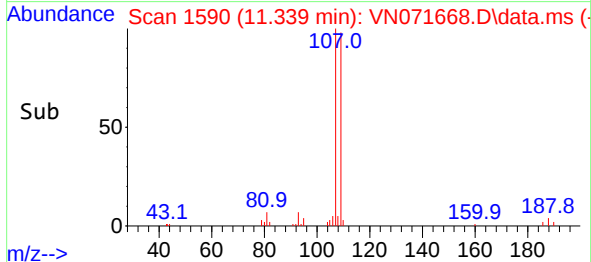
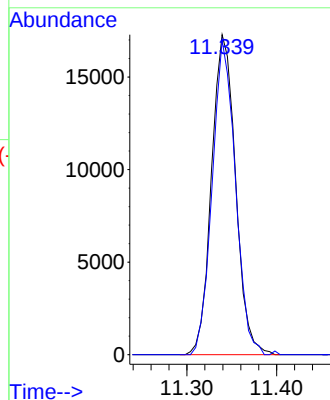
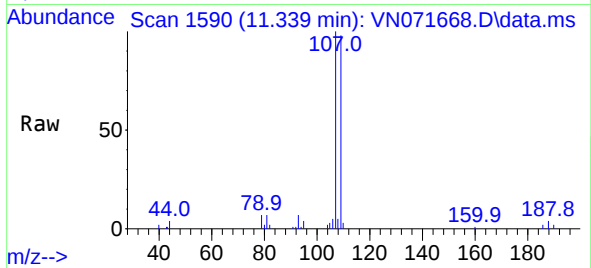




#61
1,2-Dibromoethane
Concen: 5.270 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

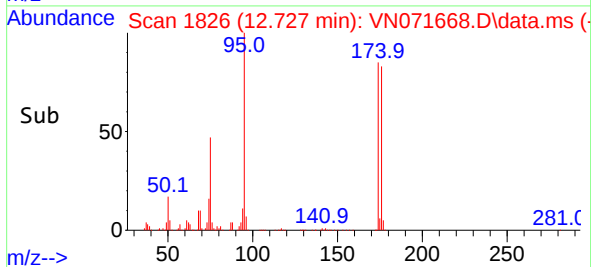
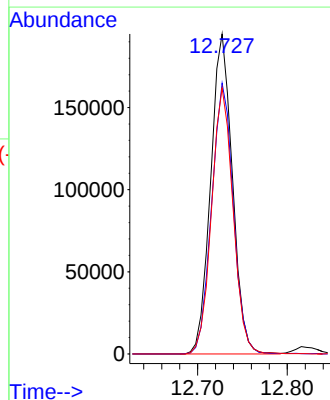
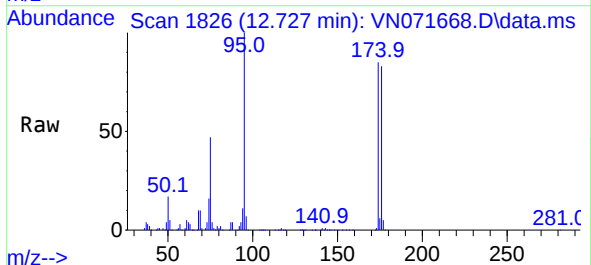
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

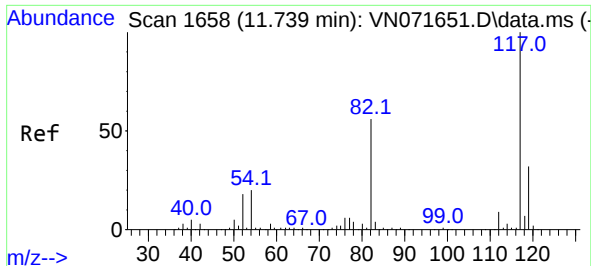
Tgt Ion:107 Resp: 32069
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 45.931 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 95 Resp: 327355
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 82.2 0.0 163.4

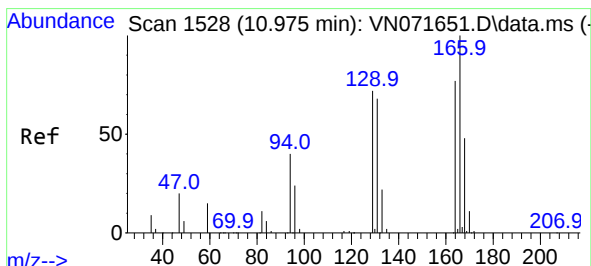
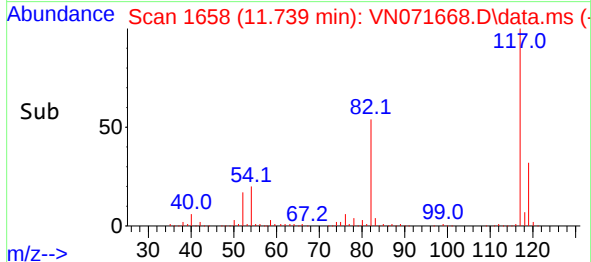
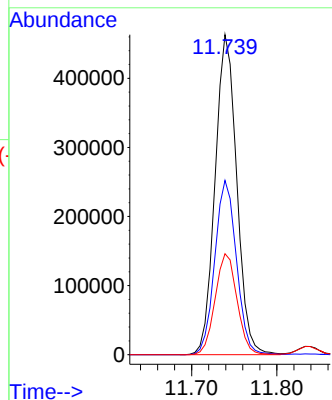
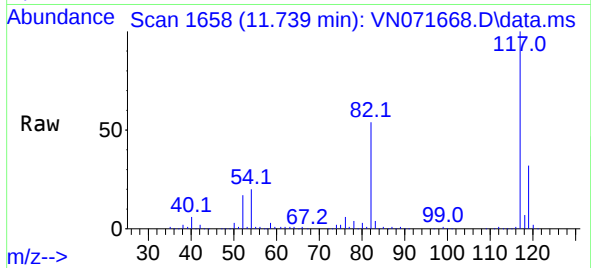




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

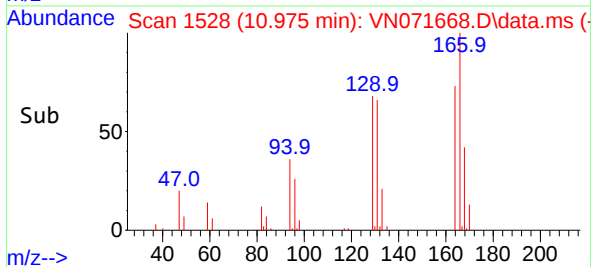
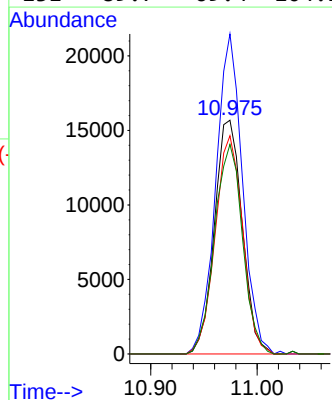
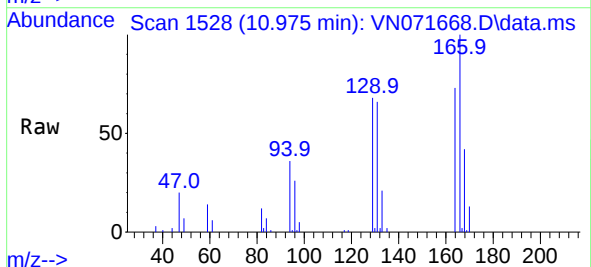
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

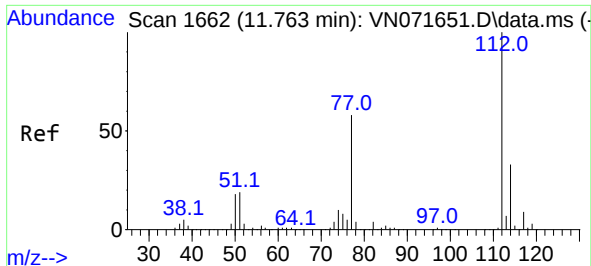
Tgt Ion:117 Resp: 818680
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 5.254 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:164 Resp: 28402
Ion Ratio Lower Upper
164 100
166 136.9 104.2 156.2
129 93.3 73.9 110.9
131 89.7 69.4 104.2

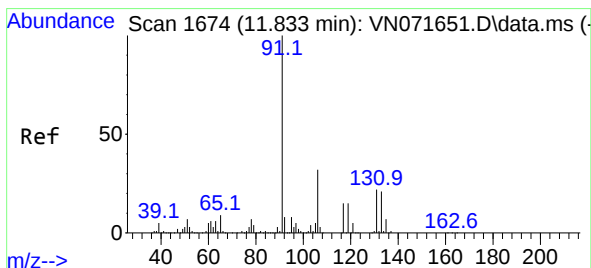
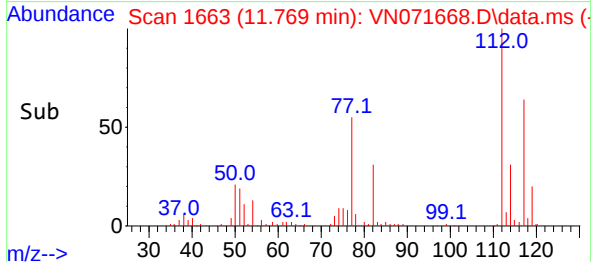
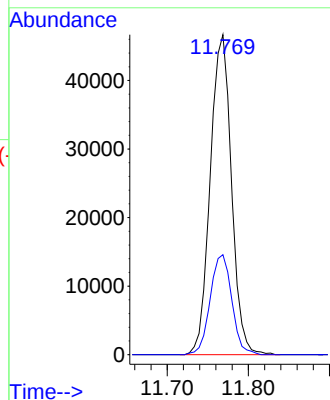
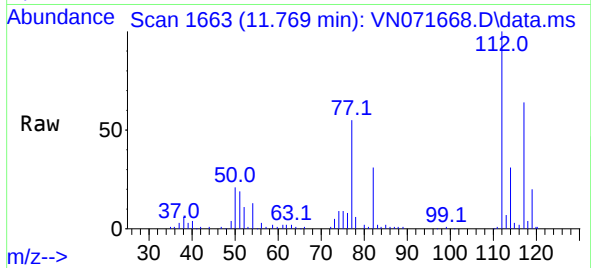




#65
Chlorobenzene
Concen: 5.164 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

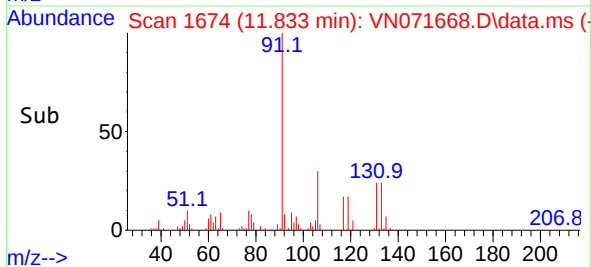
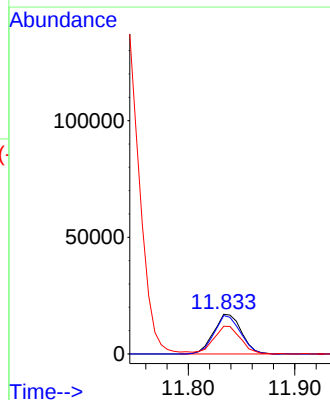
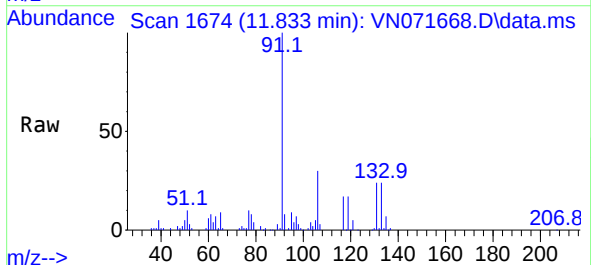
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

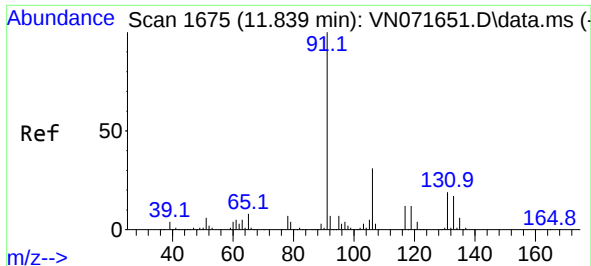
Tgt Ion:112 Resp: 84647
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.192 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:131 Resp: 30712
Ion Ratio Lower Upper
131 100
133 92.3 47.8 143.4
119 68.1 33.4 100.2

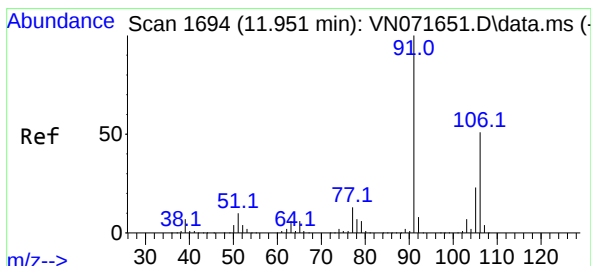
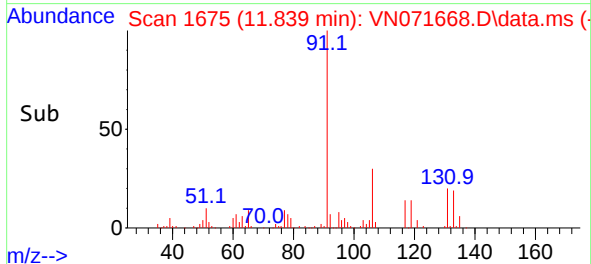
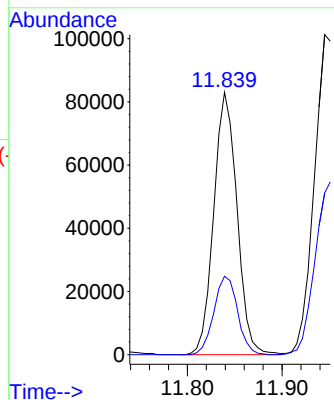
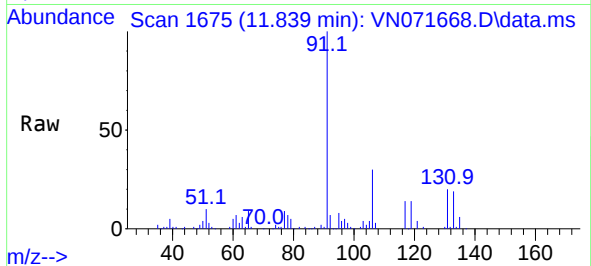




#67
Ethyl Benzene
Concen: 5.102 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

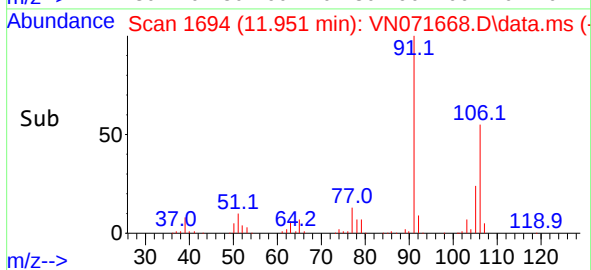
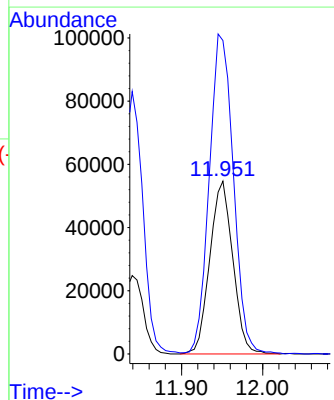
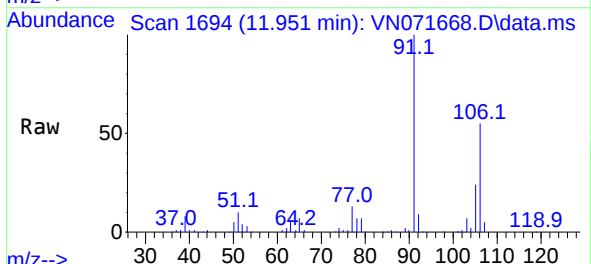
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

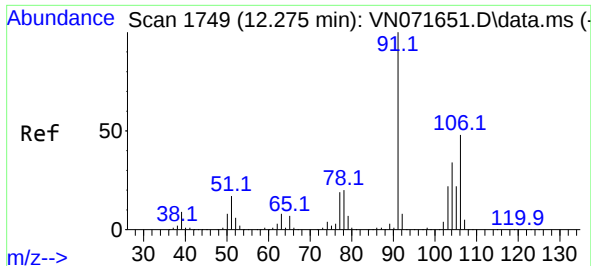
Tgt Ion: 91 Resp: 141578
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 10.097 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:106 Resp: 107662
Ion Ratio Lower Upper
106 100
91 194.3 158.9 238.3





#69

o-Xylene

Concen: 5.079 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

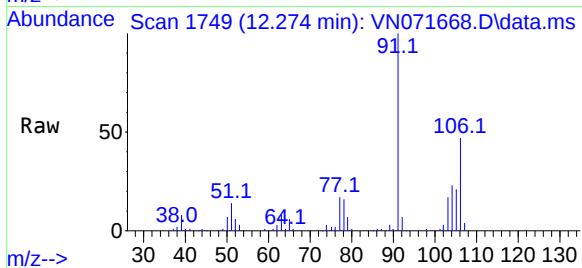
LOQ-WATER-02-QT1-2022

Tgt Ion:106 Resp: 53753

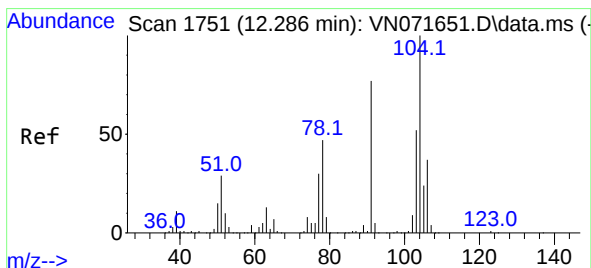
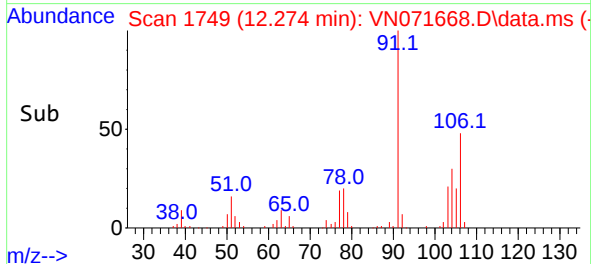
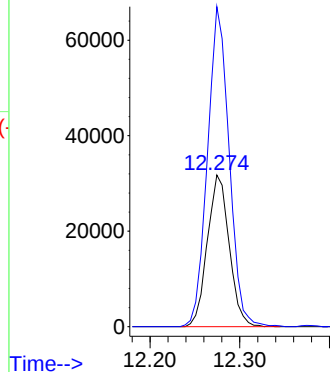
Ion Ratio Lower Upper

106 100

91 209.1 106.0 318.0



Abundance



#70

Styrene

Concen: 4.814 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN071668.D

Acq: 30 Mar 2022 18:56

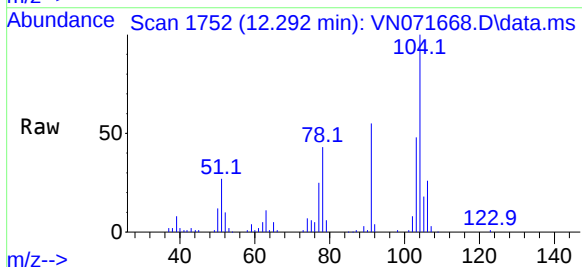
Tgt Ion:104 Resp: 77196

Ion Ratio Lower Upper

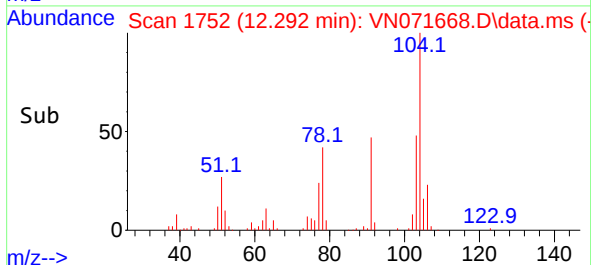
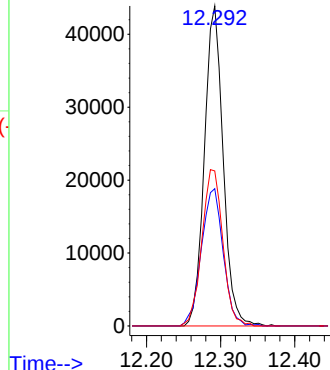
104 100

78 49.8 39.5 59.3

103 54.5 44.0 66.0



Abundance

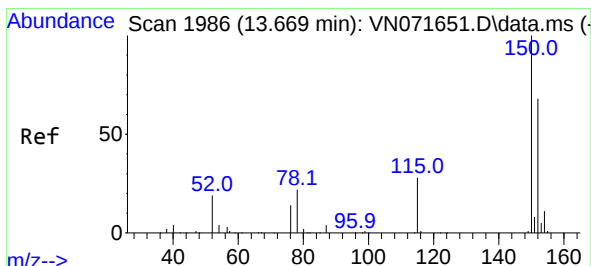
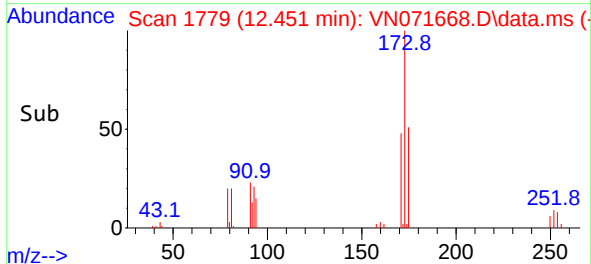
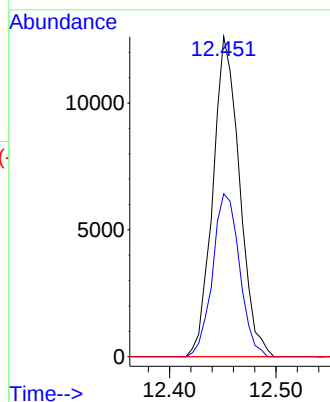
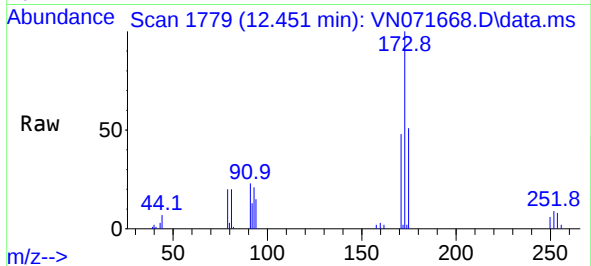




#71
Bromoform
Concen: 4.867 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

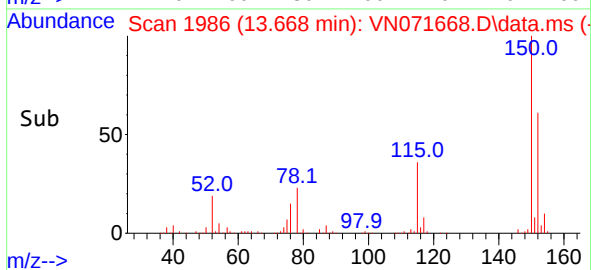
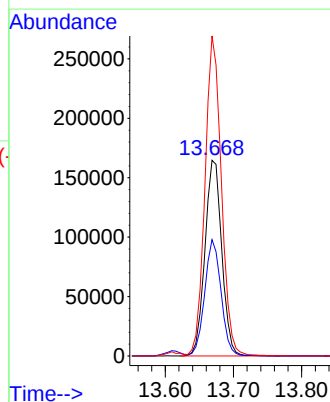
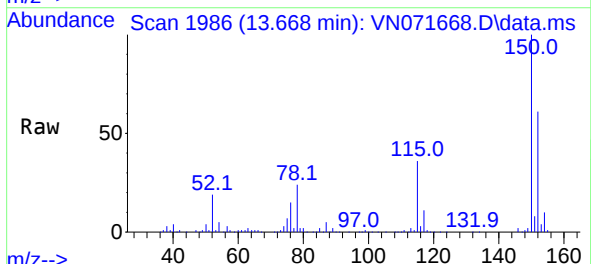
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:173 Resp: 21923
Ion Ratio Lower Upper
173 100
175 51.4 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:152 Resp: 283404
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 159.1 0.0 356.2

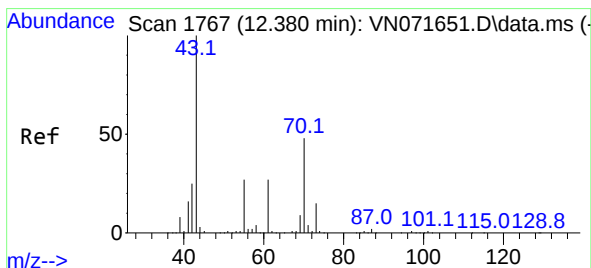
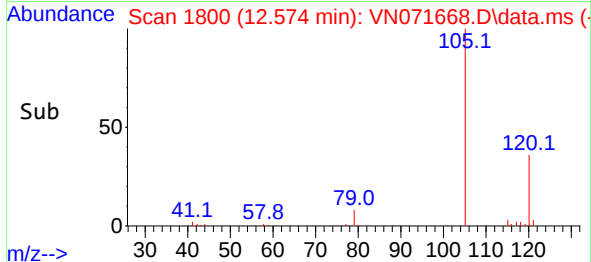
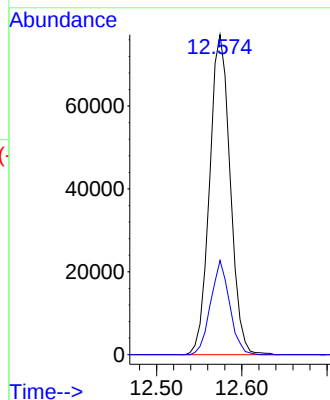
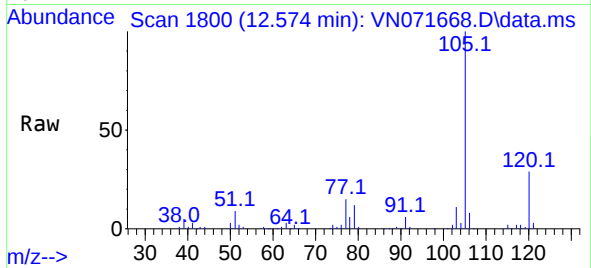




#73
Isopropylbenzene
Concen: 5.428 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

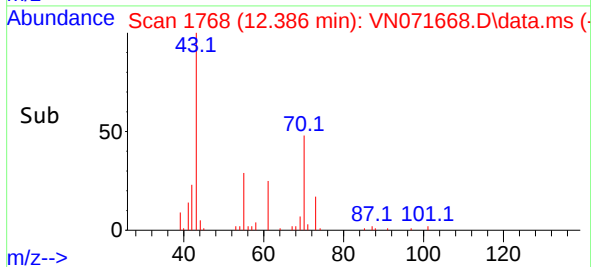
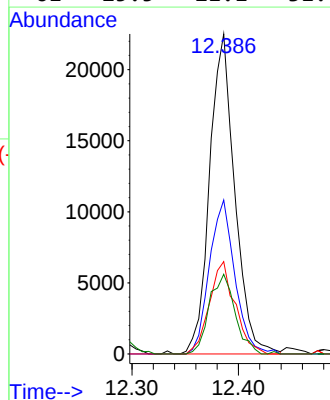
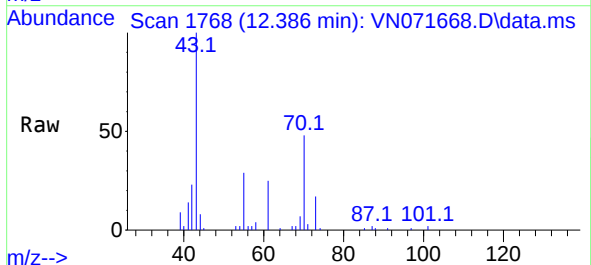
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

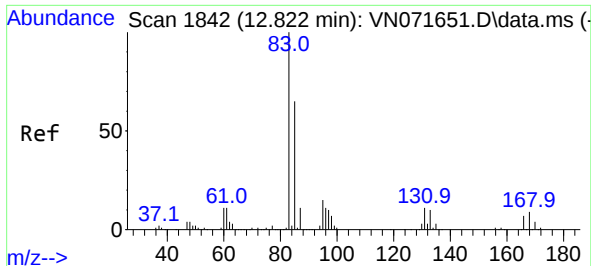
Tgt Ion:105 Resp: 129637
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 5.386 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 43 Resp: 36857
Ion Ratio Lower Upper
43 100
70 48.9 39.0 58.4
55 29.6 21.1 31.7
61 25.5 21.1 31.7

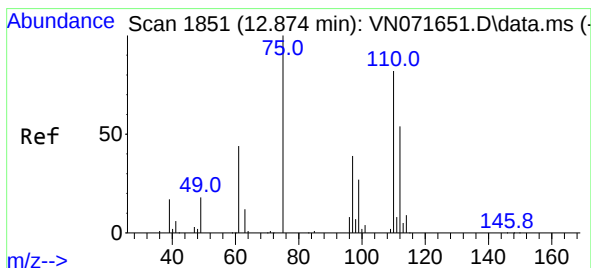
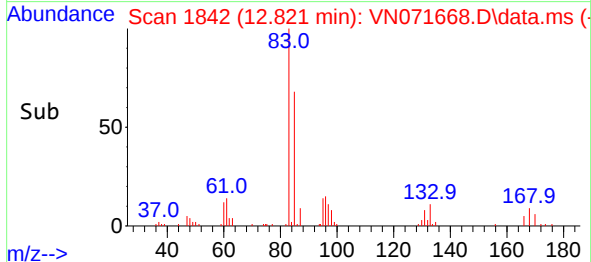
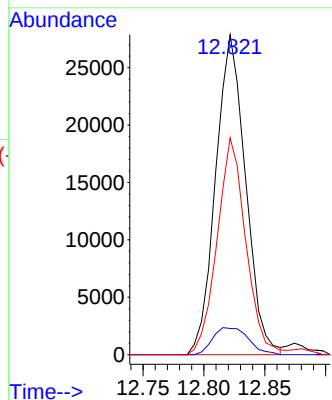
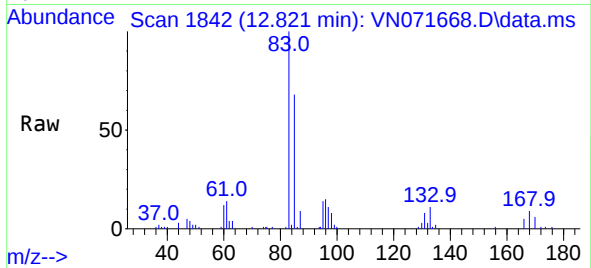




#75
1,1,2,2-Tetrachloroethane
Concen: 5.982 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

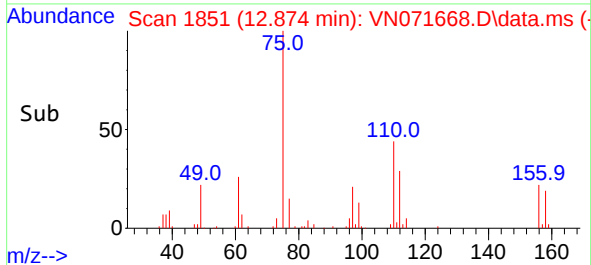
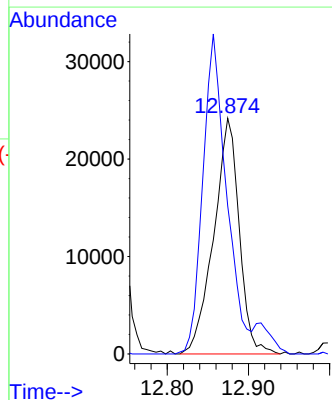
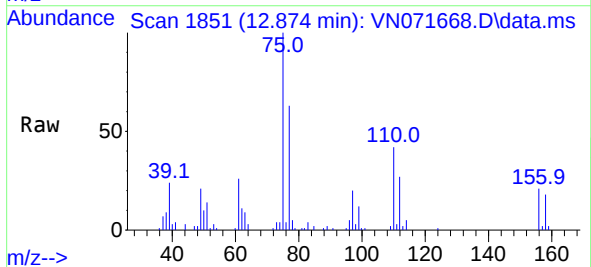
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

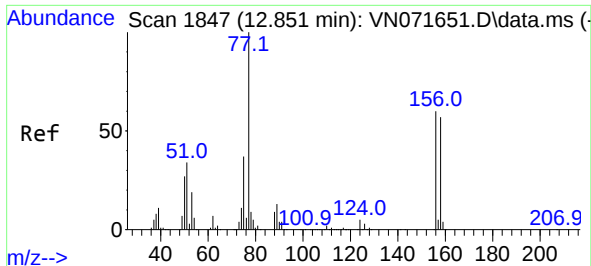
Tgt Ion: 83 Resp: 47668
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 65.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 8.047 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 75 Resp: 52832
Ion Ratio Lower Upper
75 100
77 126.1 98.5 295.5

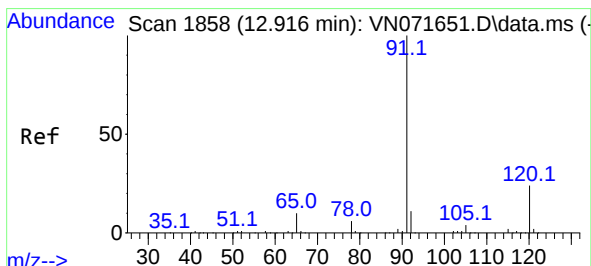
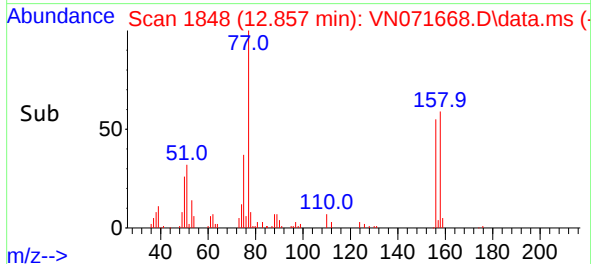
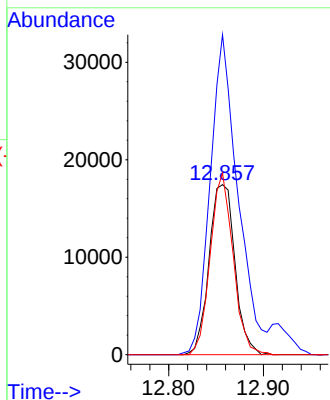
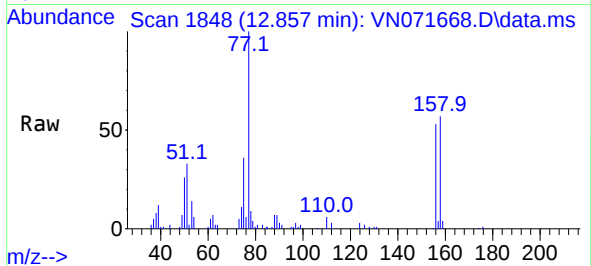




#77
Bromobenzene
Concen: 5.522 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

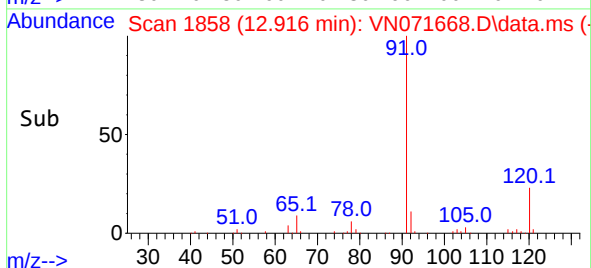
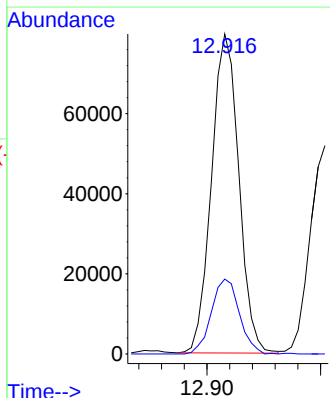
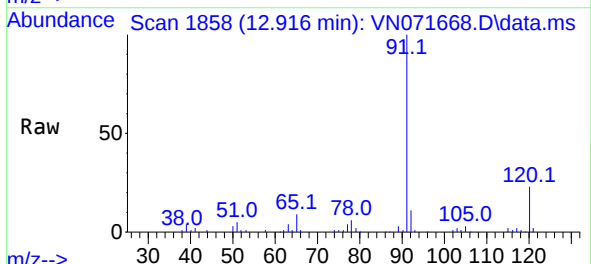
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:156 Resp: 33061
Ion Ratio Lower Upper
156 100
77 201.5 100.5 301.5
158 94.2 48.9 146.6



#78
n-propylbenzene
Concen: 5.292 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 91 Resp: 132951
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5

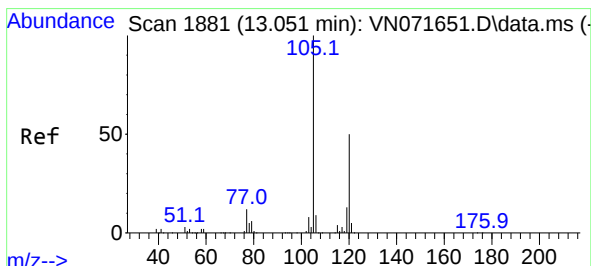
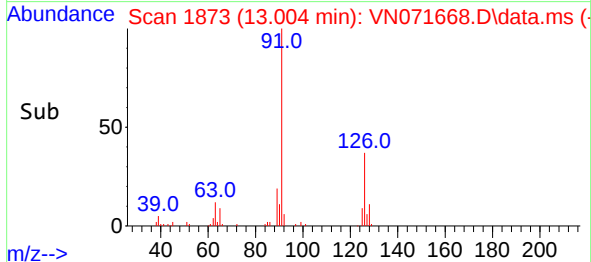
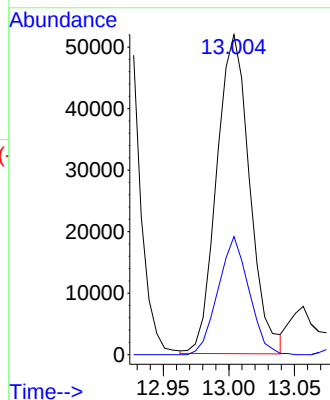
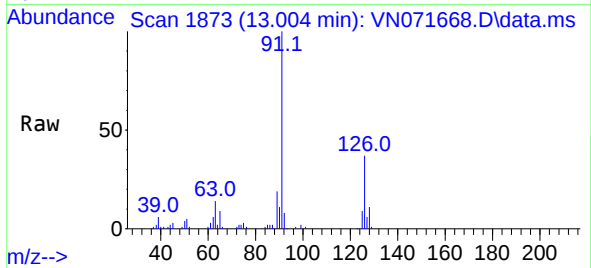




#79
2-Chlorotoluene
Concen: 5.639 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

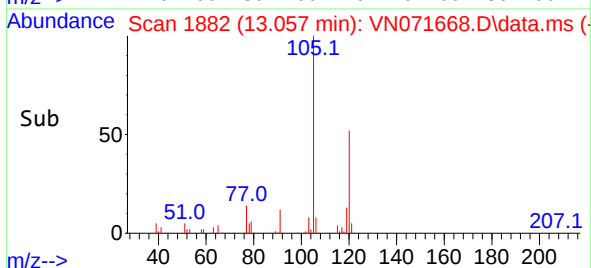
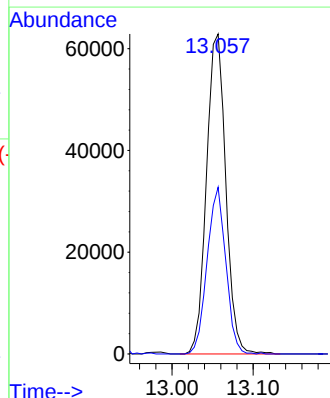
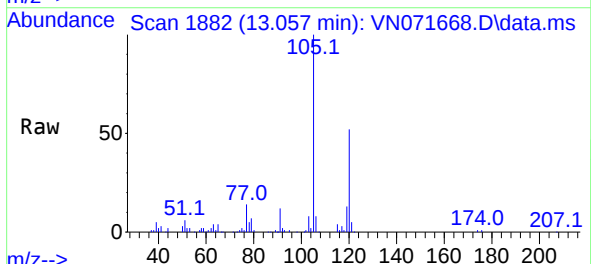
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

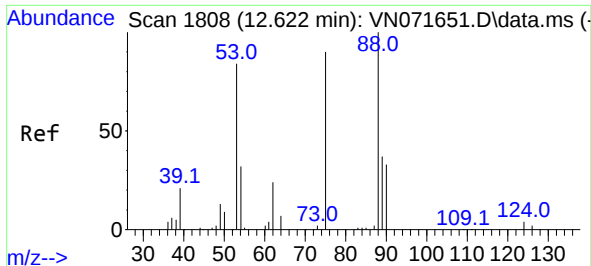
Tgt Ion: 91 Resp: 90855
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 5.484 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:105 Resp: 103768
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

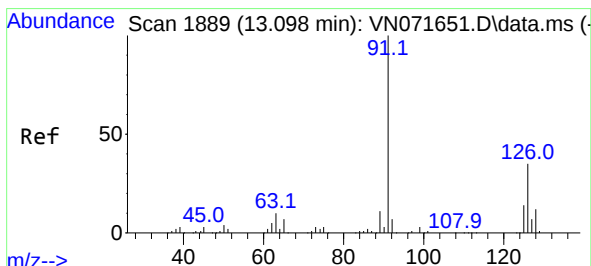
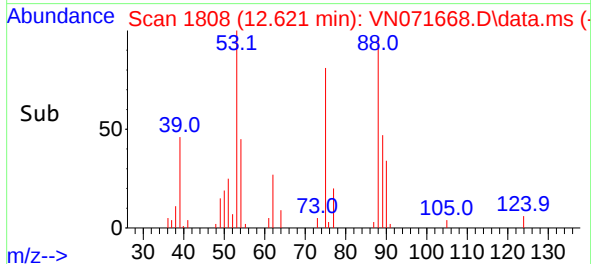
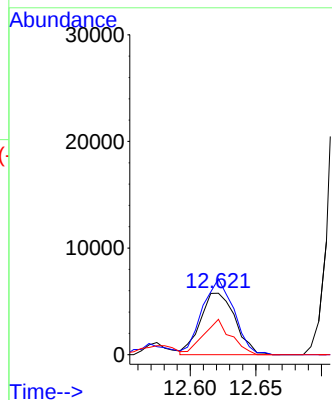
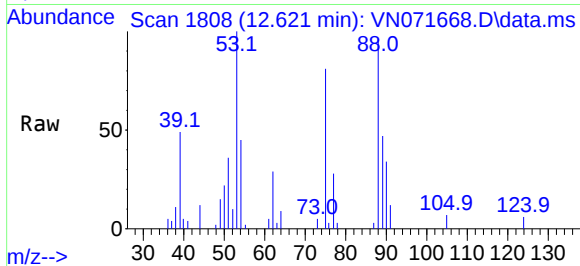




#81
trans-1,4-Dichloro-2-butene
Concen: 5.028 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

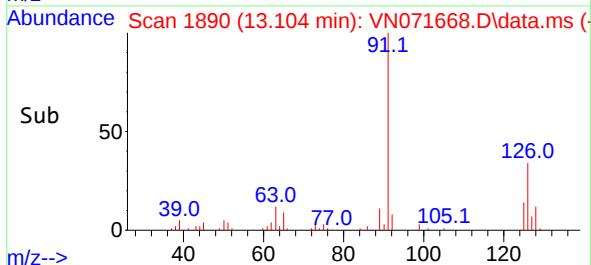
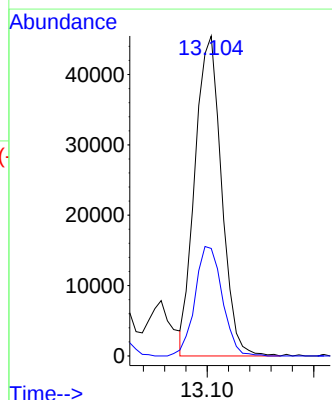
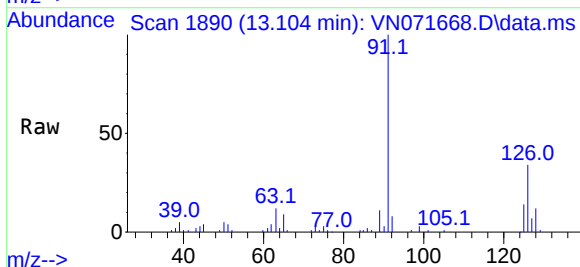
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

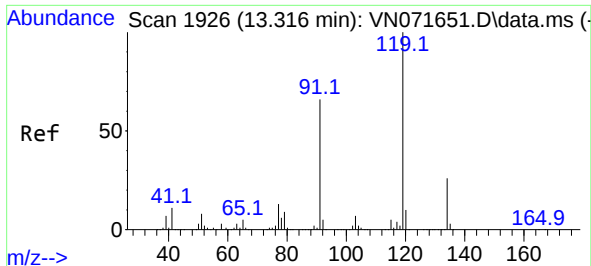
Tgt Ion: 75 Resp: 10651
Ion Ratio Lower Upper
75 100
53 112.1 78.0 117.0
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 5.280 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion: 91 Resp: 78847
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6

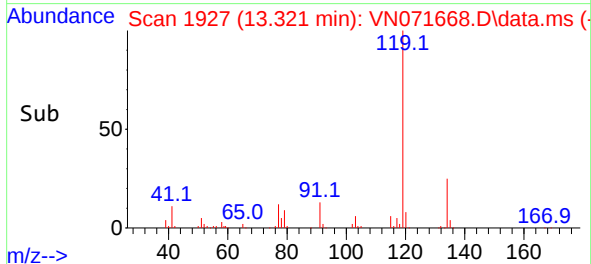
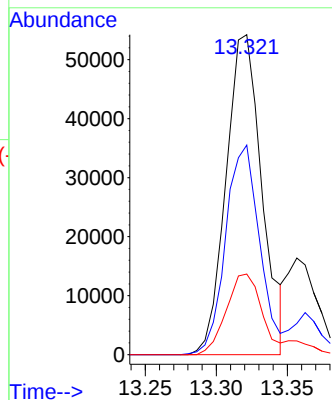
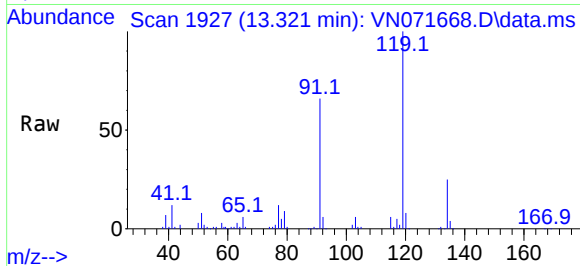




#83
tert-Butylbenzene
Concen: 5.522 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

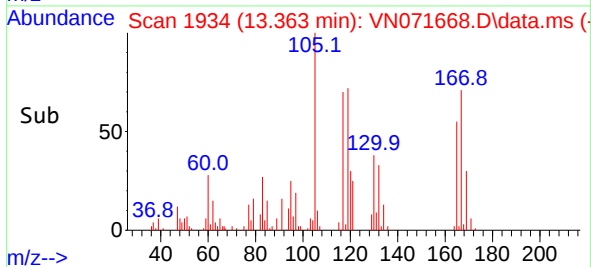
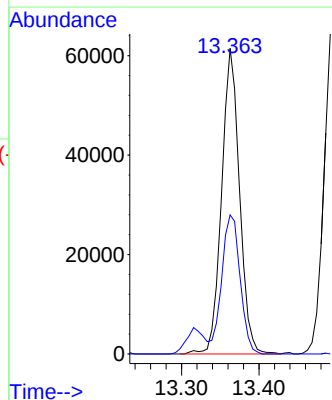
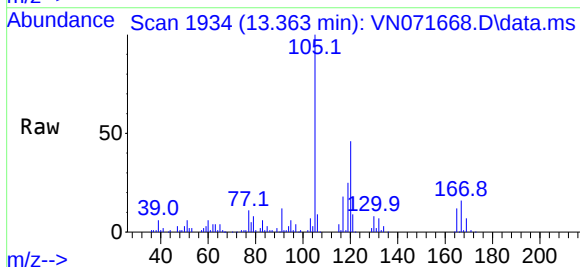
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

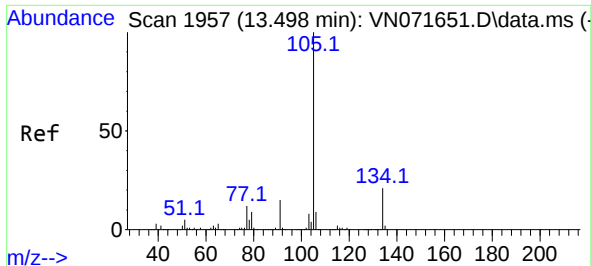
Tgt Ion:119 Resp: 95513
Ion Ratio Lower Upper
119 100
91 61.8 31.6 94.8
134 28.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 5.342 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:105 Resp: 98619
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8

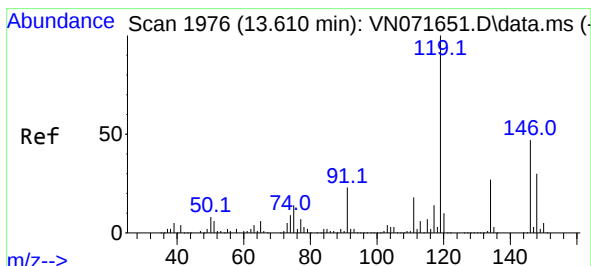
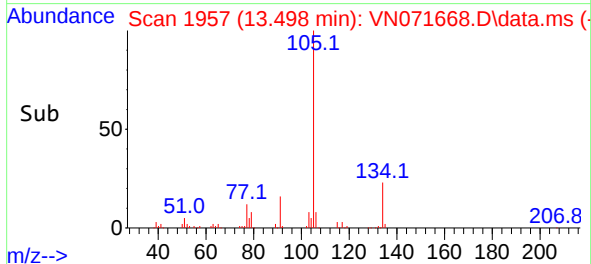
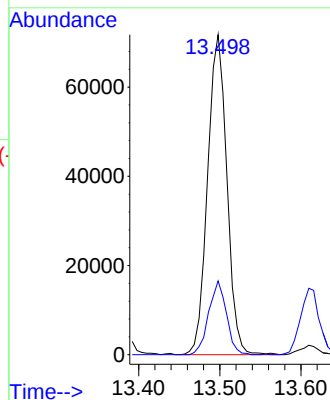
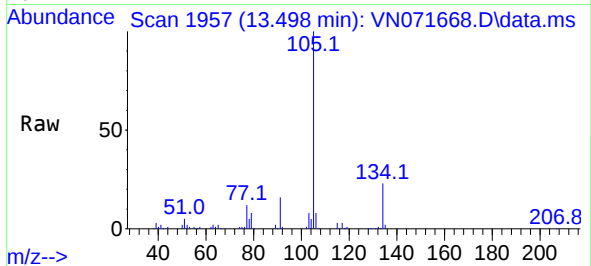




#85
 sec-Butylbenzene
 Concen: 5.276 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

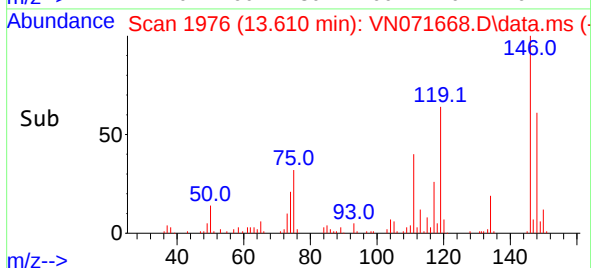
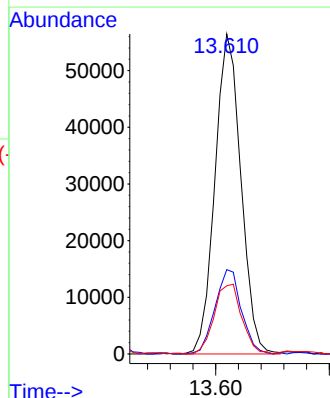
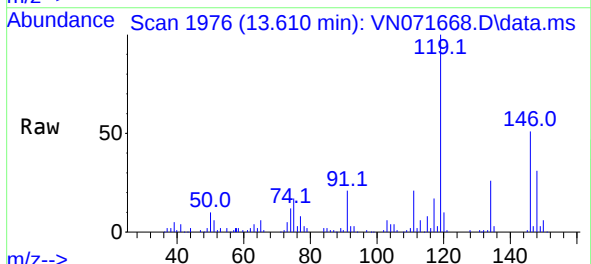
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT1-2022

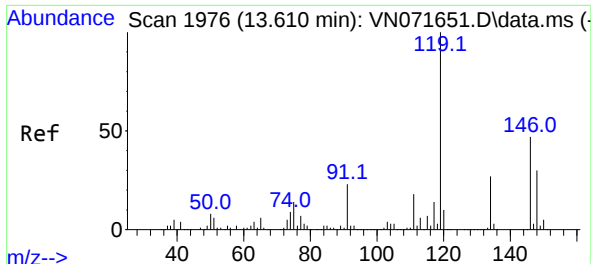
Tgt Ion:105 Resp: 118298
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.015 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

Tgt Ion:119 Resp: 89650
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.1 11.3 33.9

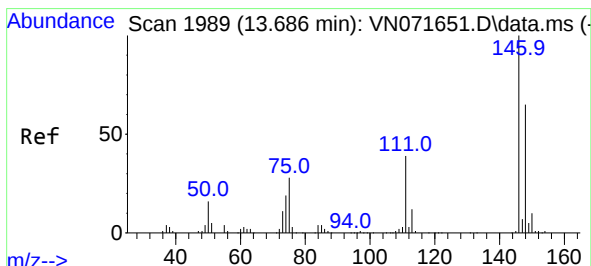
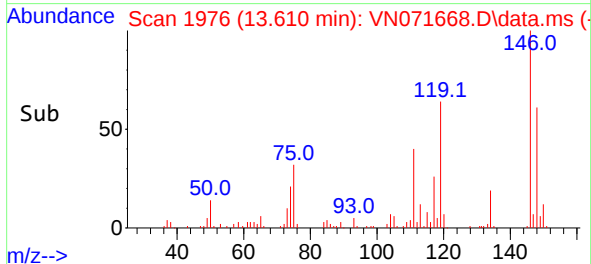
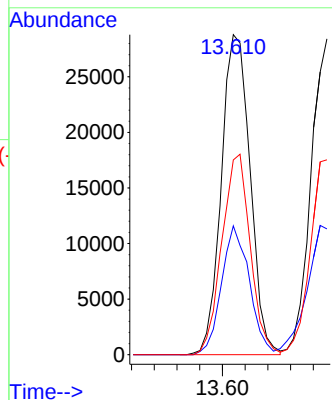
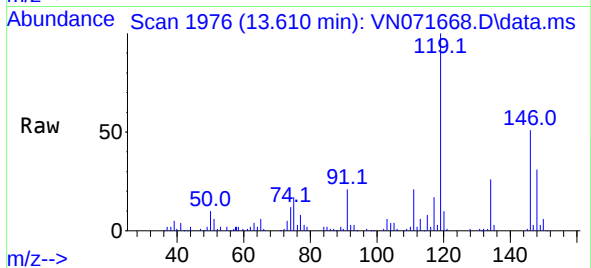




#87
1,3-Dichlorobenzene
Concen: 5.319 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

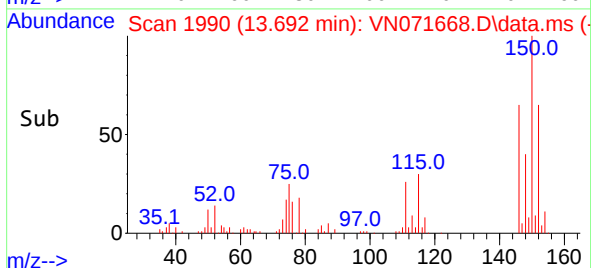
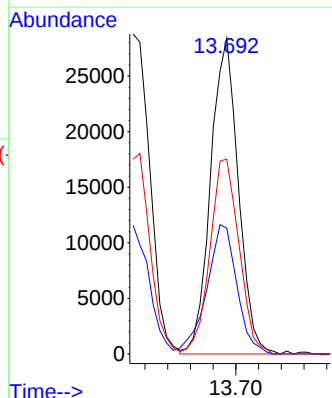
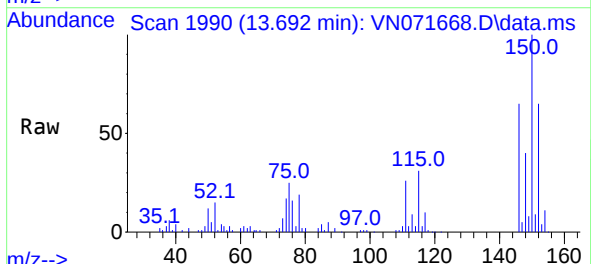
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

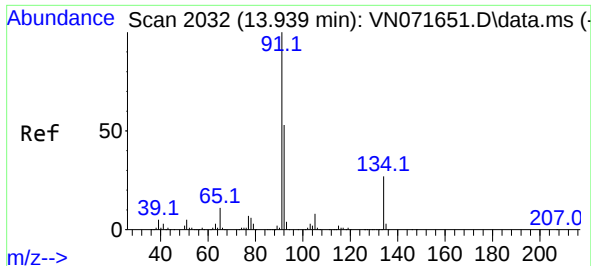
Tgt Ion:146 Resp: 50732
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 61.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 5.174 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:146 Resp: 48140
Ion Ratio Lower Upper
146 100
111 44.7 19.1 57.1
148 64.8 31.4 94.3

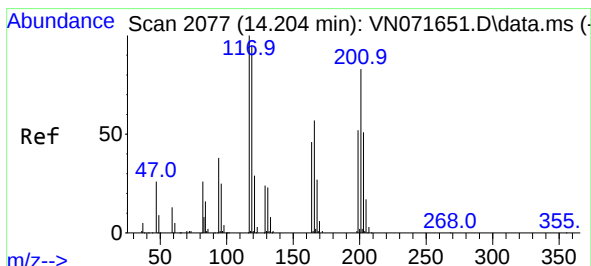
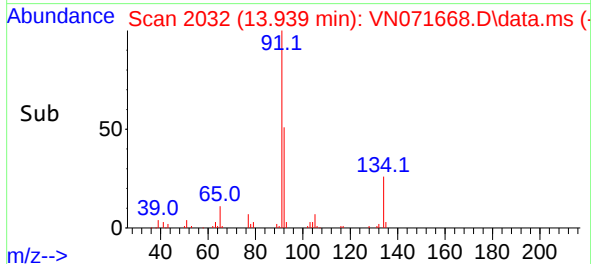
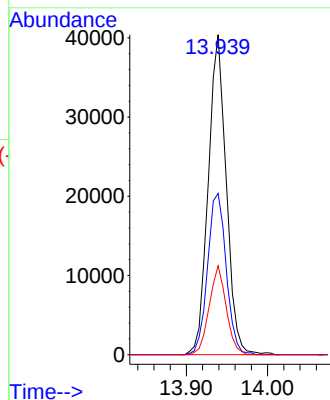
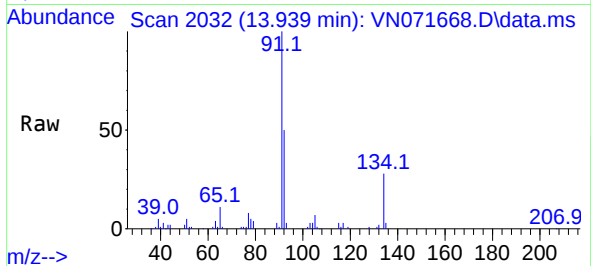




#89
n-Butylbenzene
Concen: 4.698 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

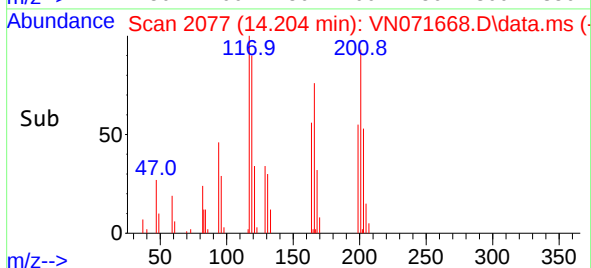
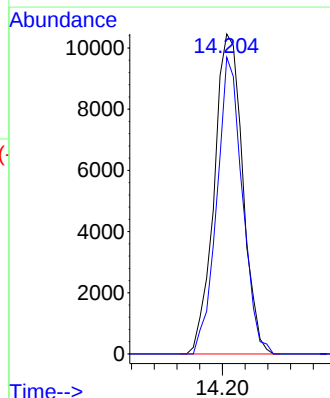
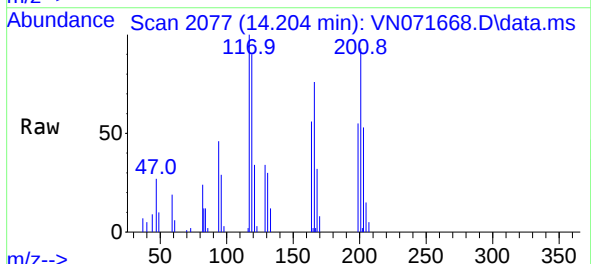
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

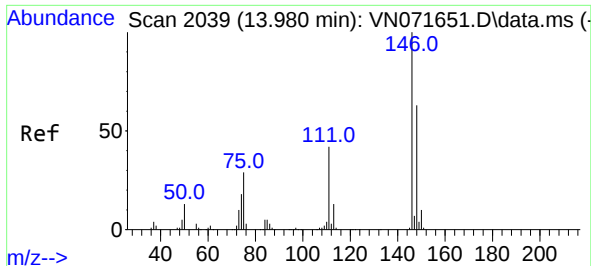
Tgt Ion:	91	Resp:	62289
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.7
134	26.2	13.6	40.8



#90
Hexachloroethane
Concen: 5.567 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:	117	Resp:	18219
Ion	Ratio	Lower	Upper
117	100		
201	83.1	40.6	122.0

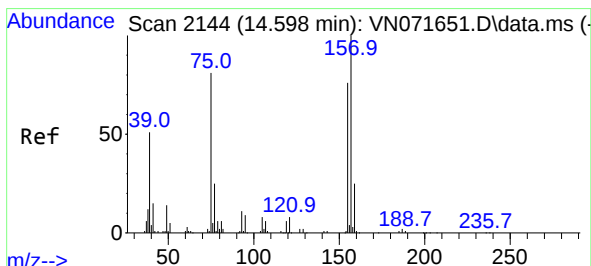
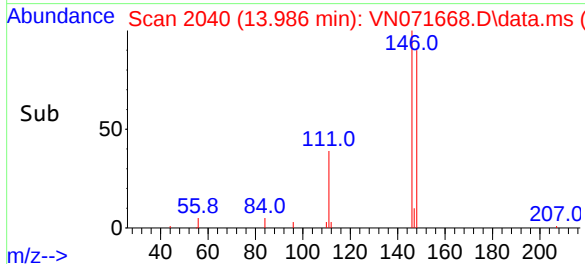
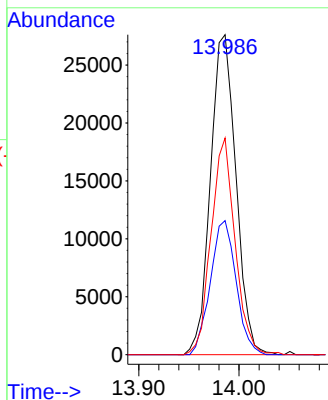
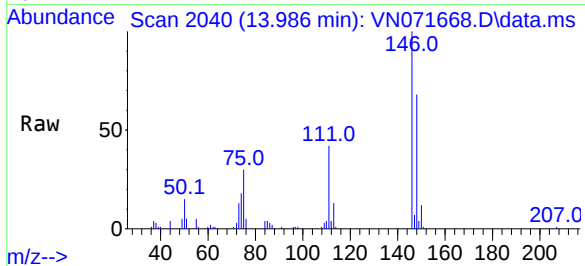




#91
1,2-Dichlorobenzene
Concen: 5.221 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

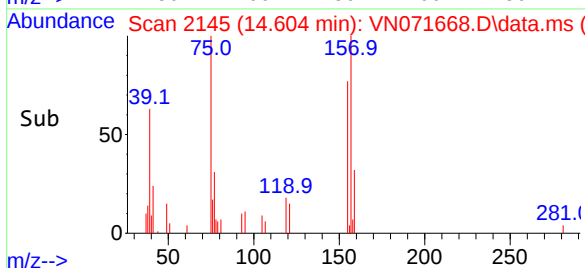
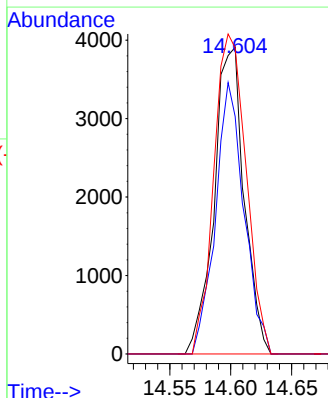
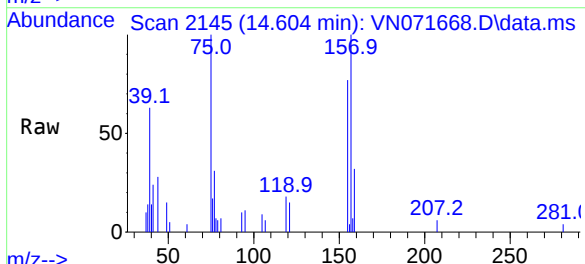
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

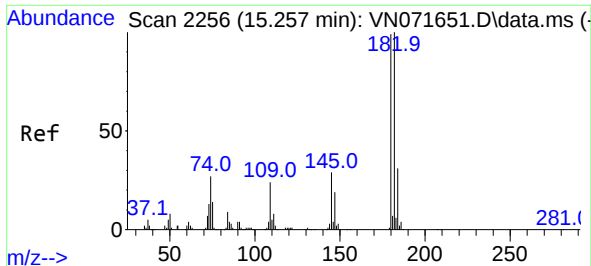
Tgt Ion:	146	Resp:	48889
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	63.8	32.1	96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.438 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:	75	Resp:	6721
Ion	Ratio	Lower	Upper
75	100		
155	83.8	44.9	134.5
157	111.9	59.0	176.8

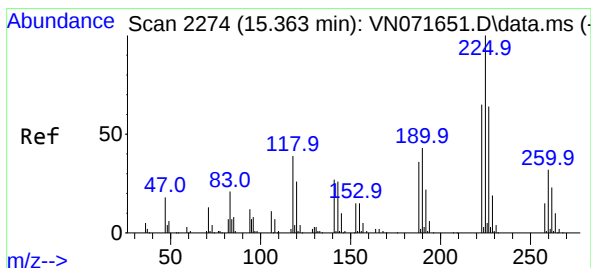
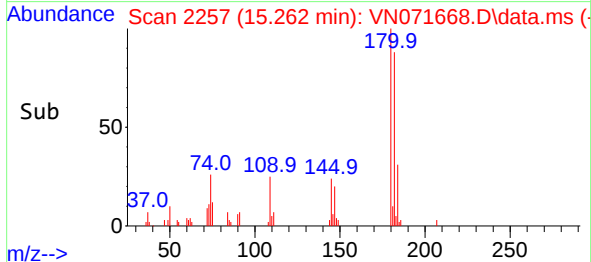
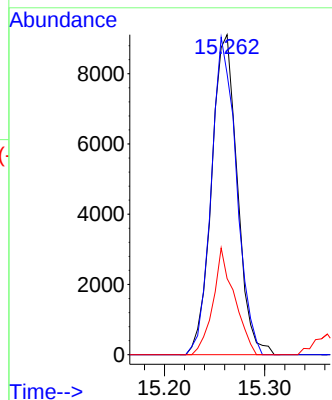
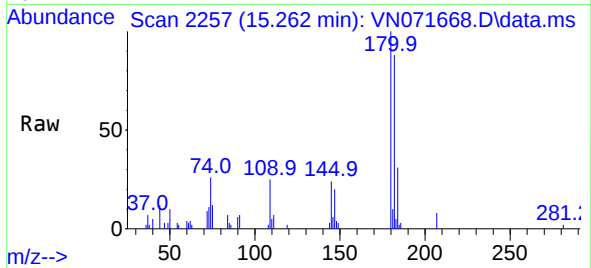




#93
 1,2,4-Trichlorobenzene
 Concen: 5.534 ug/l
 RT: 15.262 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

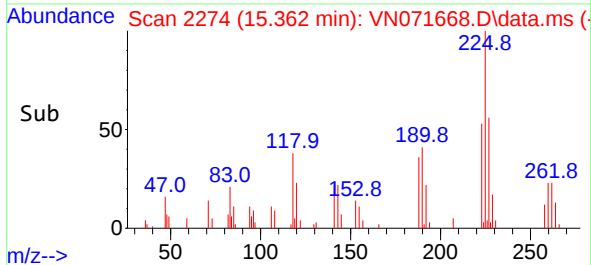
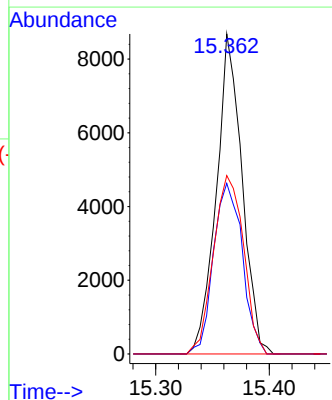
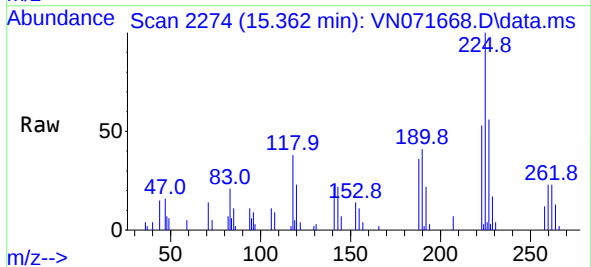
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

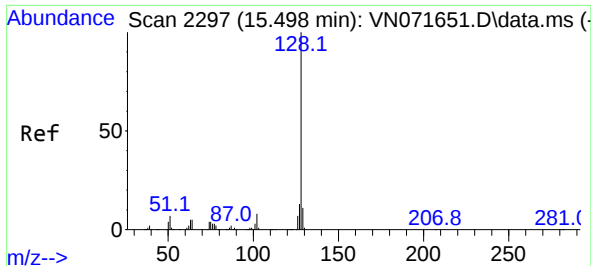
Tgt Ion:	180	Resp:	16231
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.5	142.5
145	27.8	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 4.947 ug/l
 RT: 15.362 min Scan# 2274
 Delta R.T. -0.001 min
 Lab File: VN071668.D
 Acq: 30 Mar 2022 18:56

Tgt Ion:	225	Resp:	13662
Ion Ratio	Lower	Upper	
225	100		
223	59.7	32.4	97.2
227	65.2	31.8	95.4

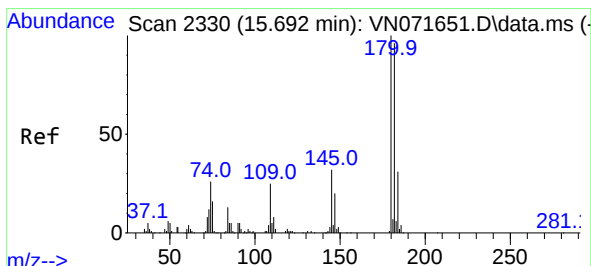
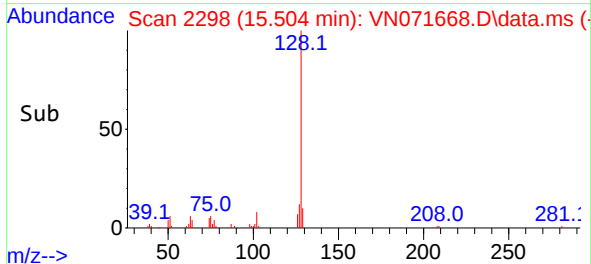
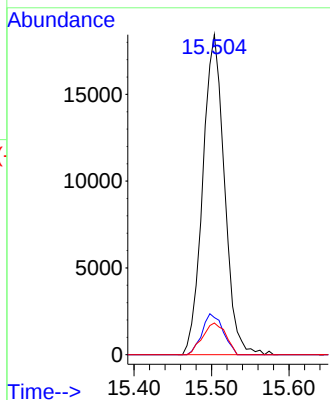
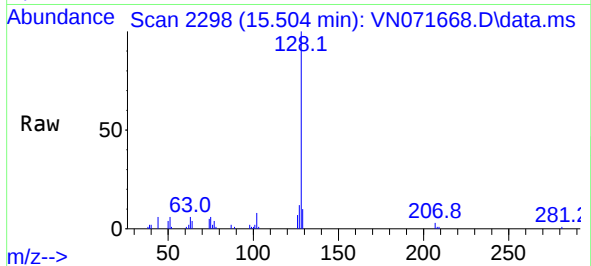




#95
Naphthalene
Concen: 6.370 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:	128	Resp:	35863
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.975 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071668.D
Acq: 30 Mar 2022 18:56

Tgt Ion:	180	Resp:	16348
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	30.9	15.5	46.5

