

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077697.D
 Acq On : 16 May 2023 17:02
 Operator : JC\MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 17 04:05:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	350896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	289271	55.096	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	8.171	113	224818	51.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.577	98	849181	51.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.853	95	268799	45.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	4110	1.029	ug/l	74
3) Chloromethane	2.365	50	5780	Below Cal	#	82
4) Vinyl Chloride	2.518	62	5919	1.176	ug/l #	85
6) Chloroethane	3.136	64	5753	1.586	ug/l #	85
7) Trichlorofluoromethane	3.506	101	7930	1.130	ug/l	95
8) Diethyl Ether	3.971	74	3095	1.208	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	2001	0.515	ug/l #	65
10) Methyl Iodide	4.606	142	5260	1.136	ug/l #	93
11) Tert butyl alcohol	5.512	59	2570	3.547	ug/l #	78
12) 1,1-Dichloroethene	4.353	96	4033	1.093	ug/l #	45
13) Acrolein	4.195	56	2779	Below Cal	#	67
14) Allyl chloride	5.036	41	6279	1.158	ug/l #	67
15) Acrylonitrile	5.724	53	10898	5.630	ug/l #	88
16) Acetone	4.448	43	10496	6.354	ug/l	95
17) Carbon Disulfide	4.724	76	9798	0.985	ug/l #	94
18) Methyl Acetate	5.048	43	7736	1.116	ug/l #	73
19) Methyl tert-butyl Ether	5.812	73	12791	0.958	ug/l #	81
20) Methylene Chloride	5.277	84	7239	Below Cal	#	84
21) trans-1,2-Dichloroethene	5.789	96	4500	1.085	ug/l #	75
22) Diisopropyl ether	6.683	45	12655	0.996	ug/l #	81
23) Vinyl Acetate	6.612	43	43974	5.585	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	8358	1.074	ug/l #	81
25) 2-Butanone	7.500	43	14742	5.705	ug/l	93
26) 2,2-Dichloropropane	7.494	77	6796	1.027	ug/l	89
27) cis-1,2-Dichloroethene	7.494	96	5146	1.035	ug/l	85
28) Bromochloromethane	7.818	49	2903	0.862	ug/l	90
29) Tetrahydrofuran	7.853	42	9067	5.359	ug/l #	66
30) Chloroform	7.971	83	8486	0.991	ug/l #	74
31) Cyclohexane	8.236	56	9336	1.308	ug/l #	22
32) 1,1,1-Trichloroethane	8.183	97	7704	1.058	ug/l #	41
36) 1,1-Dichloropropene	8.371	75	6443	1.018	ug/l	95
37) Ethyl Acetate	7.571	43	6386	1.132	ug/l #	94
38) Carbon Tetrachloride	8.371	117	5976	0.935	ug/l	96
39) Methylcyclohexane	9.606	83	7013	0.905	ug/l #	69
40) Benzene	8.612	78	19275	1.032	ug/l #	87
41) Methacrylonitrile	7.794	41	2480	0.826	ug/l #	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.671	62	7858	1.159	ug/l	95
43) Isopropyl Acetate	8.700	43	9585	1.041	ug/l	99
44) Trichloroethene	9.359	130	4780	1.011	ug/l	95
45) 1,2-Dichloropropane	9.630	63	4572	0.960	ug/l #	89
46) Dibromomethane	9.718	93	3611	1.060	ug/l	94
47) Bromodichloromethane	9.900	83	6993	1.072	ug/l #	82
48) Methyl methacrylate	9.683	41	4454	1.020	ug/l	86
49) 1,4-Dioxane	9.700	88	1501	18.197	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	28226	5.155	ug/l	87
52) Toluene	10.641	92	12642	1.088	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	6141	0.889	ug/l	95
54) cis-1,3-Dichloropropene	10.324	75	6927	0.910	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	4852	1.051	ug/l #	85
56) Ethyl methacrylate	10.882	69	5442	0.780	ug/l #	79
57) 1,3-Dichloropropane	11.171	76	7715	0.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	15789	4.599	ug/l	94
59) 2-Hexanone	11.206	43	21626	5.340	ug/l	84
60) Dibromochloromethane	11.365	129	3889	0.816	ug/l	92
61) 1,2-Dibromoethane	11.477	107	4247	0.922	ug/l	93
64) Tetrachloroethene	11.112	164	4185	1.076	ug/l	92
65) Chlorobenzene	11.900	112	12557	1.041	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.971	131	4308	1.032	ug/l #	63
67) Ethyl Benzene	11.971	91	19954	0.923	ug/l	99
68) m/p-Xylenes	12.077	106	14820	1.810	ug/l	97
69) o-Xylene	12.412	106	7434	0.923	ug/l	98
70) Styrene	12.418	104	11406	0.892	ug/l	94
71) Bromoform	12.582	173	2283	0.822	ug/l #	75
73) Isopropylbenzene	12.700	105	18965	0.996	ug/l	98
74) N-amyl acetate	12.500	43	6848	0.973	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.947	83	6556	1.119	ug/l	93
76) 1,2,3-Trichloropropane	13.006	75	8283	1.497	ug/l	68
77) Bromobenzene	12.988	156	4937	1.136	ug/l	94
78) n-propylbenzene	13.041	91	22746	1.013	ug/l	94
79) 2-Chlorotoluene	13.129	91	14160	1.057	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	15071	0.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	147469	85.187	ug/l #	15
82) 4-Chlorotoluene	13.229	91	13321	0.999	ug/l	100
83) tert-Butylbenzene	13.441	119	14115	1.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	15121	0.960	ug/l	97
85) sec-Butylbenzene	13.623	105	18324	0.923	ug/l	97
86) p-Isopropyltoluene	13.741	119	14494	0.915	ug/l	96
87) 1,3-Dichlorobenzene	13.747	146	8385	1.043	ug/l	93
88) 1,4-Dichlorobenzene	13.747	146	8385	1.051	ug/l	92
89) n-Butylbenzene	14.059	91	11845	0.813	ug/l	93
90) Hexachloroethane	14.341	117	2544	0.978	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	8067	1.074	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1341	1.182	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	3910	0.891	ug/l	91
94) Hexachlorobutadiene	15.506	225	1554	0.853	ug/l	65
95) Naphthalene	15.653	128	13386	0.886	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.853	180	3875	0.902	ug/l	98

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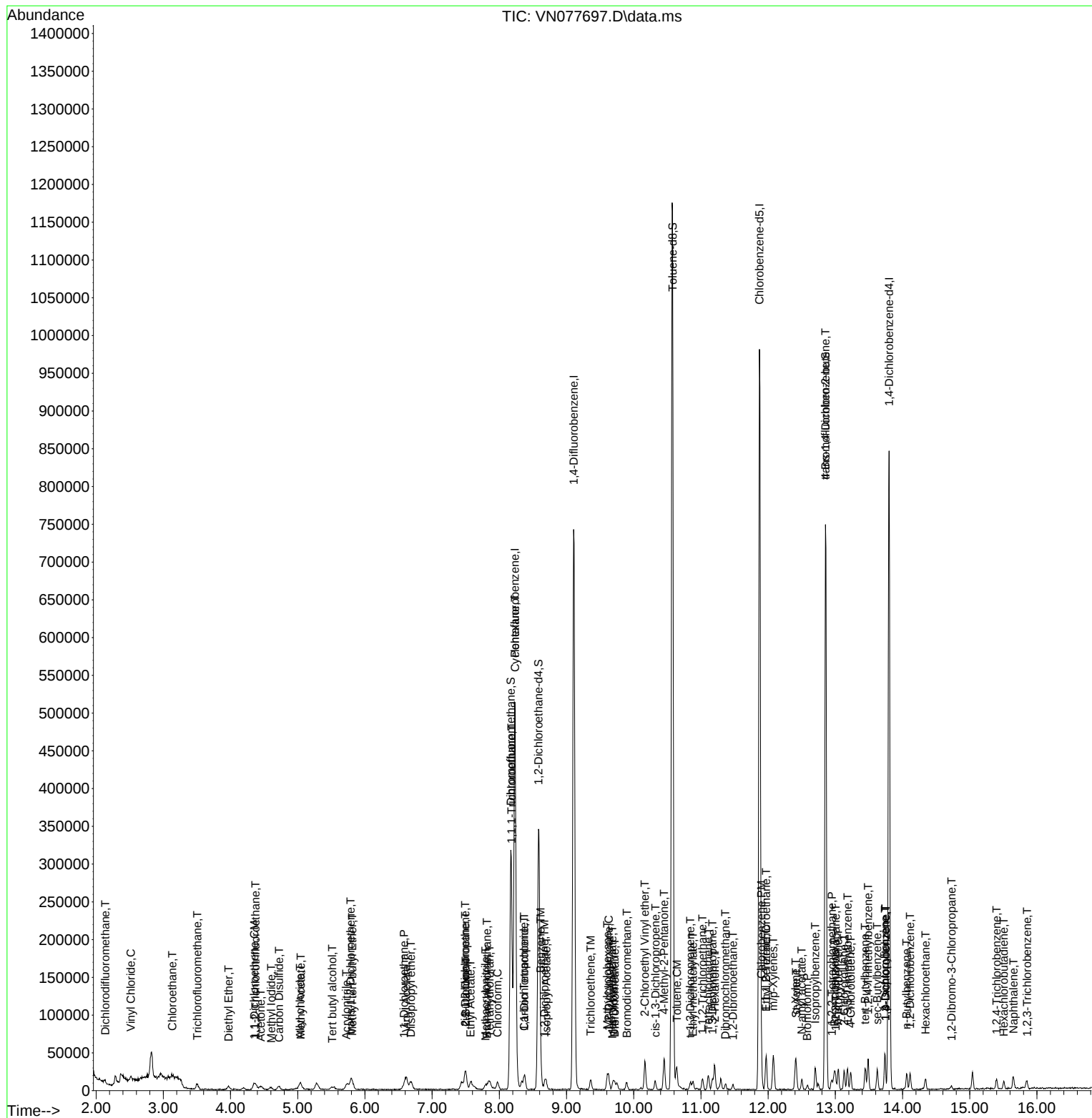
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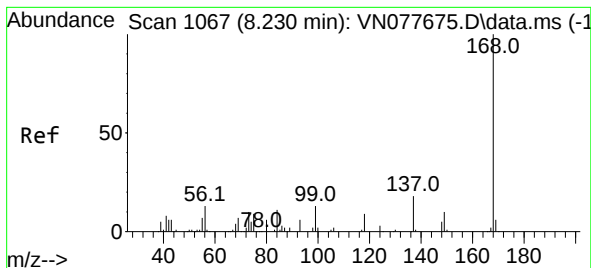
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Instrument :
MSVOA_N
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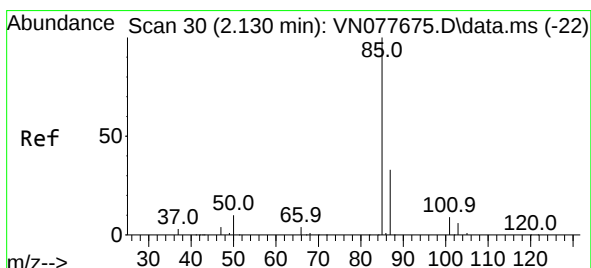
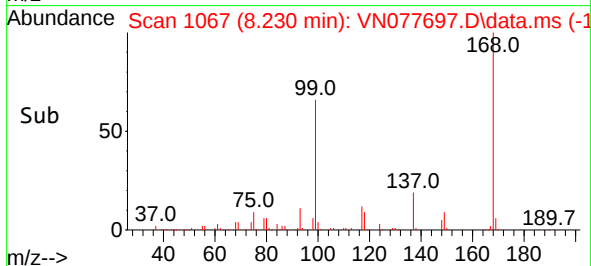
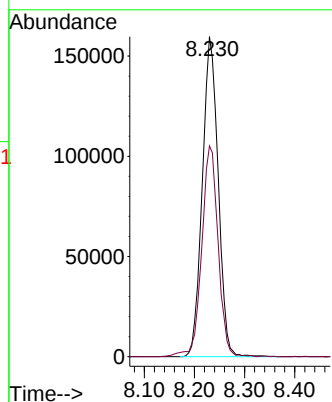
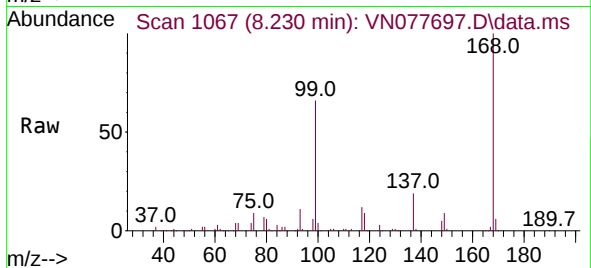




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077697.D
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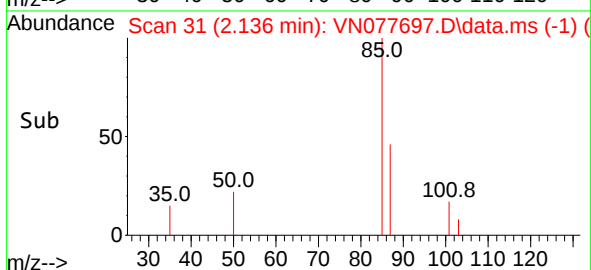
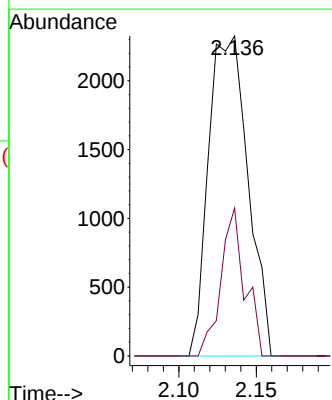
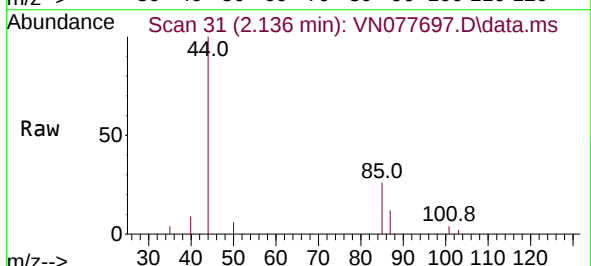
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MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

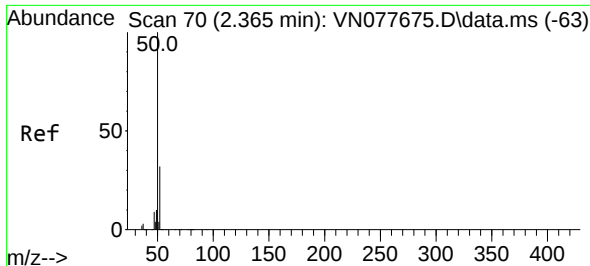
Tgt Ion:168 Resp: 350896
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 1.029 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 85 Resp: 4110
Ion Ratio Lower Upper
85 100
87 46.2 15.8 47.4

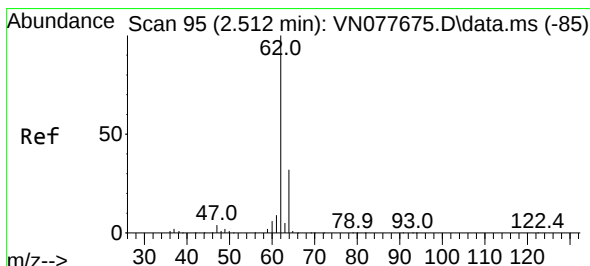
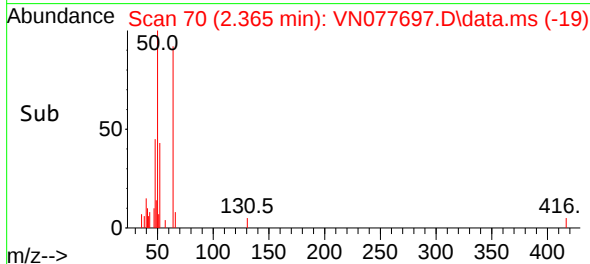
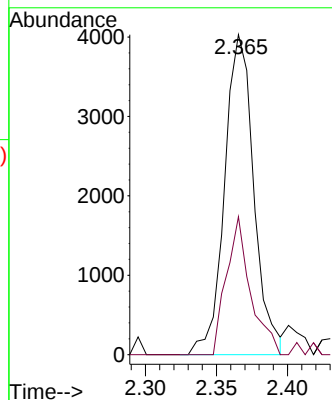
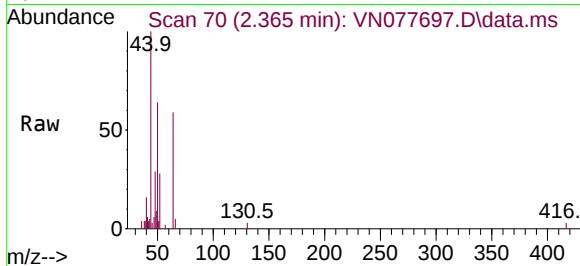




#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

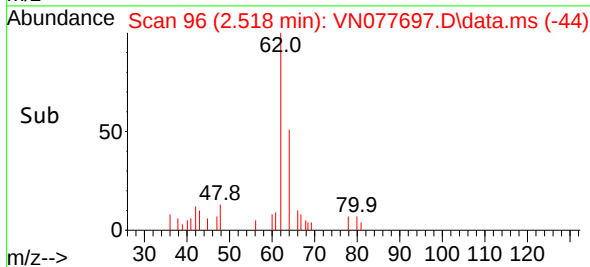
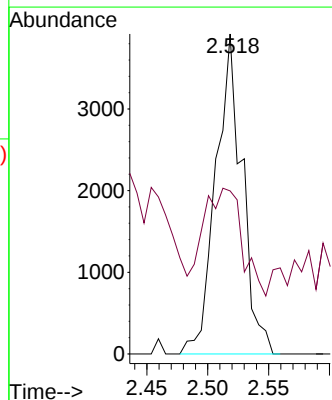
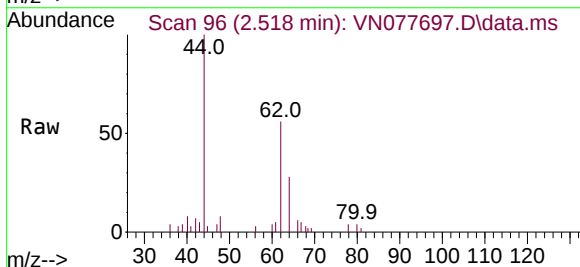
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

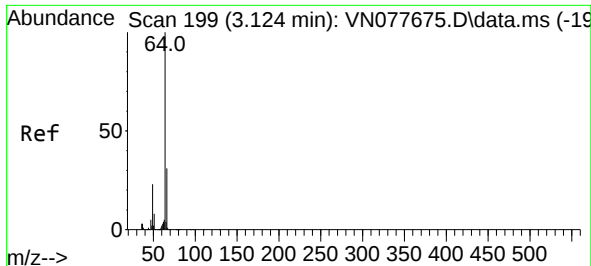
Tgt Ion: 50 Resp: 5780
Ion Ratio Lower Upper
50 100
52 43.1 26.5 39.7#



#4
Vinyl Chloride
Concen: 1.176 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 62 Resp: 5919
Ion Ratio Lower Upper
62 100
64 24.0 26.2 39.2#





#6

Chloroethane

Concen: 1.586 ug/l

RT: 3.136 min Scan# 201

Delta R.T. 0.012 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

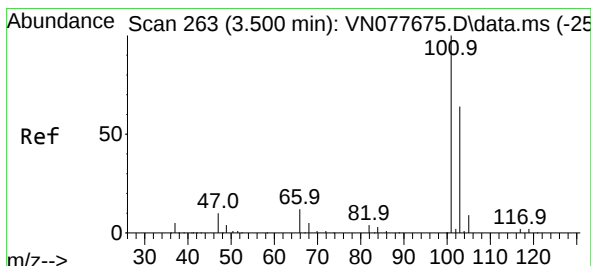
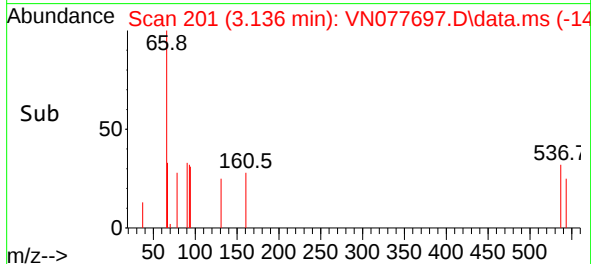
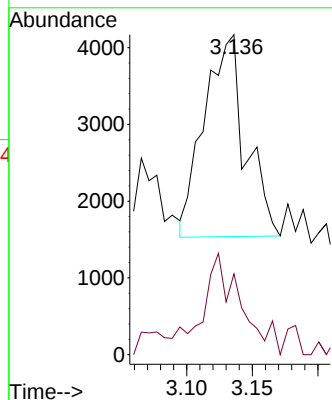
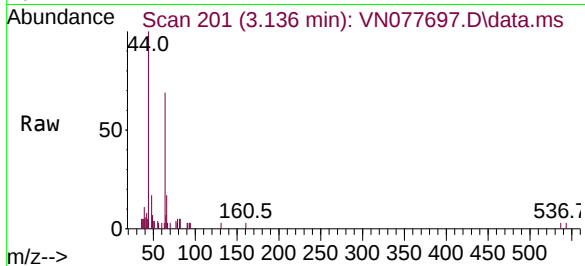
LOQ-WATER-02-QT2-2023

Tgt Ion: 64 Resp: 5753

Ion Ratio Lower Upper

64 100

66 40.1 25.4 38.2#



#7

Trichlorofluoromethane

Concen: 1.130 ug/l

RT: 3.506 min Scan# 264

Delta R.T. 0.006 min

Lab File: VN077697.D

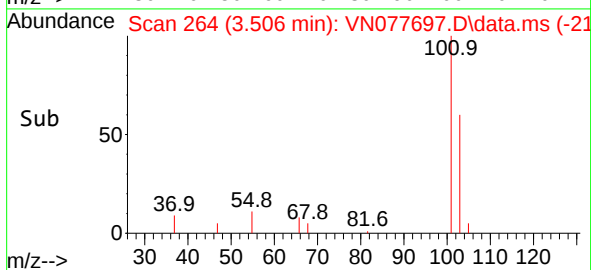
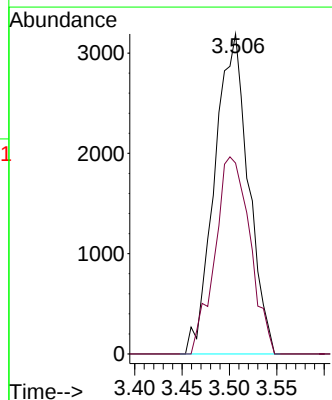
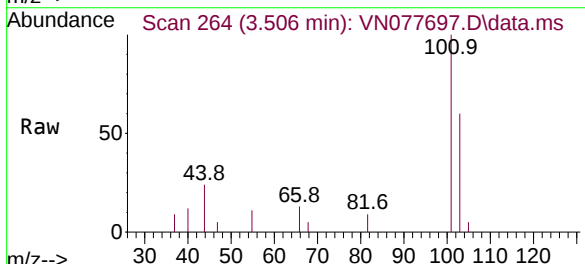
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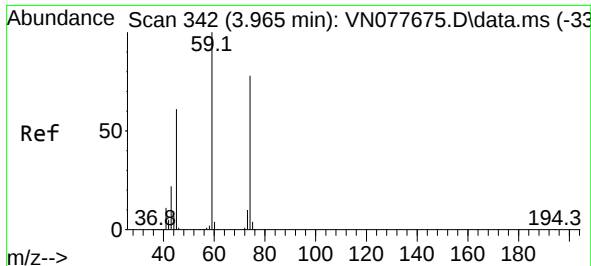
Tgt Ion:101 Resp: 7930

Ion Ratio Lower Upper

101 100

103 59.7 50.7 76.1

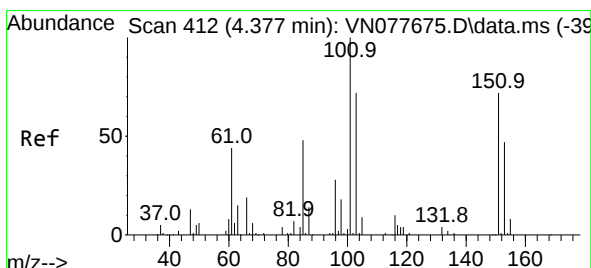
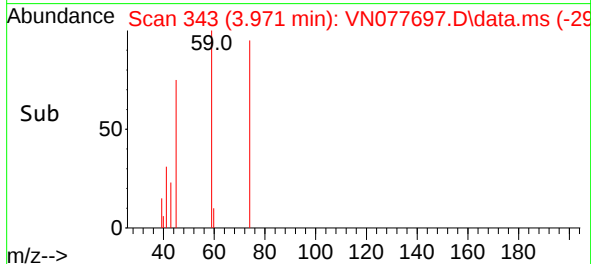
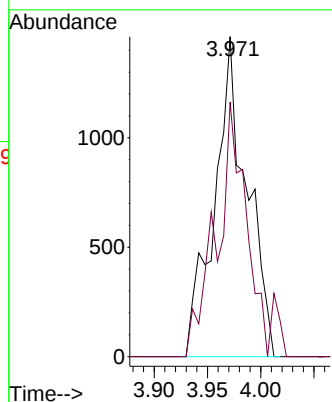
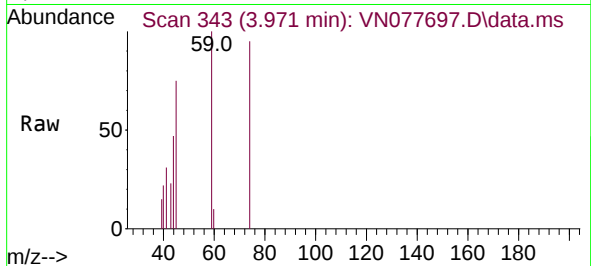




#8
Diethyl Ether
Concen: 1.208 ug/l
RT: 3.971 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

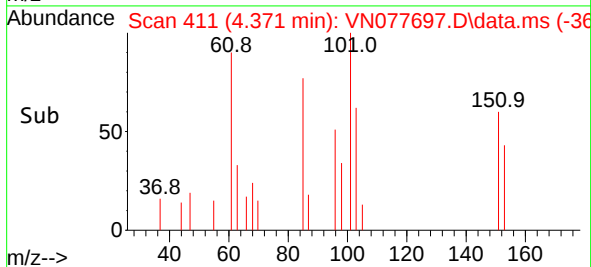
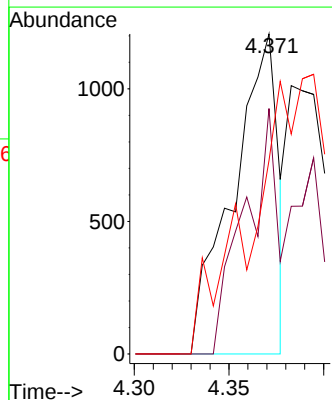
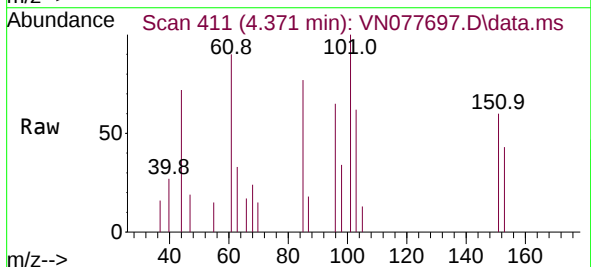
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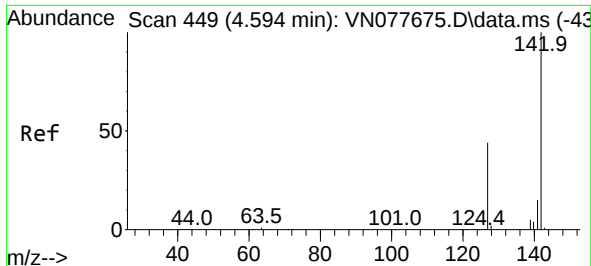
Tgt Ion: 74 Resp: 3095
Ion Ratio Lower Upper
74 100
45 72.6 34.4 103.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.515 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 101 Resp: 2001
Ion Ratio Lower Upper
101 100
85 54.7 36.6 55.0
151 31.7 57.6 86.4#

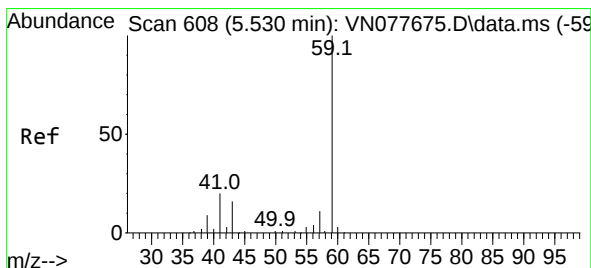
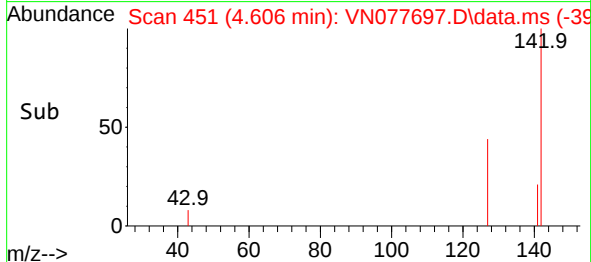
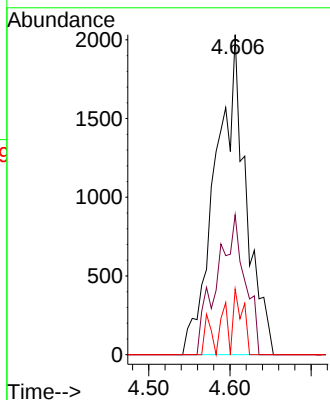
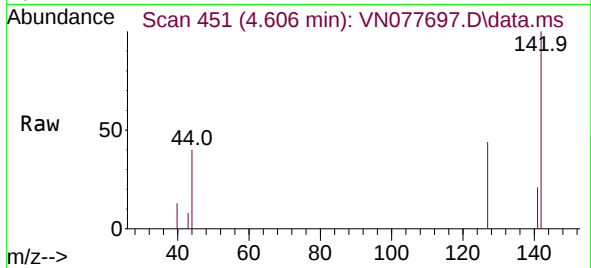




#10
Methyl Iodide
Concen: 1.136 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

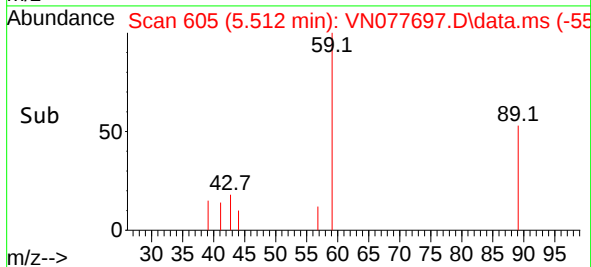
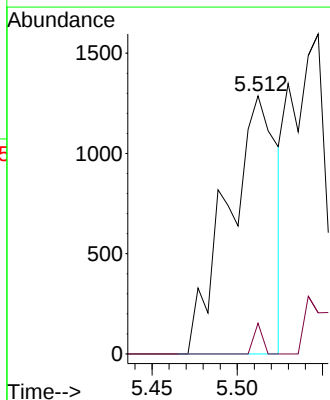
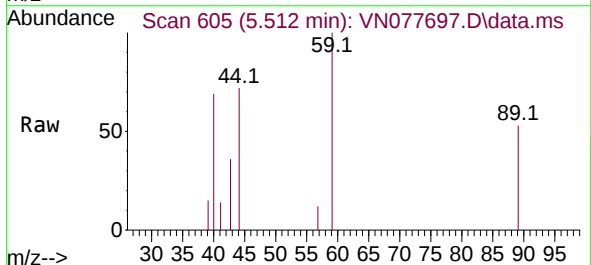
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

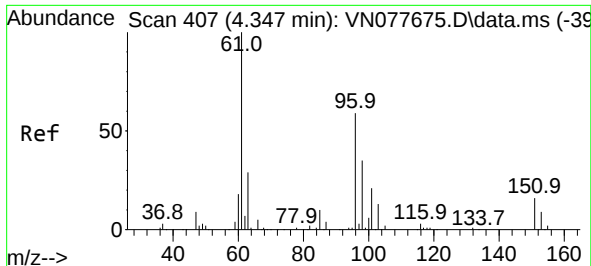
Tgt Ion:142 Resp: 5260
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 20.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.547 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 59 Resp: 2570
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 1.093 ug/l

RT: 4.353 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

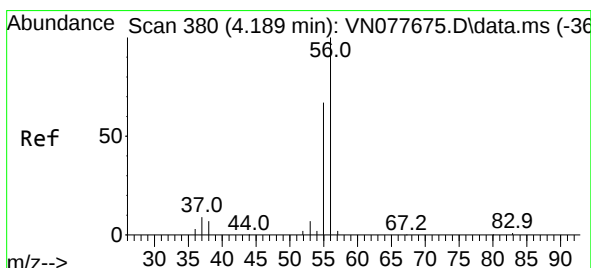
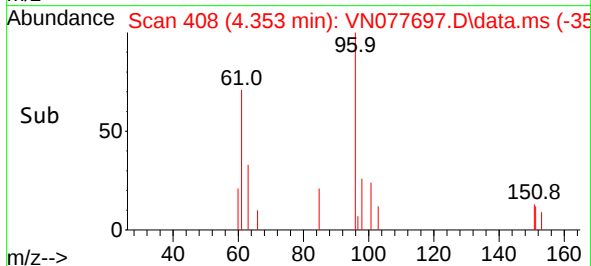
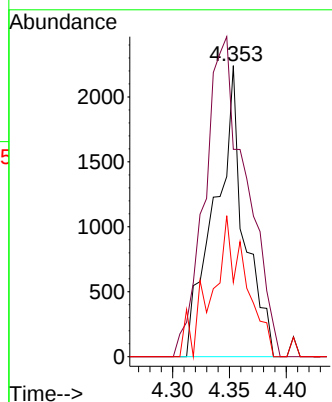
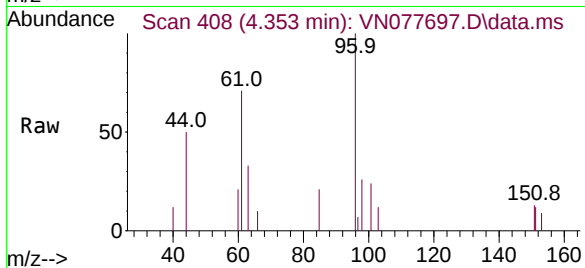
Tgt Ion: 96 Resp: 4033

Ion Ratio Lower Upper

96 100

61 71.3 112.7 169.1#

98 25.6 51.2 76.8#



#13

Acrolein

Concen: Below Cal

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN077697.D

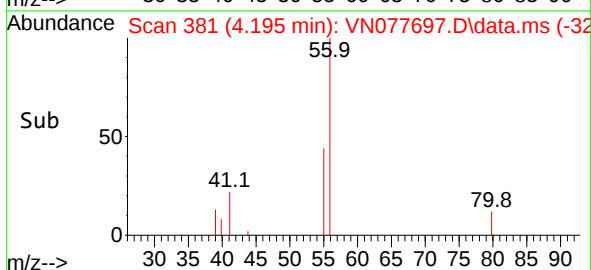
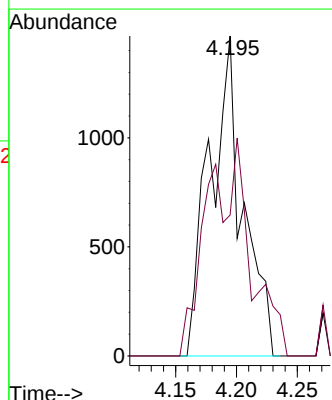
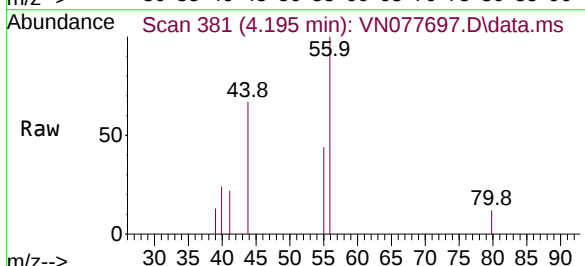
Acq: 16 May 2023 17:02

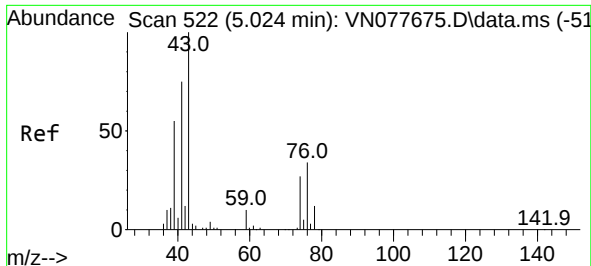
Tgt Ion: 56 Resp: 2779

Ion Ratio Lower Upper

56 100

55 41.8 54.5 81.7#

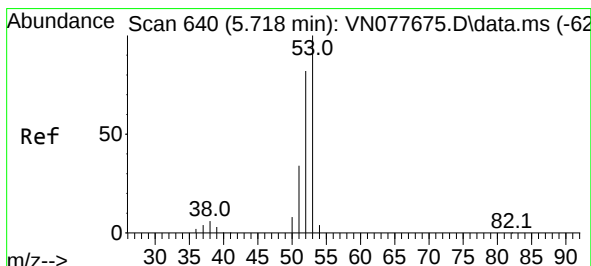
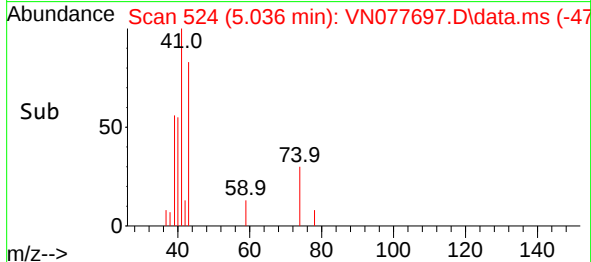
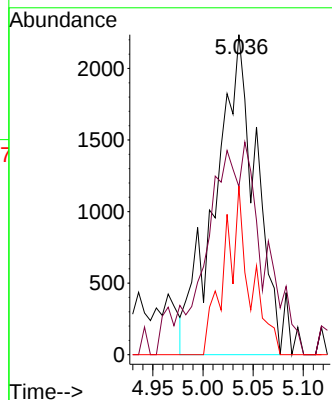
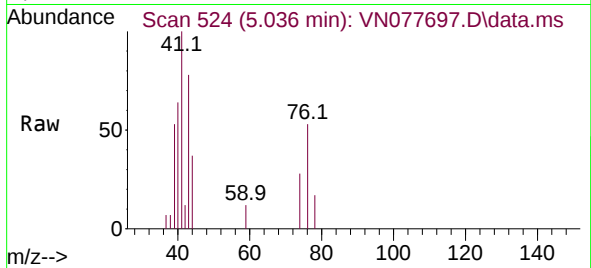




#14
 Allyl chloride
 Concen: 1.158 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN077697.D
 Acq: 16 May 2023 17:02

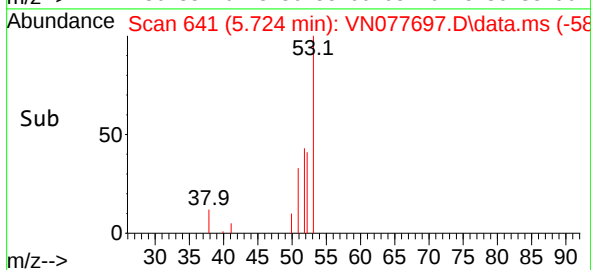
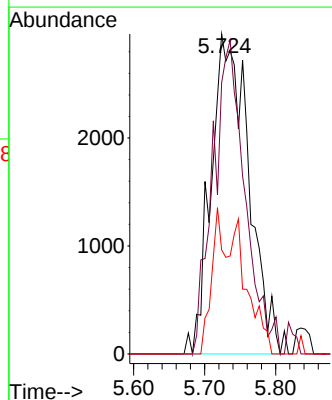
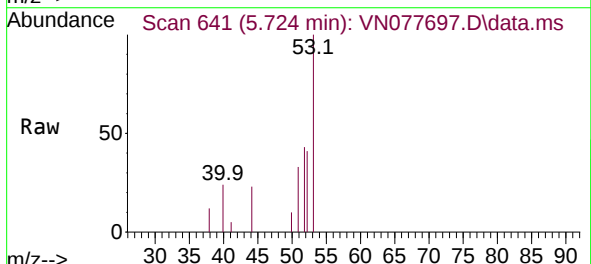
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

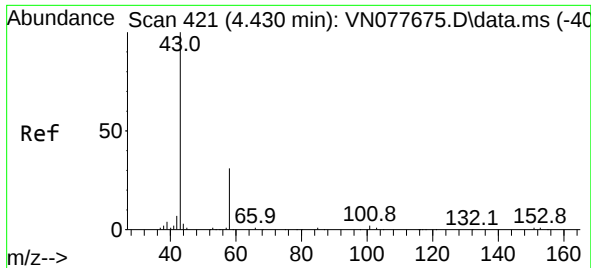
Tgt Ion: 41 Resp: 6279
 Ion Ratio Lower Upper
 41 100
 39 39.6 58.8 88.2#
 76 33.2 39.1 58.7#



#15
 Acrylonitrile
 Concen: 5.630 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VN077697.D
 Acq: 16 May 2023 17:02

Tgt Ion: 53 Resp: 10898
 Ion Ratio Lower Upper
 53 100
 52 83.9 65.3 97.9
 51 15.7 28.9 43.3#





#16

Acetone

Concen: 6.354 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

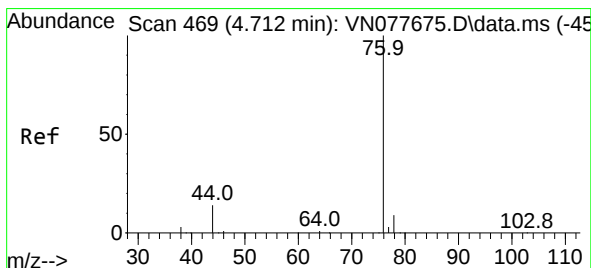
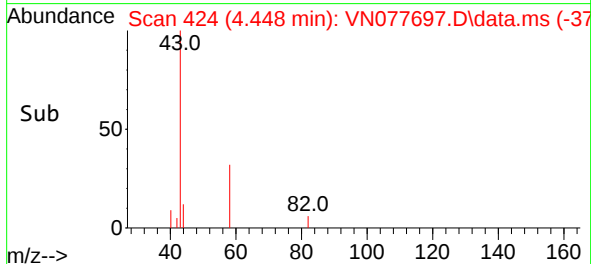
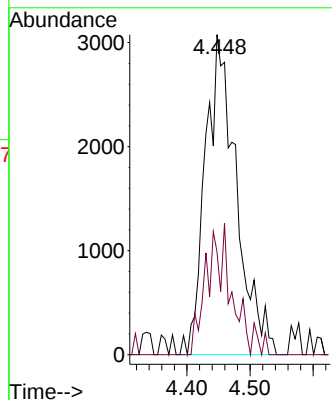
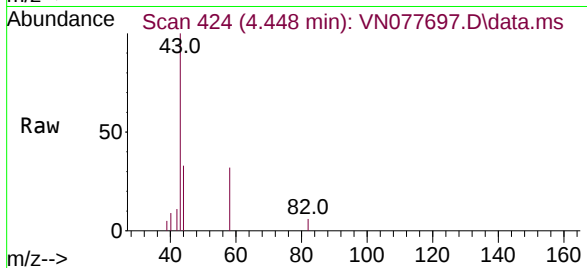
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 10496

Ion Ratio Lower Upper

43 100

58 32.1 28.0 42.0



#17

Carbon Disulfide

Concen: 0.985 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.012 min

Lab File: VN077697.D

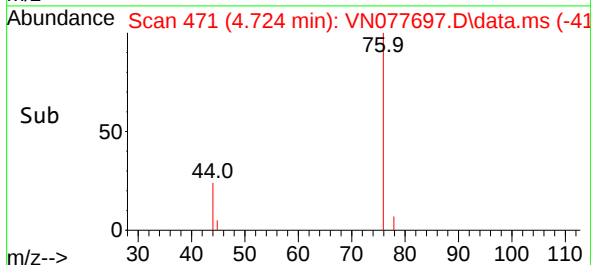
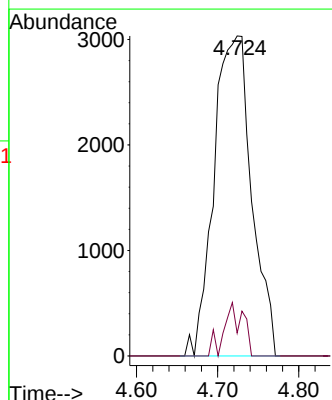
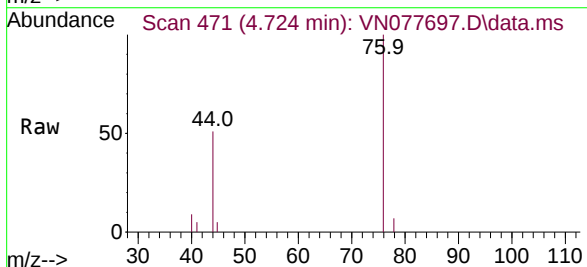
Acq: 16 May 2023 17:02

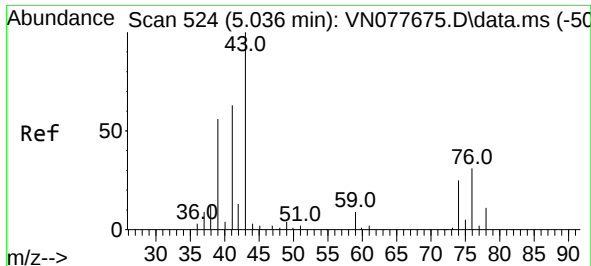
Tgt Ion: 76 Resp: 9798

Ion Ratio Lower Upper

76 100

78 7.2 7.4 11.0#

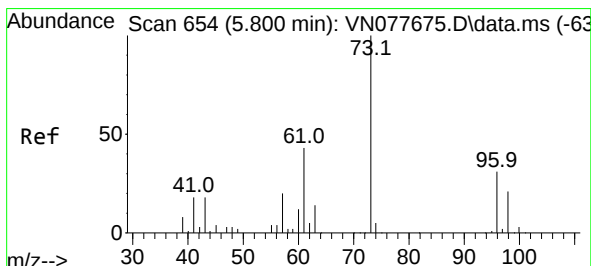
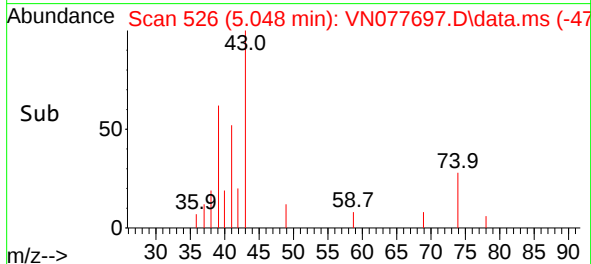
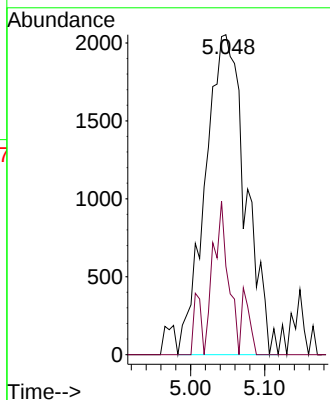
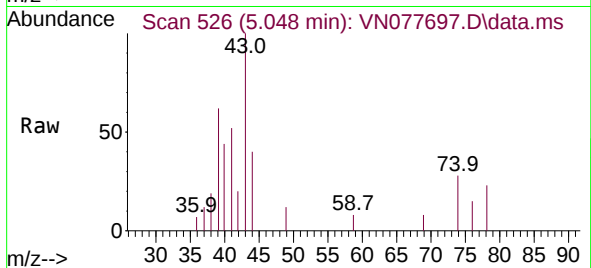




#18
Methyl Acetate
Concen: 1.116 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

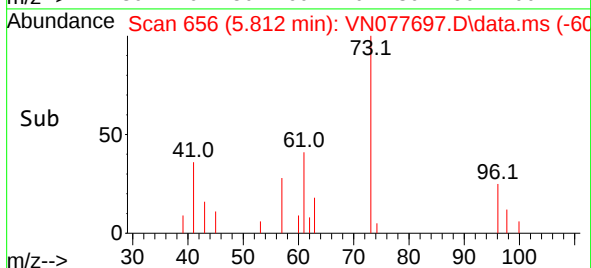
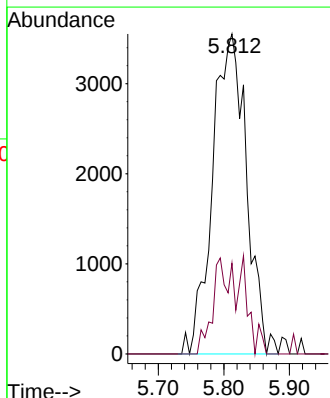
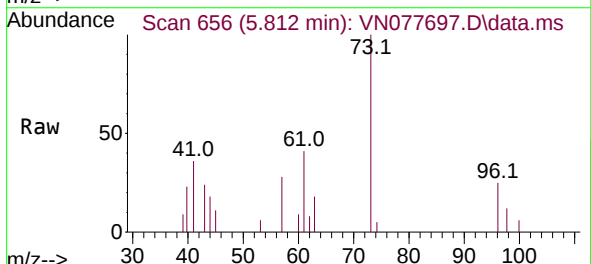
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

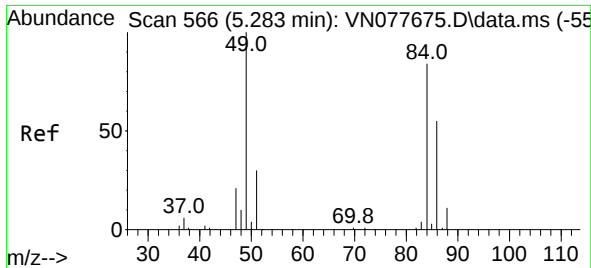
Tgt Ion: 43 Resp: 7736
Ion Ratio Lower Upper
43 100
74 17.8 26.2 39.4#



#19
Methyl tert-butyl Ether
Concen: 0.958 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 73 Resp: 12791
Ion Ratio Lower Upper
73 100
57 28.3 15.6 23.4#



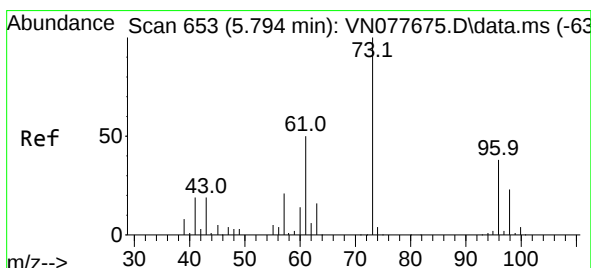
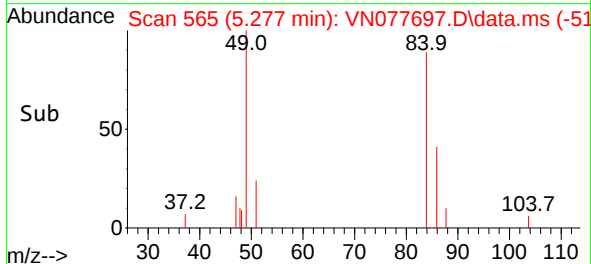
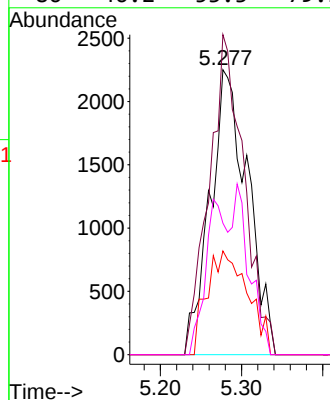
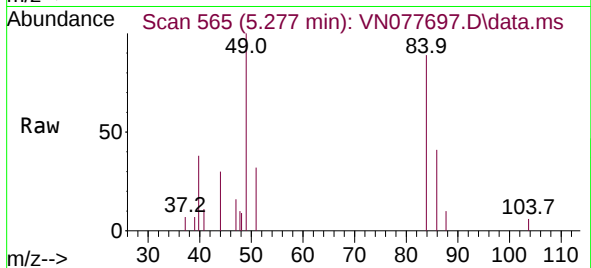


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 84 Resp: 7239

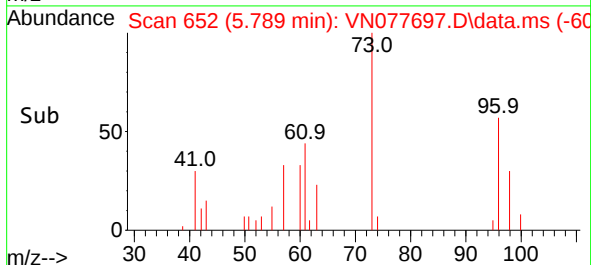
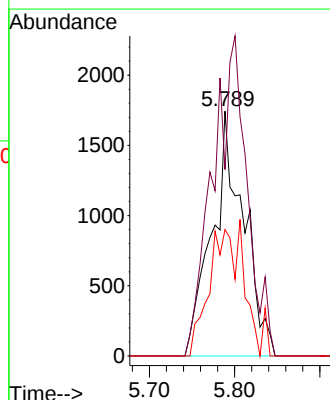
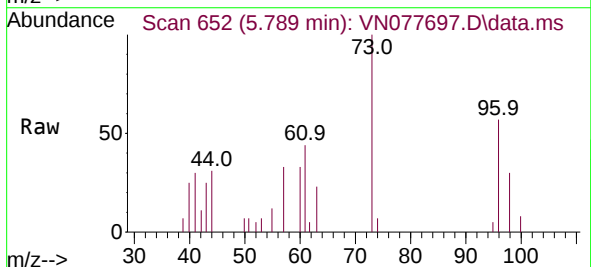
Ion	Ratio	Lower	Upper
84	100		
49	112.3	79.7	119.5
51	36.4	25.2	37.8
86	46.2	53.3	79.9

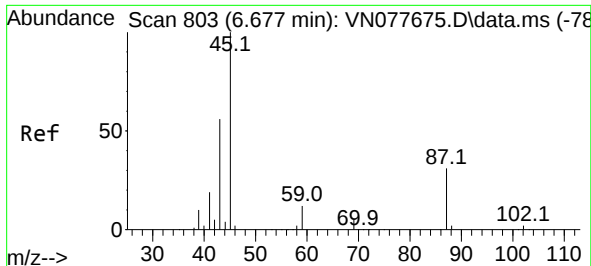


#21
trans-1,2-Dichloroethene
Concen: 1.085 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.005 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 96 Resp: 4500

Ion	Ratio	Lower	Upper
96	100		
61	76.2	90.1	135.1
98	51.7	46.4	69.6

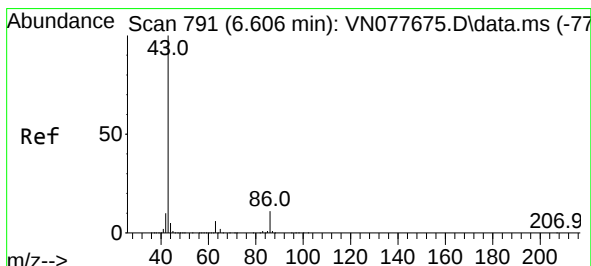
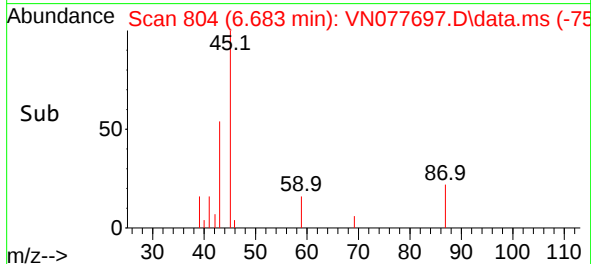
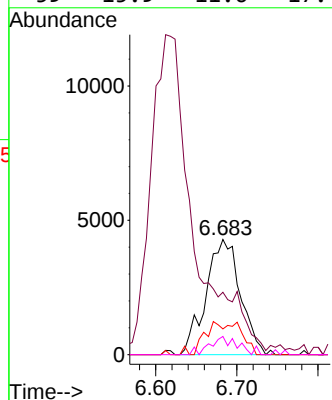
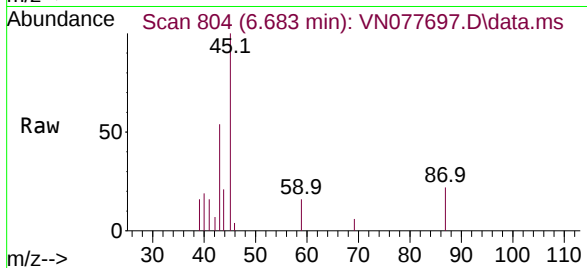




#22
Diisopropyl ether
Concen: 0.996 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

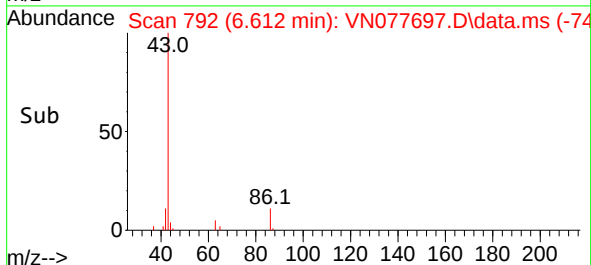
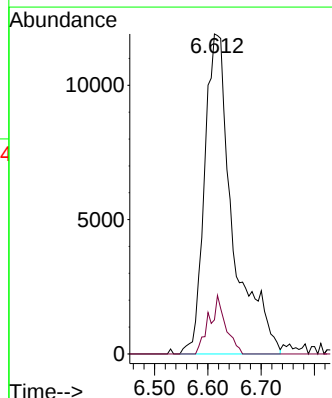
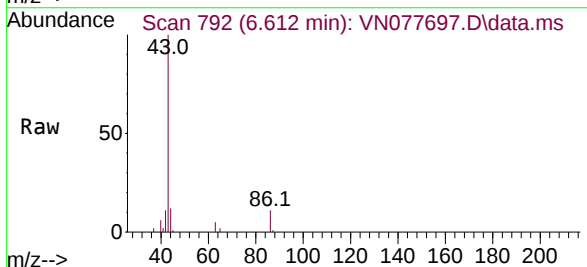
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

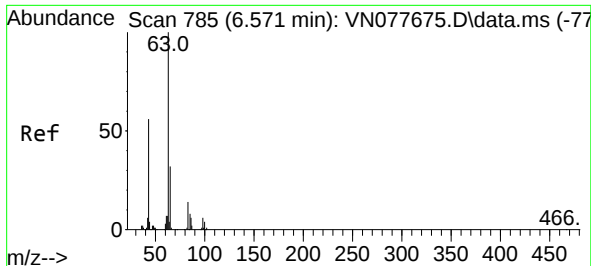
Tgt Ion:	45	Resp:	12655
Ion	Ratio	Lower	Upper
45	100		
43	45.4	45.5	68.3#
87	22.3	31.8	47.8#
59	15.9	11.6	17.4



#23
Vinyl Acetate
Concen: 5.585 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:	43	Resp:	43974
Ion	Ratio	Lower	Upper
43	100		
86	10.6	13.0	19.6#

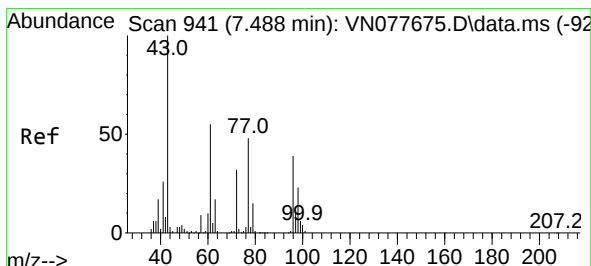
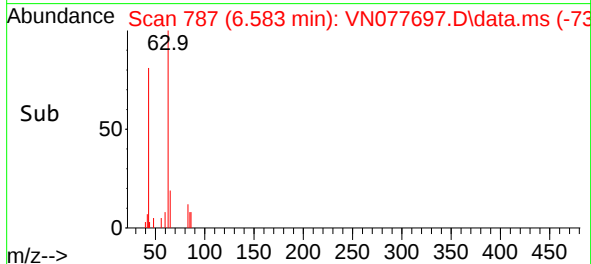
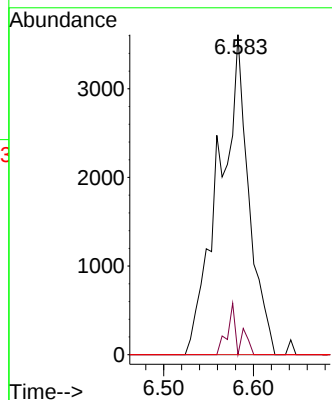
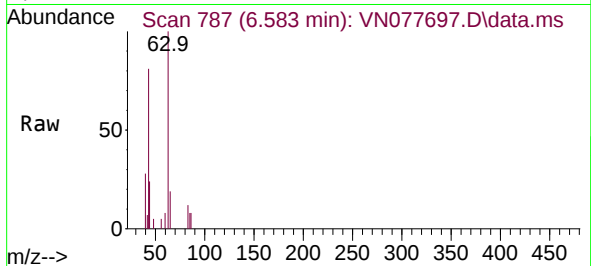




#24
1,1-Dichloroethane
Concen: 1.074 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

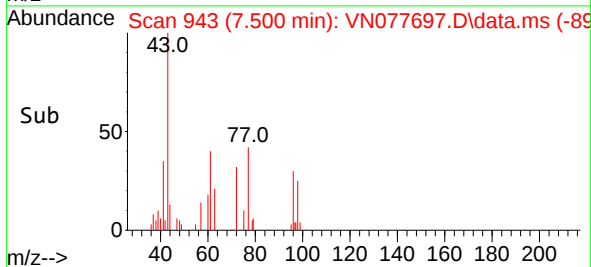
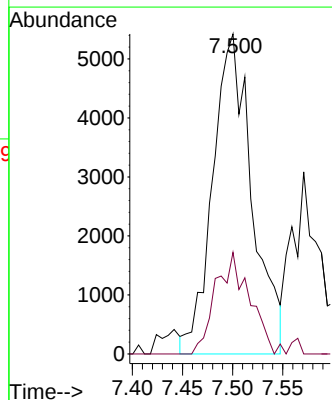
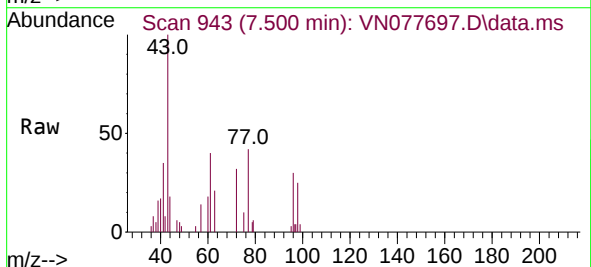
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

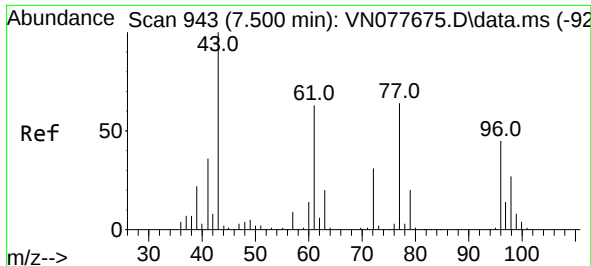
Tgt Ion: 63 Resp: 8358
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 5.705 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 43 Resp: 14742
Ion Ratio Lower Upper
43 100
72 33.6 30.2 45.2

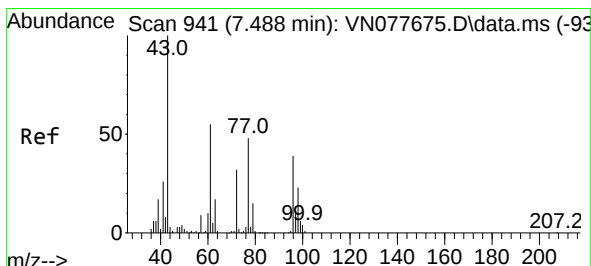
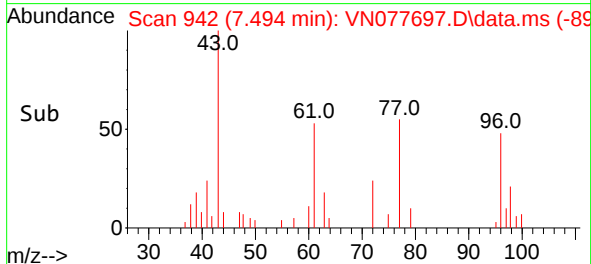
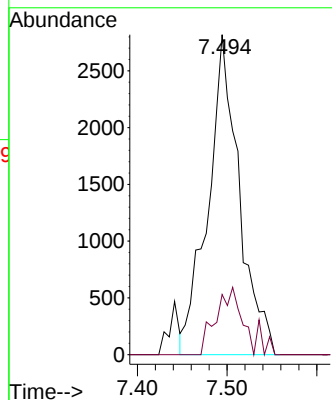
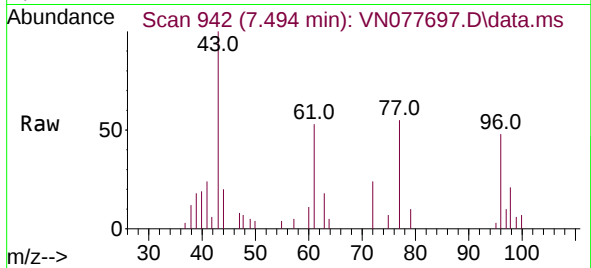




#26
2,2-Dichloropropane
Concen: 1.027 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

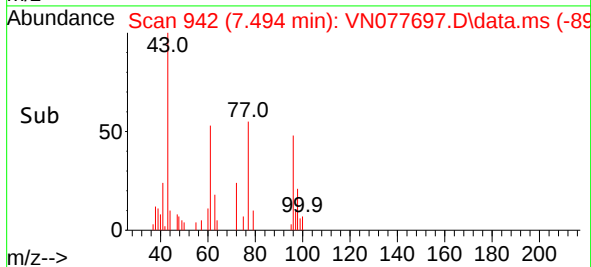
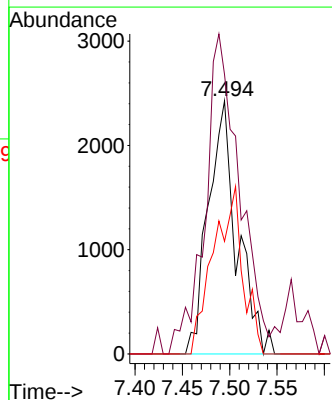
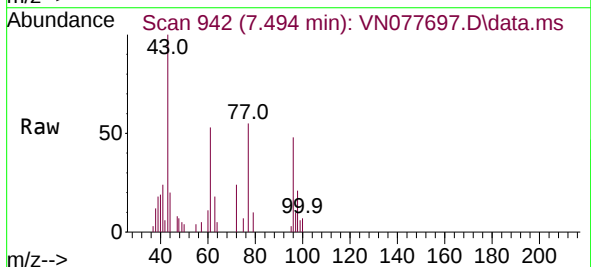
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

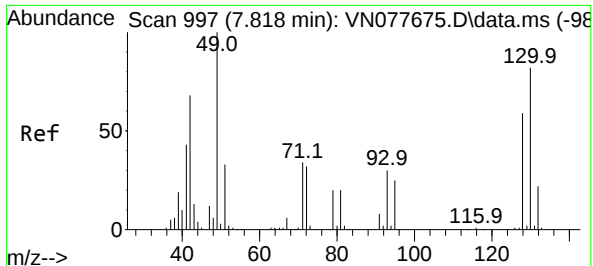
Tgt Ion: 77 Resp: 6796
Ion Ratio Lower Upper
77 100
97 17.1 11.2 33.6



#27
cis-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

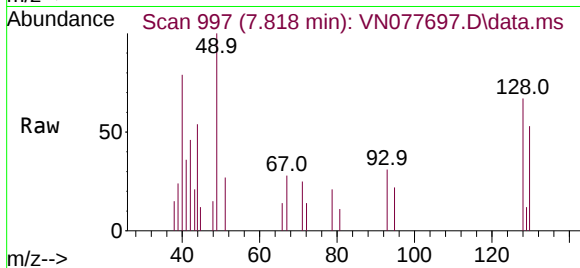
Tgt Ion: 96 Resp: 5146
Ion Ratio Lower Upper
96 100
61 150.8 0.0 255.2
98 67.8 0.0 128.8



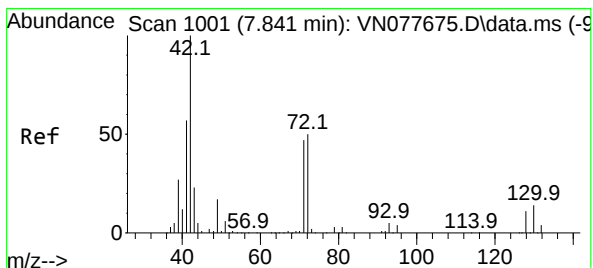
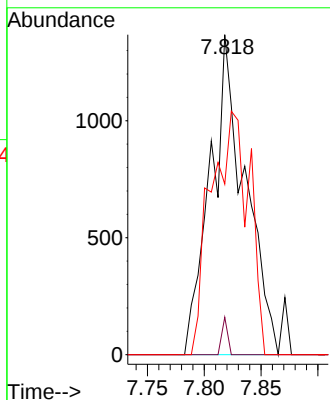
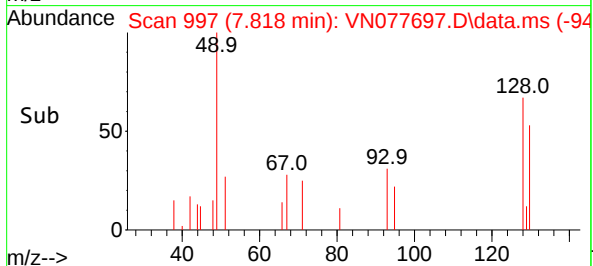


#28
Bromochloromethane
Concen: 0.862 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

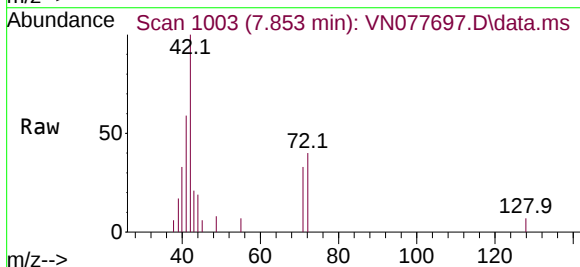
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



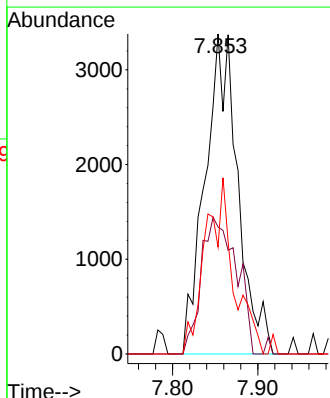
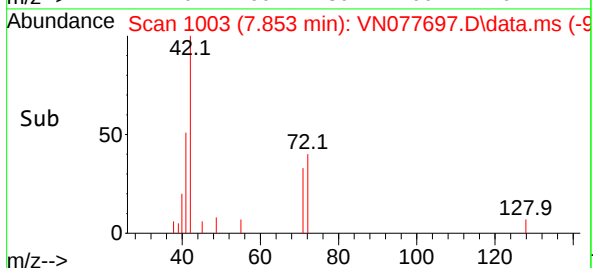
Tgt Ion: 49 Resp: 2903
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 84.0 75.3 112.9

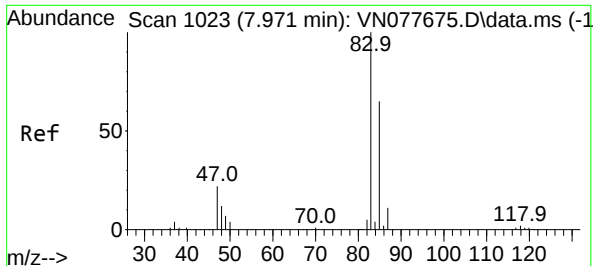


#29
Tetrahydrofuran
Concen: 5.359 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02



Tgt Ion: 42 Resp: 9067
Ion Ratio Lower Upper
42 100
72 45.8 49.8 74.6#
71 24.2 47.4 71.2#





#30

Chloroform

Concen: 0.991 ug/l

RT: 7.971 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

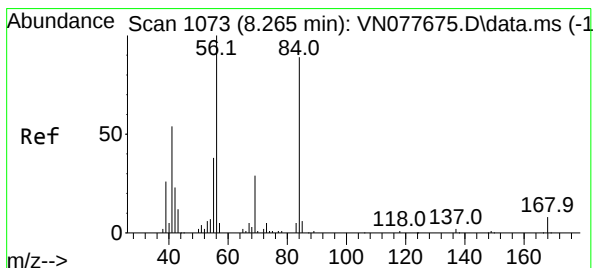
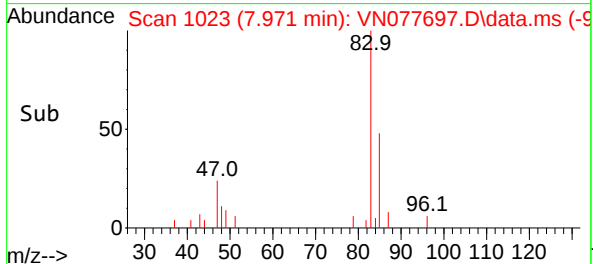
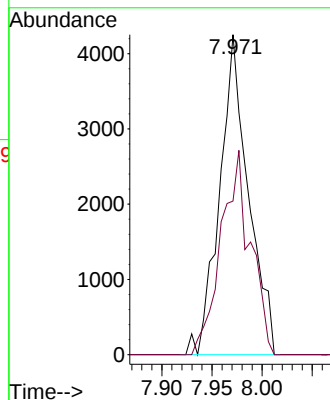
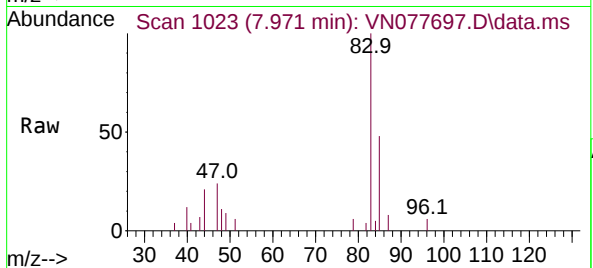
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 8486

Ion Ratio Lower Upper

83 100

85 48.0 55.4 83.0#



#31

Cyclohexane

Concen: 1.308 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.029 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

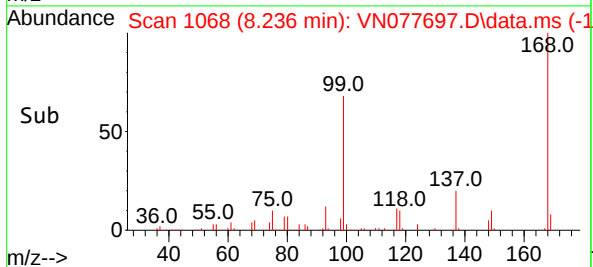
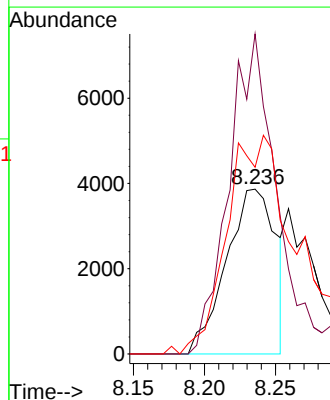
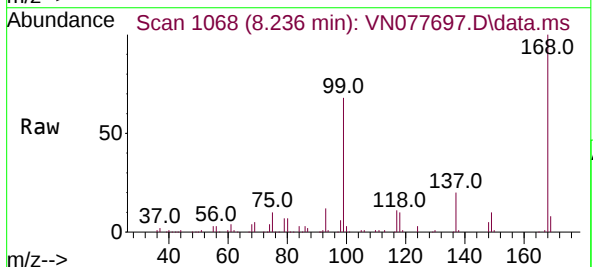
Tgt Ion: 56 Resp: 9336

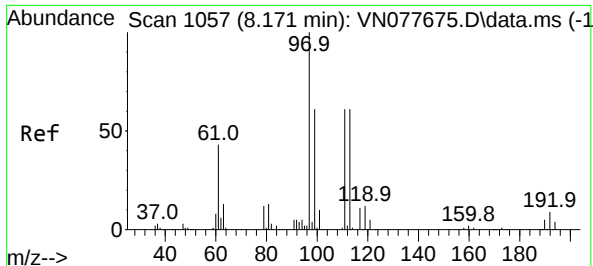
Ion Ratio Lower Upper

56 100

69 194.1 26.8 40.2#

84 113.3 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 1.058 ug/l

RT: 8.183 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

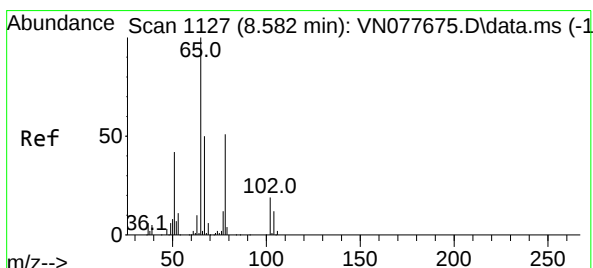
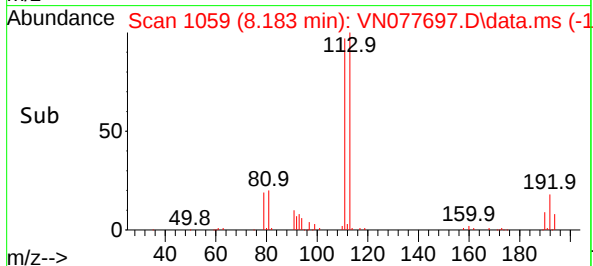
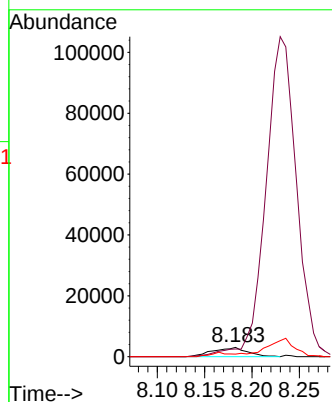
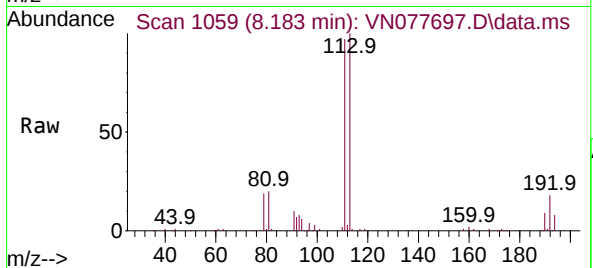
Tgt Ion: 97 Resp: 7704

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 26.7 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 55.096 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077697.D

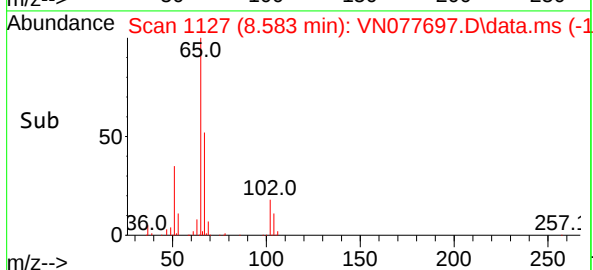
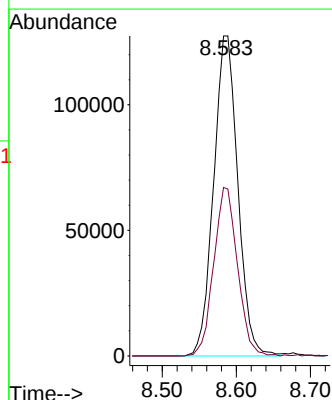
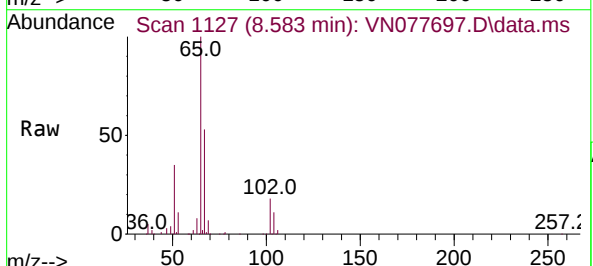
Acq: 16 May 2023 17:02

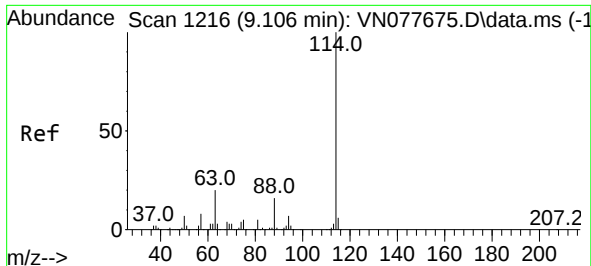
Tgt Ion: 65 Resp: 289271

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6

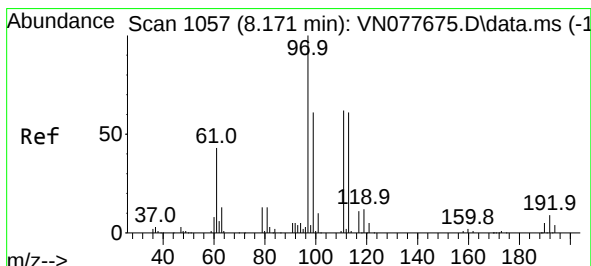
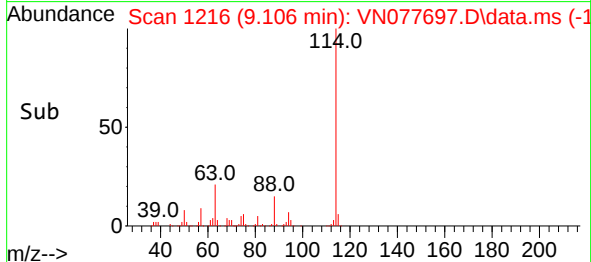
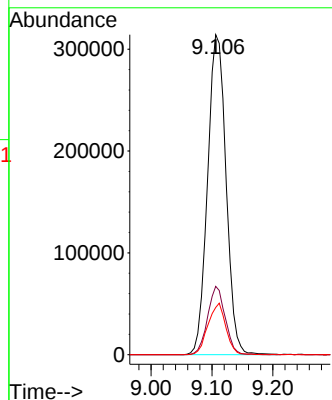
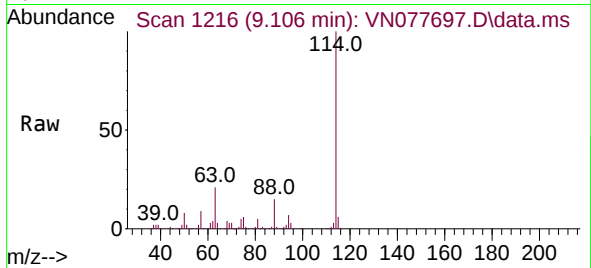




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

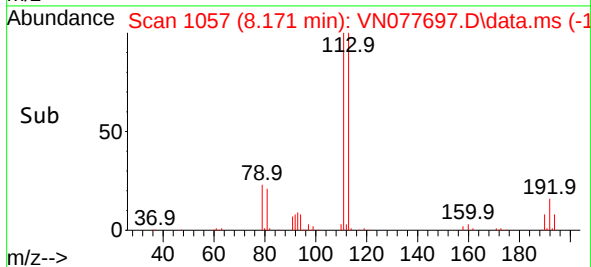
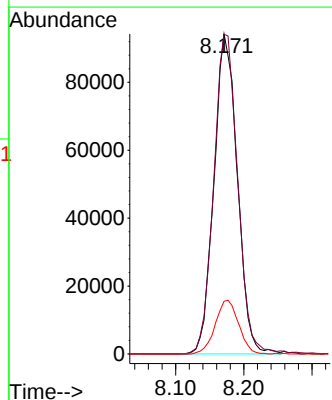
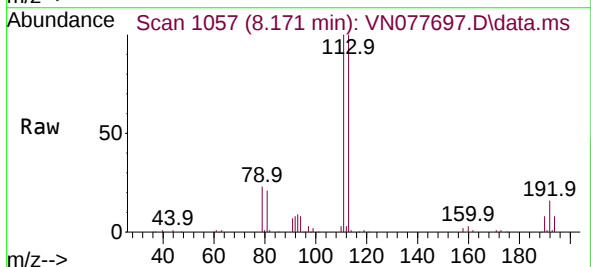
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

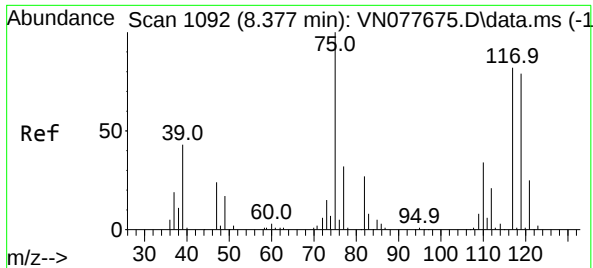
Tgt Ion:114 Resp: 663358
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.973 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:113 Resp: 224818
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 1.018 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

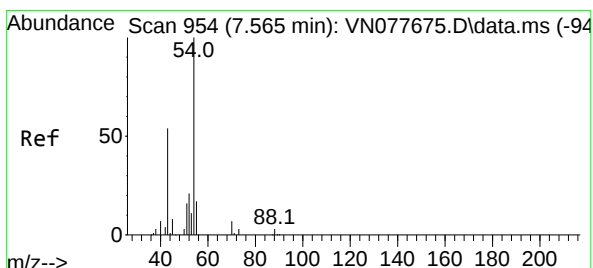
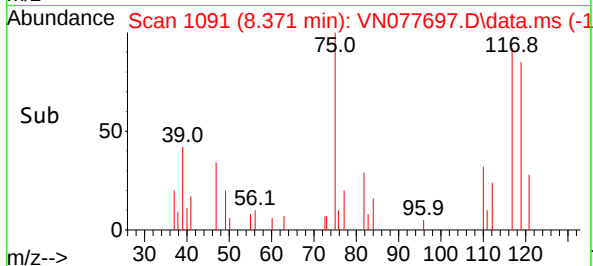
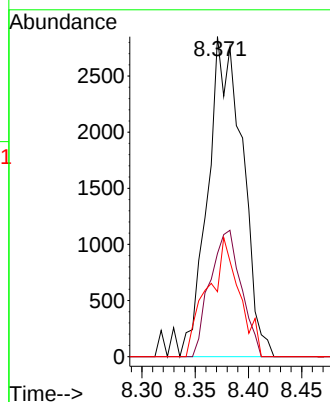
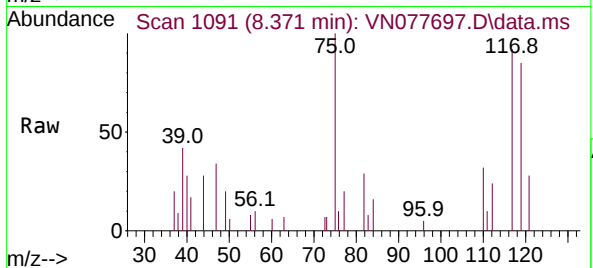
Tgt Ion: 75 Resp: 6443

Ion Ratio Lower Upper

75 100

110 35.4 19.1 57.3

77 33.9 25.0 37.4



#37

Ethyl Acetate

Concen: 1.132 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

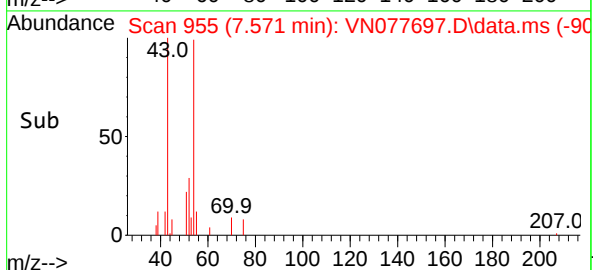
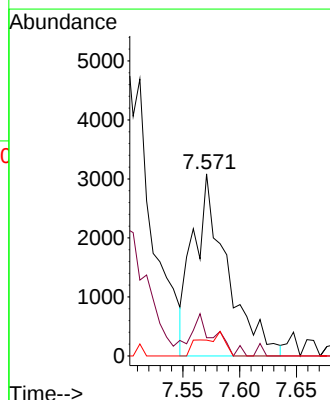
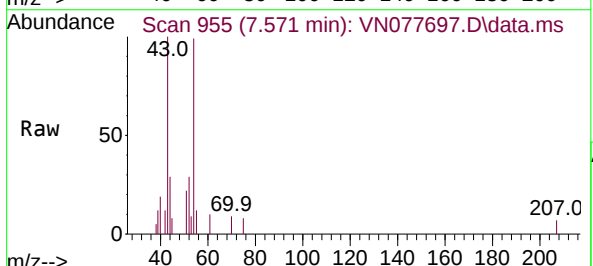
Tgt Ion: 43 Resp: 6386

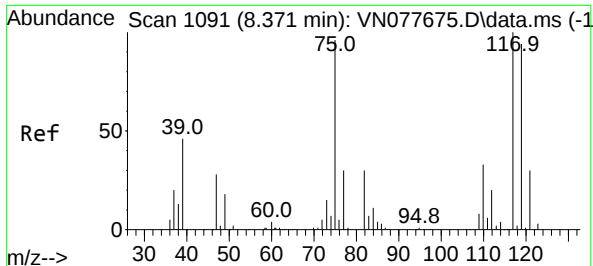
Ion Ratio Lower Upper

43 100

61 16.9 13.2 19.8

70 9.2 11.3 16.9#

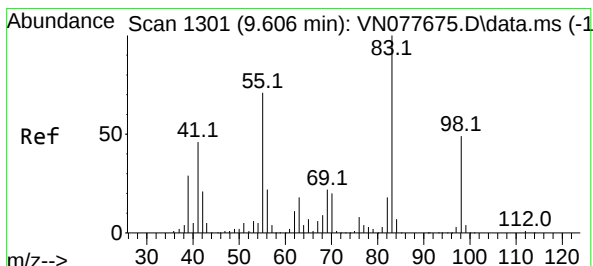
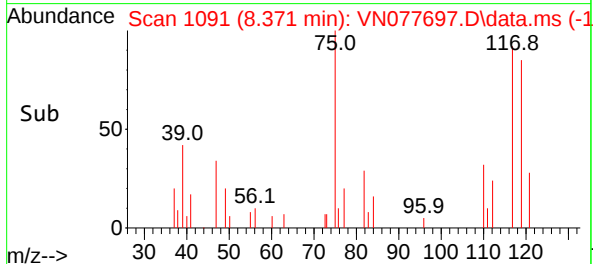
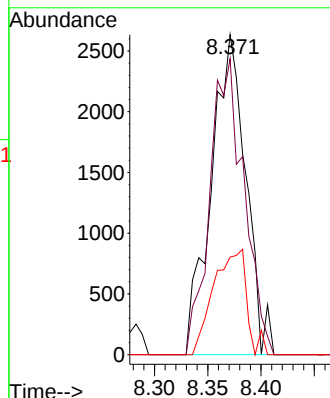
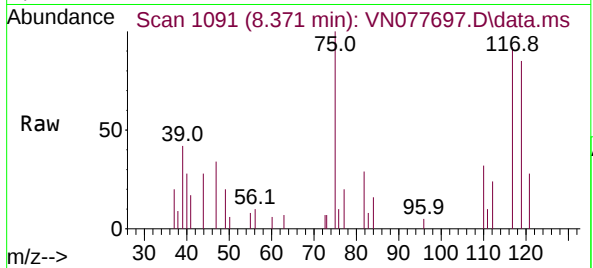




#38
Carbon Tetrachloride
Concen: 0.935 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

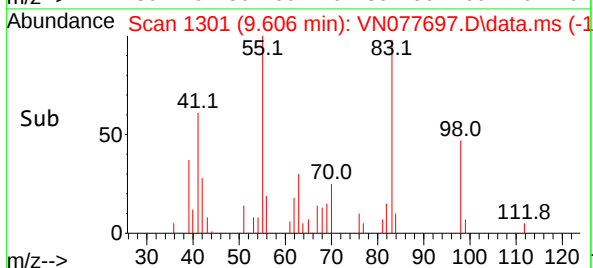
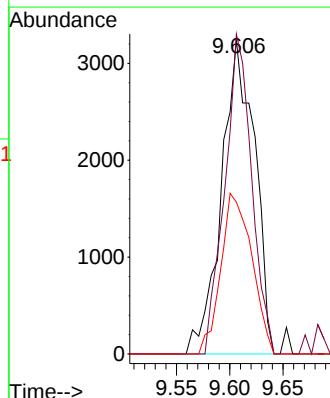
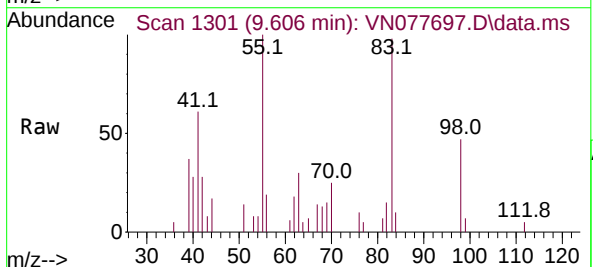
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

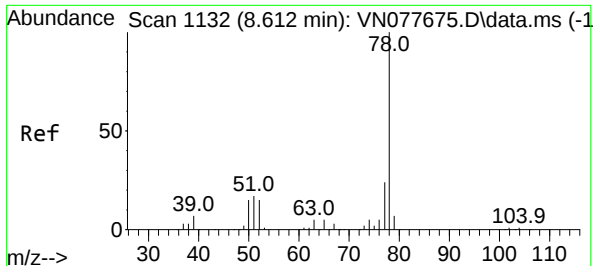
Tgt Ion:	117	Resp:	5976
Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.3	115.9
121	30.5	23.3	34.9



#39
Methylcyclohexane
Concen: 0.905 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:	83	Resp:	7013
Ion	Ratio	Lower	Upper
83	100		
55	101.8	49.1	73.7#
98	48.3	40.6	61.0





#40

Benzene

Concen: 1.032 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

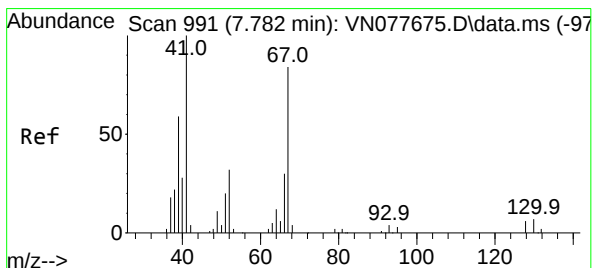
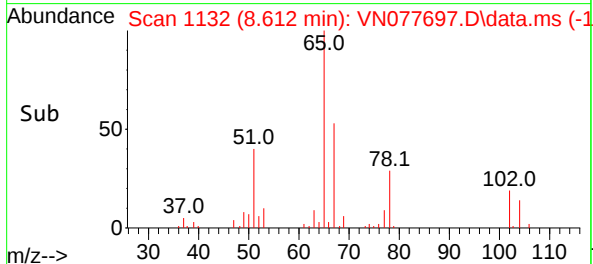
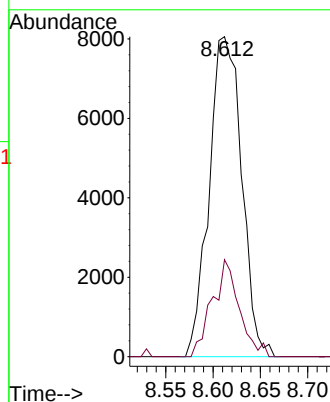
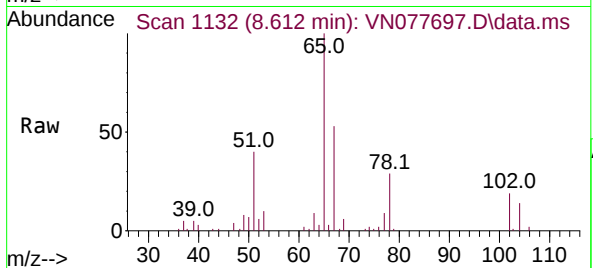
LOQ-WATER-02-QT2-2023

Tgt Ion: 78 Resp: 19275

Ion Ratio Lower Upper

78 100

77 30.3 19.0 28.6#



#41

Methacrylonitrile

Concen: 0.826 ug/l

RT: 7.794 min Scan# 993

Delta R.T. 0.012 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Tgt Ion: 41 Resp: 2480

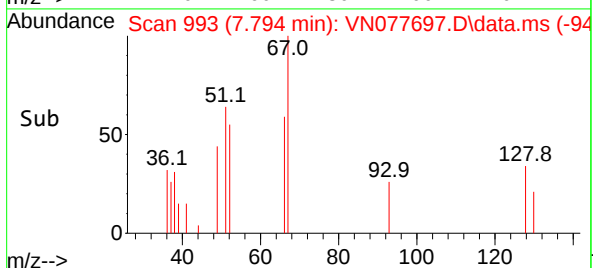
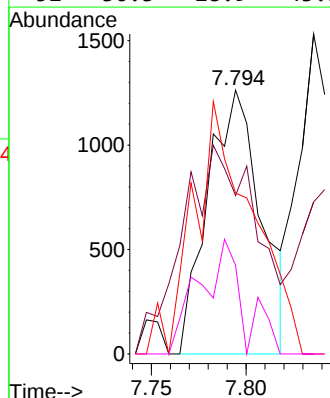
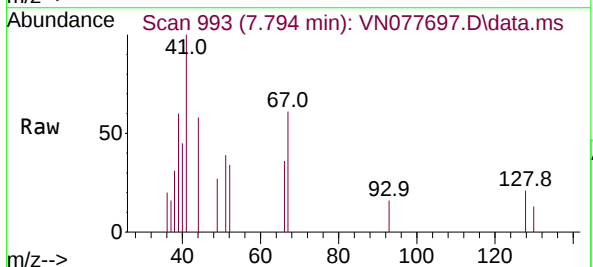
Ion Ratio Lower Upper

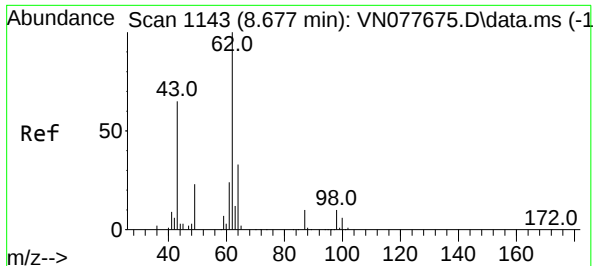
41 100

39 109.4 42.6 64.0#

67 105.5 77.5 116.3

52 36.3 28.9 43.3





#42

1,2-Dichloroethane

Concen: 1.159 ug/l

RT: 8.671 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

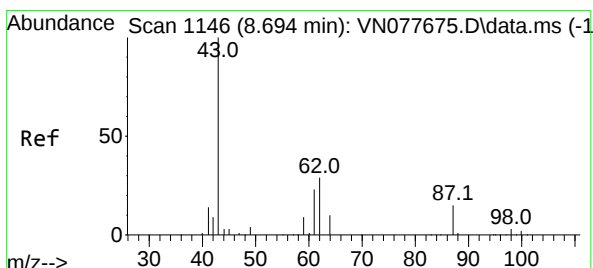
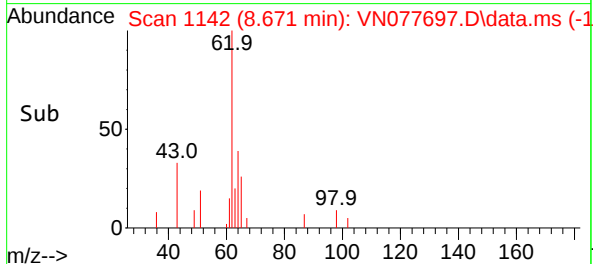
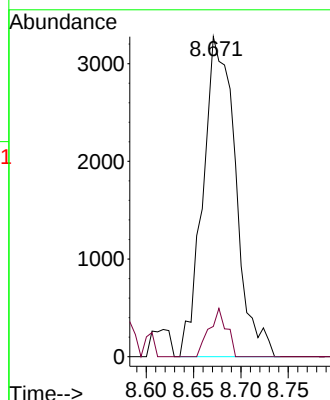
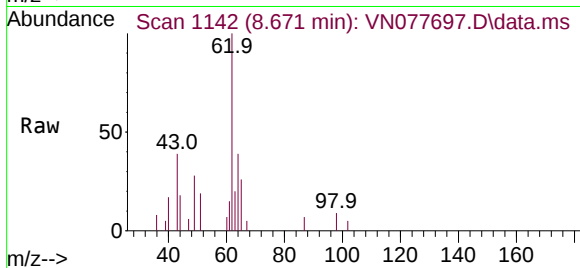
LOQ-WATER-02-QT2-2023

Tgt Ion: 62 Resp: 7858

Ion Ratio Lower Upper

62 100

98 8.1 0.0 19.8



#43

Isopropyl Acetate

Concen: 1.041 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

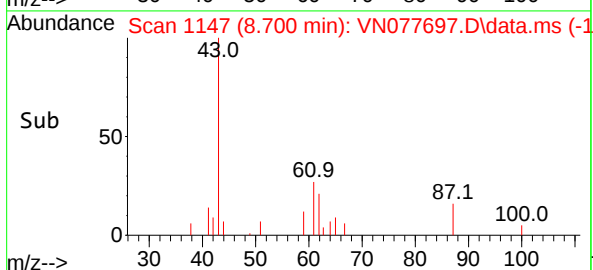
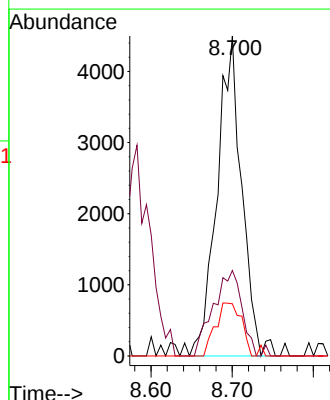
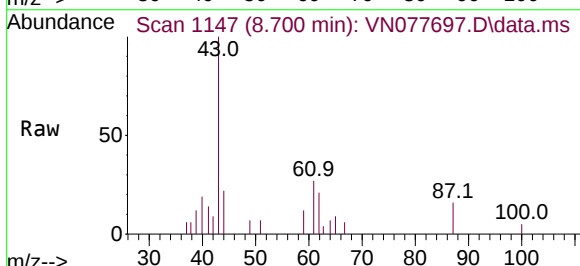
Tgt Ion: 43 Resp: 9585

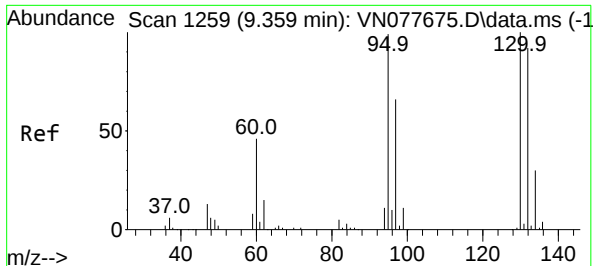
Ion Ratio Lower Upper

43 100

61 30.5 24.7 37.1

87 17.1 14.6 21.8

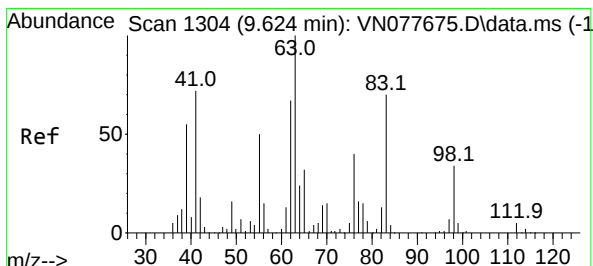
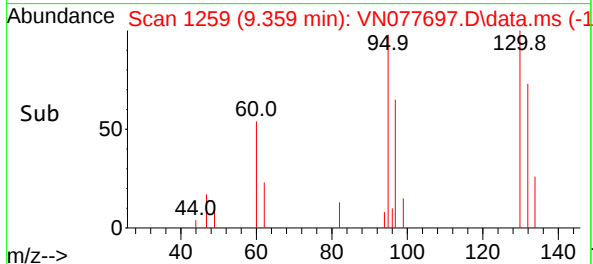
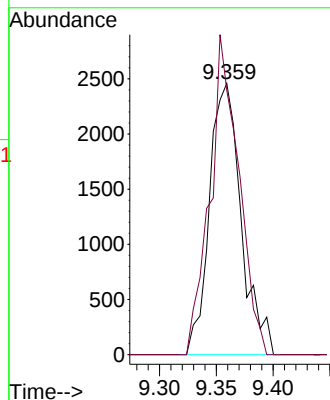
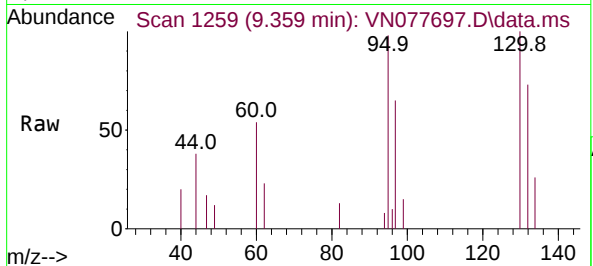




#44
Trichloroethene
Concen: 1.011 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

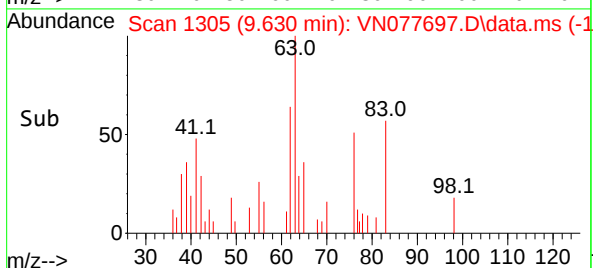
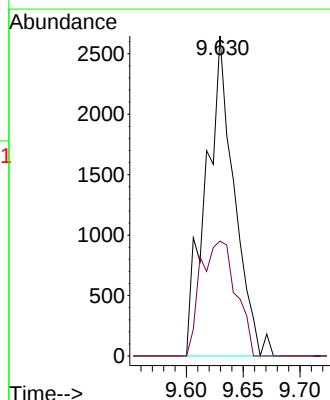
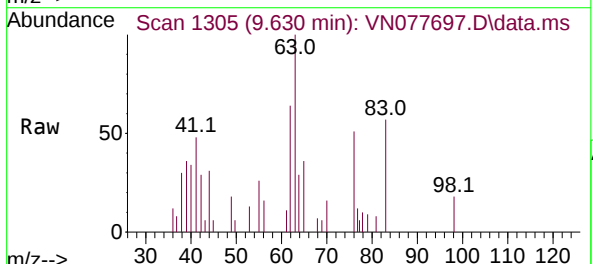
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

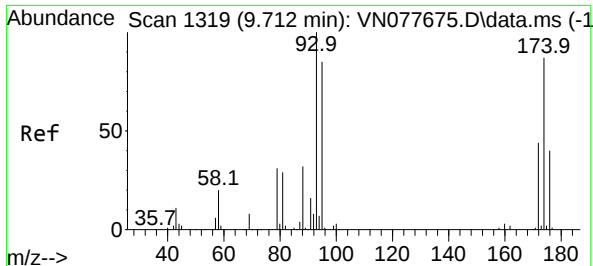
Tgt Ion:130 Resp: 4780
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.960 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 63 Resp: 4572
Ion Ratio Lower Upper
63 100
65 35.9 23.9 35.9#

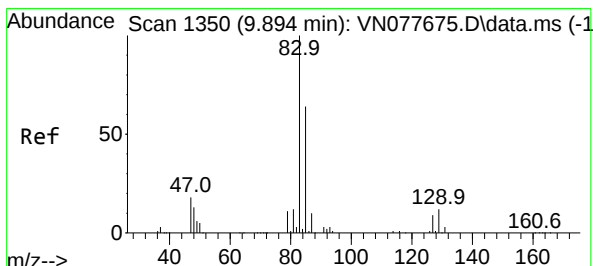
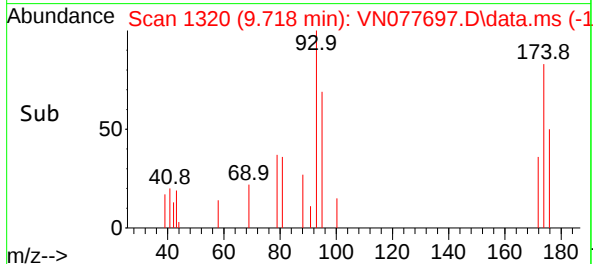
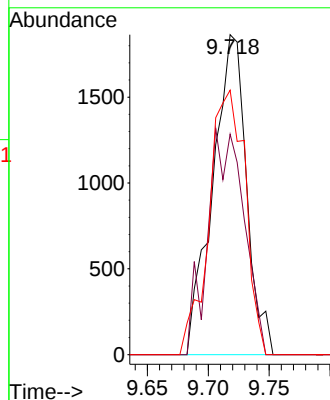
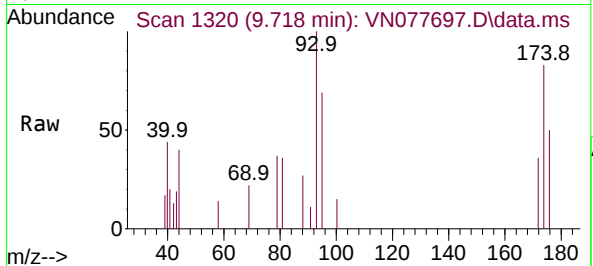




#46
Dibromomethane
Concen: 1.060 ug/l
RT: 9.718 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

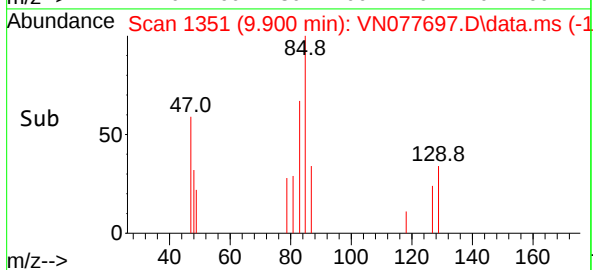
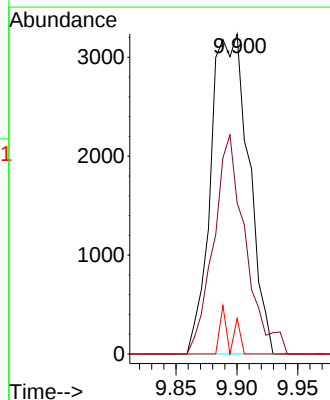
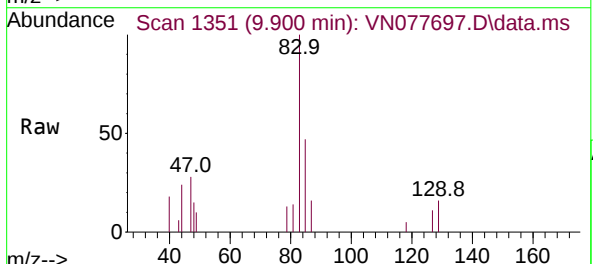
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

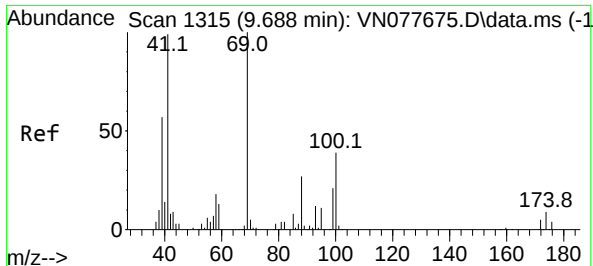
Tgt Ion: 93 Resp: 3611
Ion Ratio Lower Upper
93 100
95 75.9 63.8 95.8
174 87.9 65.6 98.4



#47
Bromodichloromethane
Concen: 1.072 ug/l
RT: 9.900 min Scan# 1351
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 83 Resp: 6993
Ion Ratio Lower Upper
83 100
85 47.2 49.6 74.4#
127 11.1 7.0 10.6#





#48

Methyl methacrylate

Concen: 1.020 ug/l

RT: 9.683 min Scan# 1315

Delta R.T. -0.005 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

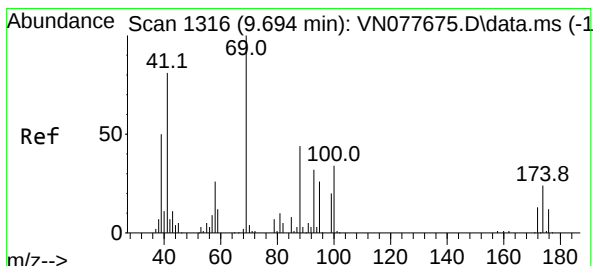
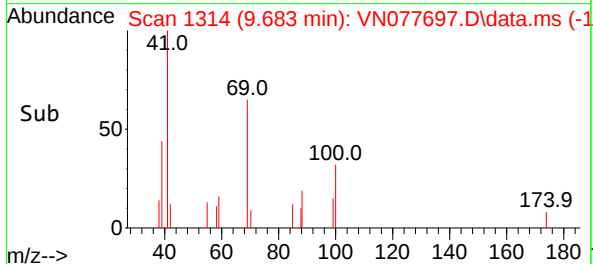
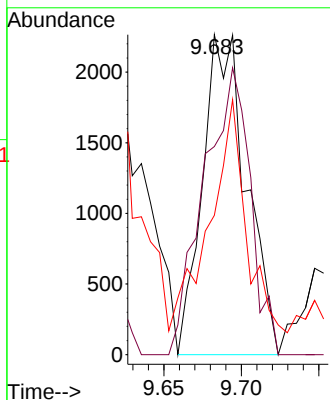
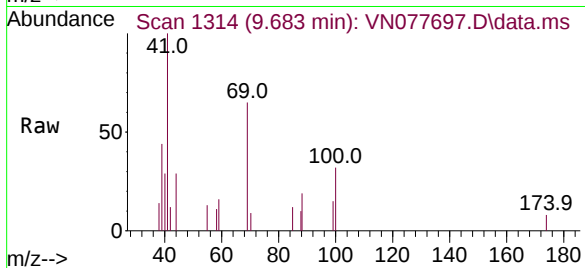
Tgt Ion: 41 Resp: 4454

Ion Ratio Lower Upper

41 100

69 94.9 90.4 135.6

39 75.2 54.6 81.8



#49

1,4-Dioxane

Concen: 18.197 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

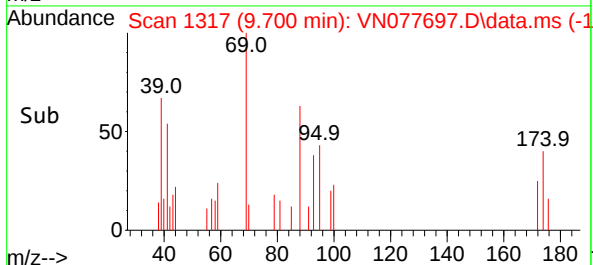
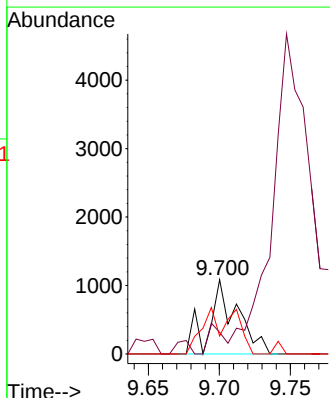
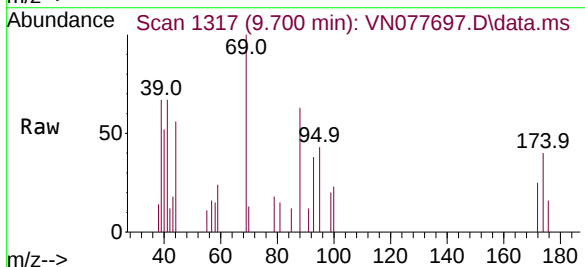
Tgt Ion: 88 Resp: 1501

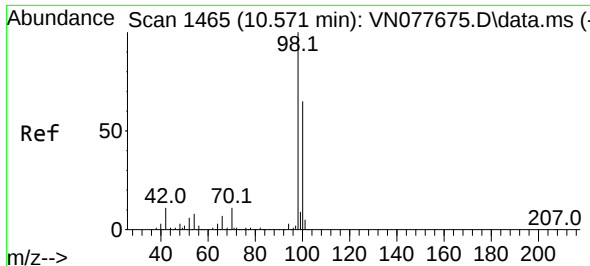
Ion Ratio Lower Upper

88 100

43 21.8 17.0 25.6

58 37.0 47.0 70.4

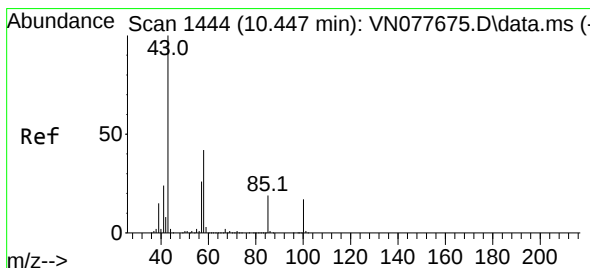
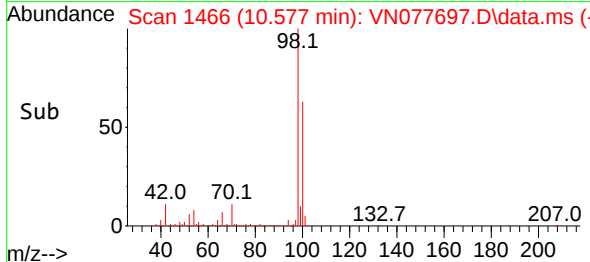
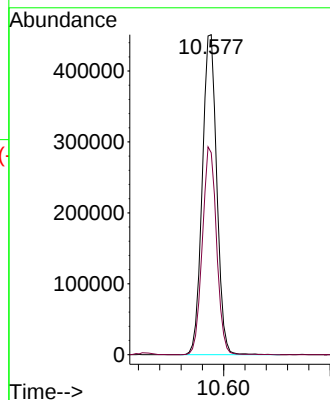
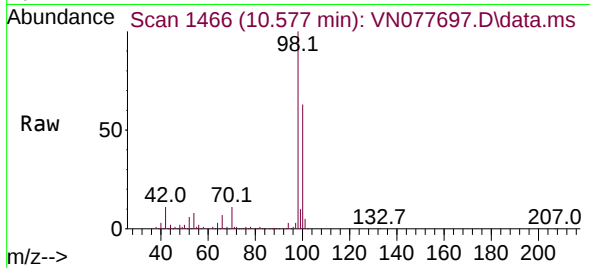




#50
Toluene-d8
Concen: 51.002 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

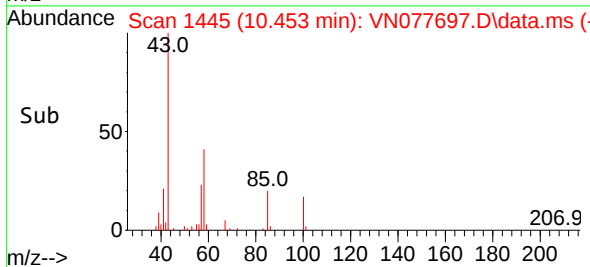
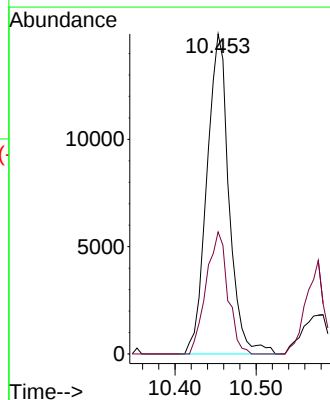
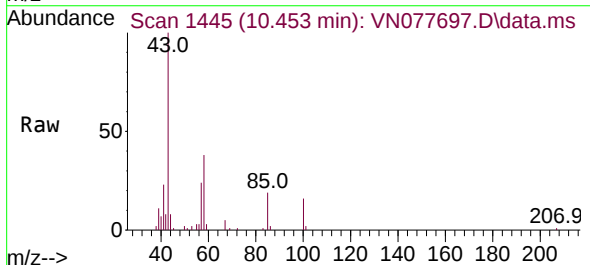
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

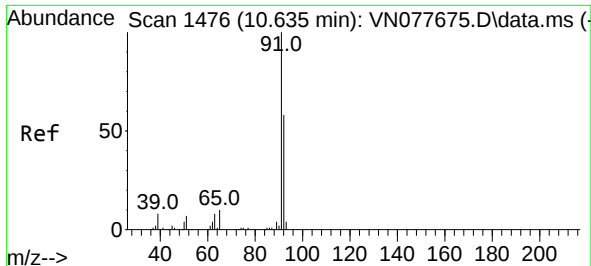
Tgt Ion: 98 Resp: 849181
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.155 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 43 Resp: 28226
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8

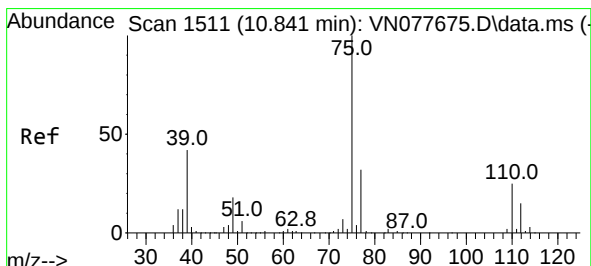
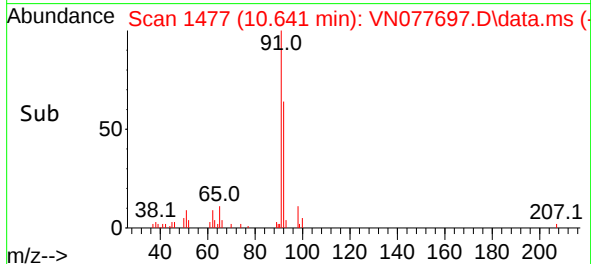
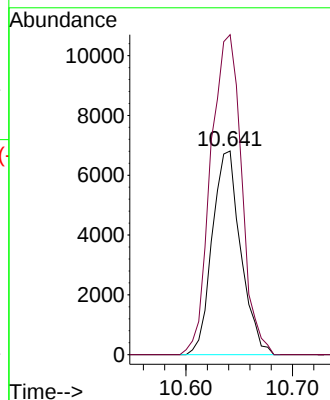
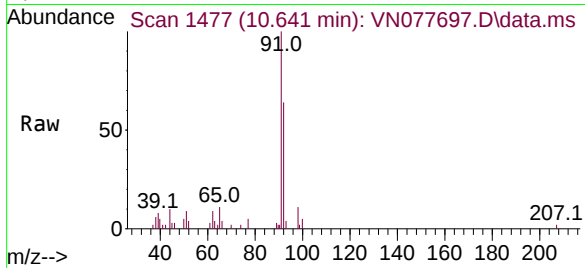




#52
Toluene
Concen: 1.088 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

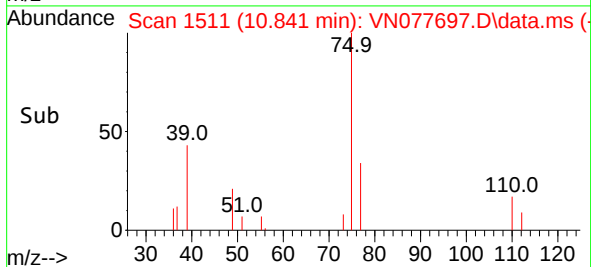
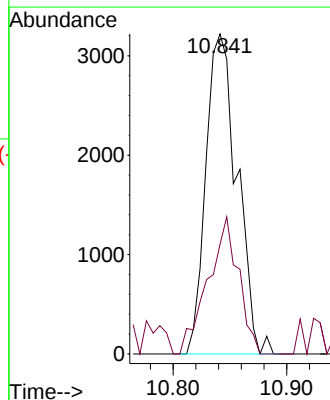
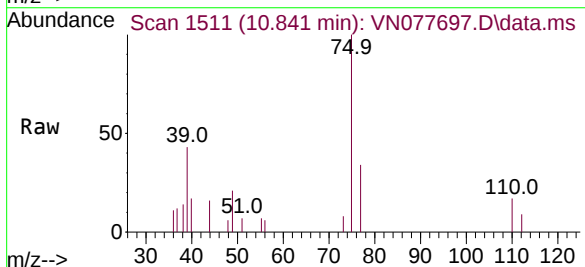
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

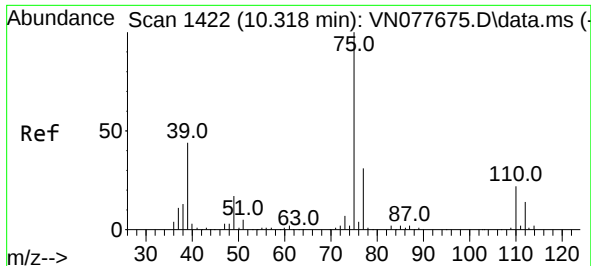
Tgt Ion: 92 Resp: 12642
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.889 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 75 Resp: 6141
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0

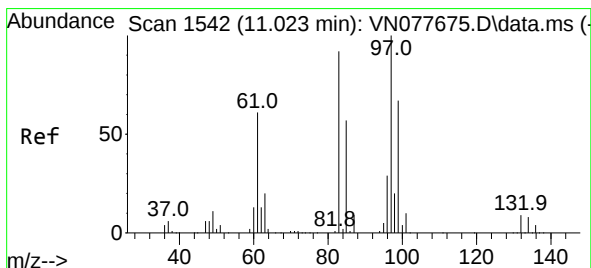
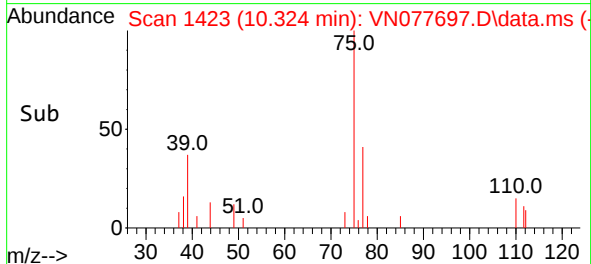
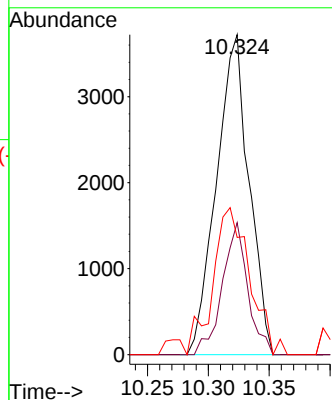
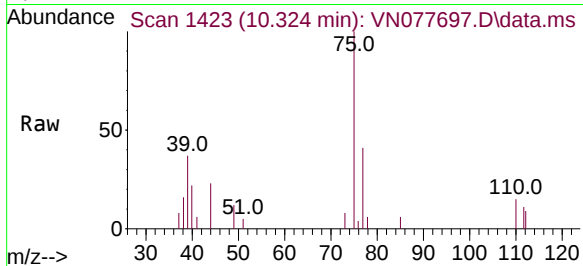




#54
 cis-1,3-Dichloropropene
 Concen: 0.910 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN077697.D
 Acq: 16 May 2023 17:02

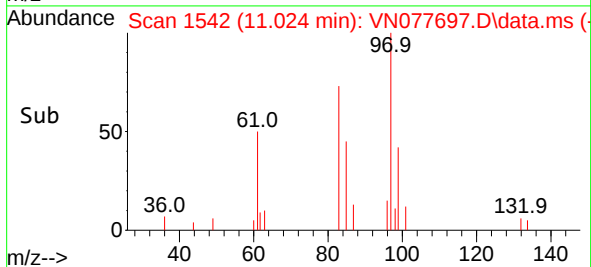
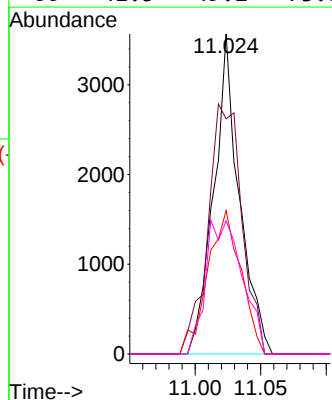
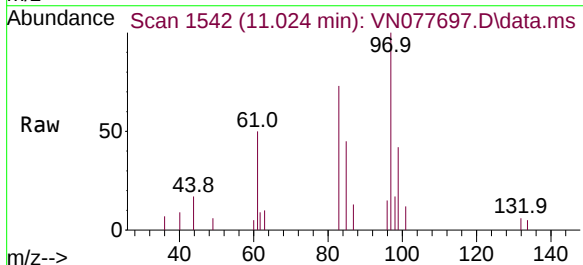
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

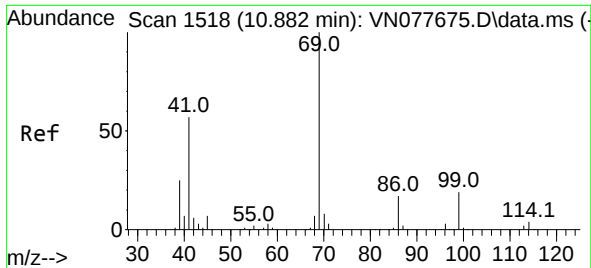
Tgt Ion: 75 Resp: 6927
 Ion Ratio Lower Upper
 75 100
 77 41.3 26.1 39.1#
 39 32.0 31.6 47.4



#55
 1,1,2-Trichloroethane
 Concen: 1.051 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.001 min
 Lab File: VN077697.D
 Acq: 16 May 2023 17:02

Tgt Ion: 97 Resp: 4852
 Ion Ratio Lower Upper
 97 100
 83 73.5 65.1 97.7
 85 44.8 43.4 65.2
 99 41.5 49.2 73.8#

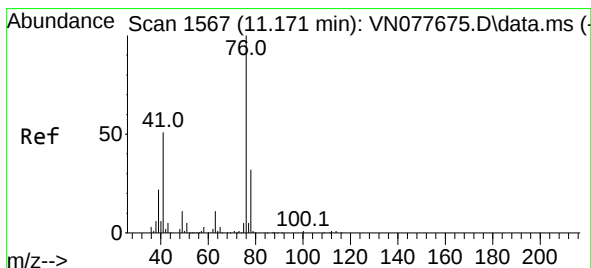
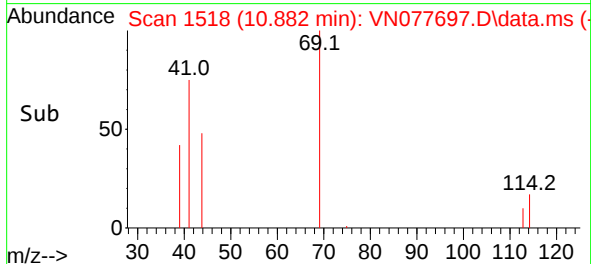
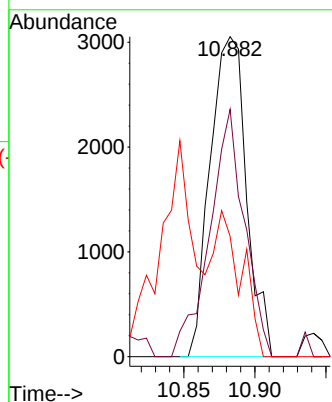
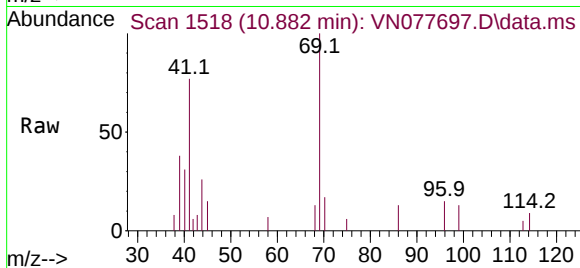




#56
Ethyl methacrylate
Concen: 0.780 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

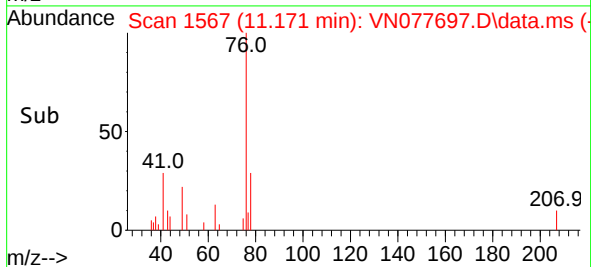
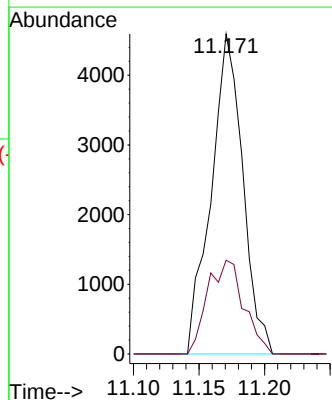
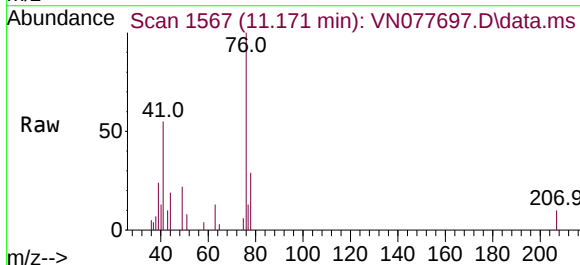
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

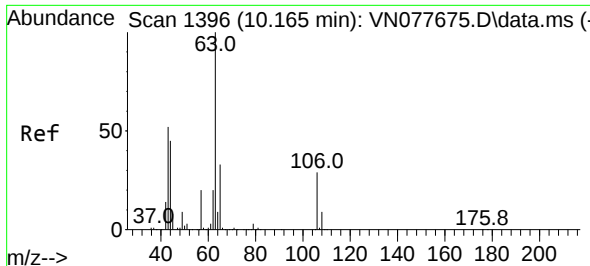
Tgt Ion: 69 Resp: 5442
Ion Ratio Lower Upper
69 100
41 73.7 39.6 59.4#
39 35.6 28.6 43.0



#57
1,3-Dichloropropane
Concen: 0.975 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 76 Resp: 7715
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

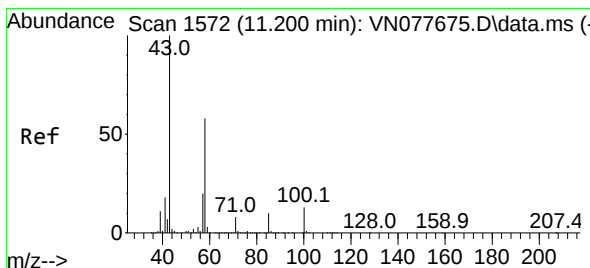
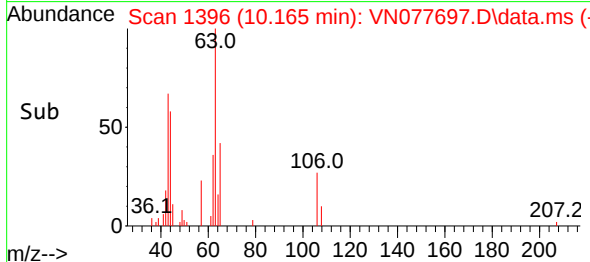
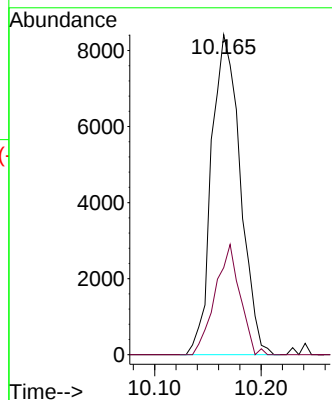
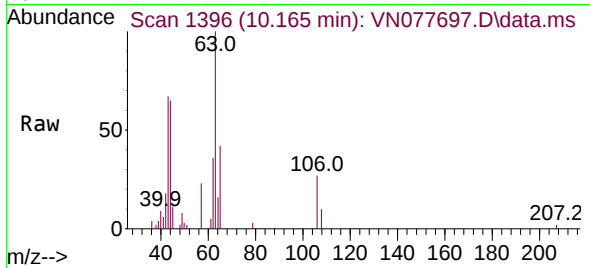




#58
2-Chloroethyl Vinyl ether
Concen: 4.599 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

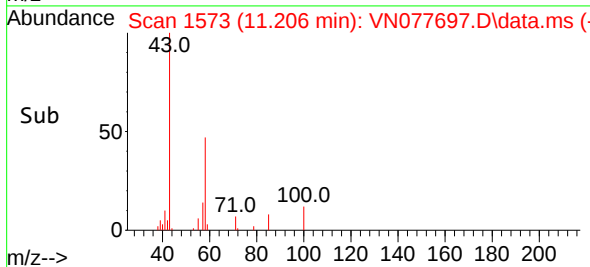
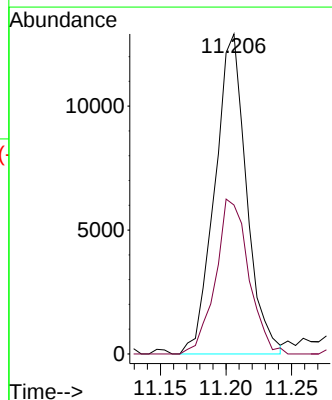
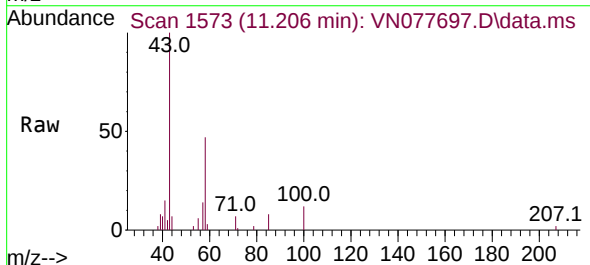
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

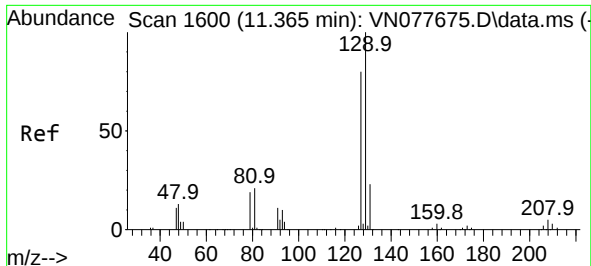
Tgt Ion: 63 Resp: 15789
Ion Ratio Lower Upper
63 100
106 29.7 26.2 39.4



#59
2-Hexanone
Concen: 5.340 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 43 Resp: 21626
Ion Ratio Lower Upper
43 100
58 50.6 31.7 95.1

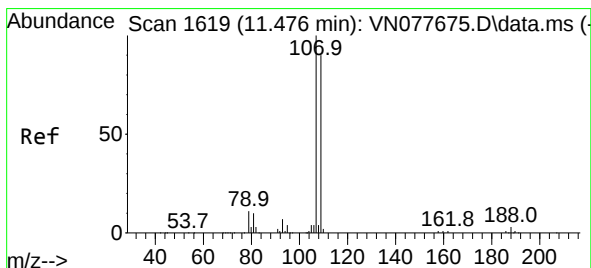
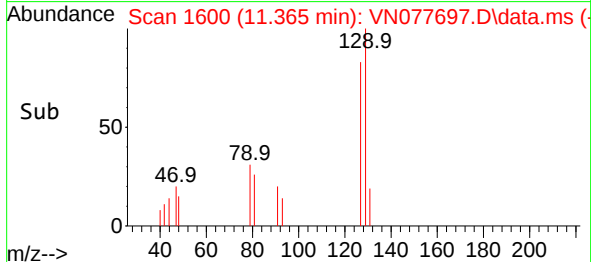
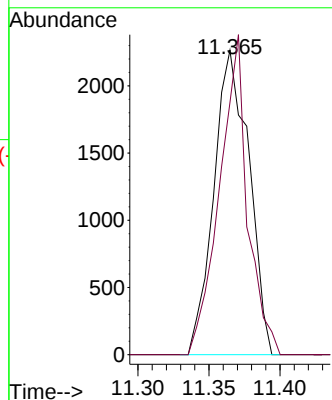
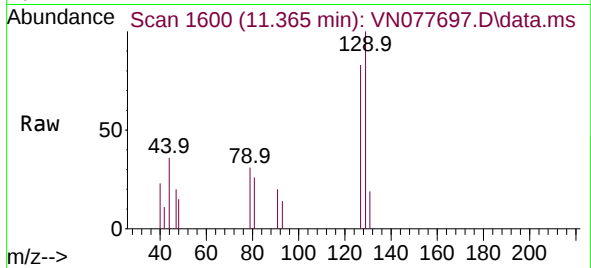




#60
Dibromochloromethane
Concen: 0.816 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

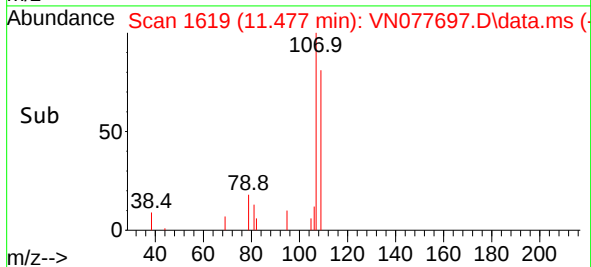
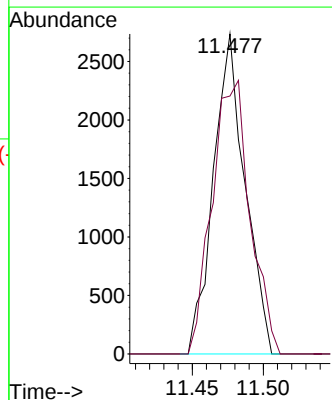
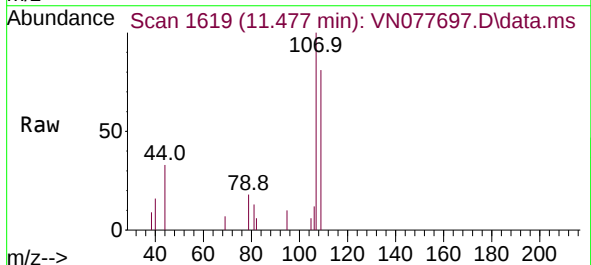
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

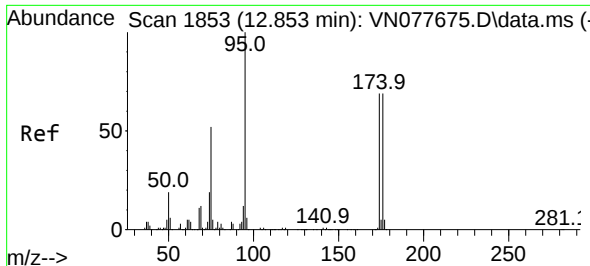
Tgt Ion:129 Resp: 3889
Ion Ratio Lower Upper
129 100
127 83.9 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.922 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:107 Resp: 4247
Ion Ratio Lower Upper
107 100
109 102.4 76.6 114.8

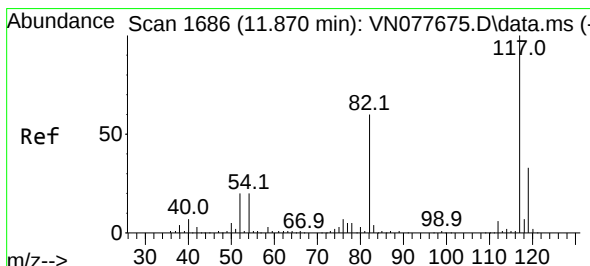
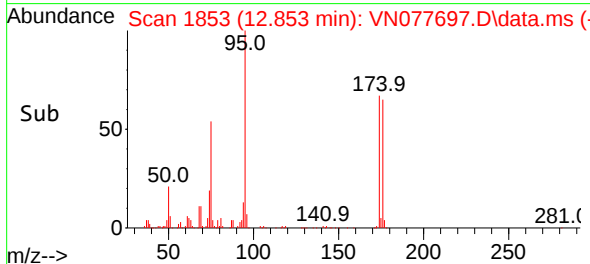
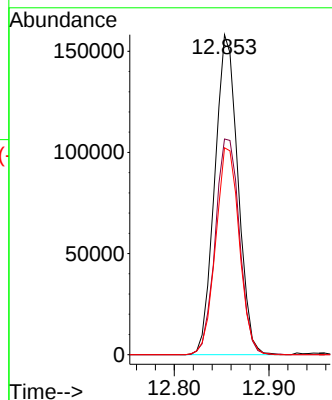
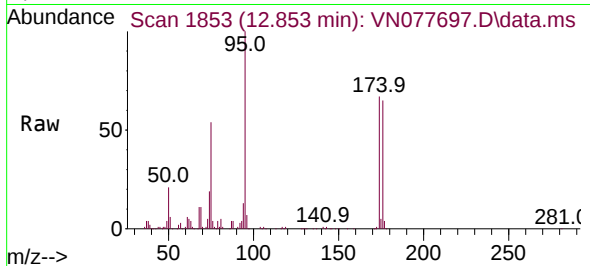




#62
4-Bromofluorobenzene
Concen: 45.711 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

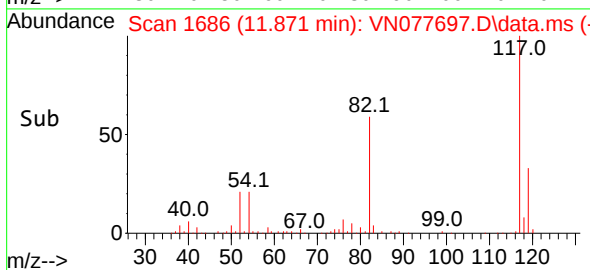
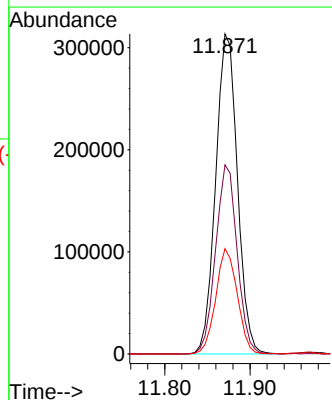
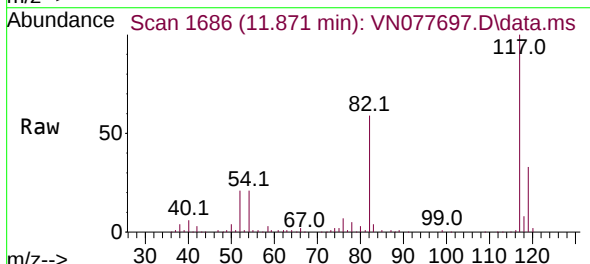
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

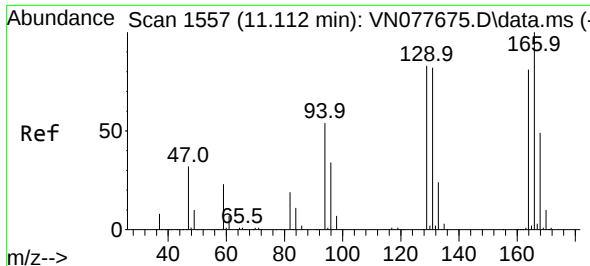
Tgt Ion: 95 Resp: 268799
Ion Ratio Lower Upper
95 100
174 70.5 0.0 143.8
176 66.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 117 Resp: 556278
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 32.9 25.6 38.4

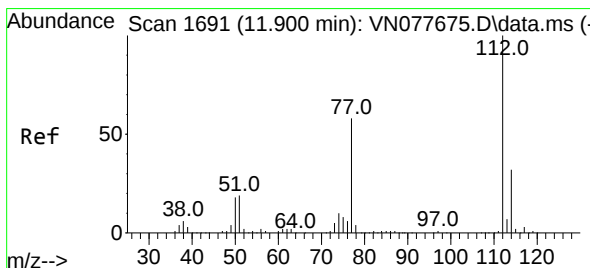
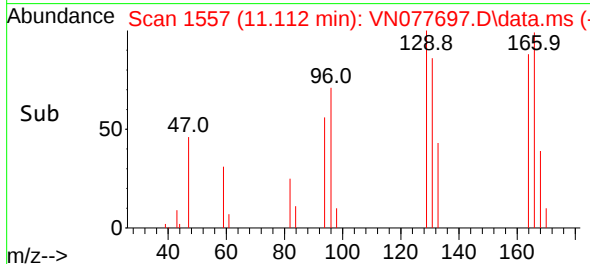
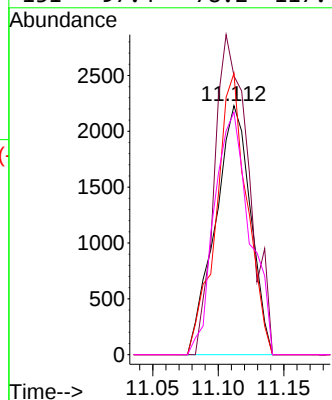
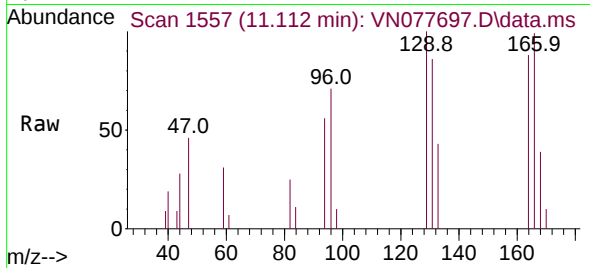




#64
Tetrachloroethene
Concen: 1.076 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

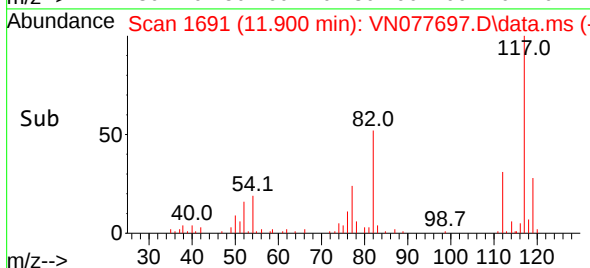
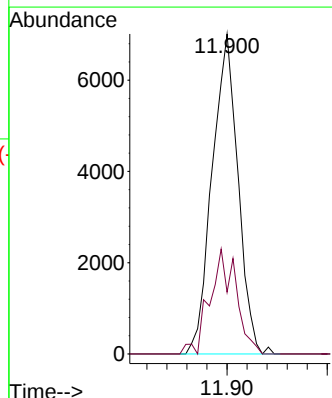
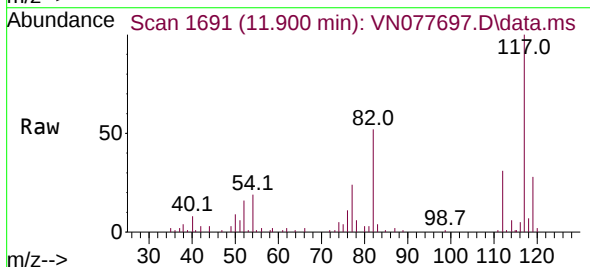
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

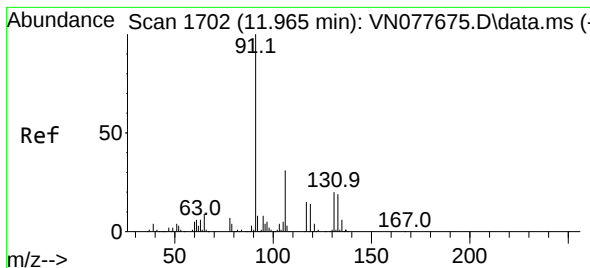
Tgt Ion:164	Resp:	4185
Ion	Ratio	Lower Upper
164	100	
166	112.0	101.4 152.0
129	113.0	82.4 123.6
131	97.4	78.2 117.4



#65
Chlorobenzene
Concen: 1.041 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:112	Resp:	12557
Ion	Ratio	Lower Upper
112	100	
114	19.3	25.0 37.4#

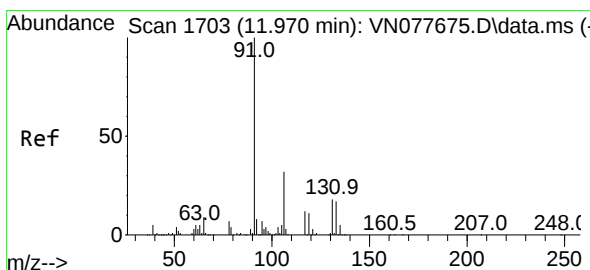
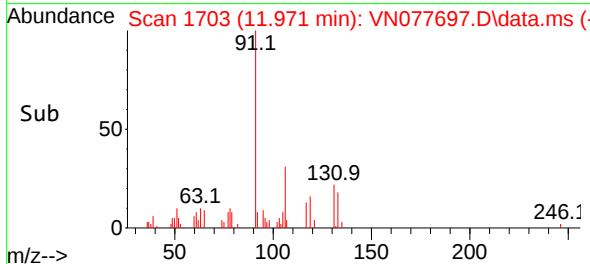
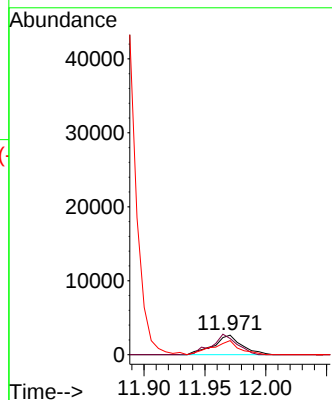
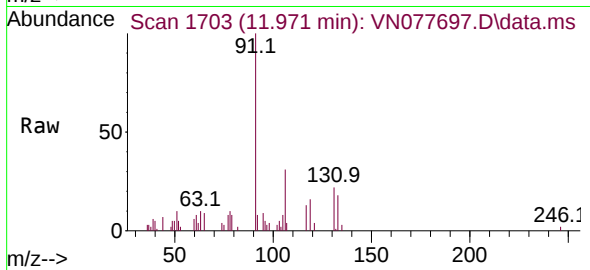




#66
1,1,1,2-Tetrachloroethane
Concen: 1.032 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

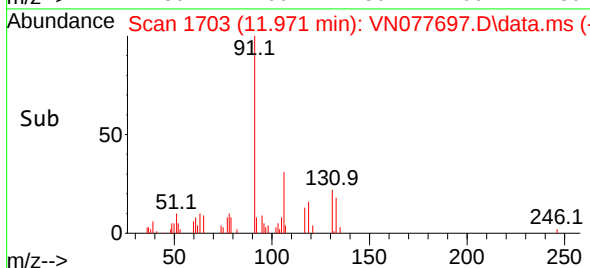
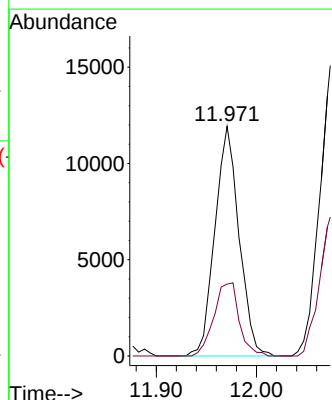
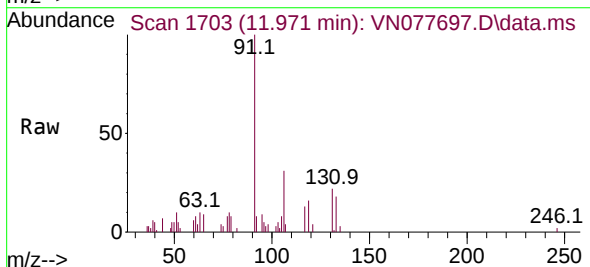
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

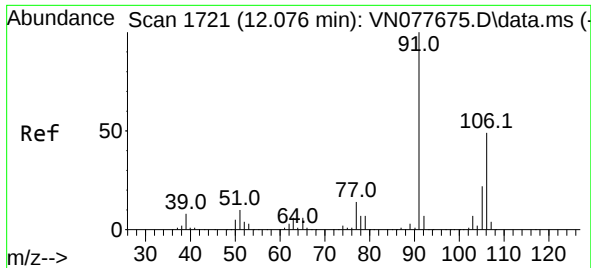
Tgt Ion:131 Resp: 4308
Ion Ratio Lower Upper
131 100
133 90.0 46.4 139.1
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 0.923 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 91 Resp: 19954
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

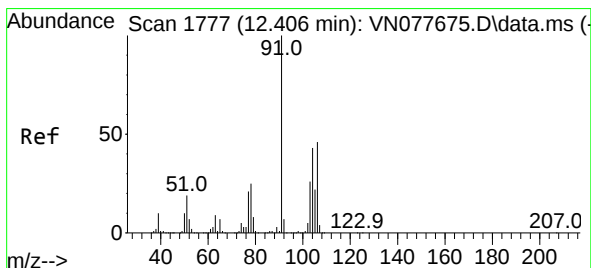
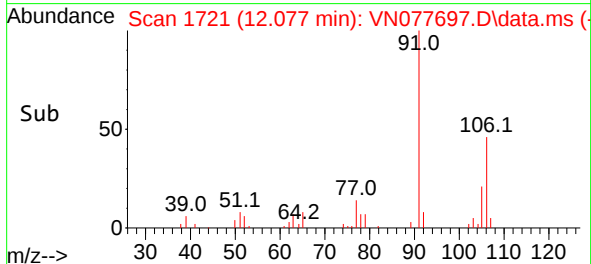
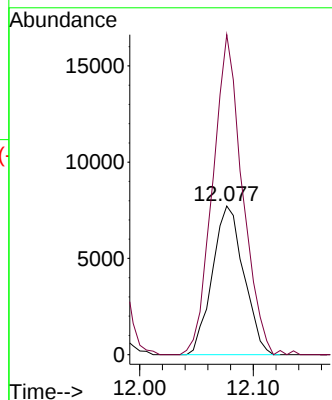
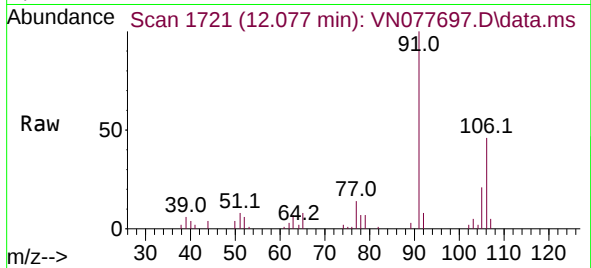




#68
m/p-Xylenes
Concen: 1.810 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

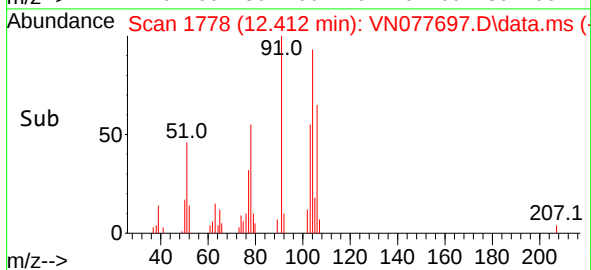
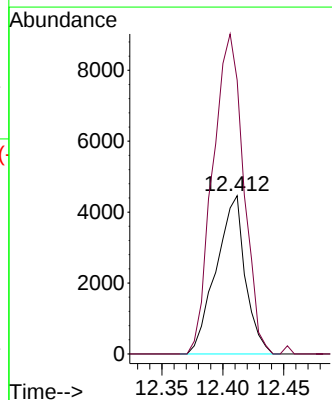
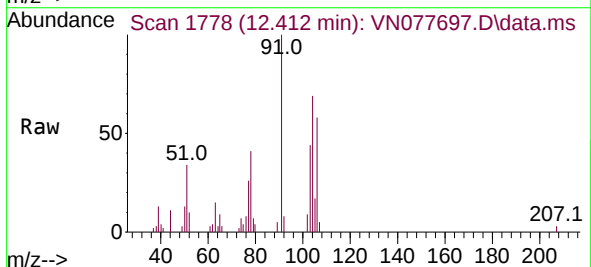
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

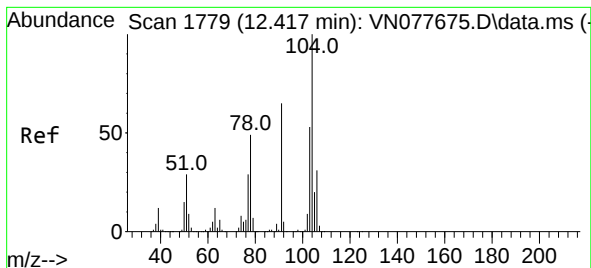
Tgt Ion:106 Resp: 14820
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4



#69
o-Xylene
Concen: 0.923 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:106 Resp: 7434
Ion Ratio Lower Upper
106 100
91 213.9 105.2 315.5





#70

Styrene

Concen: 0.892 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

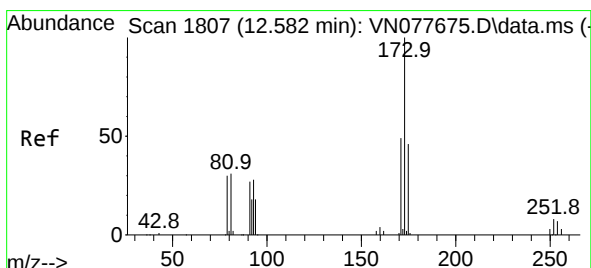
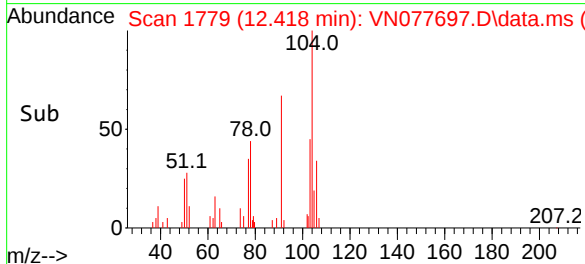
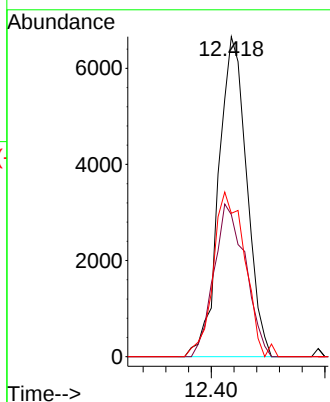
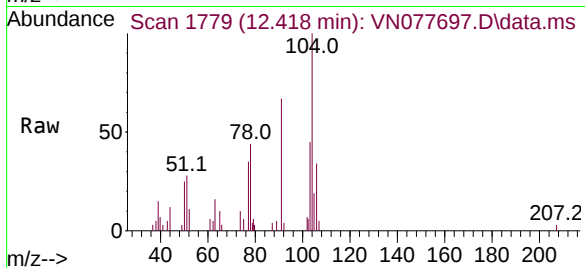
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	104	Resp:	11406
Ion	Ratio	Lower	Upper
104	100		
78	53.7	39.5	59.3
103	58.1	43.2	64.8



#71

Bromoform

Concen: 0.822 ug/l

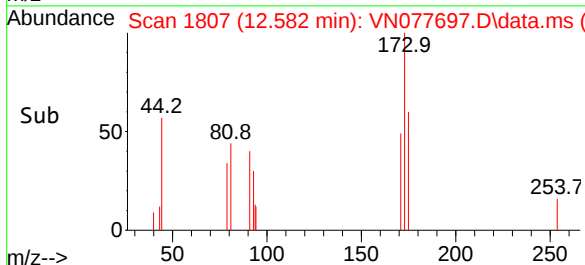
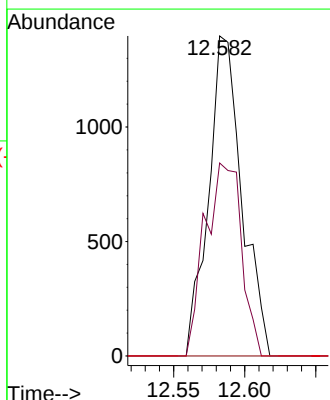
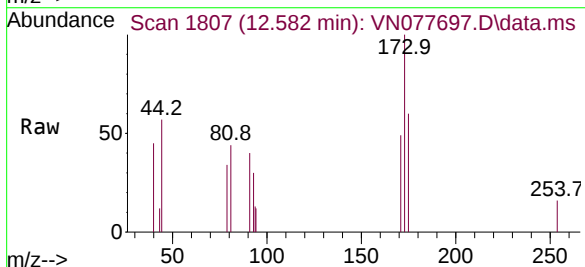
RT: 12.582 min Scan# 1807

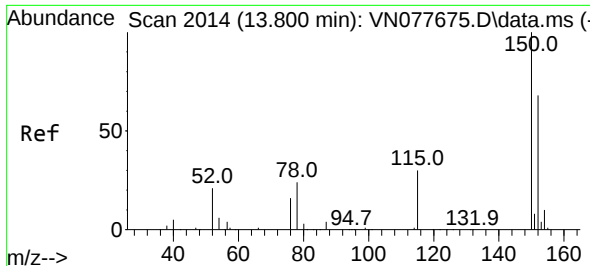
Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Tgt Ion:	173	Resp:	2283
Ion	Ratio	Lower	Upper
173	100		
175	65.9	24.3	73.0
254	0.0	0.0	0.0

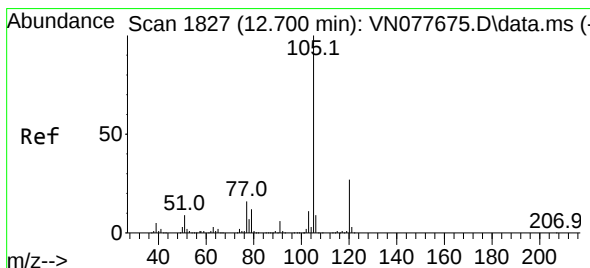
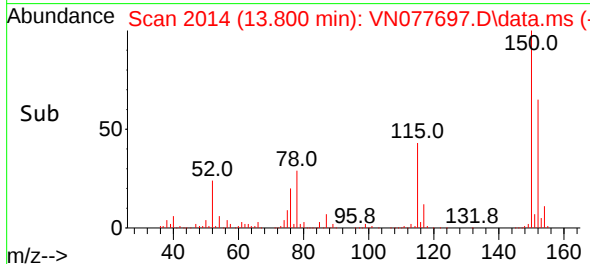
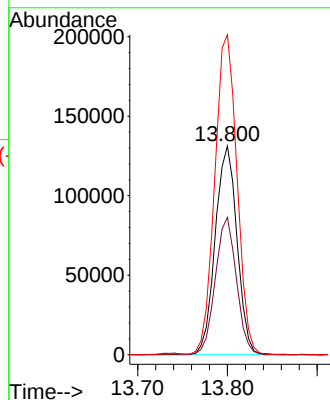
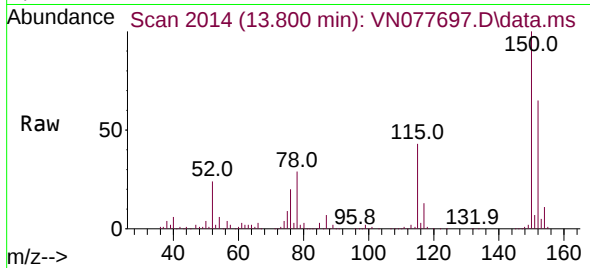




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

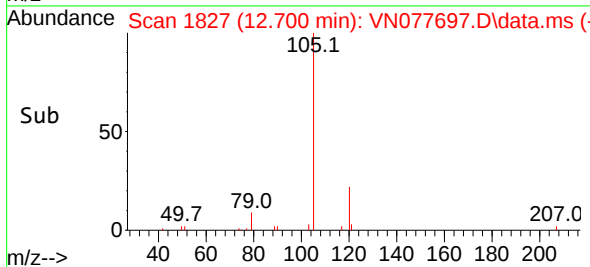
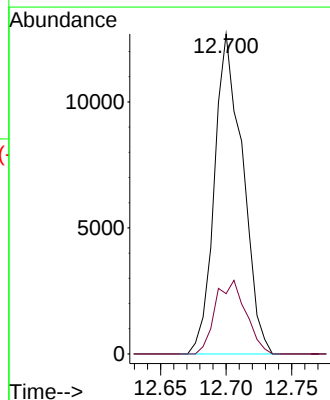
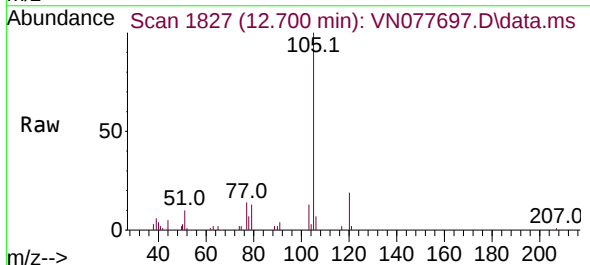
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

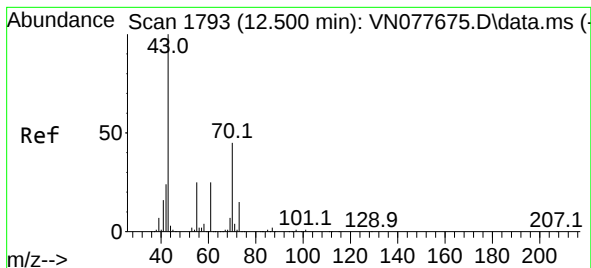
Tgt Ion:152 Resp: 220956
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 156.2 0.0 355.8



#73
Isopropylbenzene
Concen: 0.996 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:105 Resp: 18965
Ion Ratio Lower Upper
105 100
120 24.8 13.1 39.1





#74

N-ethyl acetate

Concen: 0.973 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN077697.D

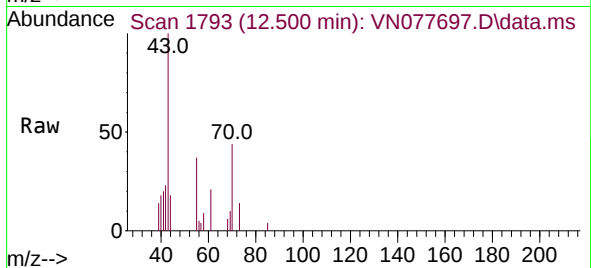
Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 6848

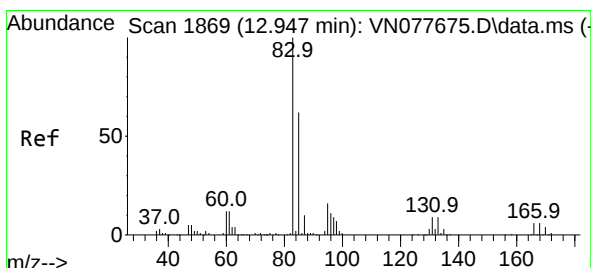
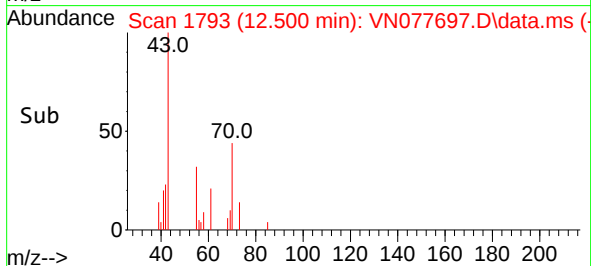
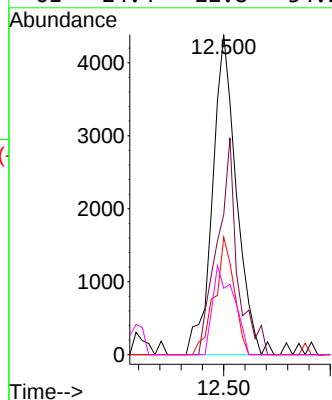
Ion Ratio Lower Upper

43 100

70 56.8 43.4 65.2

55 29.9 21.4 32.0

61 24.4 22.8 34.2



#75

1,1,2,2-Tetrachloroethane

Concen: 1.119 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

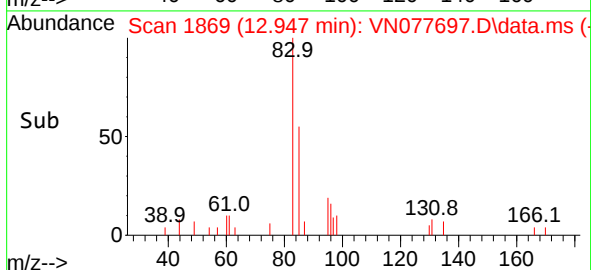
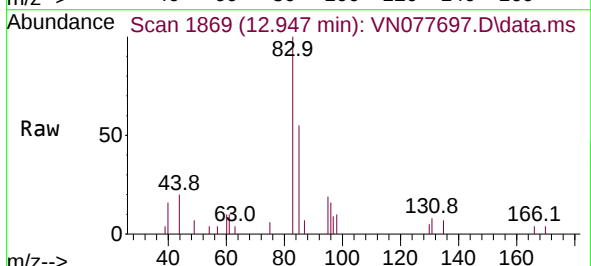
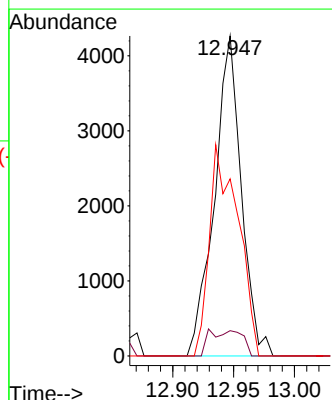
Tgt Ion: 83 Resp: 6556

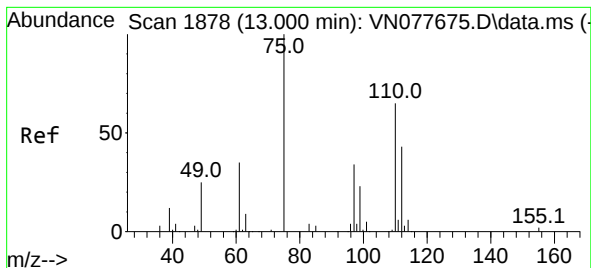
Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 70.4 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 1.497 ug/l

RT: 13.006 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

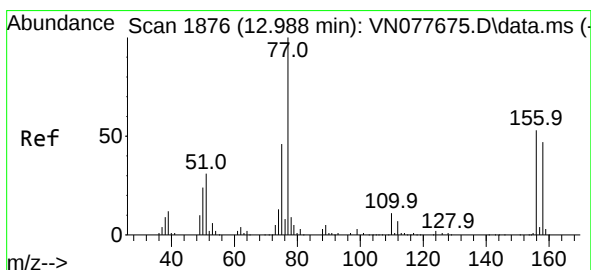
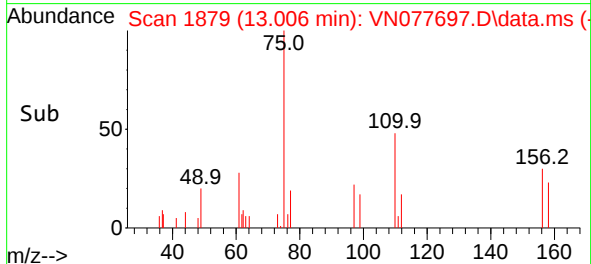
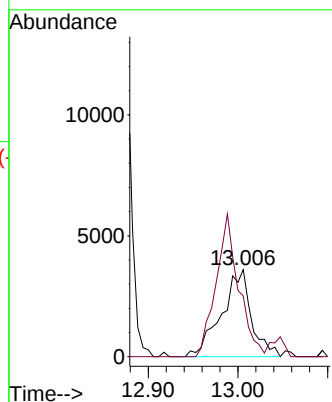
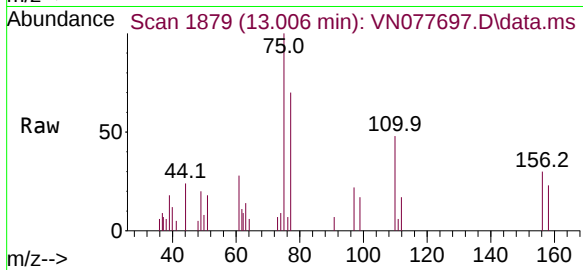
LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 8283

Ion Ratio Lower Upper

75 100

77 125.0 84.5 253.5



#77

Bromobenzene

Concen: 1.136 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

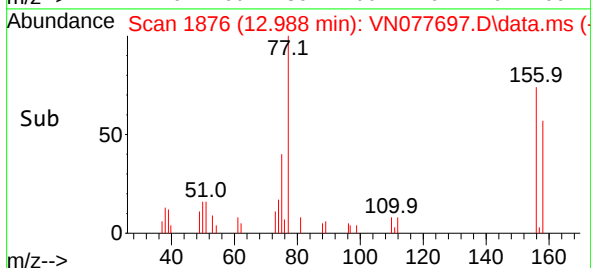
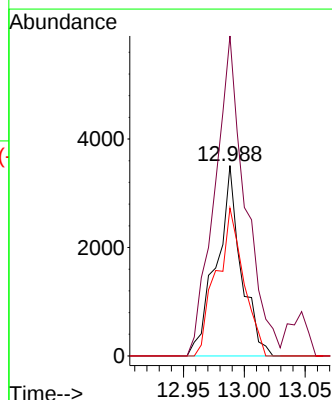
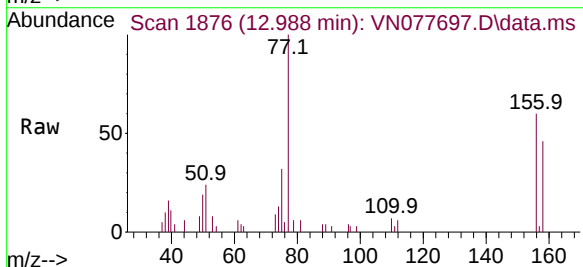
Tgt Ion:156 Resp: 4937

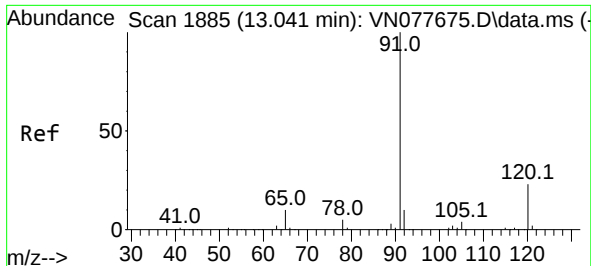
Ion Ratio Lower Upper

156 100

77 209.7 107.7 323.3

158 85.4 48.4 145.3

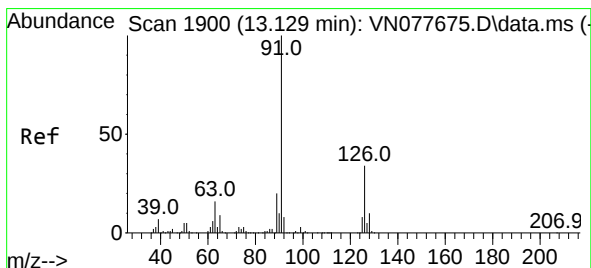
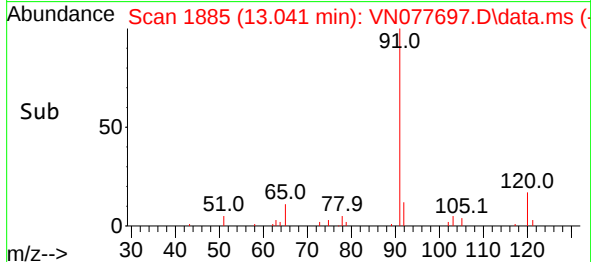
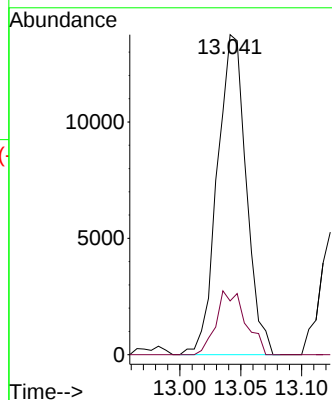
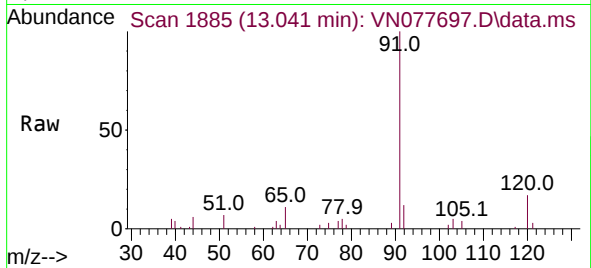




#78
n-propylbenzene
Concen: 1.013 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

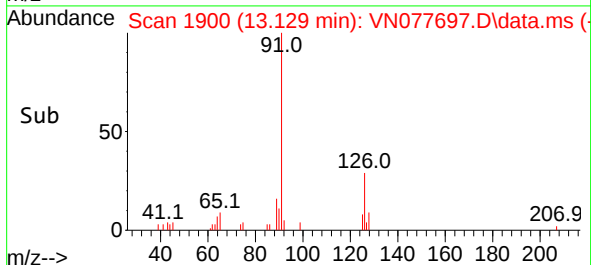
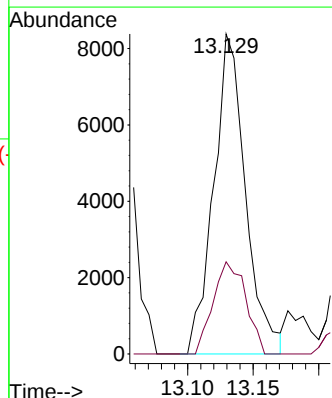
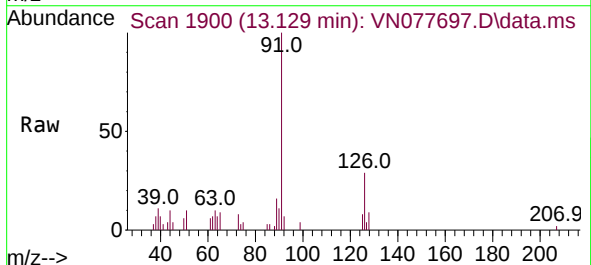
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

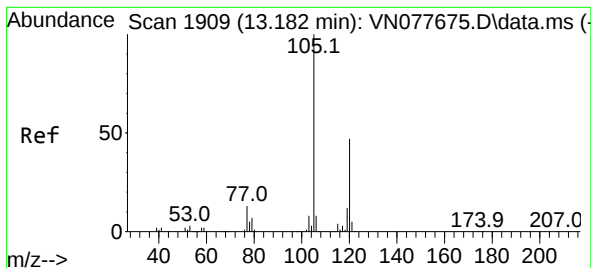
Tgt Ion: 91 Resp: 22746
Ion Ratio Lower Upper
91 100
120 20.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.057 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 91 Resp: 14160
Ion Ratio Lower Upper
91 100
126 29.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.941 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

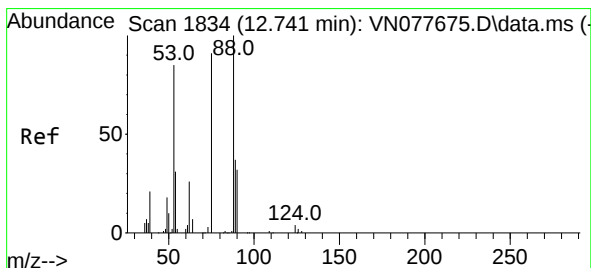
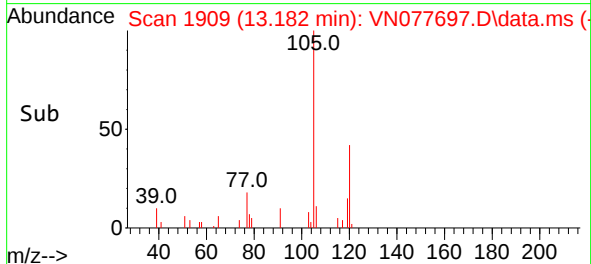
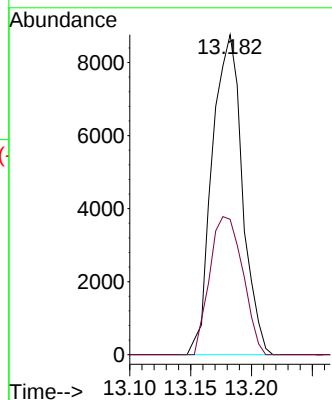
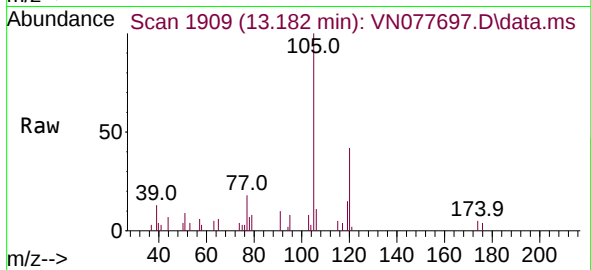
LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 15071

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 85.187 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

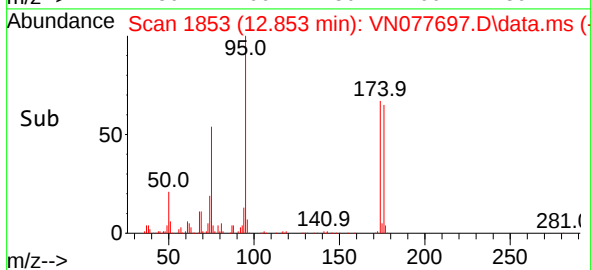
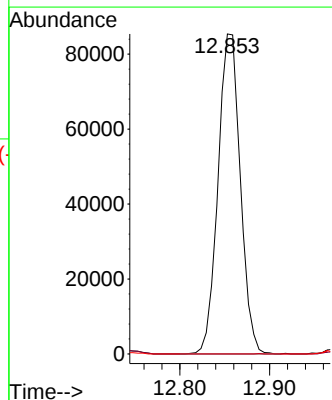
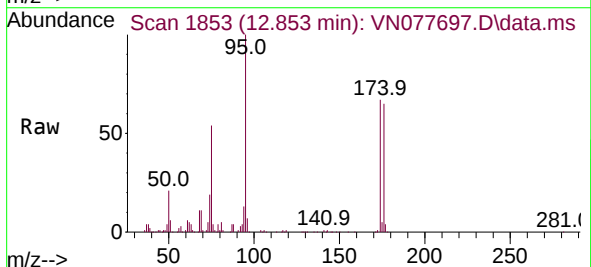
Tgt Ion: 75 Resp: 147469

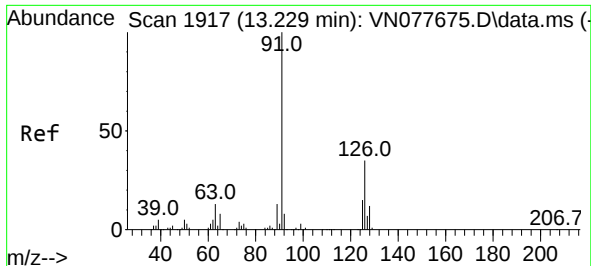
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

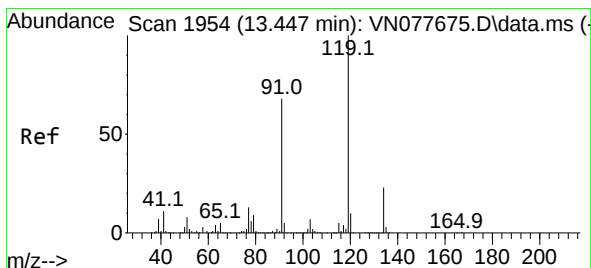
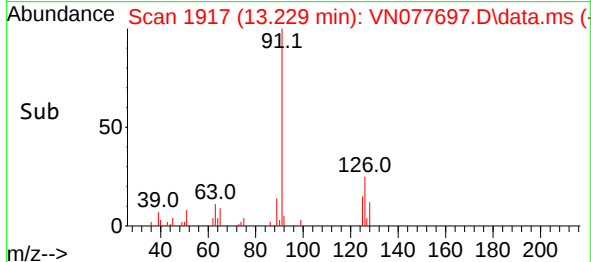
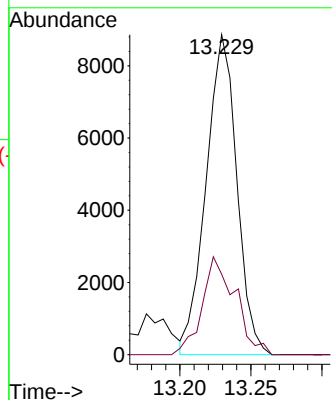
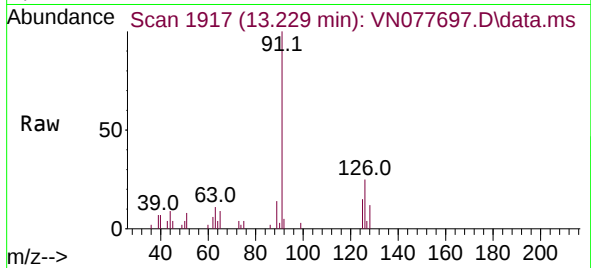




#82
4-Chlorotoluene
Concen: 0.999 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

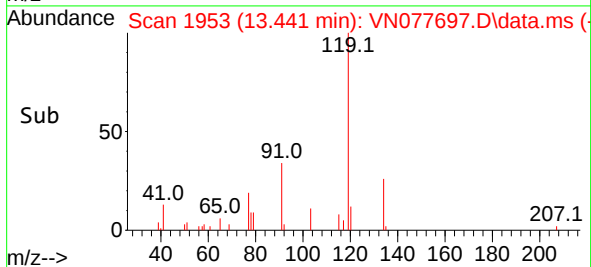
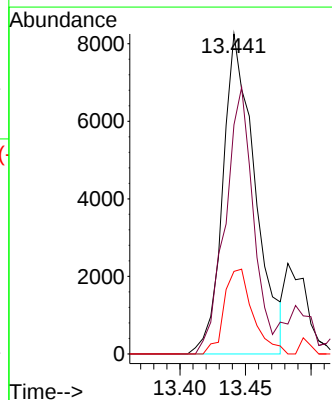
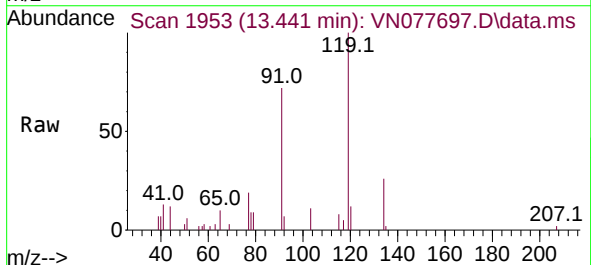
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

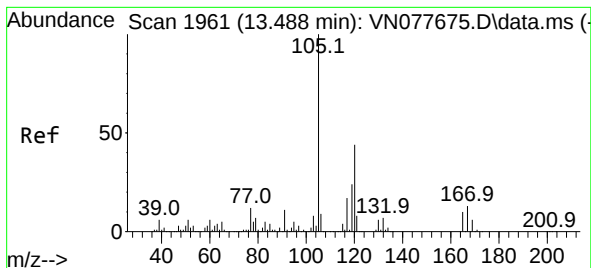
Tgt Ion: 91 Resp: 13321
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 1.010 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 119 Resp: 14115
Ion Ratio Lower Upper
119 100
91 72.3 33.9 101.7
134 23.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.960 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

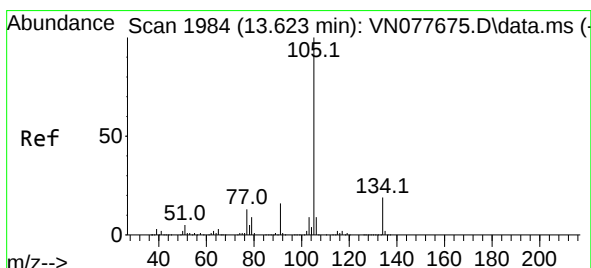
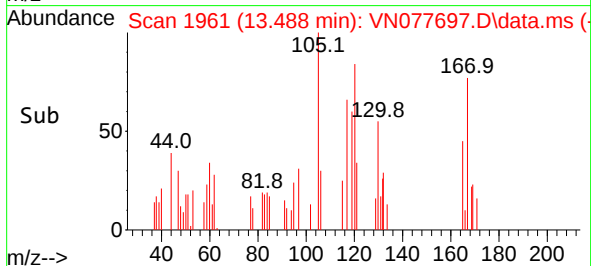
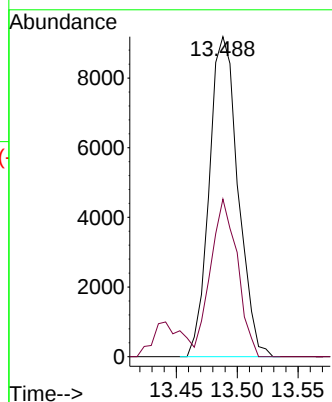
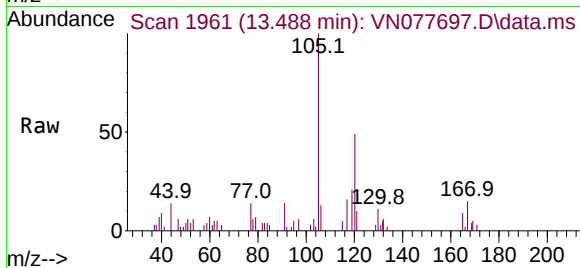
LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 15121

Ion Ratio Lower Upper

105 100

120 45.8 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.923 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077697.D

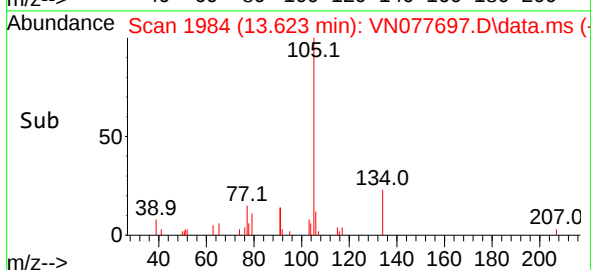
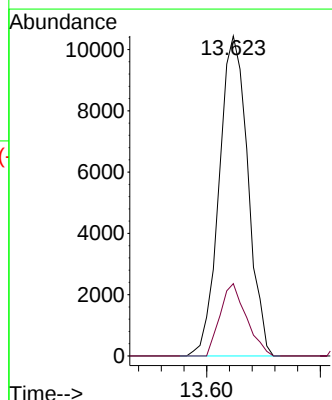
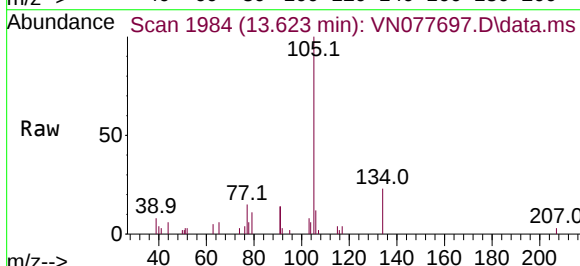
Acq: 16 May 2023 17:02

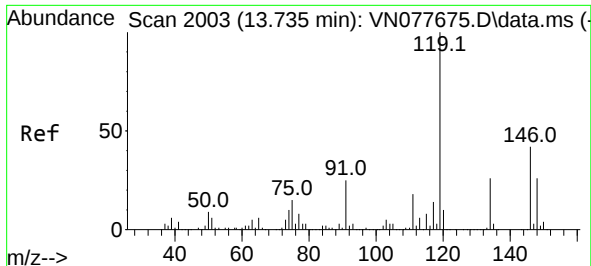
Tgt Ion:105 Resp: 18324

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.3

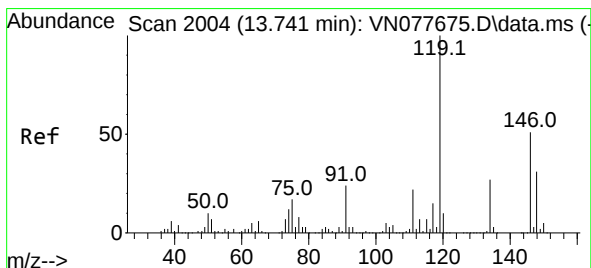
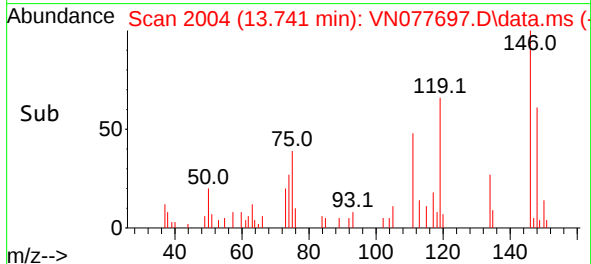
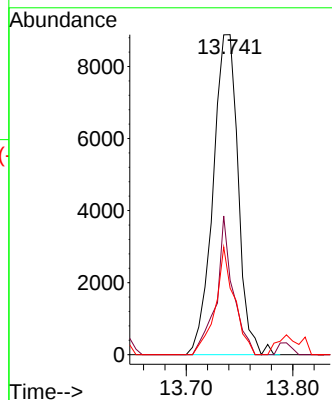
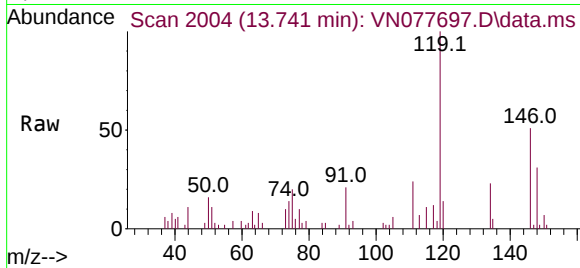




#86
p-Isopropyltoluene
Concen: 0.915 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

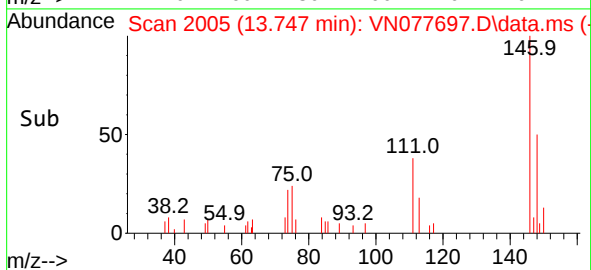
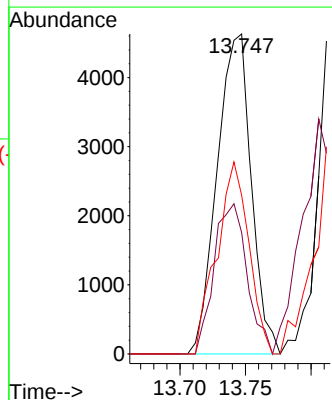
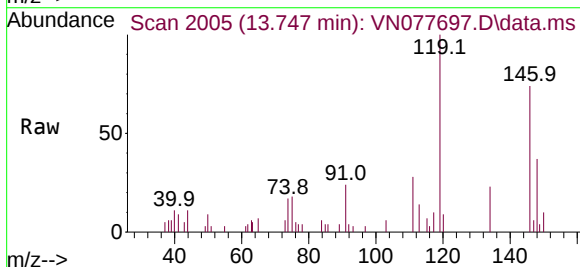
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

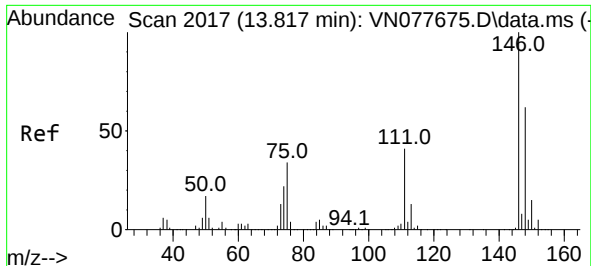
Tgt Ion:119 Resp: 14494
Ion Ratio Lower Upper
119 100
134 29.0 12.6 37.8
91 25.5 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 1.043 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:146 Resp: 8385
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.3
148 56.4 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 1.051 ug/l

RT: 13.747 min Scan# 2017

Delta R.T. -0.070 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

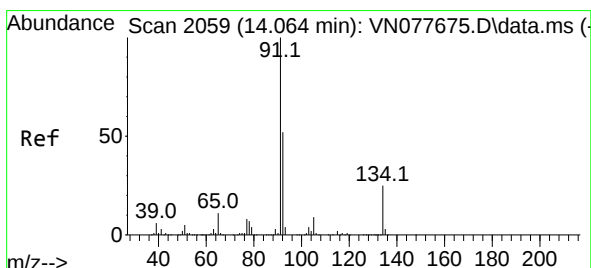
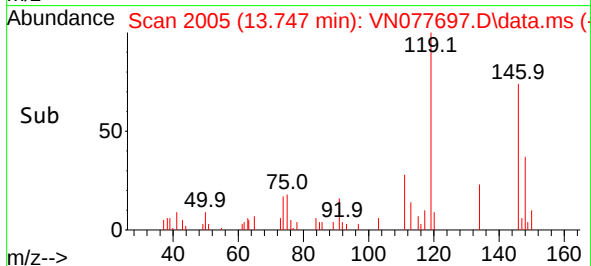
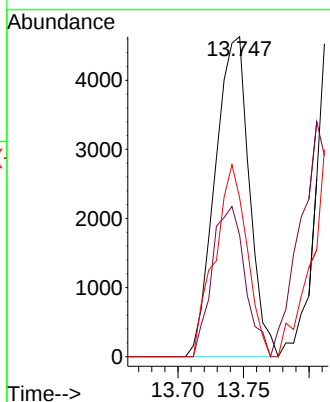
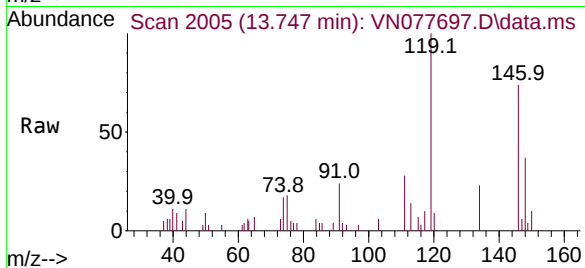
Tgt Ion:146 Resp: 8385

Ion Ratio Lower Upper

146 100

111 45.5 20.6 61.8

148 56.4 31.6 94.8



#89

n-Butylbenzene

Concen: 0.813 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.005 min

Lab File: VN077697.D

Acq: 16 May 2023 17:02

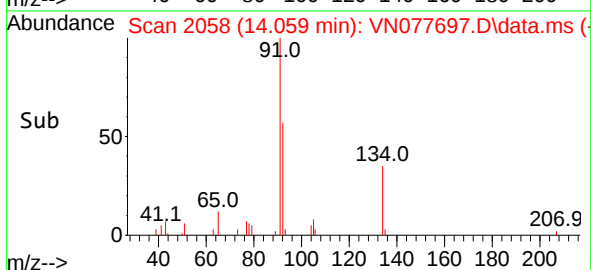
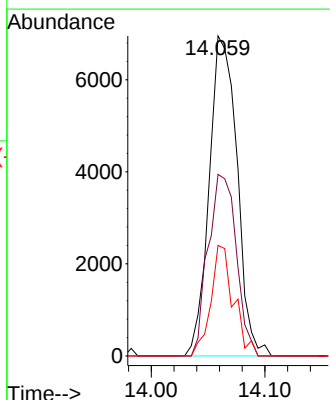
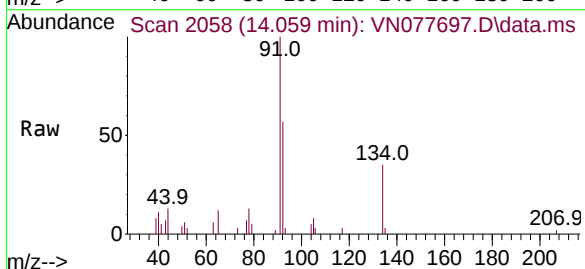
Tgt Ion: 91 Resp: 11845

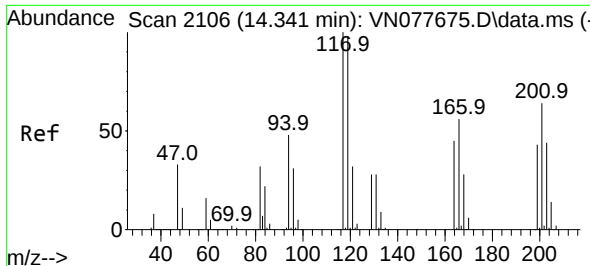
Ion Ratio Lower Upper

91 100

92 57.4 26.4 79.0

134 28.3 12.6 37.6

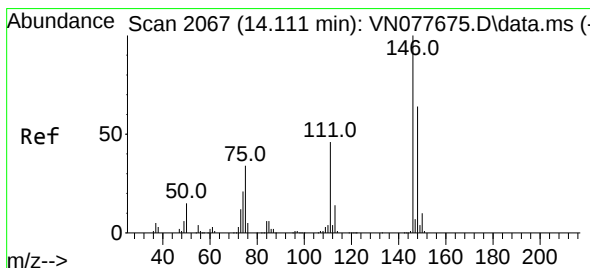
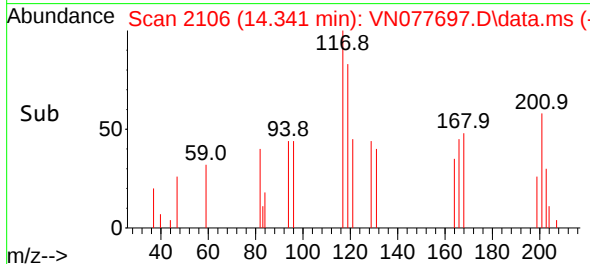
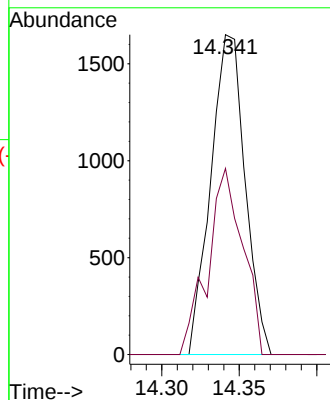
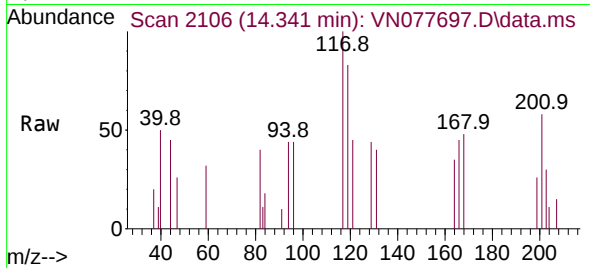




#90
Hexachloroethane
Concen: 0.978 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

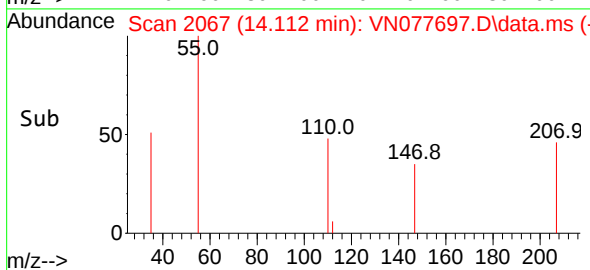
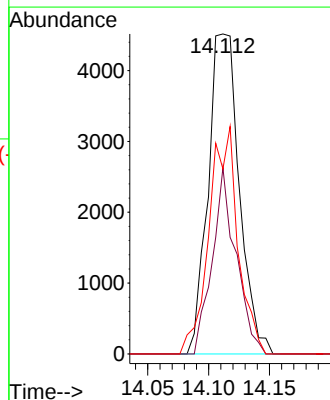
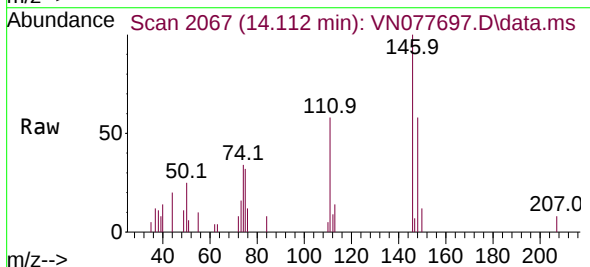
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

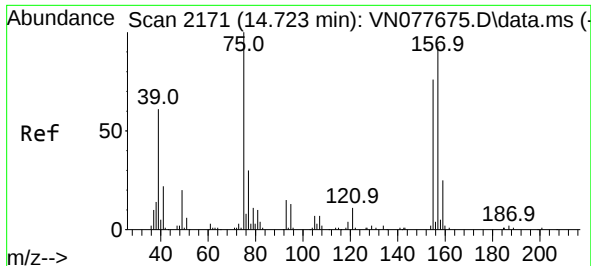
Tgt Ion:117 Resp: 2544
Ion Ratio Lower Upper
117 100
201 59.4 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 1.074 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:146 Resp: 8067
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 65.4 31.8 95.3

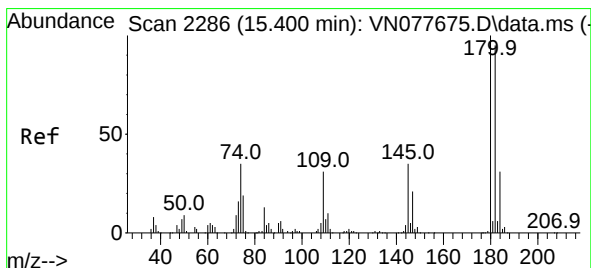
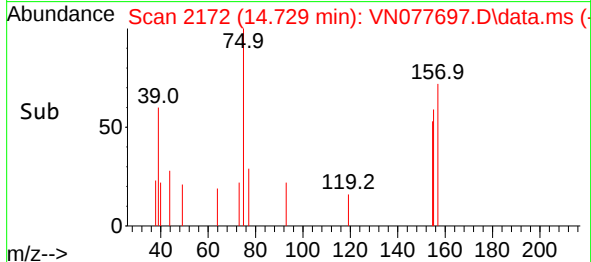
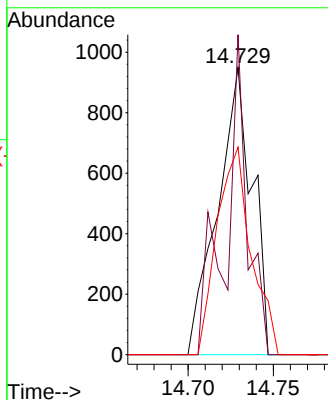
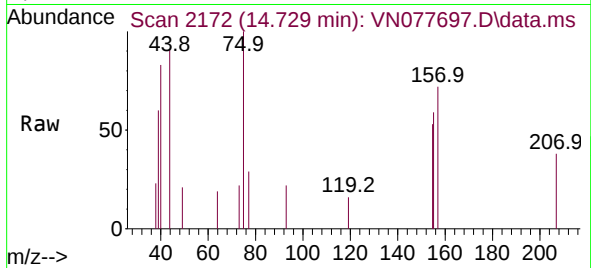




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.182 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

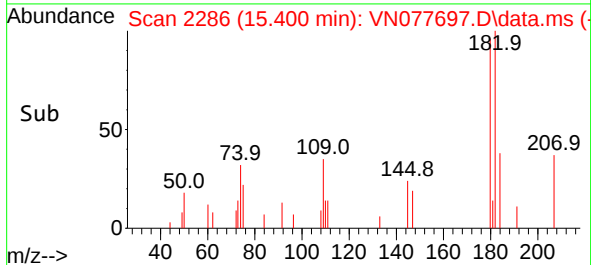
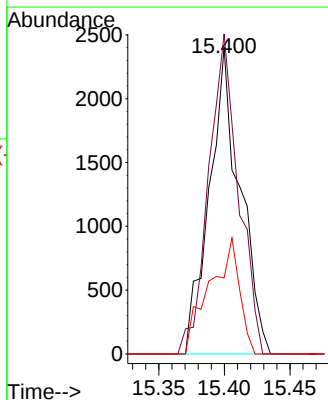
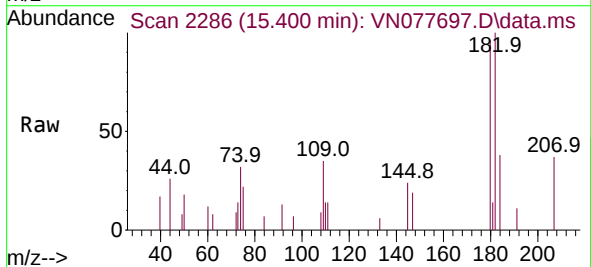
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

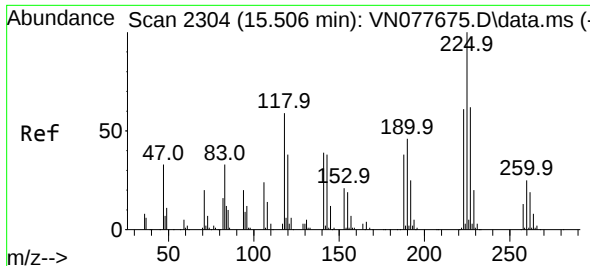
Tgt Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
155 69.5 39.1 117.2
157 71.4 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 0.891 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion: 180 Resp: 3910
Ion Ratio Lower Upper
180 100
182 101.4 46.1 138.2
145 36.8 16.6 49.8

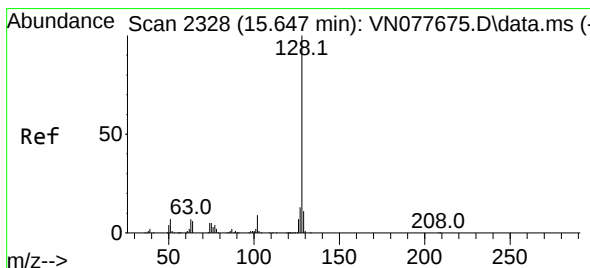
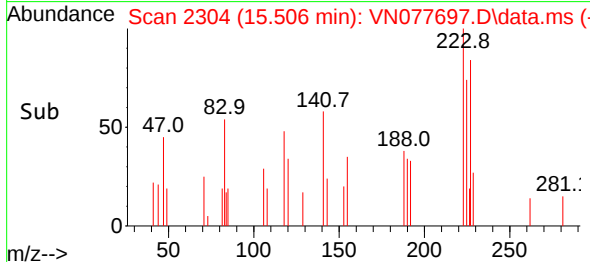
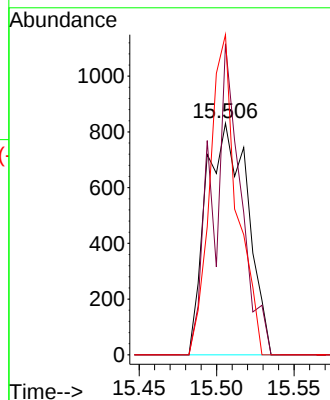
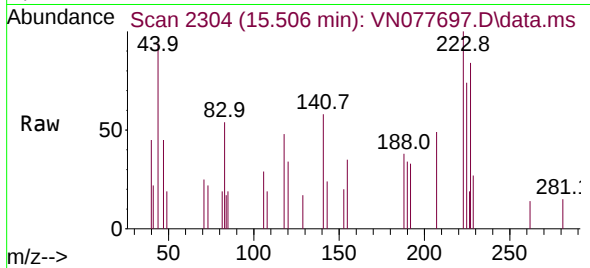




#94
Hexachlorobutadiene
Concen: 0.853 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

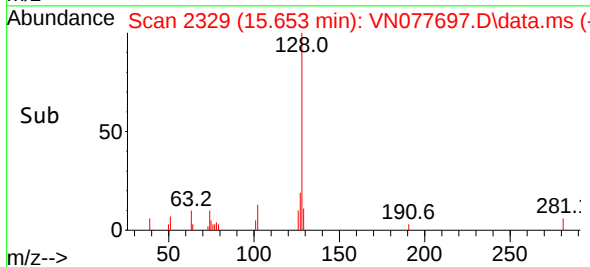
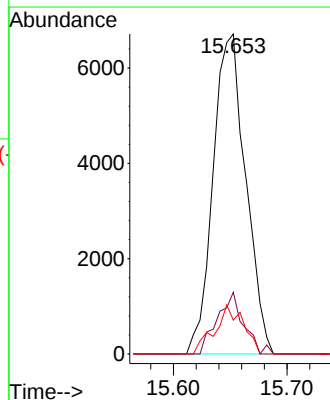
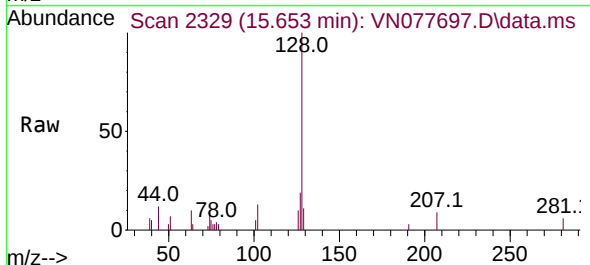
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

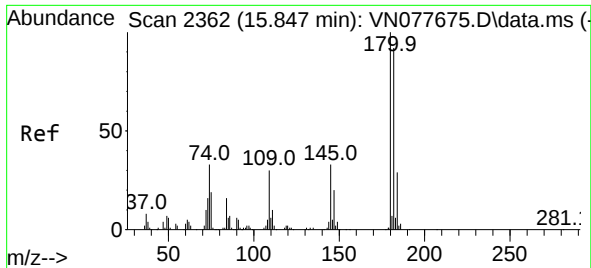
Tgt Ion:	225	Resp:	1554
Ion	Ratio	Lower	Upper
225	100		
223	90.5	31.3	93.8
227	90.3	31.9	95.9



#95
Naphthalene
Concen: 0.886 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077697.D
Acq: 16 May 2023 17:02

Tgt Ion:	128	Resp:	13386
Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.0	15.0#
129	13.5	8.7	13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.902 ug/l

RT: 15.853 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077697.D

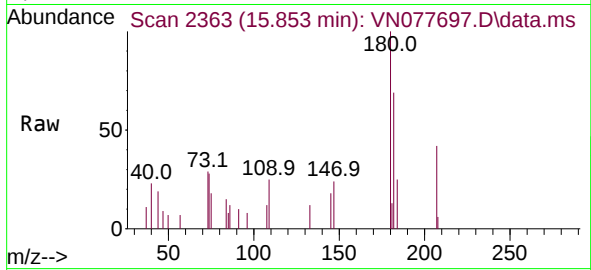
Acq: 16 May 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:180 Resp: 3875

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

145 33.2 17.5 52.6

