

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077280.D
 Acq On : 07 Apr 2023 16:55
 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: Apr 08 05:21:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	50212	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	394790	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	414735	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.578	65	131869	30.966	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.233%	
60) 4-Bromofluorobenzene	12.854	95	200398	27.944	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.133%	
63) Toluene-d8	10.571	98	448209	30.742	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	22555	4.725	ug/l	92
3) Chloromethane	2.372	50	34126	5.381	ug/l	95
4) Vinyl Chloride	2.519	62	49108	5.406	ug/l	94
5) Bromomethane	2.954	94	38988	5.696	ug/l	99
6) Chloroethane	3.125	64	42196	6.930	ug/l	95
7) Trichlorofluoromethane	3.507	101	43950	5.196	ug/l	99
8) Diethyl Ether	3.972	74	19706	5.466	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	25190	4.763	ug/l	50
10) 1,1-Dichloroethene	4.354	96	28594	5.404	ug/l	95
11) Methyl Iodide	4.595	142	26923	4.504	ug/l #	94
12) Methyl Acetate	5.037	43	39106	4.961	ug/l #	87
13) Acrolein	4.260	56	220	0.225	ug/l	97
14) Acrylonitrile	5.725	53	64674	24.002	ug/l	90
15) Acetone	4.437	58	22347	22.861	ug/l	71
16) Carbon Disulfide	4.725	76	72112	5.164	ug/l #	94
17) Allyl chloride	5.025	41	21701	3.186	ug/l	98
18) Methylene Chloride	5.284	84	34441	5.605	ug/l	98
19) trans-1,2-Dichloroethene	5.795	96	30692	5.335	ug/l	89
20) Diisopropyl ether	6.678	45	81002	4.990	ug/l	99
21) 1,1-Dichloroethane	6.572	63	53304	5.181	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	34419	4.908	ug/l	97
23) tert-Butyl Alcohol	5.537	59	29538	24.654	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	95353	5.006	ug/l	97
25) Chloroform	7.972	83	56761	5.090	ug/l	99
26) Cyclohexane	8.260	56	45345	5.072	ug/l #	96
29) 1,1-Dichloropropene	8.372	75	40478	4.733	ug/l	97
30) 2-Butanone	7.489	43	90971	22.494	ug/l	97
31) 2,2-Dichloropropane	7.489	77	51099	4.867	ug/l #	72
32) 1,1,1-Trichloroethane	8.172	97	48168	4.577	ug/l	95
33) Carbon Tetrachloride	8.360	117	43720	4.867	ug/l	93
34) Benzene	8.613	78	132902	5.022	ug/l	95
35) Methacrylonitrile	7.789	41	18918	4.966	ug/l	93
36) 1,2-Dichloroethane	8.677	62	41839	5.043	ug/l	95
37) Trichloroethene	9.354	130	31662	4.892	ug/l	100
38) Methylcyclohexane	9.607	83	55805	4.811	ug/l	98
39) 1,2-Dichloropropane	9.624	63	33377	5.081	ug/l	92
40) Dibromomethane	9.707	93	22241	4.699	ug/l	95
41) Bromodichloromethane	9.889	83	46198	4.895	ug/l #	84
42) Vinyl Acetate	6.613	43	279135	23.848	ug/l #	100

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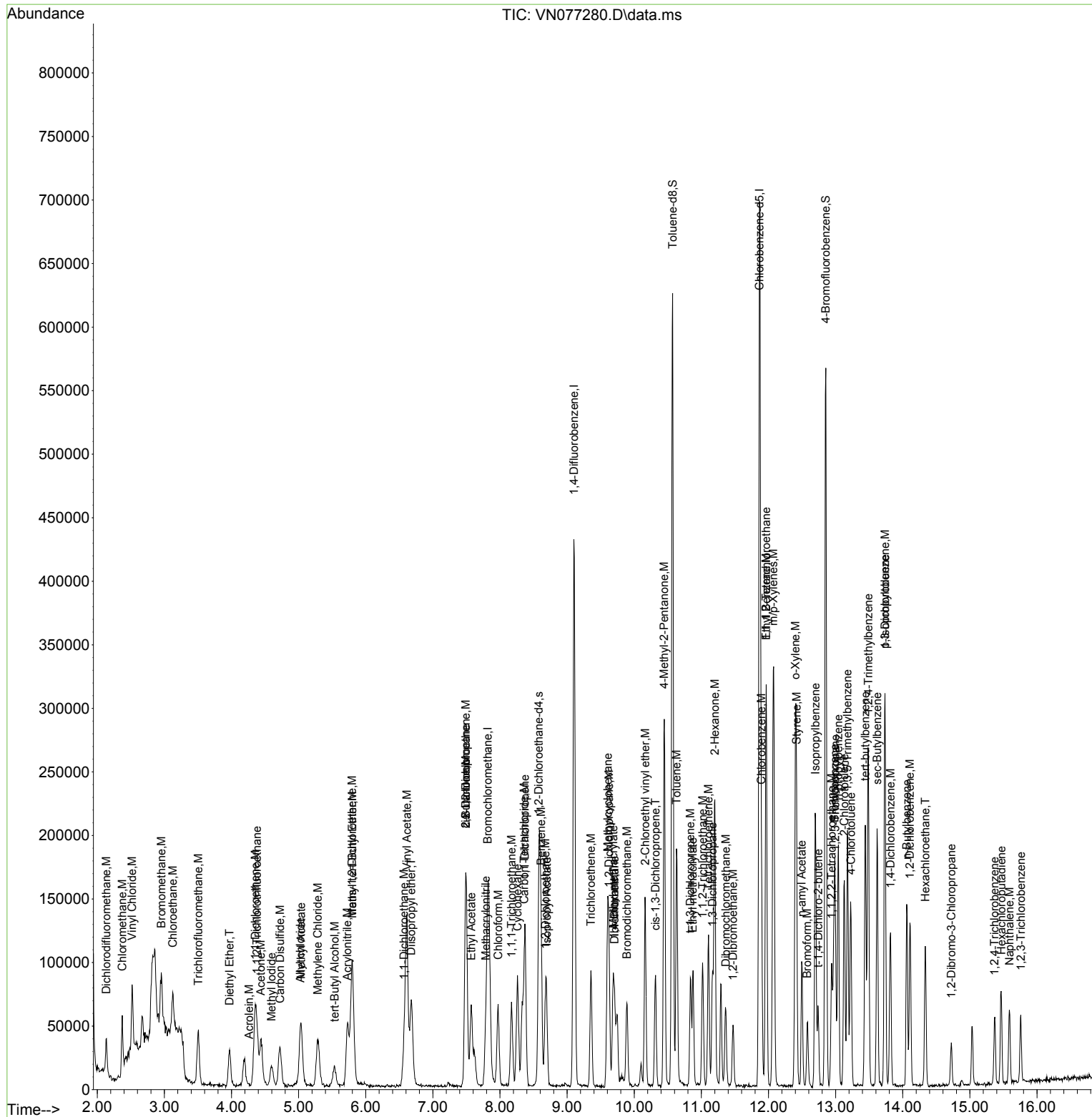
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	38200	5.105	ug/l #	91
44) Isopropyl Acetate	8.695	43	63169	4.715	ug/l #	100
45) 1,4-Dioxane	9.701	88	13461	95.272	ug/l	98
46) Methyl methacrylate	9.689	41	26346	4.568	ug/l	91
47) n-amyl Acetate	12.495	43	51661	4.413	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	47939	4.539	ug/l	99
49) cis-1,3-Dichloropropene	10.319	75	54405	4.842	ug/l	100
50) 1,1,2-Trichloroethane	11.019	97	31497	4.581	ug/l	93
51) Ethyl methacrylate	10.871	69	49912	4.728	ug/l	96
52) 1,3-Dichloropropane	11.166	76	52576	4.582	ug/l	98
53) Dibromochloromethane	11.366	129	34232	4.724	ug/l	98
54) 1,2-Dibromoethane	11.471	107	32502	4.709	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	65515	20.099	ug/l	97
56) Bromoform	12.577	173	20823	4.278	ug/l	98
58) 4-Methyl-2-Pentanone	10.442	43	188261	24.244	ug/l	99
59) 2-Hexanone	11.201	43	137819	22.961	ug/l	100
61) Tetrachloroethene	11.107	164	25133	5.095	ug/l	92
62) Toluene	10.630	91	145384	5.024	ug/l	99
64) Chlorobenzene	11.895	112	85266	4.850	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	30523	4.721	ug/l	95
66) Ethyl Benzene	11.966	91	157318	4.907	ug/l	97
67) m/p-Xylenes	12.071	106	120746	9.609	ug/l	99
68) o-Xylene	12.401	106	60209	4.789	ug/l	95
69) Styrene	12.418	104	93105	4.623	ug/l	97
70) Isopropylbenzene	12.701	105	152595	4.783	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	45585	4.666	ug/l	94
72) 1,2,3-Trichloropropane	12.995	75	56131	8.452	ug/l	38
73) Bromobenzene	12.983	156	31447	4.852	ug/l	92
74) n-propylbenzene	13.042	91	156659	4.438	ug/l	98
75) 2-Chlorotoluene	13.130	91	99191	4.691	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	114238	4.399	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	16071	4.751	ug/l	89
78) 4-Chlorotoluene	13.230	91	89047	4.457	ug/l	96
79) tert-butylbenzene	13.442	119	104650	4.631	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	106428	4.205	ug/l	100
81) sec-Butylbenzene	13.618	105	139981	4.337	ug/l	98
82) p-Isopropyltoluene	13.736	119	111161	4.299	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	52758	4.293	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	51584	4.326	ug/l	96
85) n-Butylbenzene	14.059	91	83887	3.926	ug/l	98
86) Hexachloroethane	14.336	117	24172	4.395	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	53296	4.426	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	8013	4.280	ug/l	97
89) 1,2,4-Trichlorobenzene	15.365	180	14919	3.150	ug/l	98
90) Hexachlorobutadiene	15.471	225	11376	4.683	ug/l	97
91) Naphthalene	15.589	128	48407	2.675	ug/l	99
92) 1,2,3-Trichlorobenzene	15.759	180	16222	3.510	ug/l	84

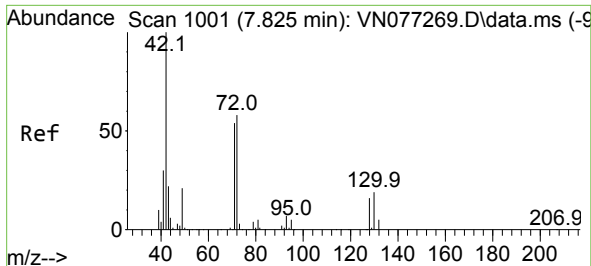
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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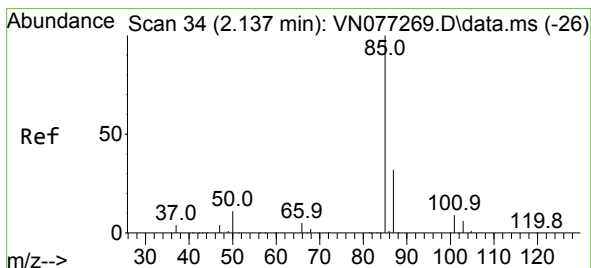
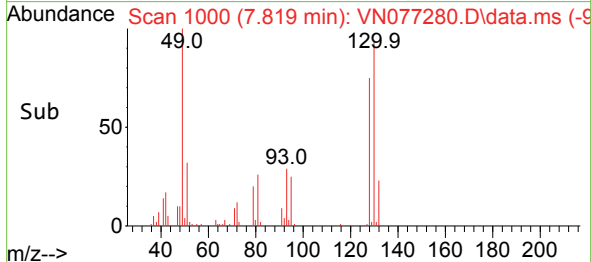
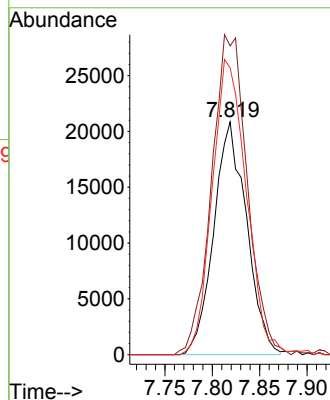
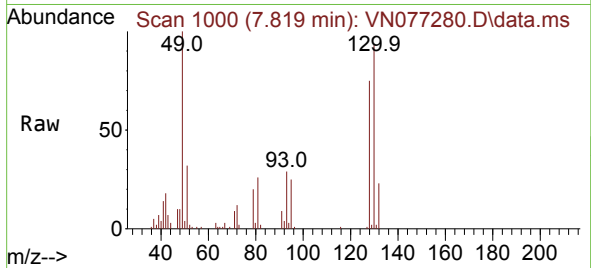




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077280.D
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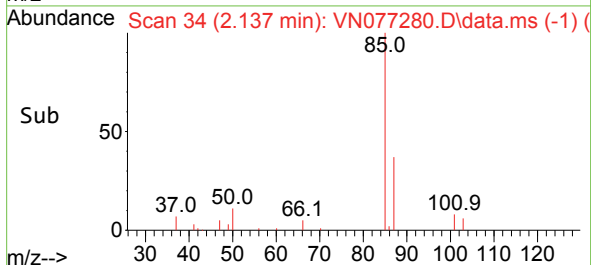
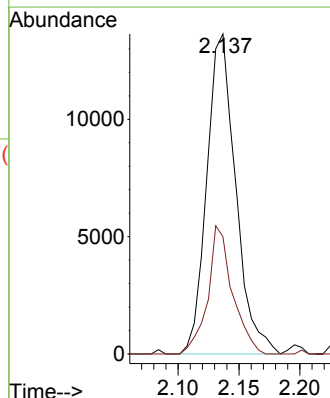
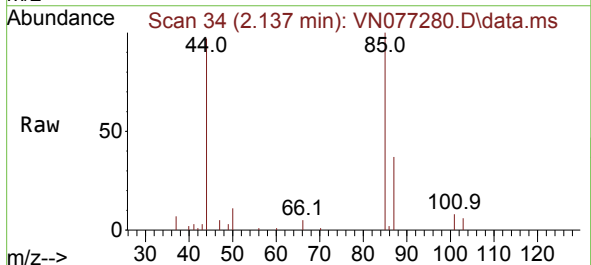
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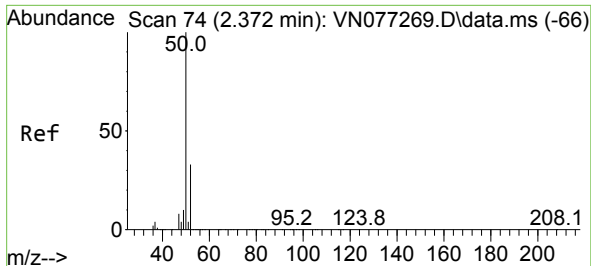
Tgt Ion:128 Resp: 50212
Ion Ratio Lower Upper
128 100
49 150.0 0.0 379.5
130 132.2 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 4.725 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 85 Resp: 22555
Ion Ratio Lower Upper
85 100
87 36.7 16.2 48.6

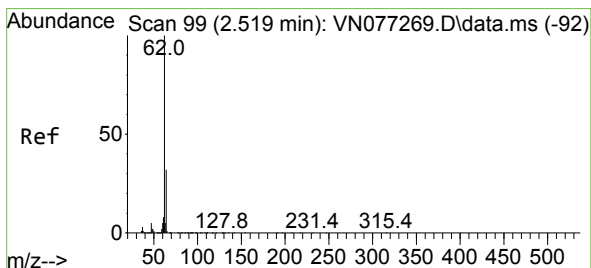
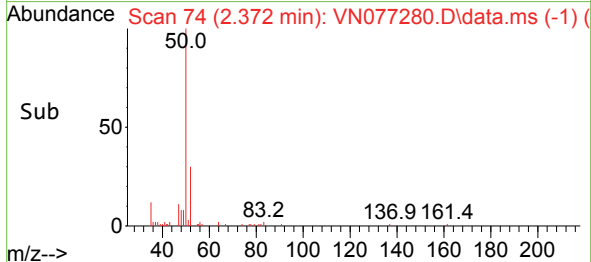
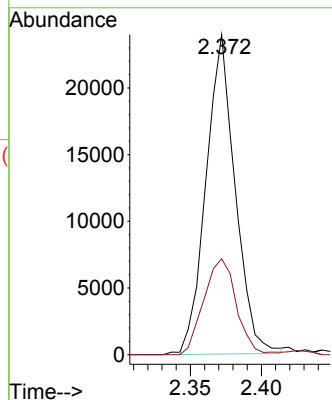
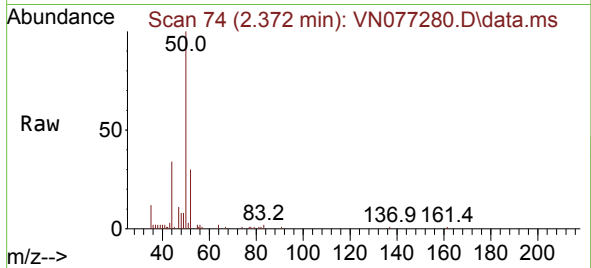




#3
Chloromethane
Concen: 5.381 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

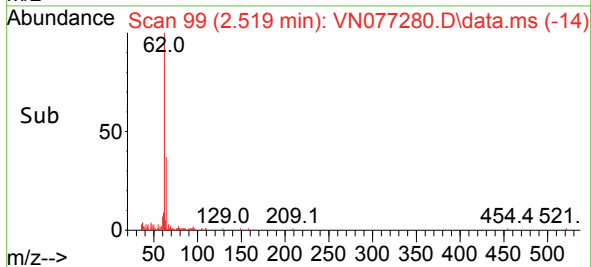
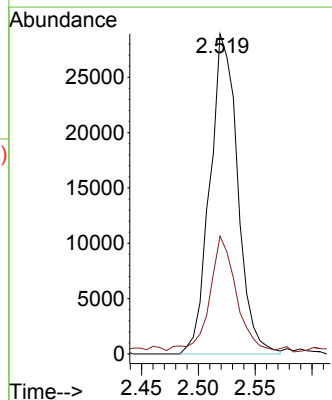
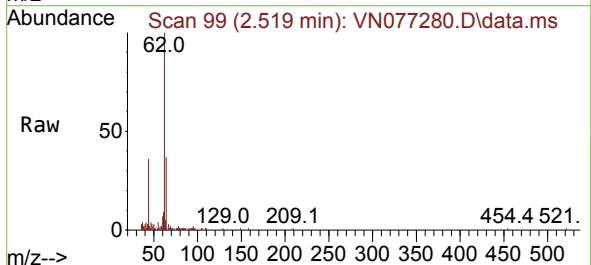
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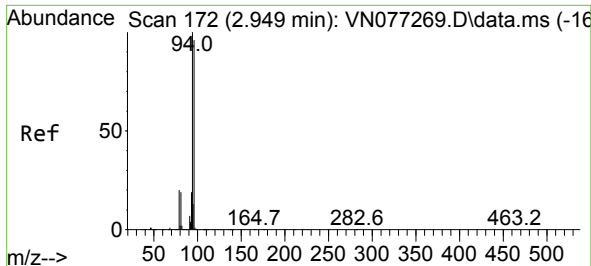
Tgt Ion: 50 Resp: 34126
Ion Ratio Lower Upper
50 100
52 30.2 26.4 39.6



#4
Vinyl Chloride
Concen: 5.406 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 62 Resp: 49108
Ion Ratio Lower Upper
62 100
64 35.1 25.4 38.0

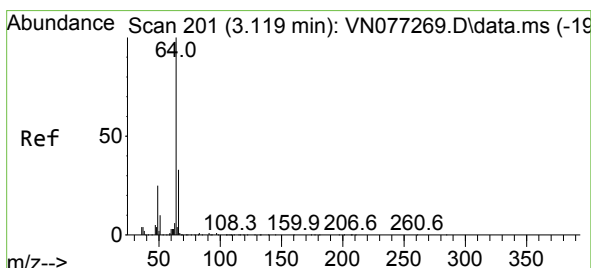
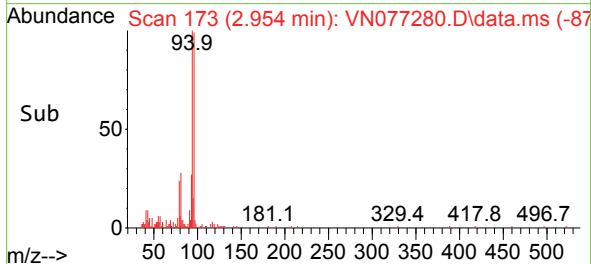
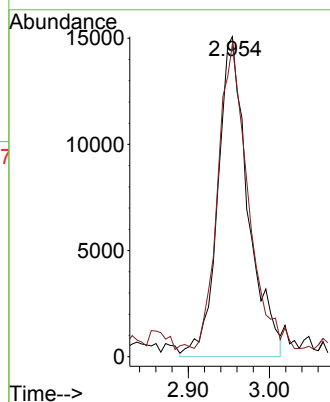
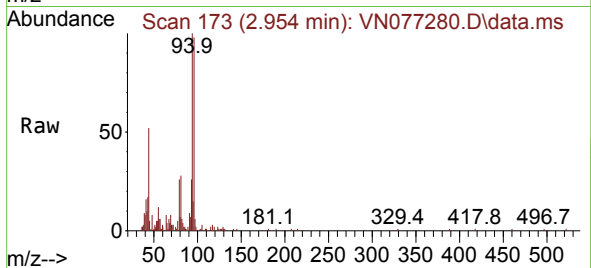




#5
Bromomethane
Concen: 5.696 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077280.D
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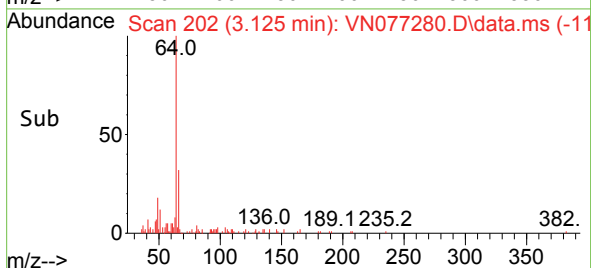
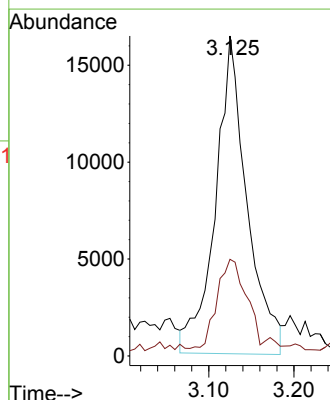
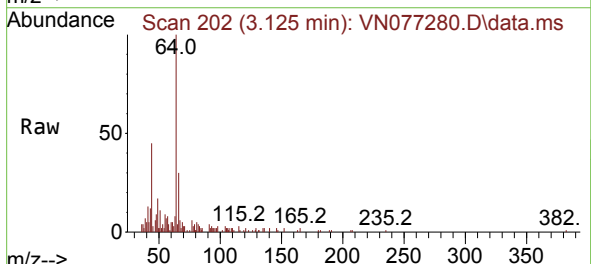
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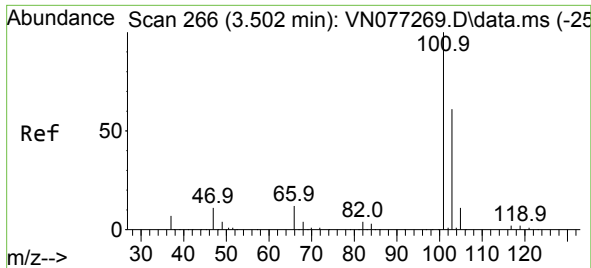
Tgt Ion: 94 Resp: 38988
Ion Ratio Lower Upper
94 100
96 95.2 77.0 115.6



#6
Chloroethane
Concen: 6.930 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 64 Resp: 42196
Ion Ratio Lower Upper
64 100
66 29.5 25.7 38.5

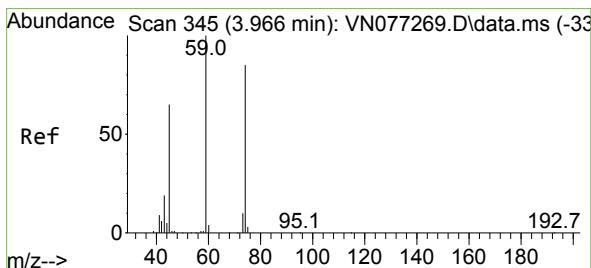
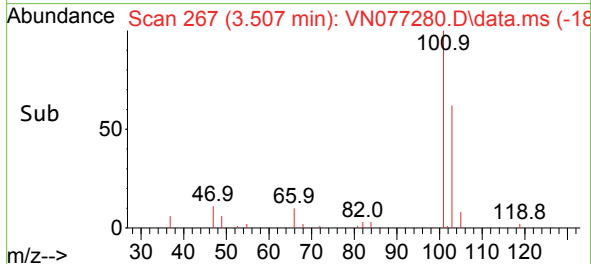
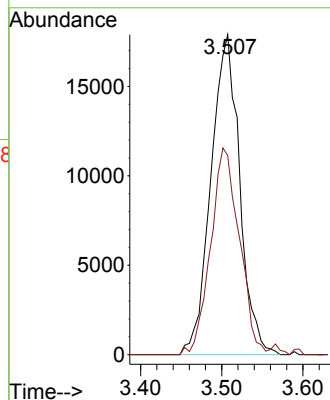
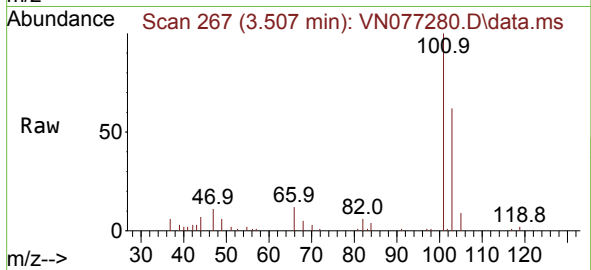




#7
 Trichlorofluoromethane
 Concen: 5.196 ug/l
 RT: 3.507 min Scan# 2
 Delta R.T. 0.006 min
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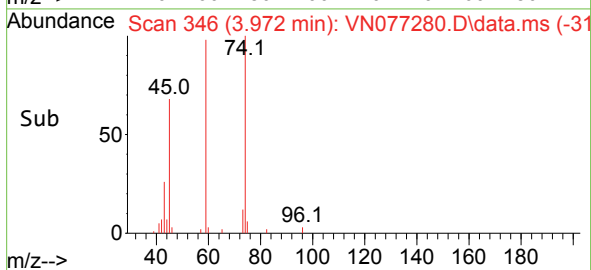
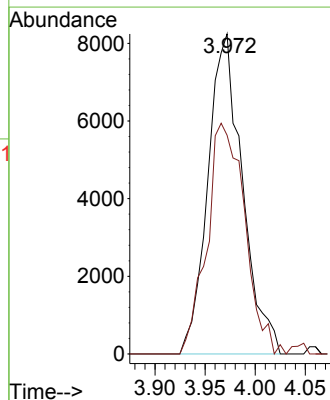
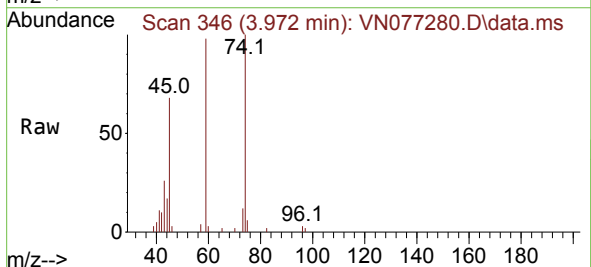
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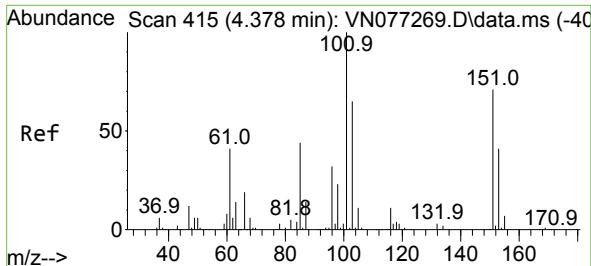
Tgt Ion:101 Resp: 43950
 Ion Ratio Lower Upper
 101 100
 103 62.2 48.9 73.3



#8
 Diethyl Ether
 Concen: 5.466 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

Tgt Ion: 74 Resp: 19706
 Ion Ratio Lower Upper
 74 100
 45 78.5 14.8 133.6

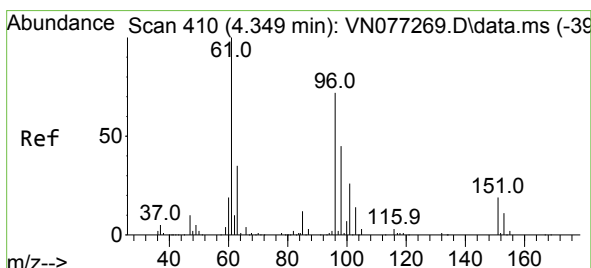
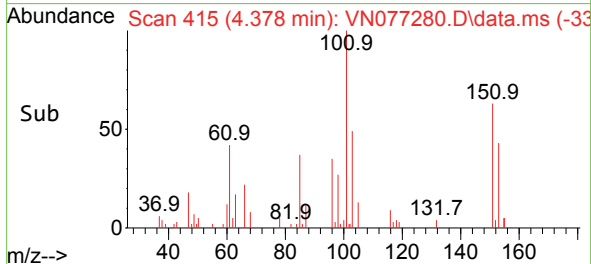
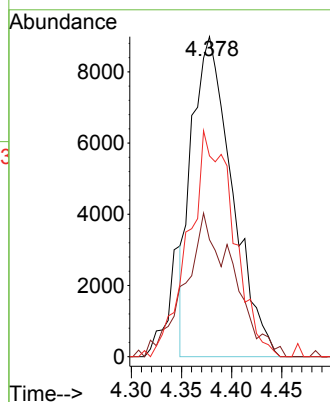
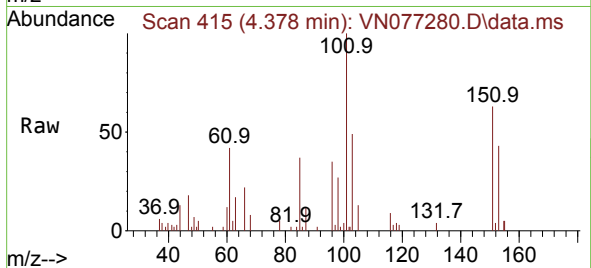




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.763 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
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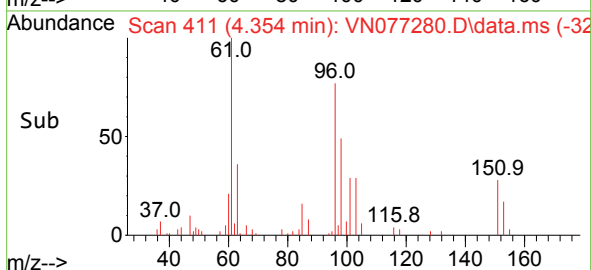
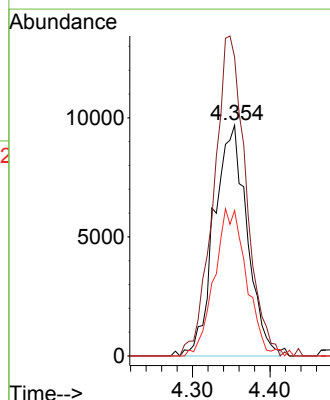
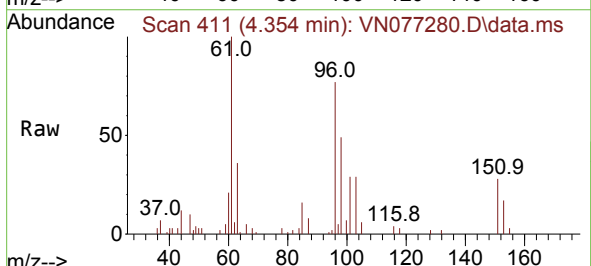
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ClientSampleId :
LOQ-WATER-02-QT2-2023

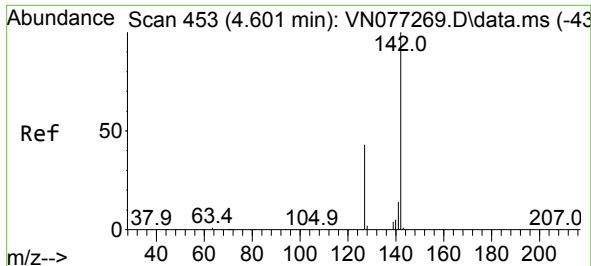
Tgt Ion:101 Resp: 25190
Ion Ratio Lower Upper
101 100
85 36.1 0.0 89.6
151 9.8 0.0 141.6



#10
1,1-Dichloroethene
Concen: 5.404 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 96 Resp: 28594
Ion Ratio Lower Upper
96 100
61 129.6 110.7 166.1
98 63.0 49.6 74.4

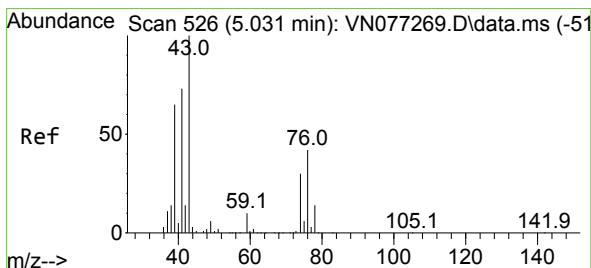
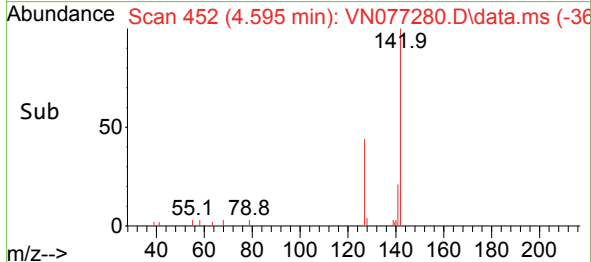
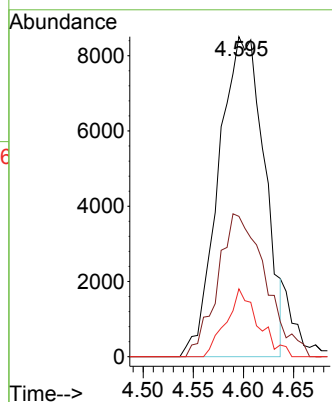
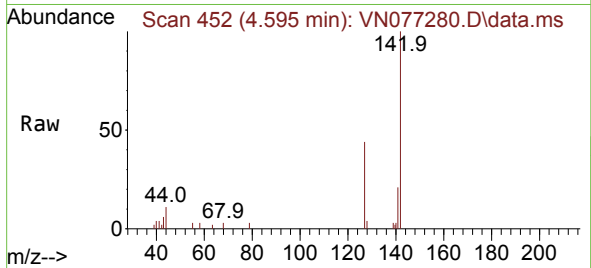




#11
Methyl Iodide
Concen: 4.504 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

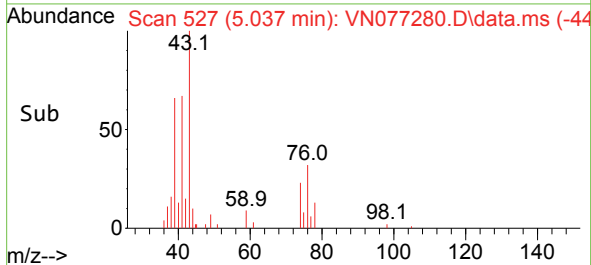
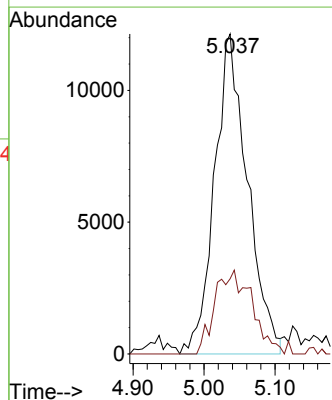
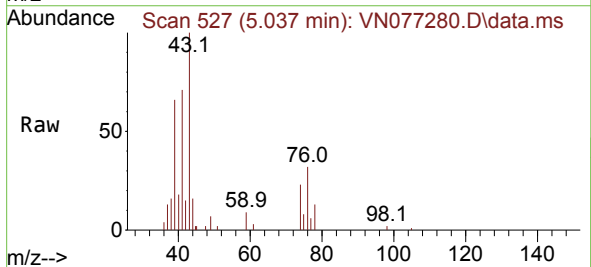
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

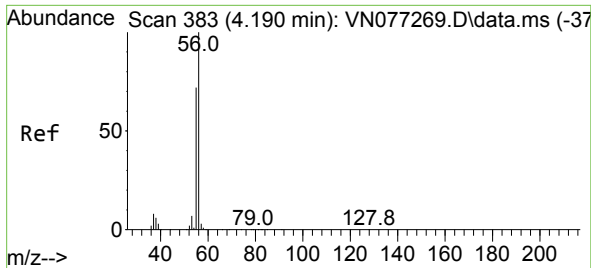
Tgt Ion:142 Resp: 26923
Ion Ratio Lower Upper
142 100
127 43.7 21.3 63.7
141 22.1 7.0 20.9#



#12
Methyl Acetate
Concen: 4.961 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 43 Resp: 39106
Ion Ratio Lower Upper
43 100
74 23.0 24.2 36.2#





#13

Acrolein

Concen: 0.225 ug/l

RT: 4.260 min Scan# 395

Delta R.T. 0.070 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

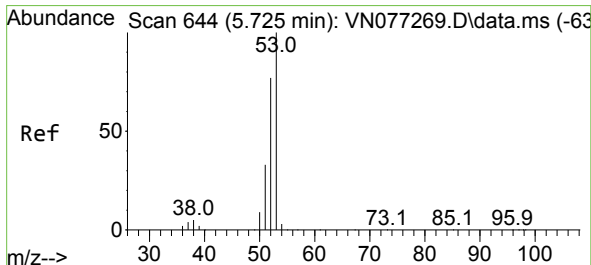
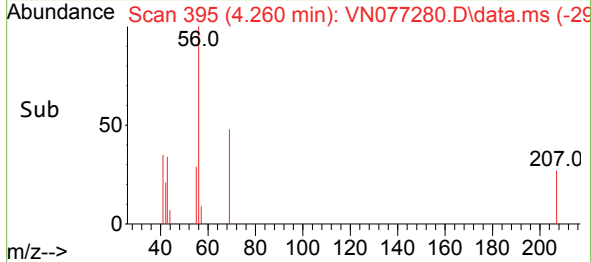
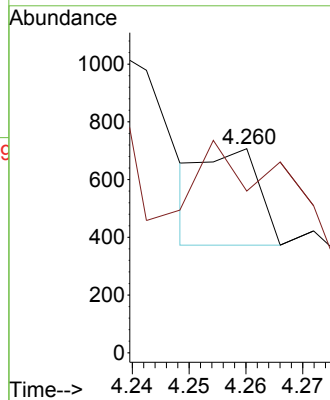
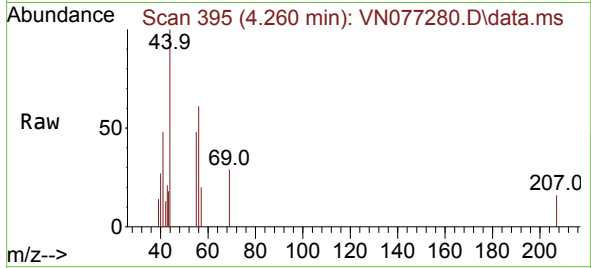
LOQ-WATER-02-QT2-2023

Tgt Ion: 56 Resp: 220

Ion Ratio Lower Upper

56 100

55 66.8 55.2 82.8



#14

Acrylonitrile

Concen: 24.002 ug/l

RT: 5.725 min Scan# 644

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

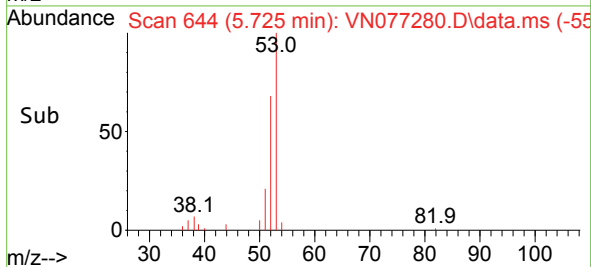
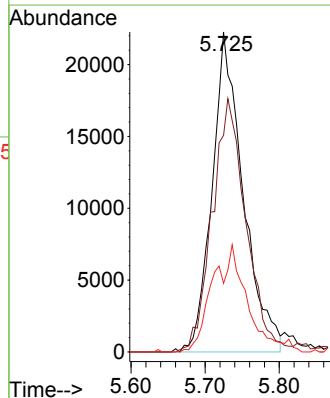
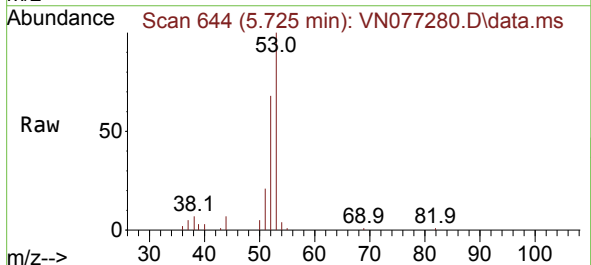
Tgt Ion: 53 Resp: 64674

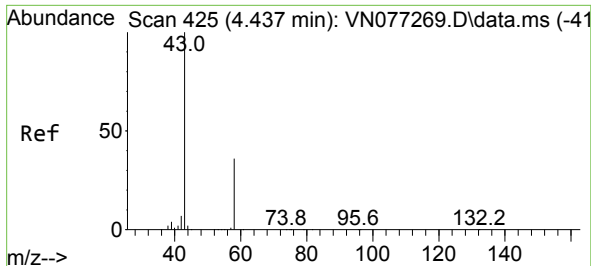
Ion Ratio Lower Upper

53 100

52 85.9 41.0 123.0

51 21.6 17.7 53.1





#15

Acetone

Concen: 22.861 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

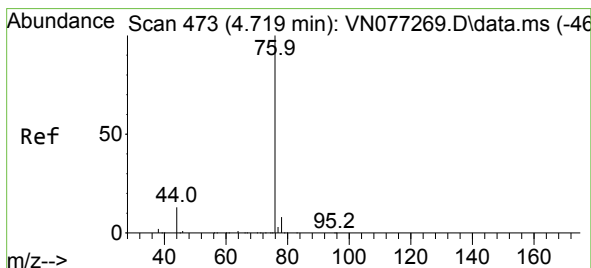
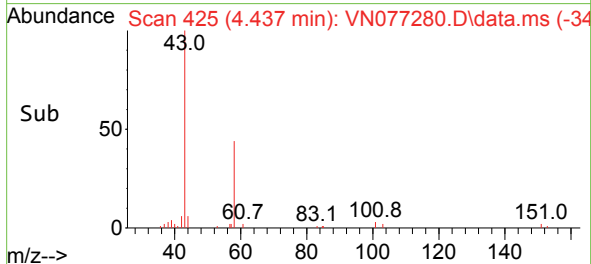
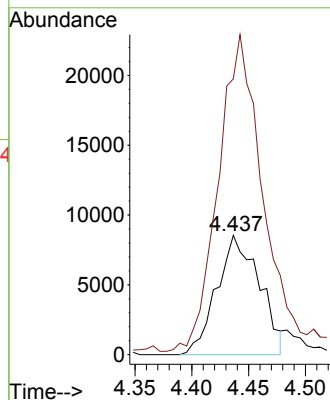
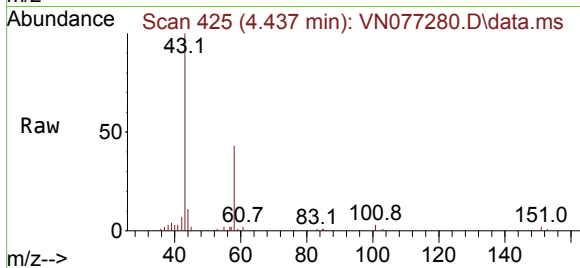
LOQ-WATER-02-QT2-2023

Tgt Ion: 58 Resp: 22347

Ion Ratio Lower Upper

58 100

43 221.5 220.9 331.3



#16

Carbon Disulfide

Concen: 5.164 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077280.D

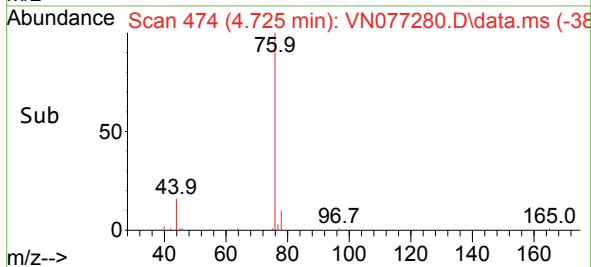
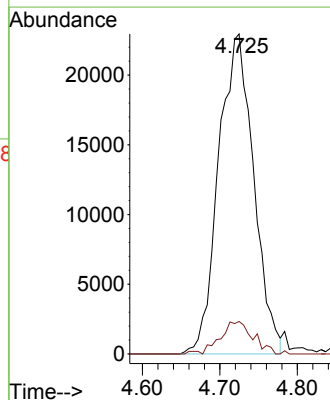
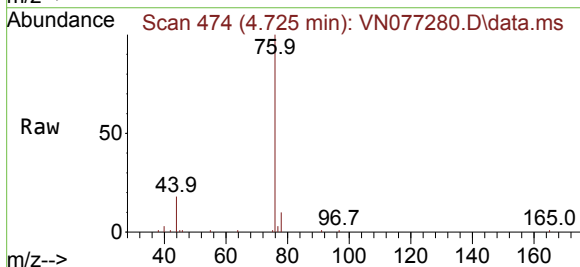
Acq: 07 Apr 2023 16:55

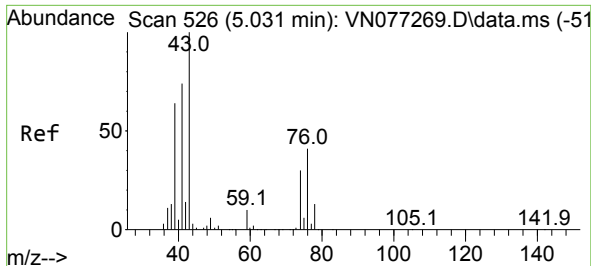
Tgt Ion: 76 Resp: 72112

Ion Ratio Lower Upper

76 100

78 10.1 6.3 9.5#





#17

Allyl chloride

Concen: 3.186 ug/l

RT: 5.025 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077280.D

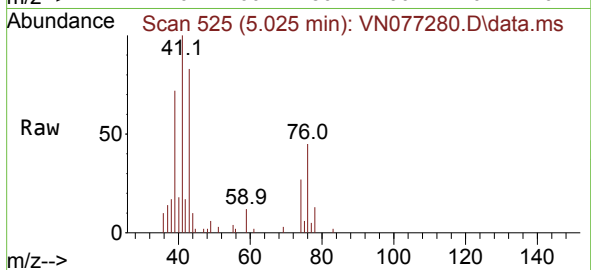
Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



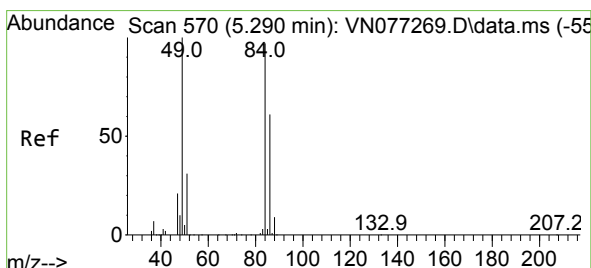
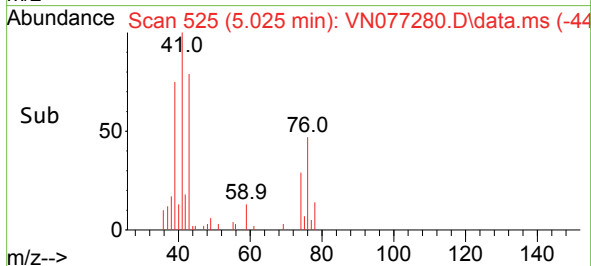
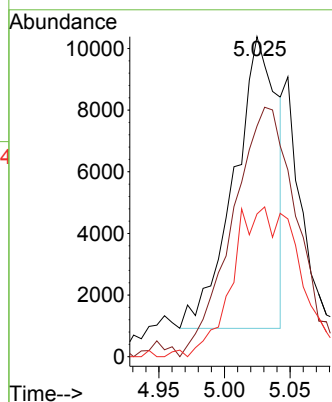
Tgt Ion: 41 Resp: 21701

Ion Ratio Lower Upper

41 100

39 81.2 40.3 120.9

76 48.0 25.3 75.8



#18

Methylene Chloride

Concen: 5.605 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Tgt Ion: 84 Resp: 34441

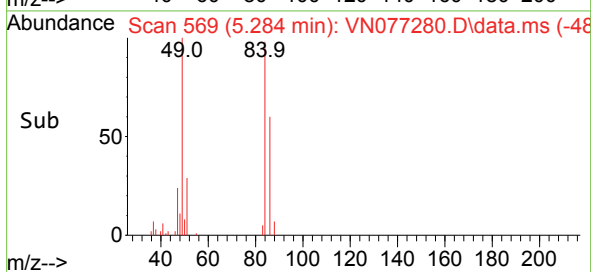
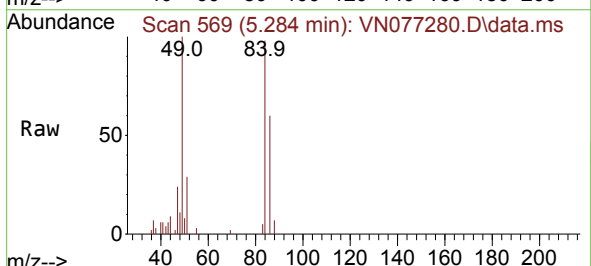
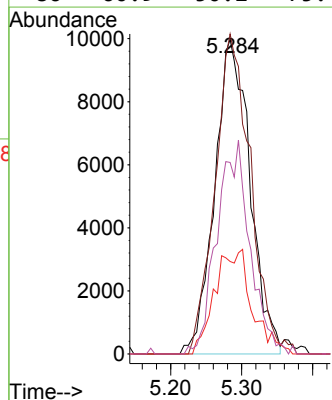
Ion Ratio Lower Upper

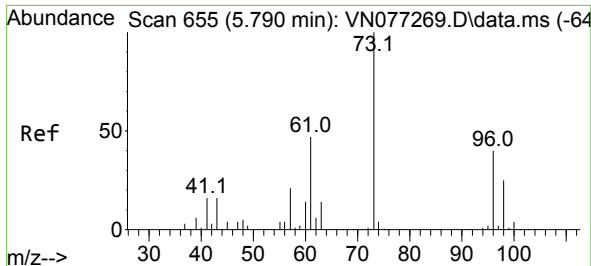
84 100

49 101.8 82.7 124.1

51 29.4 25.6 38.4

86 60.9 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 5.335 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

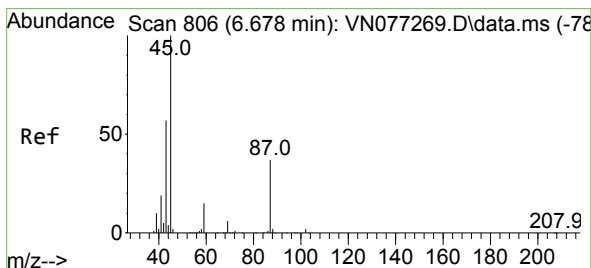
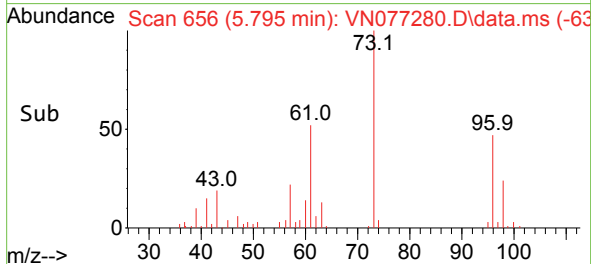
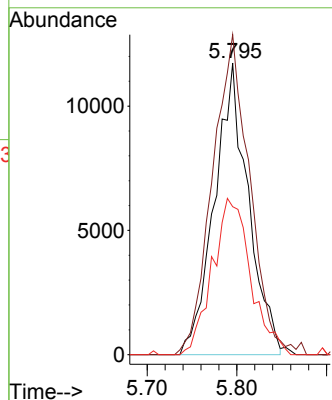
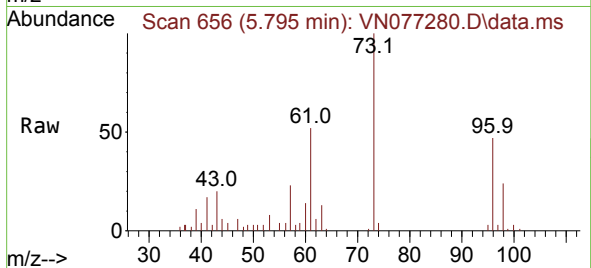
Tgt Ion: 96 Resp: 30692

Ion Ratio Lower Upper

96 100

61 108.0 94.5 141.7

98 50.7 49.8 74.8



#20

Diisopropyl ether

Concen: 4.990 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Tgt Ion: 45 Resp: 81002

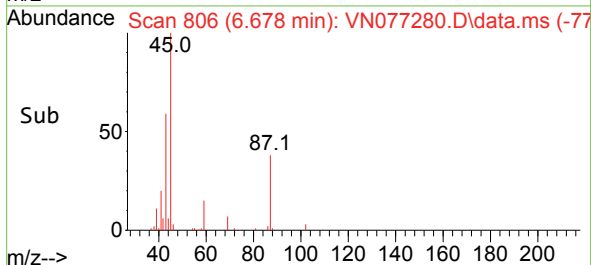
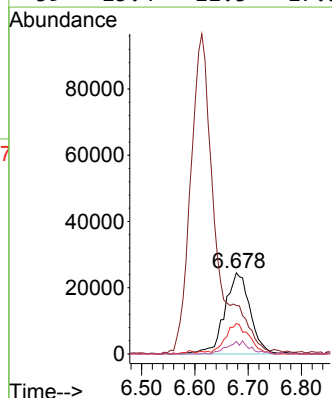
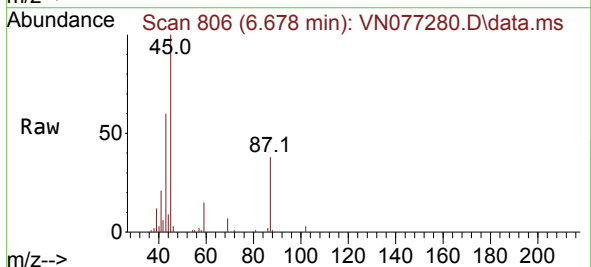
Ion Ratio Lower Upper

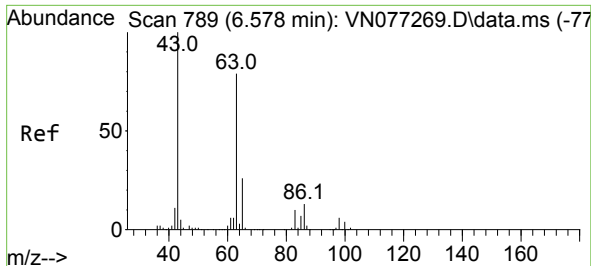
45 100

43 56.2 45.9 68.9

87 37.6 30.1 45.1

59 15.4 11.5 17.3





#21

1,1-Dichloroethane

Concen: 5.181 ug/l

RT: 6.572 min Scan# 789

Delta R.T. -0.006 min

Lab File: VN077280.D

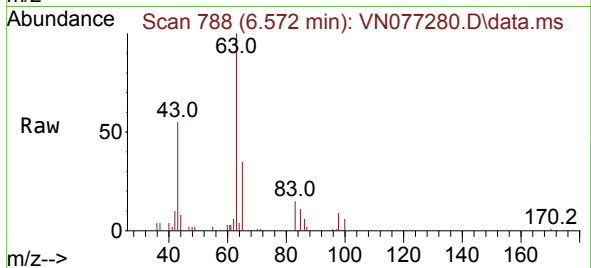
Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



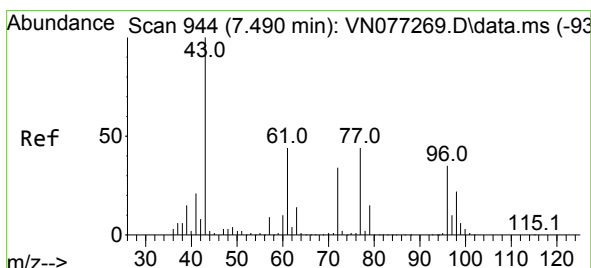
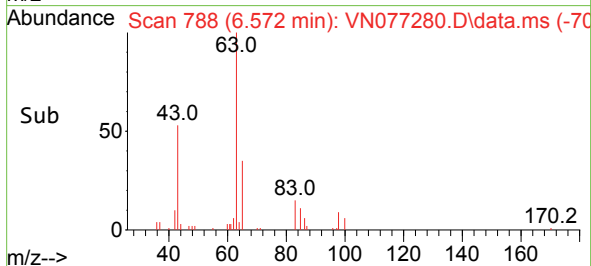
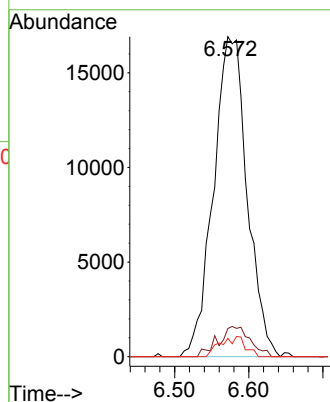
Tgt Ion: 63 Resp: 53304

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.7

100 5.7 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 4.908 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

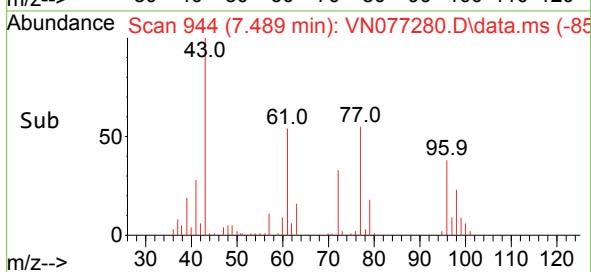
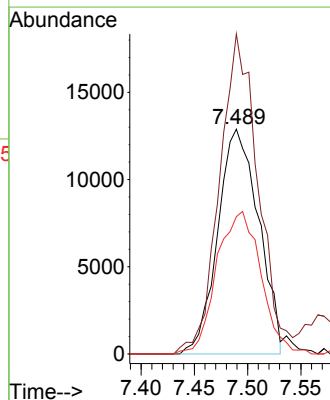
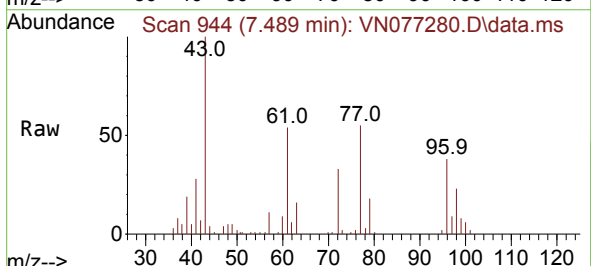
Tgt Ion: 96 Resp: 34419

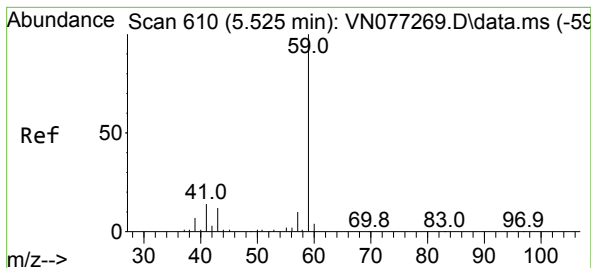
Ion Ratio Lower Upper

96 100

61 134.0 105.5 158.3

98 68.1 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 24.654 ug/l

RT: 5.537 min Scan# 610

Delta R.T. 0.012 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

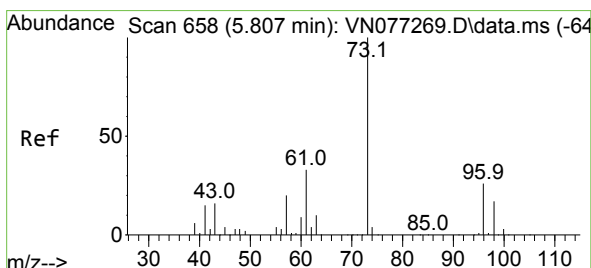
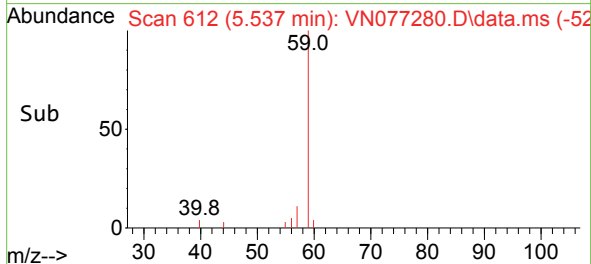
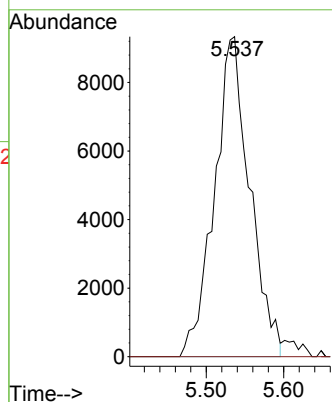
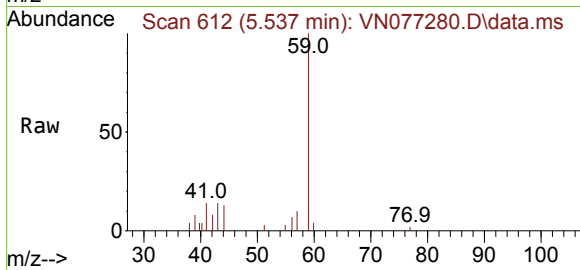
LOQ-WATER-02-QT2-2023

Tgt Ion: 59 Resp: 29538

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 5.006 ug/l

RT: 5.801 min Scan# 657

Delta R.T. -0.006 min

Lab File: VN077280.D

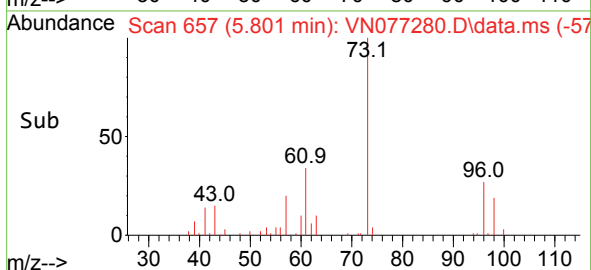
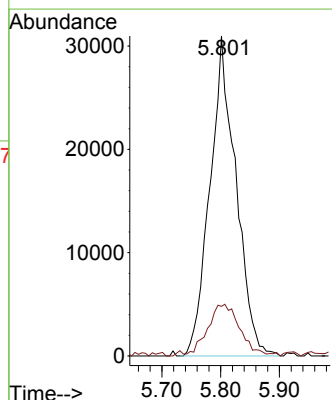
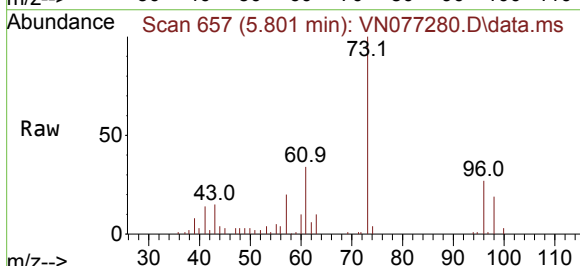
Acq: 07 Apr 2023 16:55

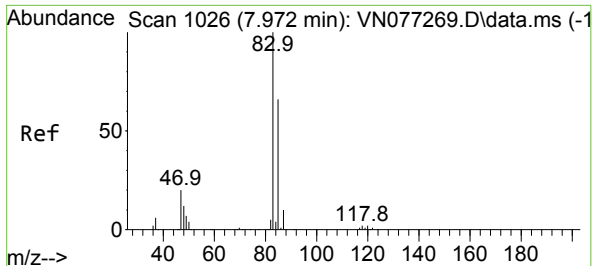
Tgt Ion: 73 Resp: 95353

Ion Ratio Lower Upper

73 100

43 18.4 13.5 20.3





#25

Chloroform

Concen: 5.090 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

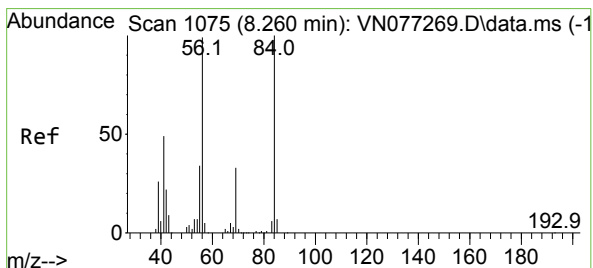
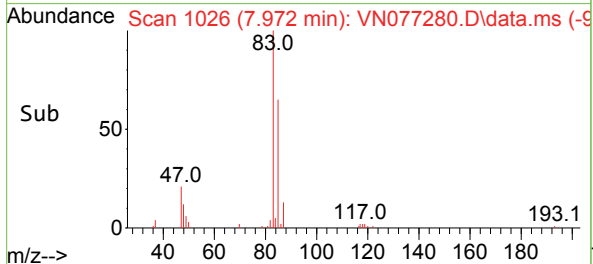
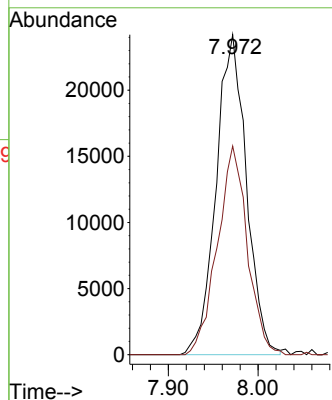
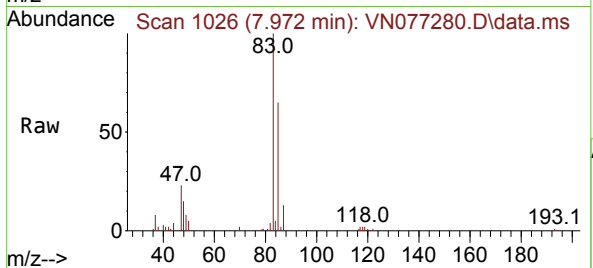
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 56761

Ion Ratio Lower Upper

83 100

85 65.2 52.9 79.3



#26

Cyclohexane

Concen: 5.072 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

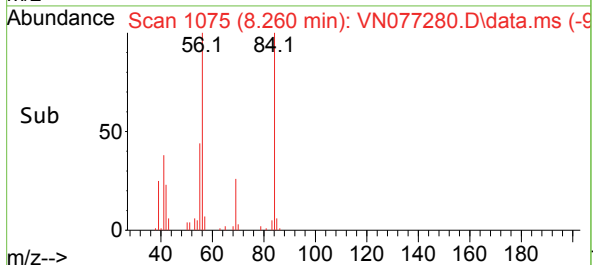
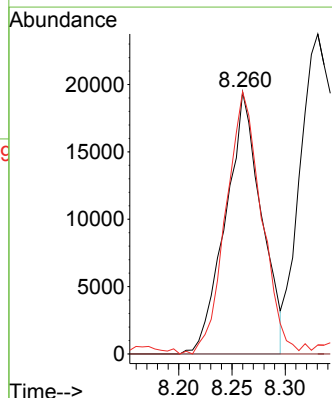
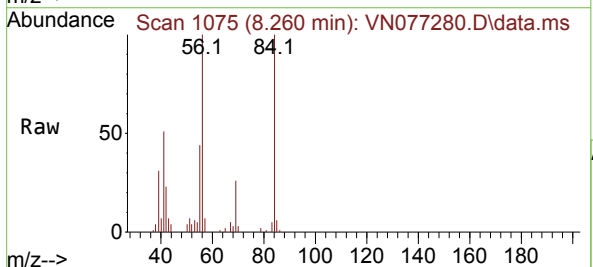
Tgt Ion: 56 Resp: 45345

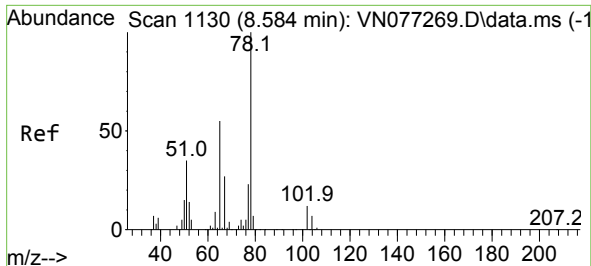
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 99.3 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.966 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

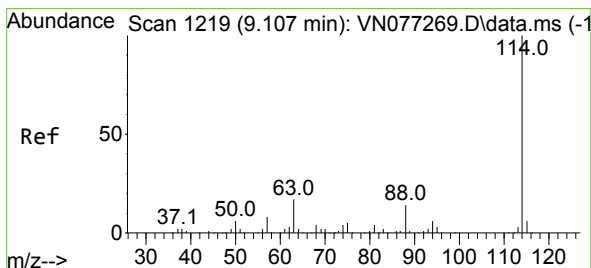
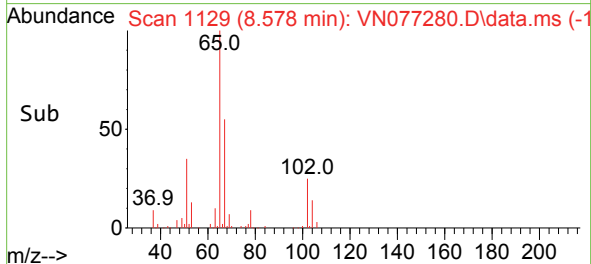
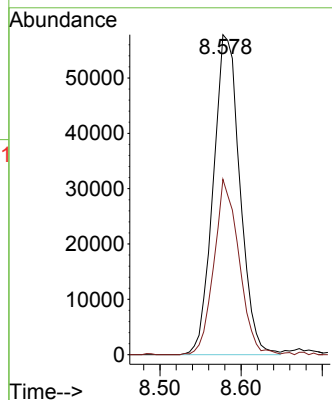
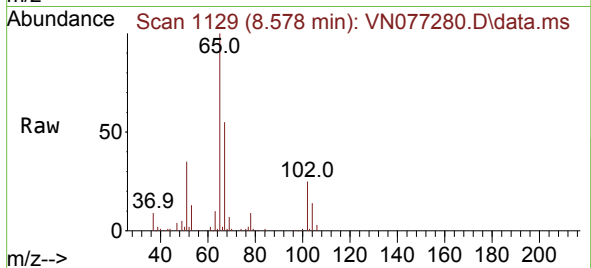
LOQ-WATER-02-QT2-2023

Tgt Ion: 65 Resp: 131869

Ion Ratio Lower Upper

65 100

67 50.9 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

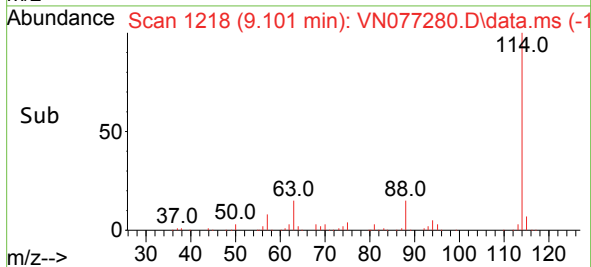
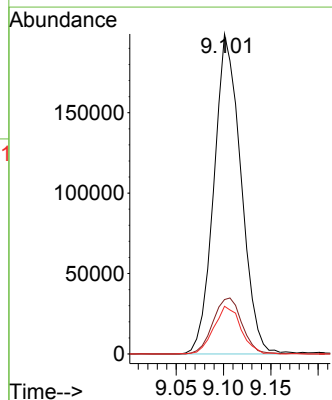
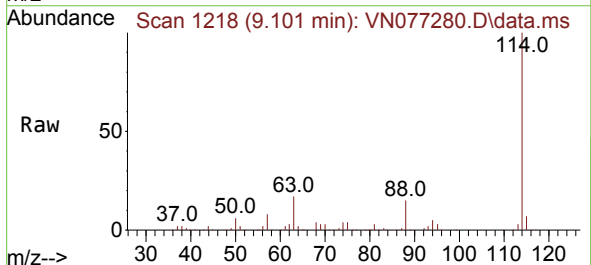
Tgt Ion: 114 Resp: 394790

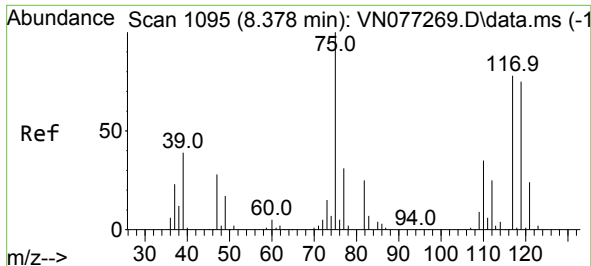
Ion Ratio Lower Upper

114 100

63 18.8 15.0 22.4

88 14.9 11.9 17.9





#29

1,1-Dichloropropene

Concen: 4.733 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

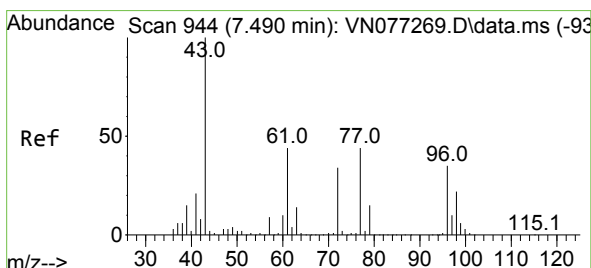
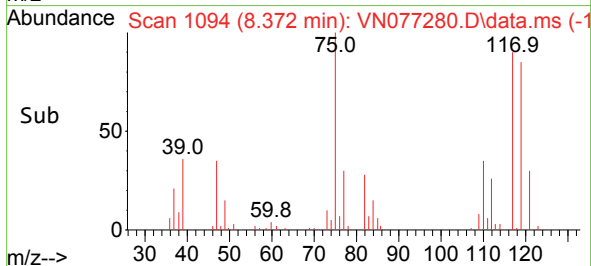
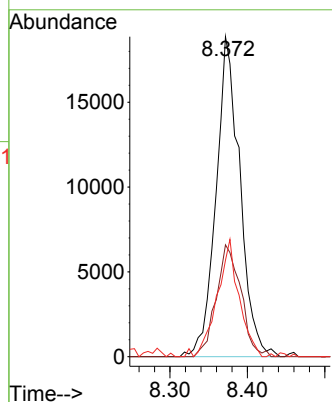
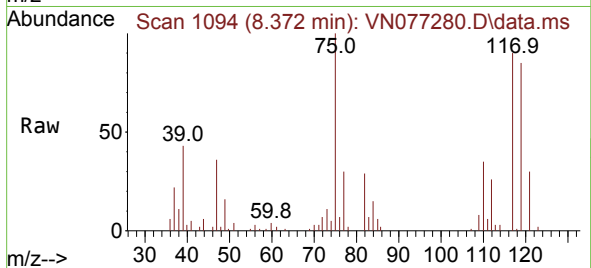
Tgt Ion: 75 Resp: 40478

Ion Ratio Lower Upper

75 100

110 35.8 0.0 72.4

77 33.3 0.0 61.4



#30

2-Butanone

Concen: 22.494 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

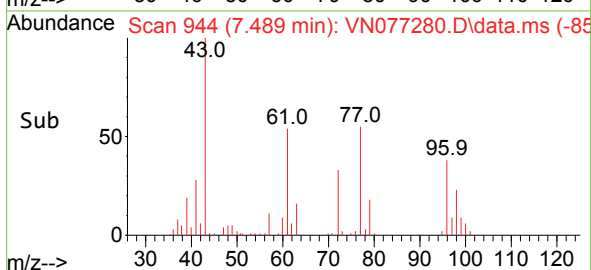
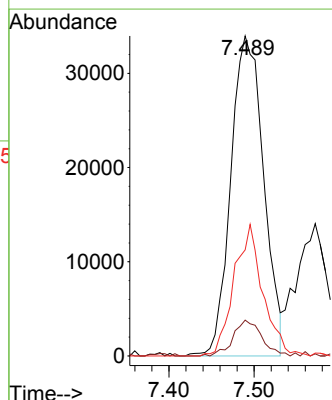
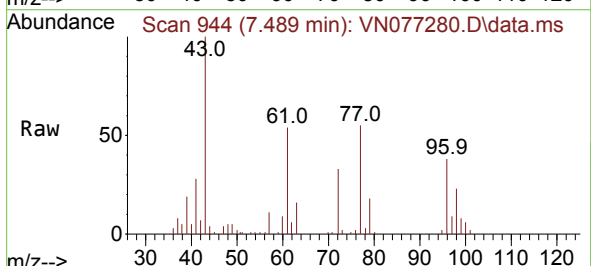
Tgt Ion: 43 Resp: 90971

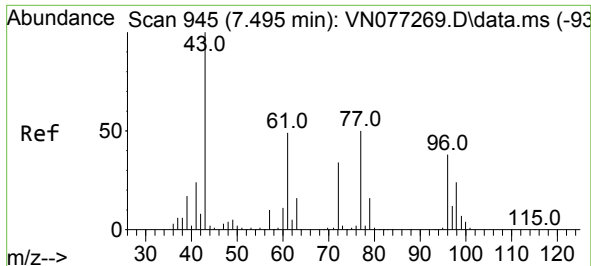
Ion Ratio Lower Upper

43 100

57 9.7 7.5 11.3

72 35.6 26.9 40.3

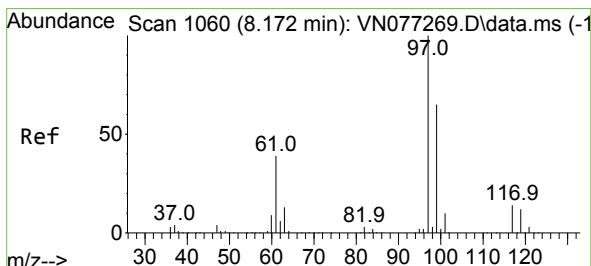
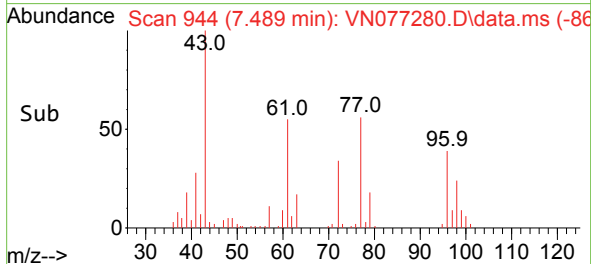
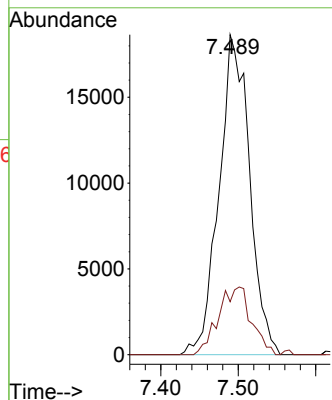
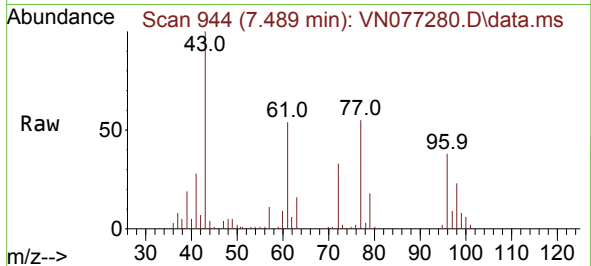




#31
2,2-Dichloropropane
Concen: 4.867 ug/l
RT: 7.489 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

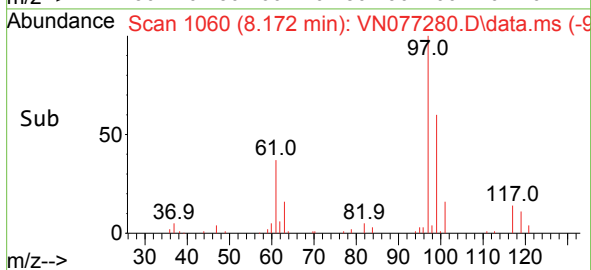
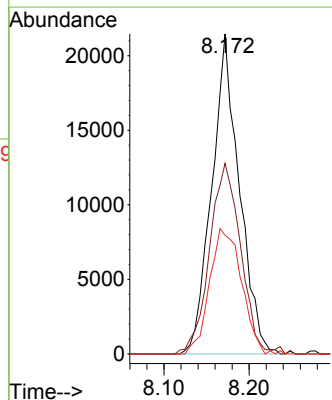
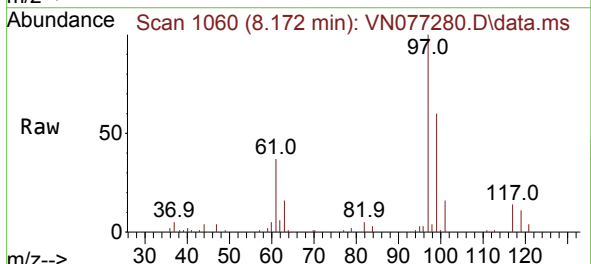
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

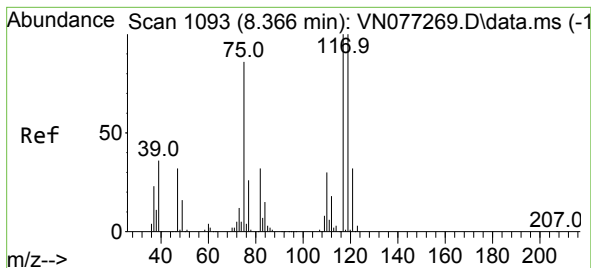
Tgt Ion: 77 Resp: 51099
Ion Ratio Lower Upper
77 100
97 9.9 18.8 28.2#



#32
1,1,1-Trichloroethane
Concen: 4.577 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 97 Resp: 48168
Ion Ratio Lower Upper
97 100
99 66.8 51.6 77.4
61 45.3 32.4 48.6





#33

Carbon Tetrachloride

Concen: 4.867 ug/l

RT: 8.360 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN077280.D

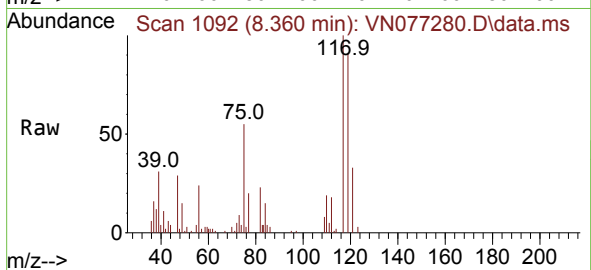
Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



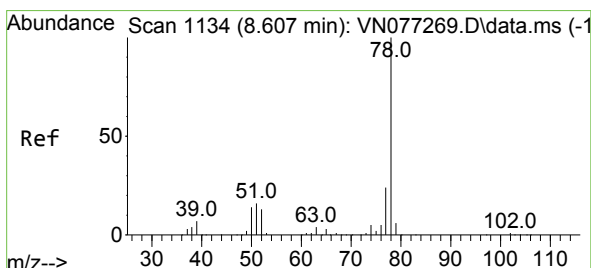
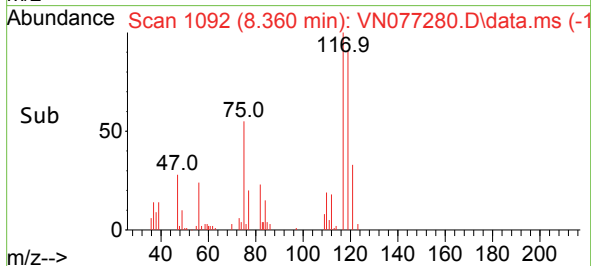
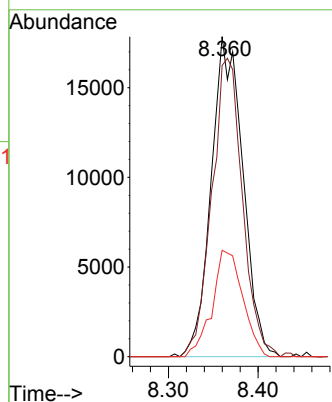
Tgt Ion:117 Resp: 43720

Ion Ratio Lower Upper

117 100

119 91.0 80.2 120.4

121 33.3 26.0 39.0



#34

Benzene

Concen: 5.022 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

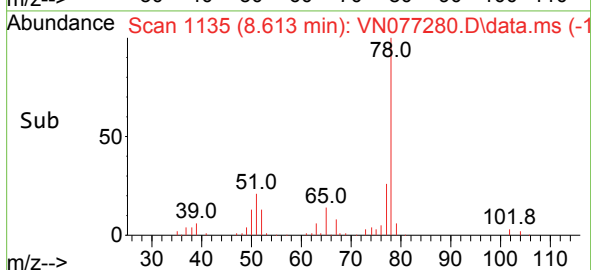
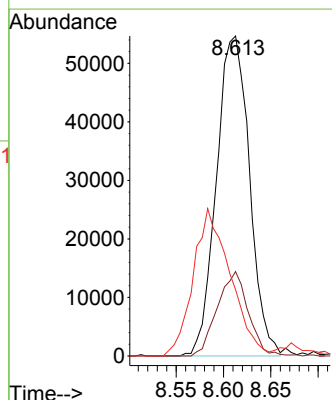
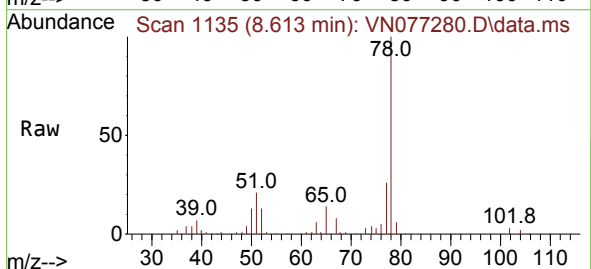
Tgt Ion: 78 Resp: 132902

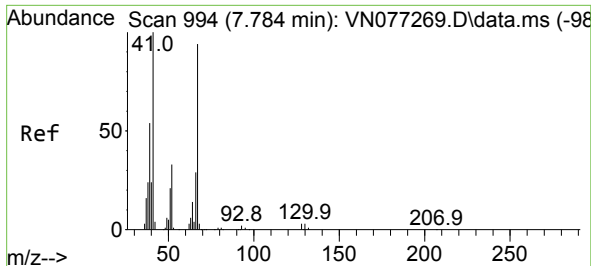
Ion Ratio Lower Upper

78 100

77 26.4 19.4 29.0

51 18.2 12.6 19.0

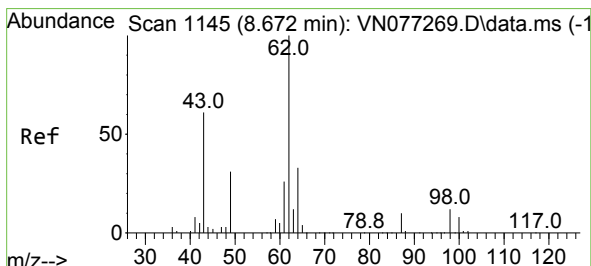
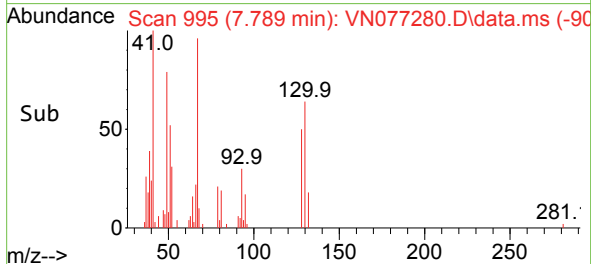
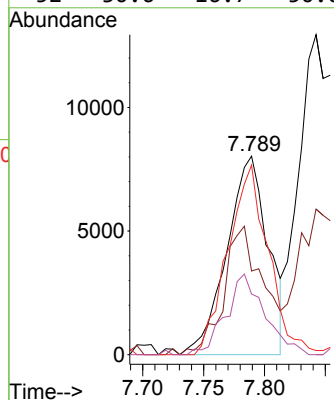
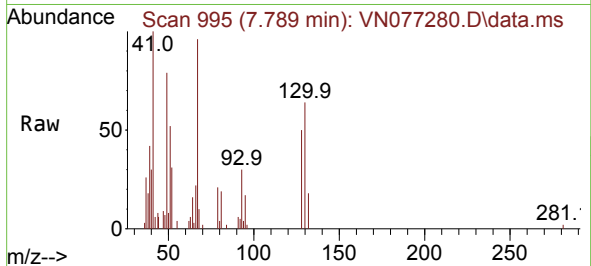




#35
Methacrylonitrile
Concen: 4.966 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

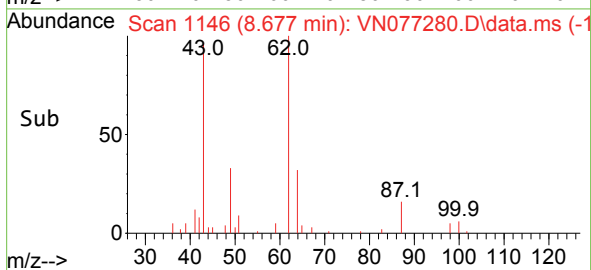
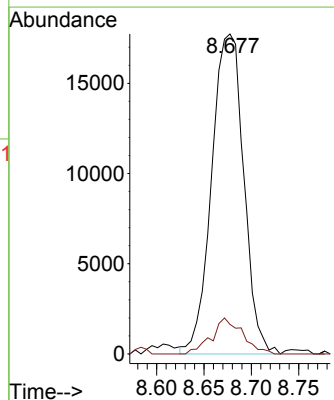
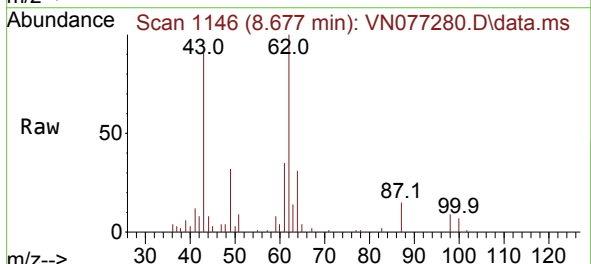
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

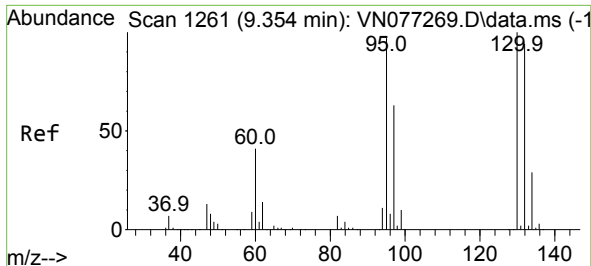
Tgt Ion:	41	Resp:	18918
Ion	Ratio	Lower	Upper
41	100		
39	42.1	27.1	81.2
67	95.5	46.8	140.4
52	30.6	16.7	50.0



#36
1,2-Dichloroethane
Concen: 5.043 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:	62	Resp:	41839
Ion	Ratio	Lower	Upper
62	100		
98	8.5	8.3	12.5

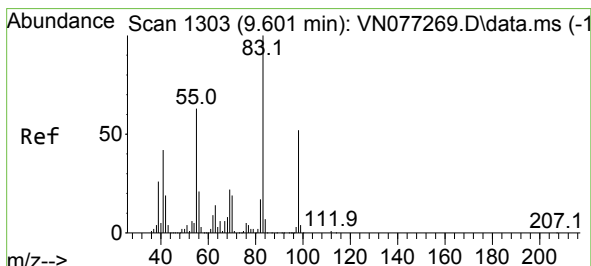
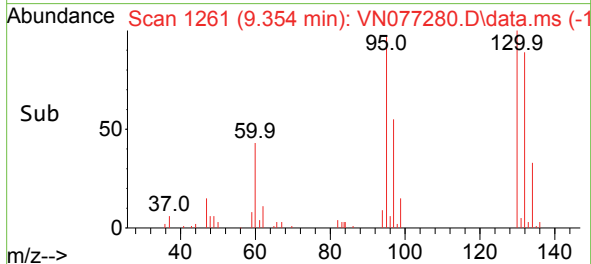
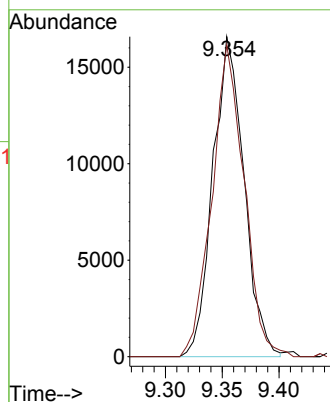
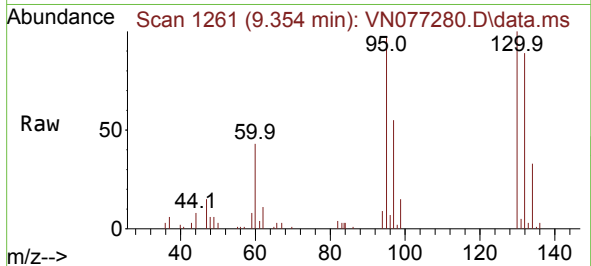




#37
Trichloroethene
Concen: 4.892 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

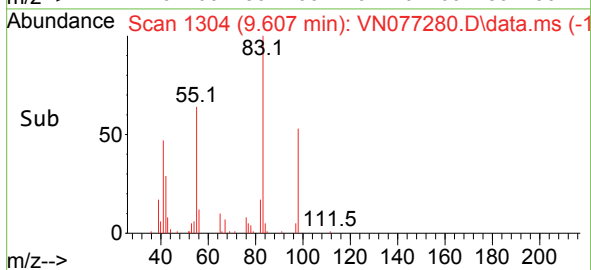
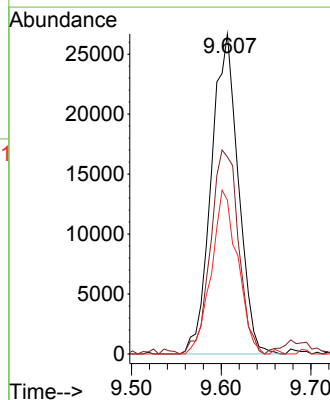
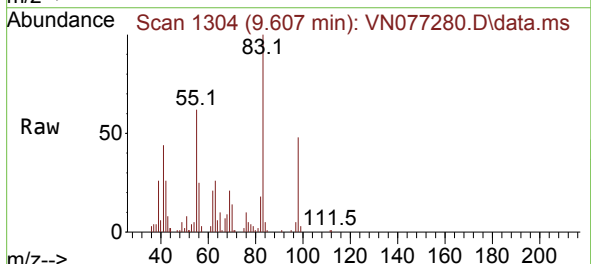
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

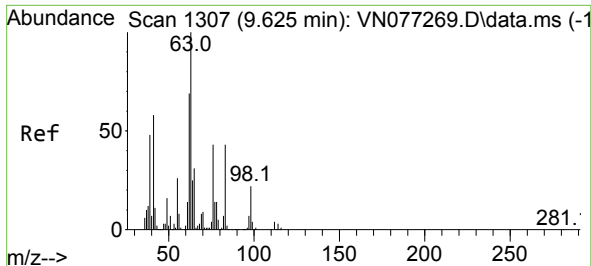
Tgt Ion:130 Resp: 31662
Ion Ratio Lower Upper
130 100
95 97.4 77.5 116.3



#38
Methylcyclohexane
Concen: 4.811 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 83 Resp: 55805
Ion Ratio Lower Upper
83 100
55 65.7 32.0 96.2
98 49.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 5.081 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077280.D

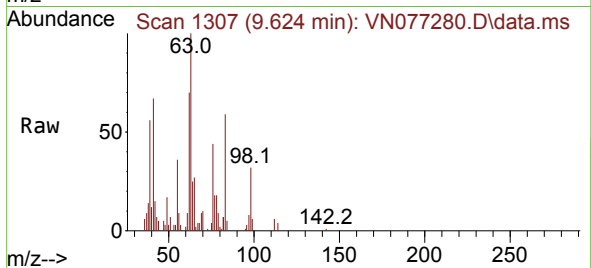
Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

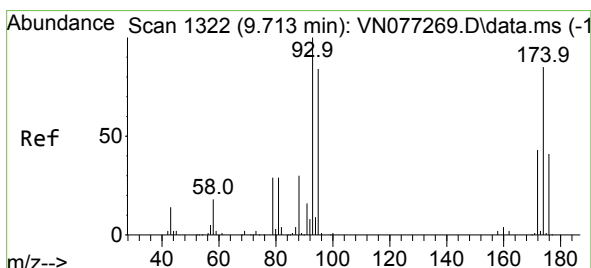
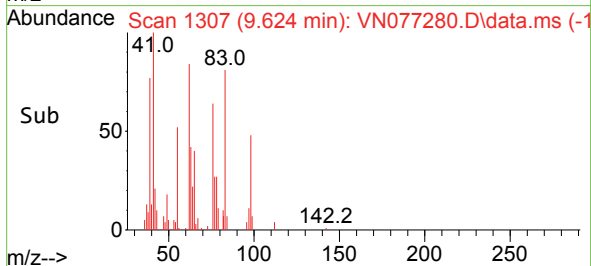
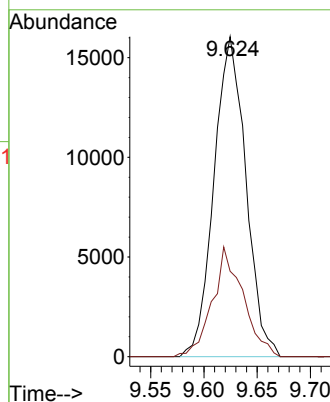


Tgt Ion: 63 Resp: 33377

Ion Ratio Lower Upper

63 100

65 26.7 24.8 37.2



#40

Dibromomethane

Concen: 4.699 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

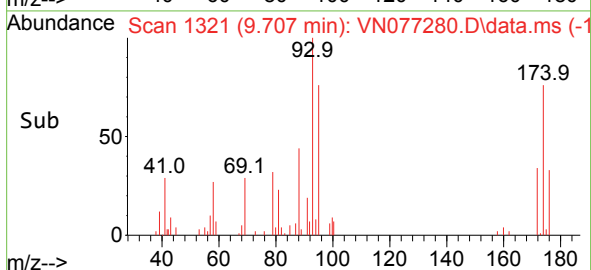
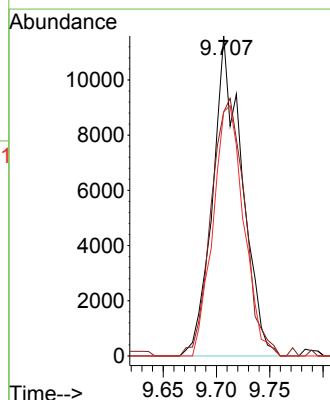
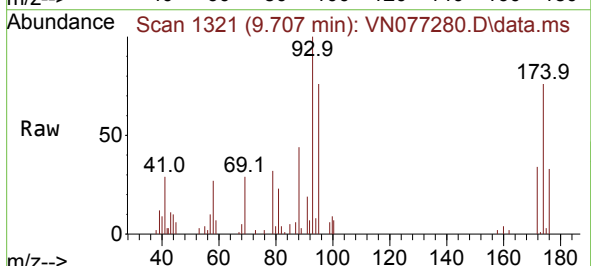
Tgt Ion: 93 Resp: 22241

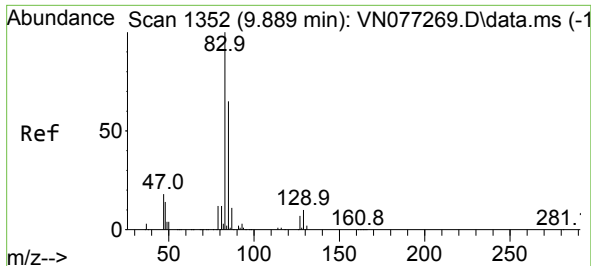
Ion Ratio Lower Upper

93 100

95 91.7 0.0 166.4

174 82.2 0.0 164.8

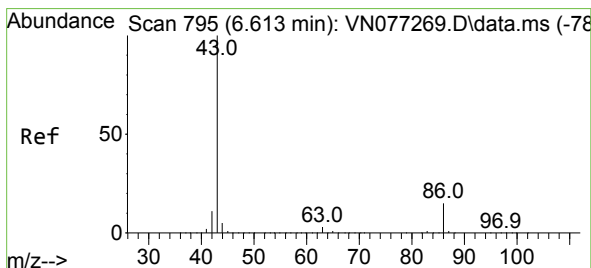
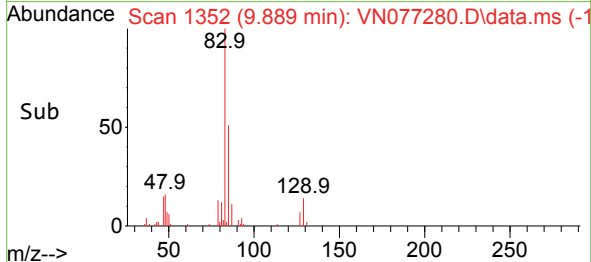
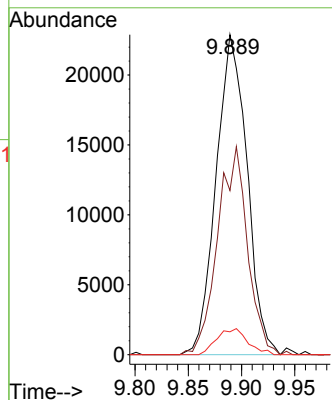
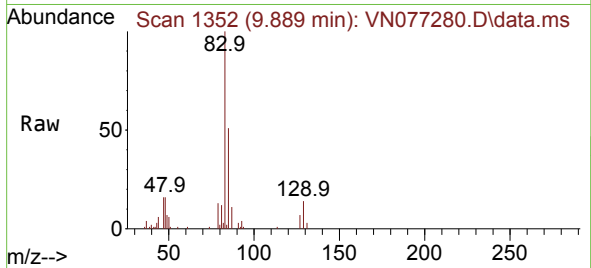




#41
Bromodichloromethane
Concen: 4.895 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

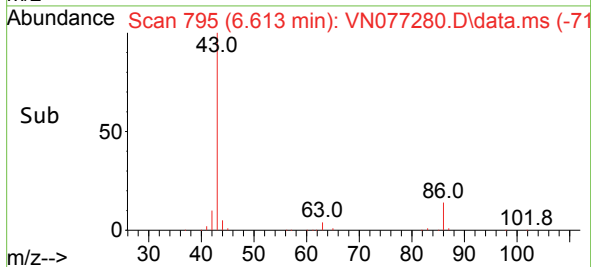
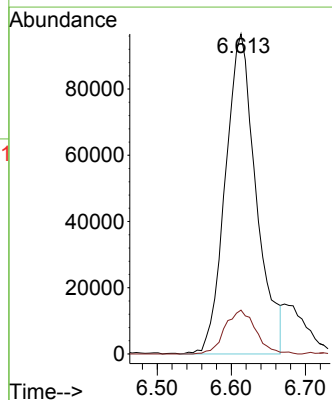
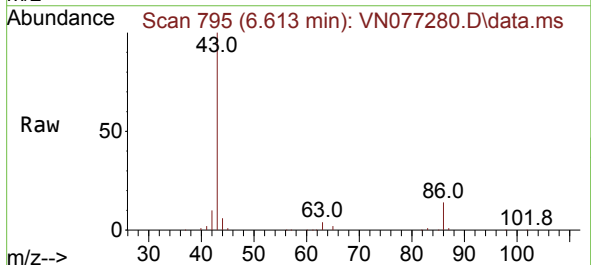
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

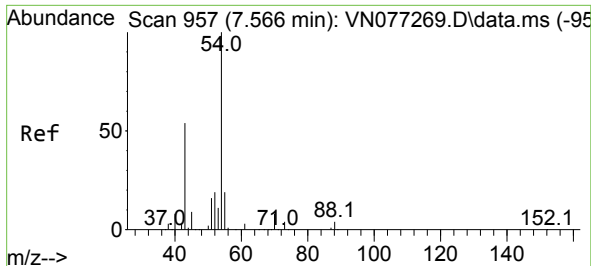
Tgt Ion: 83 Resp: 46198
Ion Ratio Lower Upper
83 100
85 51.3 52.3 78.5#
127 7.2 5.9 8.9



#42
Vinyl Acetate
Concen: 23.848 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 43 Resp: 279135
Ion Ratio Lower Upper
43 100
86 13.5 0.0 0.0#

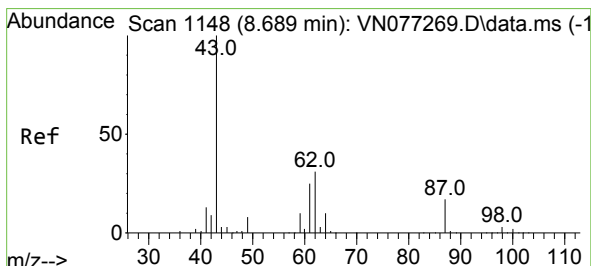
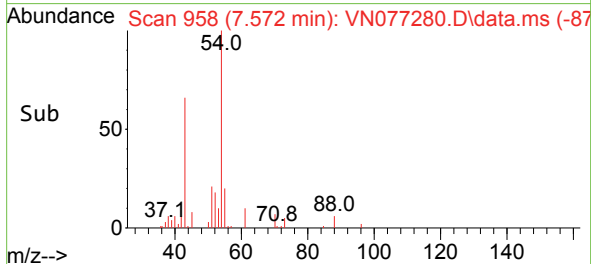
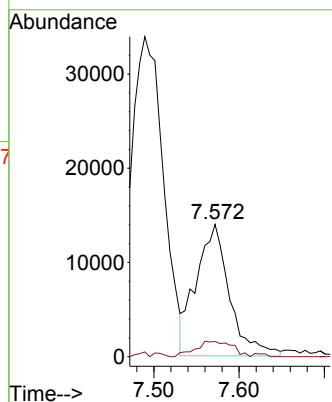
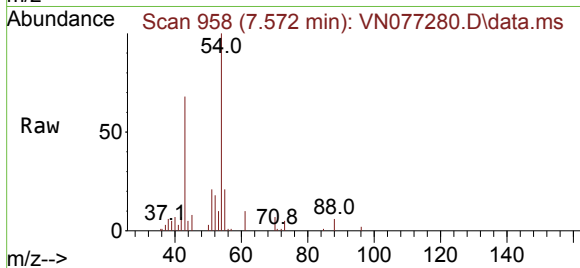




#43
Ethyl Acetate
Concen: 5.105 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

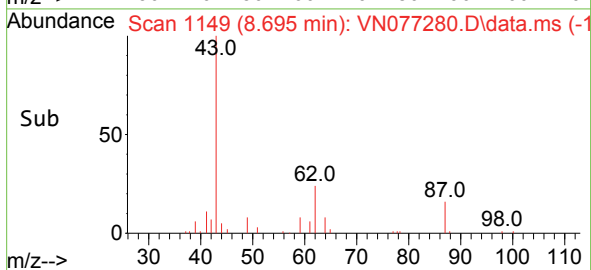
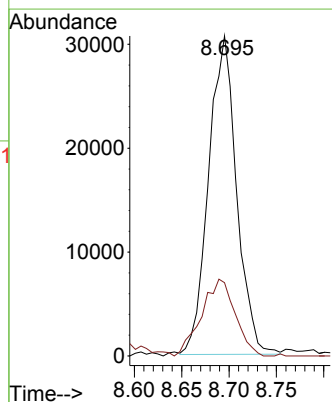
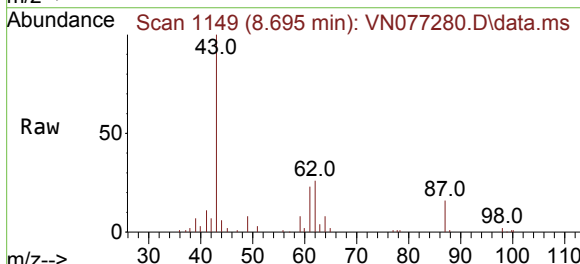
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

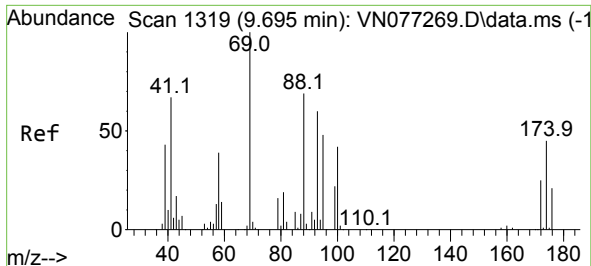
Tgt Ion: 43 Resp: 38200
Ion Ratio Lower Upper
43 100
45 11.5 12.3 18.5#



#44
Isopropyl Acetate
Concen: 4.715 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 43 Resp: 63169
Ion Ratio Lower Upper
43 100
61 28.9 0.0 0.0#

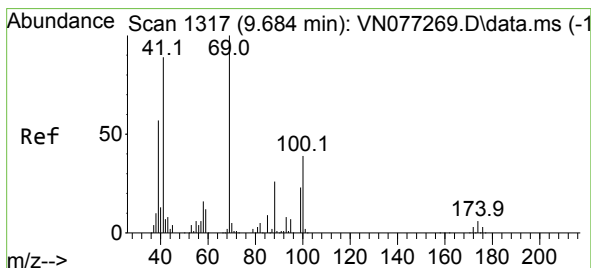
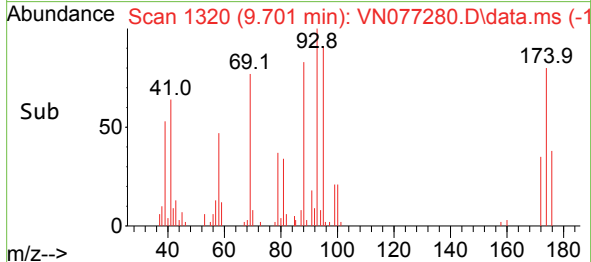
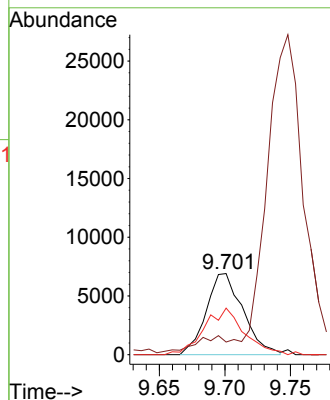
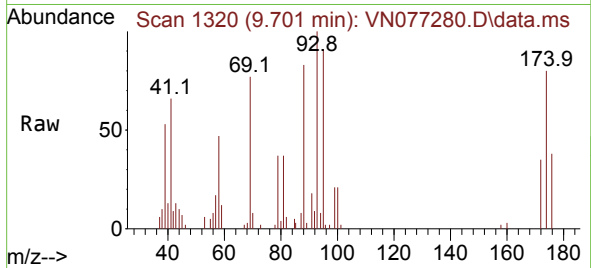




#45
1,4-Dioxane
Concen: 95.272 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

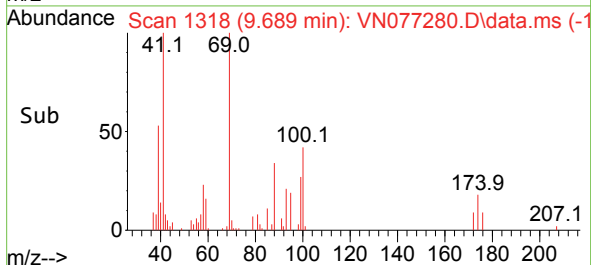
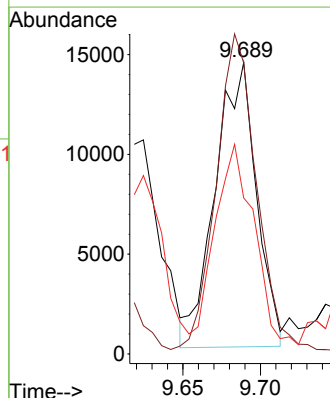
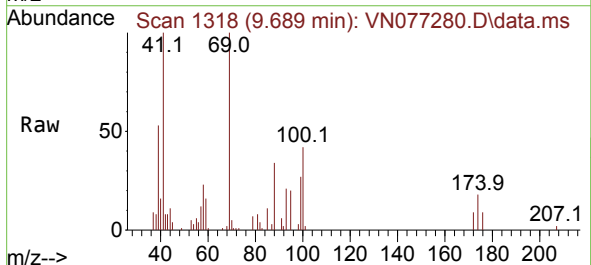
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

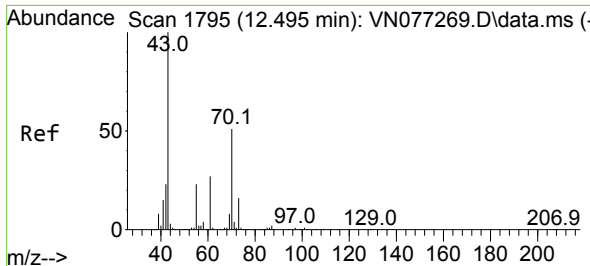
Tgt Ion: 88 Resp: 13461
Ion Ratio Lower Upper
88 100
43 22.3 17.4 26.0
58 62.3 48.2 72.4



#46
Methyl methacrylate
Concen: 4.568 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 41 Resp: 26346
Ion Ratio Lower Upper
41 100
69 105.0 54.5 163.5
39 52.2 33.4 100.2

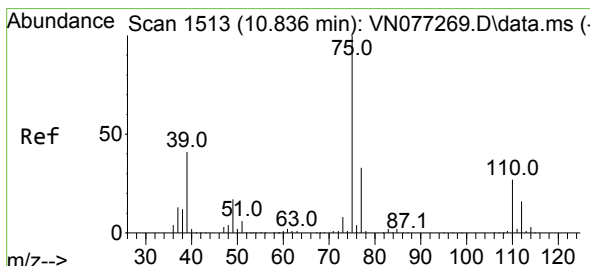
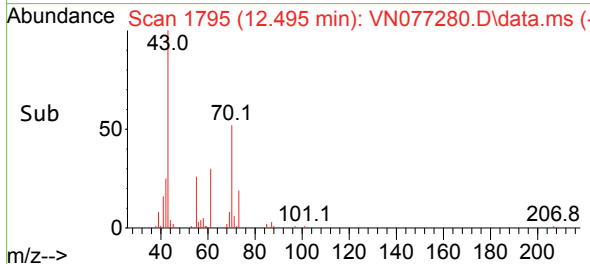
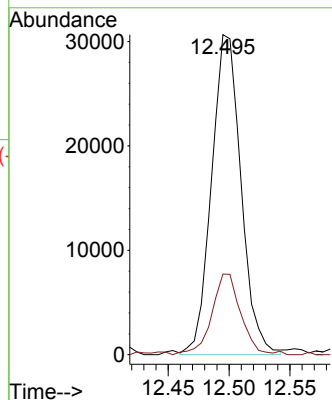
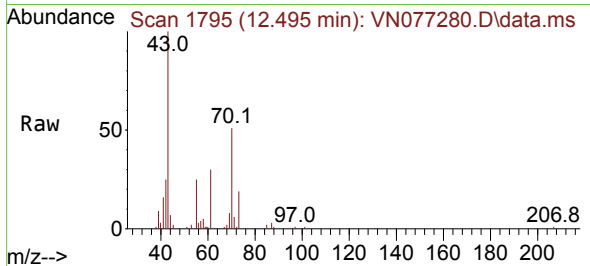




#47
n-amyl acetate
Concen: 4.413 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

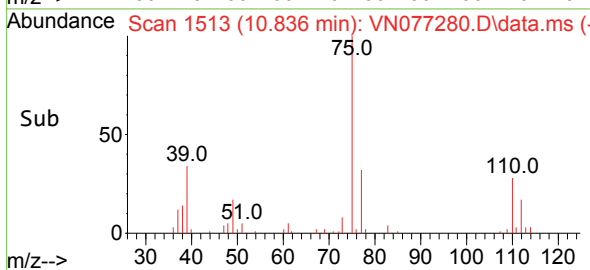
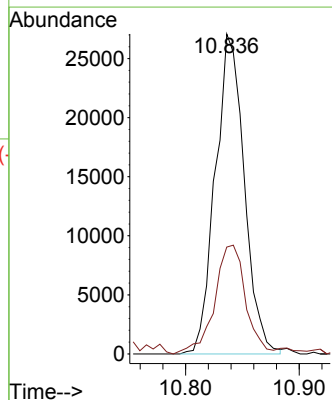
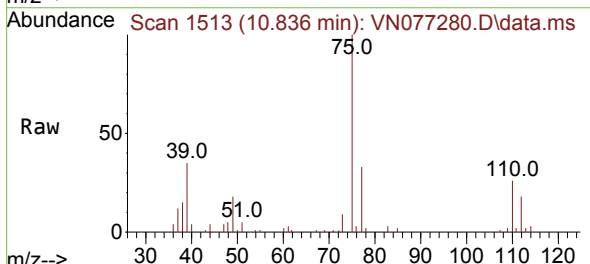
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

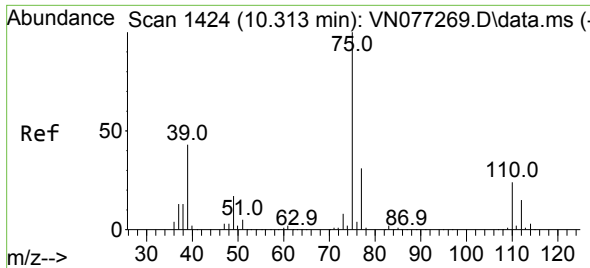
Tgt Ion: 43 Resp: 51661
Ion Ratio Lower Upper
43 100
55 24.6 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 4.539 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 75 Resp: 47939
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7

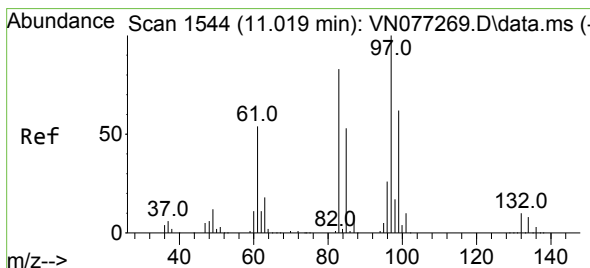
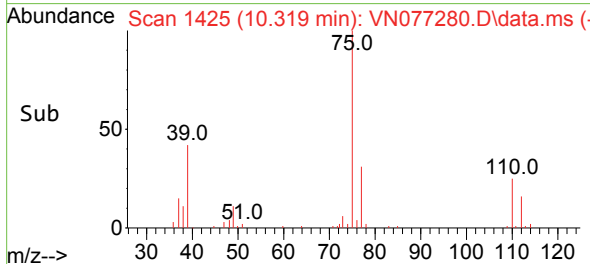
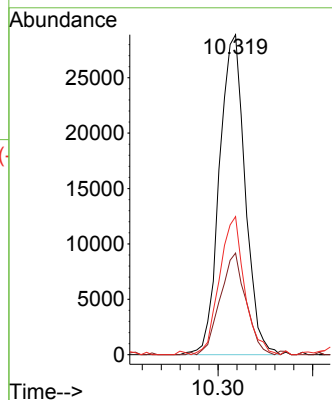
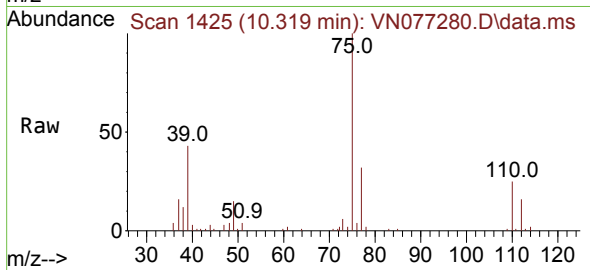




#49
 cis-1,3-Dichloropropene
 Concen: 4.842 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

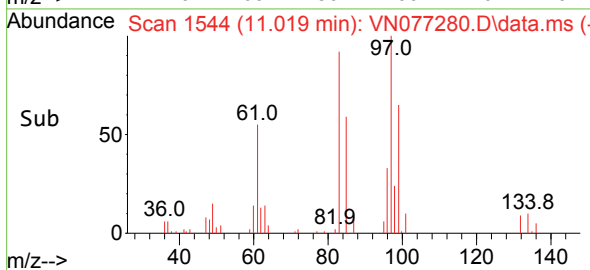
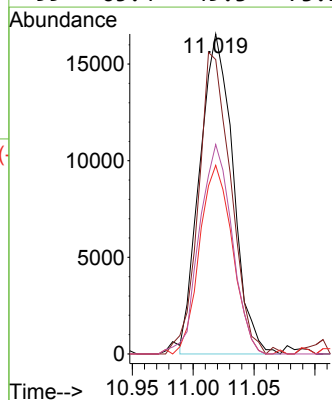
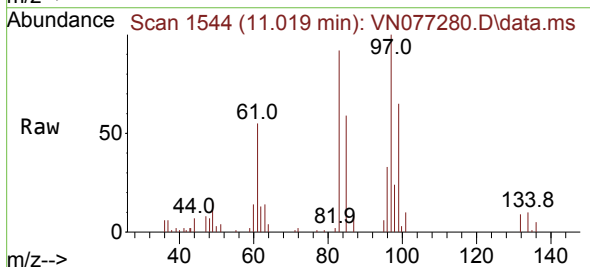
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

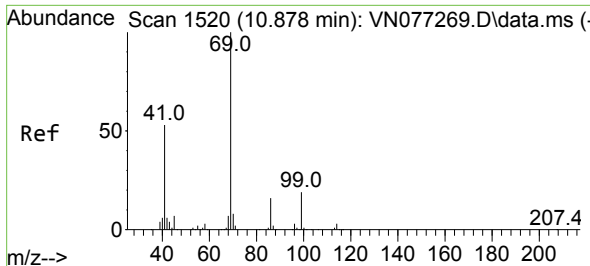
Tgt Ion: 75	Resp: 54405
Ion Ratio	Lower Upper
75 100	
77 31.8	25.0 37.6
39 43.1	34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 4.581 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

Tgt Ion: 97	Resp: 31497
Ion Ratio	Lower Upper
97 100	
83 91.1	66.7 100.1
85 57.7	42.4 63.6
99 65.4	49.3 73.9

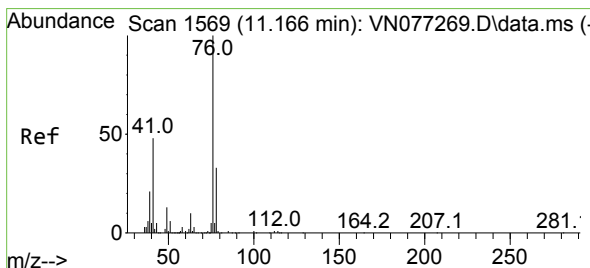
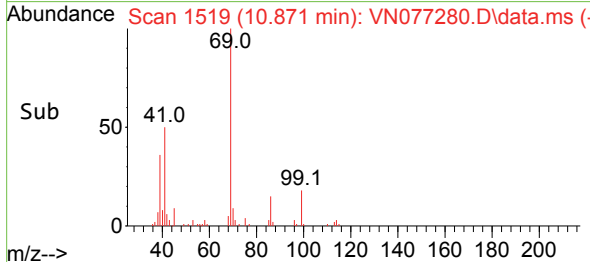
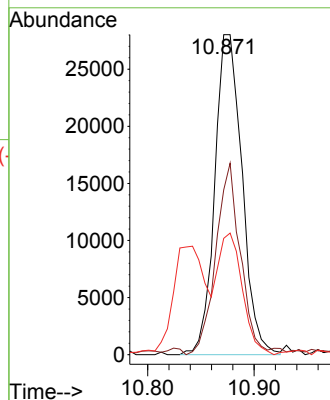
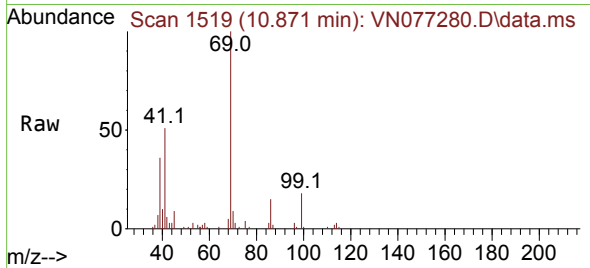




#51
Ethyl methacrylate
Concen: 4.728 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

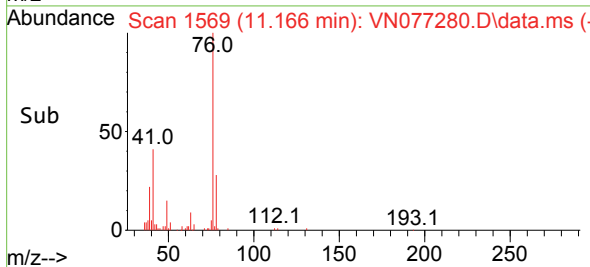
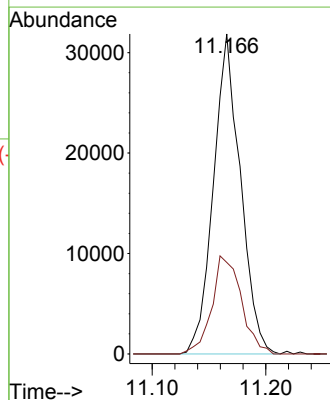
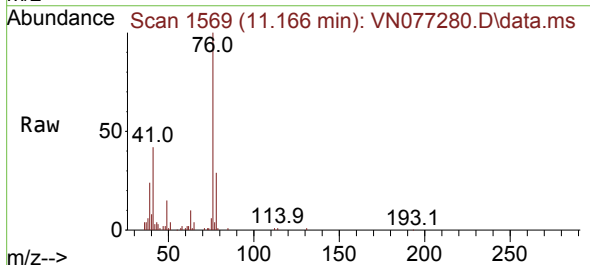
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

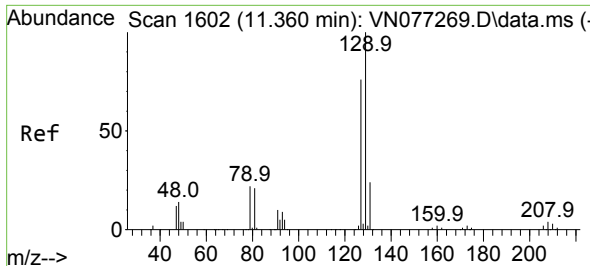
Tgt Ion: 69 Resp: 49912
Ion Ratio Lower Upper
69 100
41 49.8 26.7 80.0
39 35.7 17.0 50.9



#52
1,3-Dichloropropane
Concen: 4.582 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 76 Resp: 52576
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.0

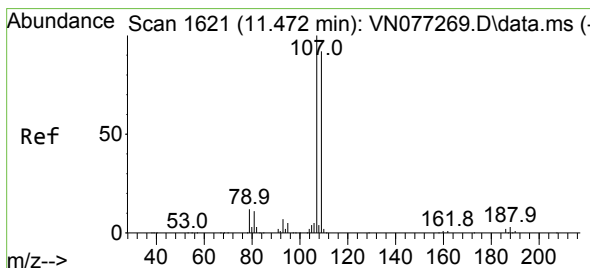
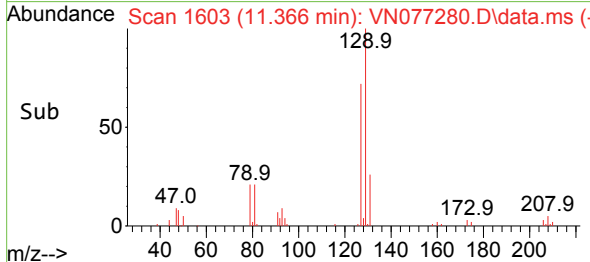
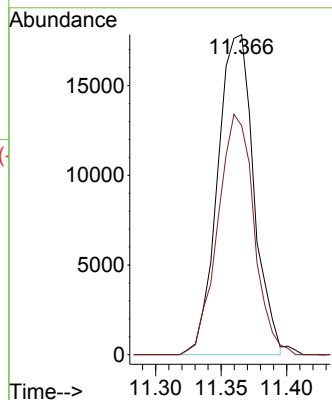
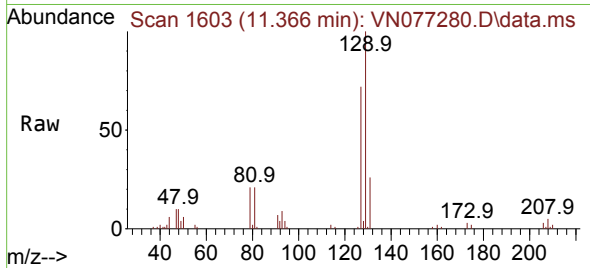




#53
Dibromochloromethane
Concen: 4.724 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

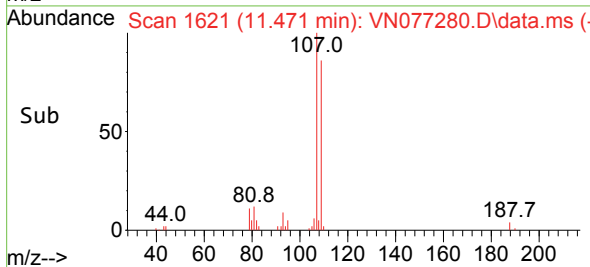
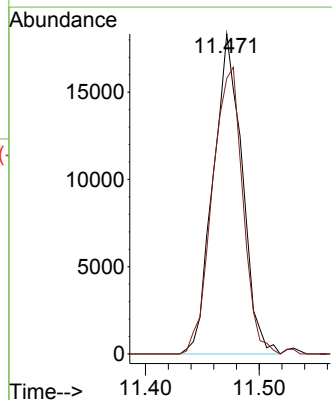
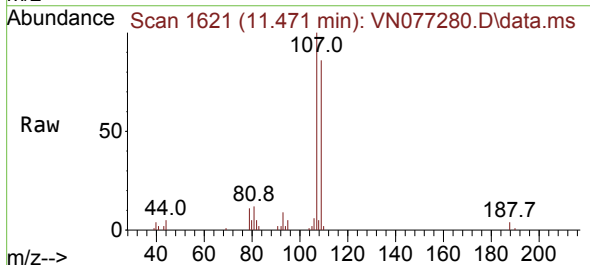
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

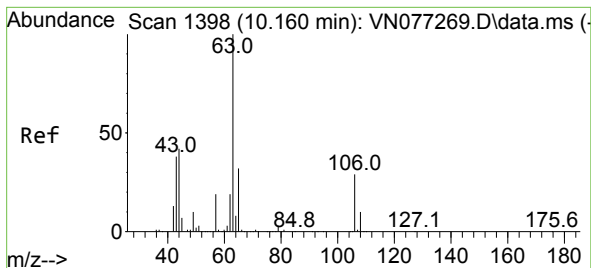
Tgt Ion:129 Resp: 34232
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.8



#54
1,2-Dibromoethane
Concen: 4.709 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:107 Resp: 32502
Ion Ratio Lower Upper
107 100
109 94.3 74.1 111.1

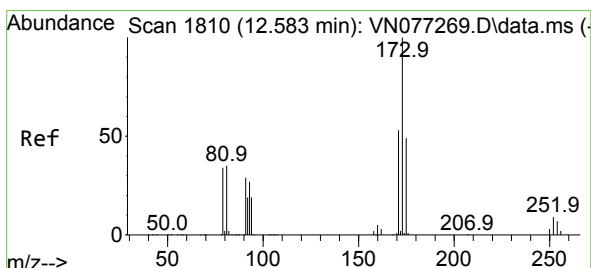
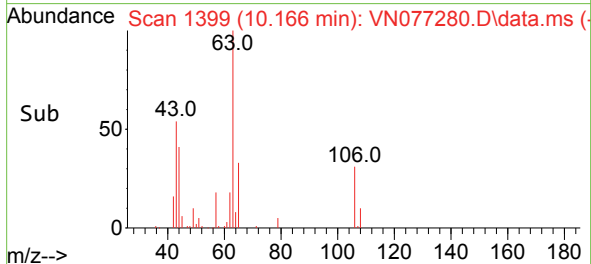
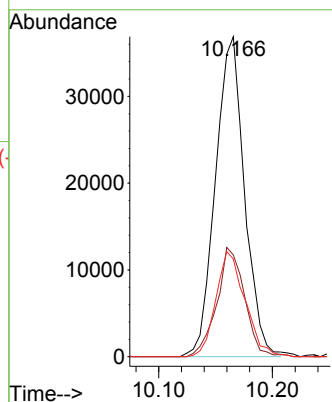
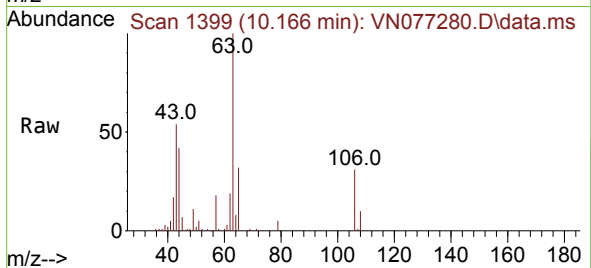




#55
2-Chloroethyl vinyl ether
Concen: 20.099 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

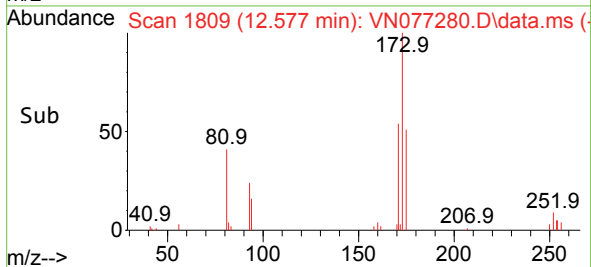
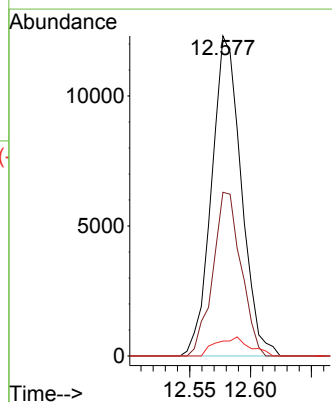
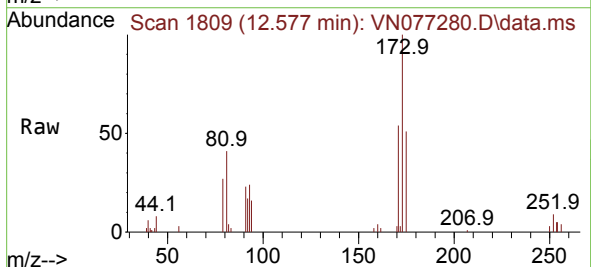
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

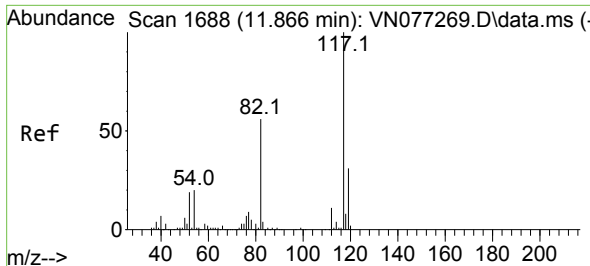
Tgt Ion: 63 Resp: 65515
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 33.1 24.0 36.0



#56
Bromoform
Concen: 4.278 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:173 Resp: 20823
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 6.7 6.0 9.0

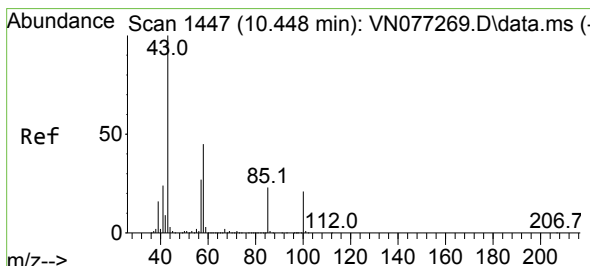
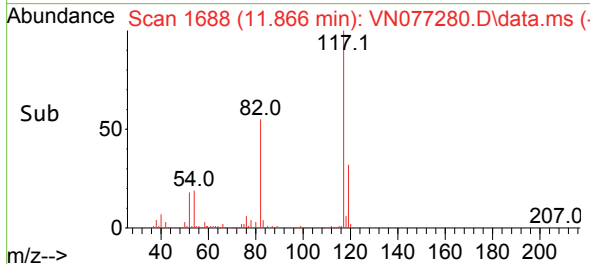
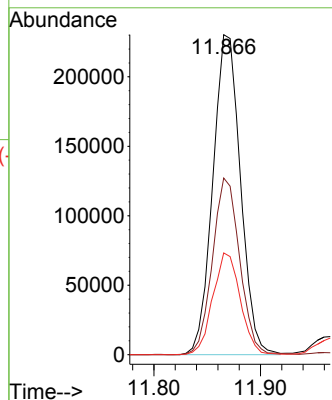
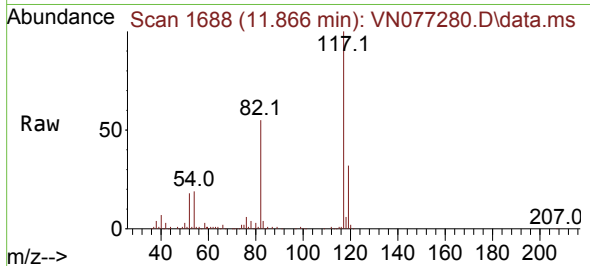




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

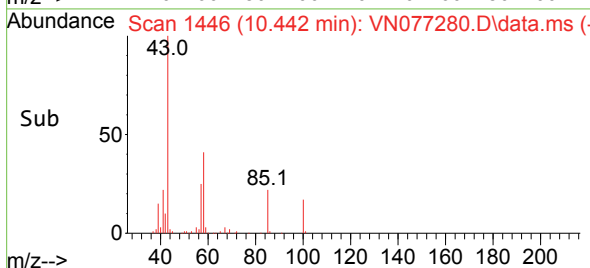
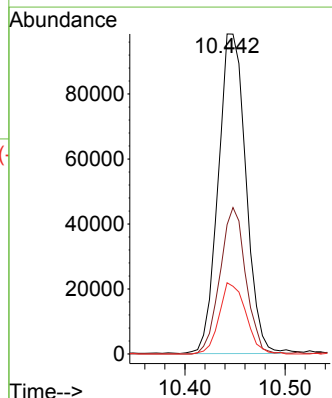
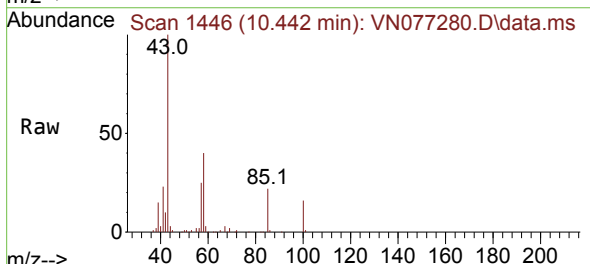
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

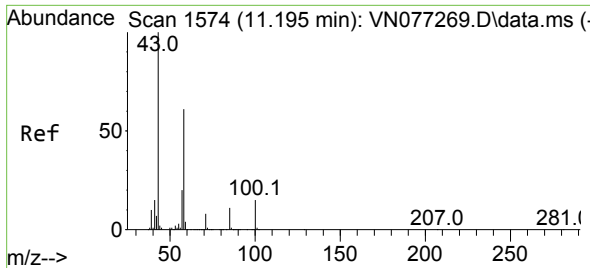
Tgt Ion:117 Resp: 414735
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.6 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 24.244 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 43 Resp: 188261
Ion Ratio Lower Upper
43 100
58 42.8 34.7 52.1
85 21.4 17.8 26.8

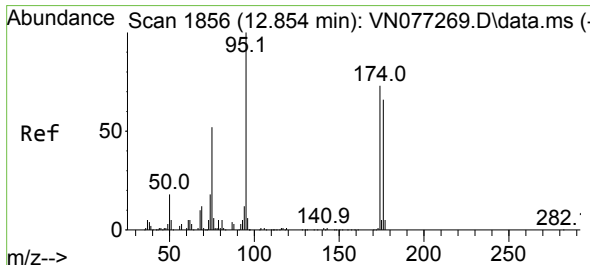
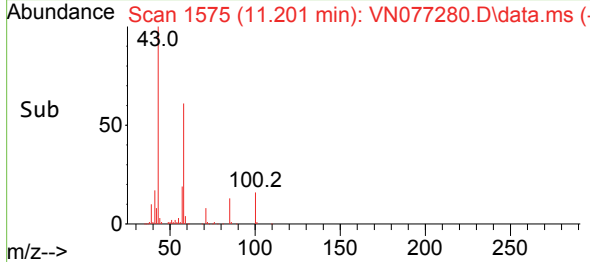
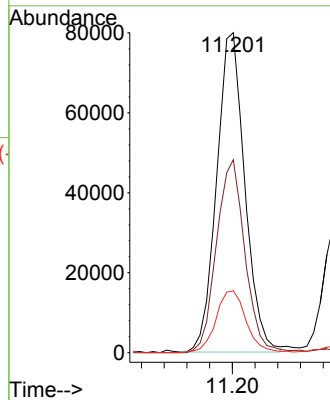
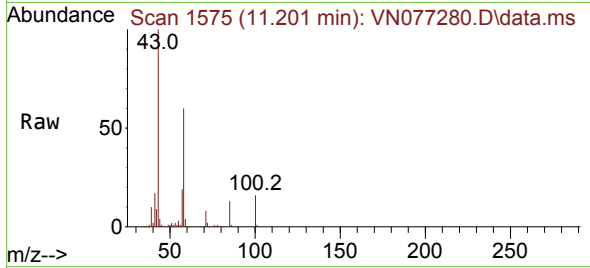




#59
2-Hexanone
Concen: 22.961 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

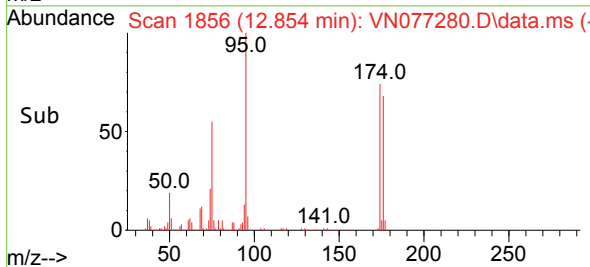
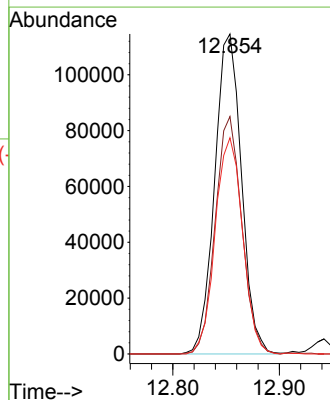
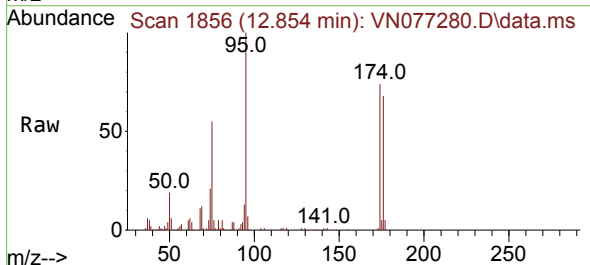
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

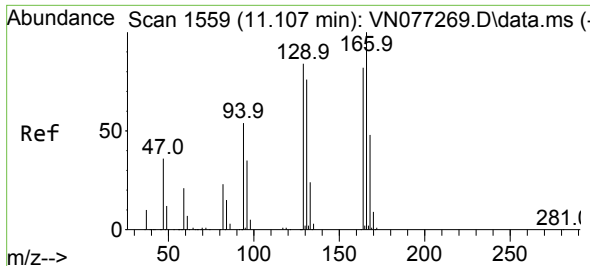
Tgt Ion: 43 Resp: 137819
Ion Ratio Lower Upper
43 100
58 60.8 48.6 73.0
57 20.8 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 27.944 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 95 Resp: 200398
Ion Ratio Lower Upper
95 100
174 73.4 57.8 86.8
176 69.1 54.6 81.8

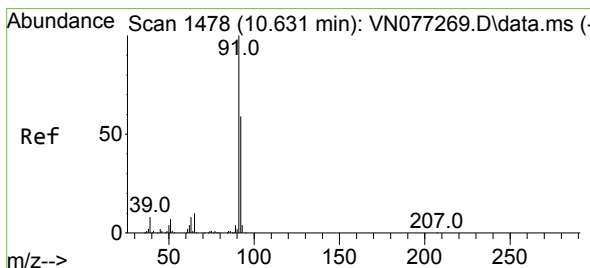
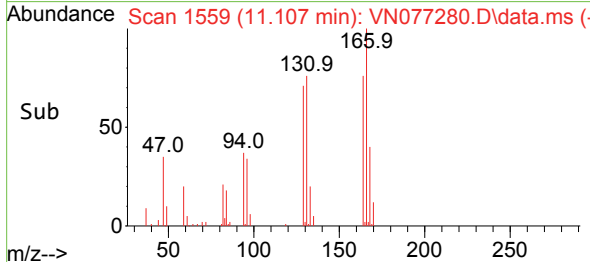
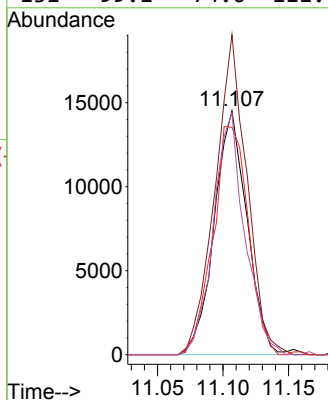
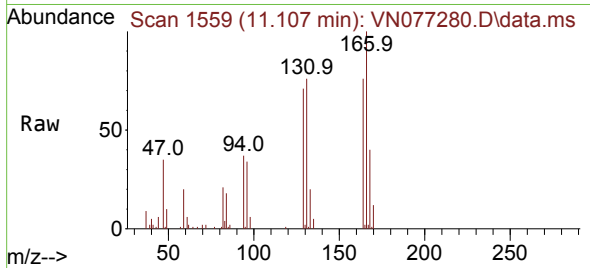




#61
Tetrachloroethene
Concen: 5.095 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

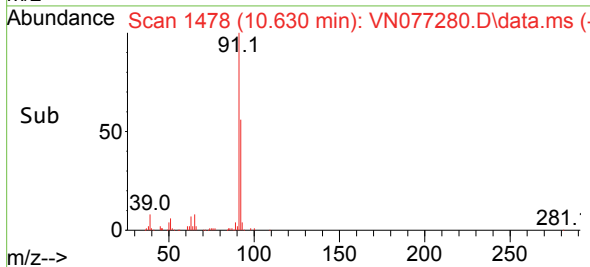
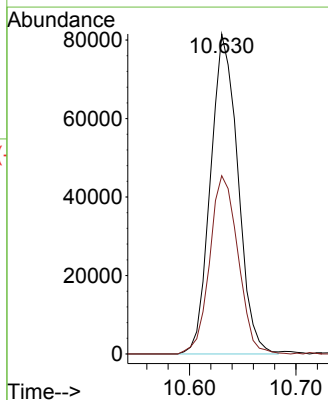
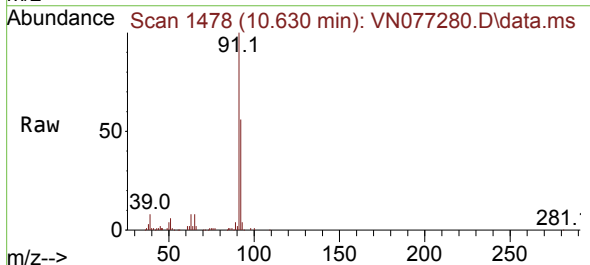
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

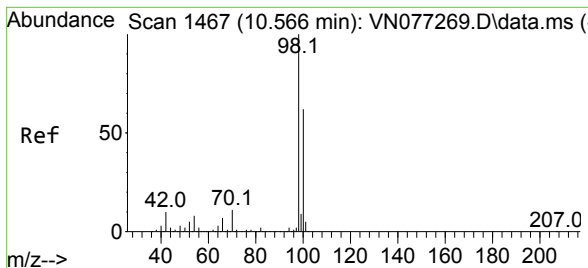
Tgt Ion:164	Resp:	25133
Ion	Ratio	Lower Upper
164	100	
166	131.2	97.9 146.9
129	93.2	82.5 123.7
131	99.1	74.0 111.0



#62
Toluene
Concen: 5.024 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 91	Resp:	145384
Ion	Ratio	Lower Upper
91	100	
92	57.5	46.6 70.0





#63

Toluene-d8

Concen: 30.742 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

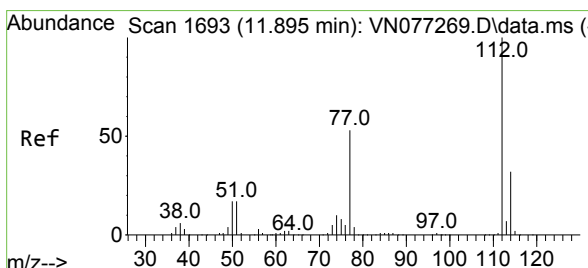
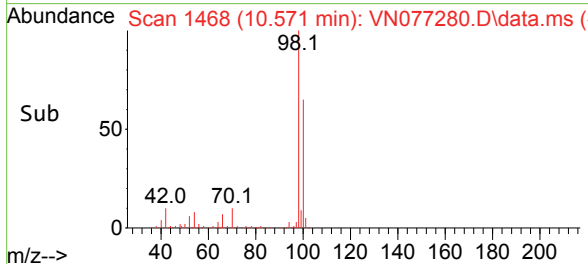
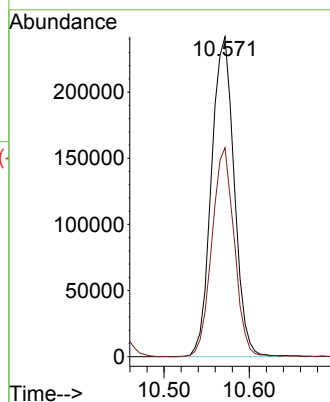
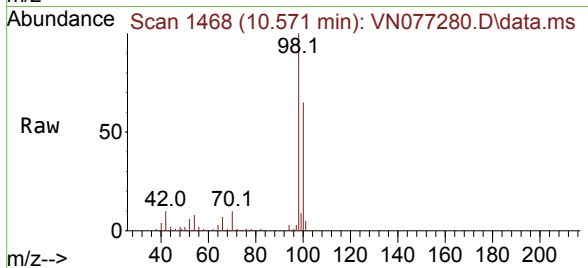
LOQ-WATER-02-QT2-2023

Tgt Ion: 98 Resp: 448209

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#64

Chlorobenzene

Concen: 4.850 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077280.D

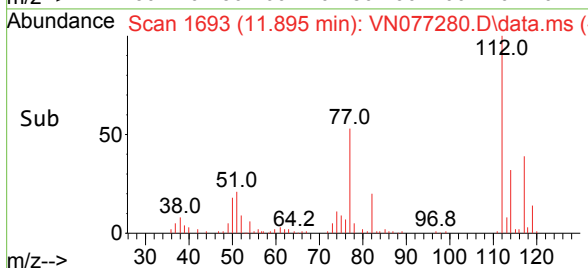
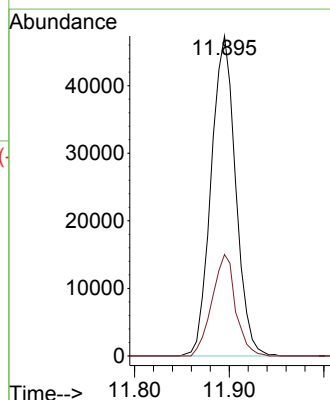
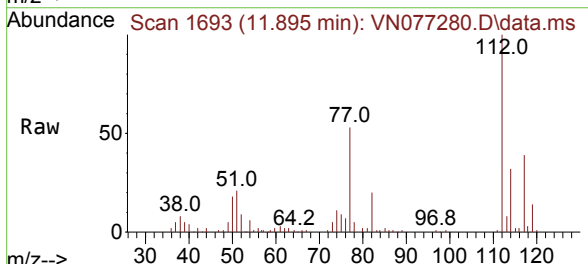
Acq: 07 Apr 2023 16:55

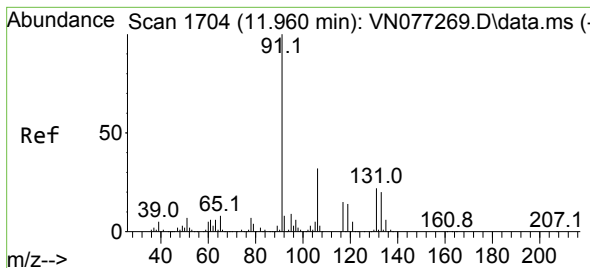
Tgt Ion: 112 Resp: 85266

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 4.721 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

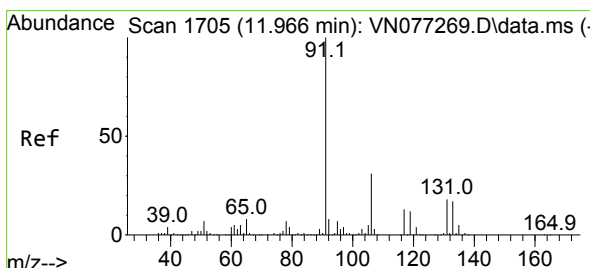
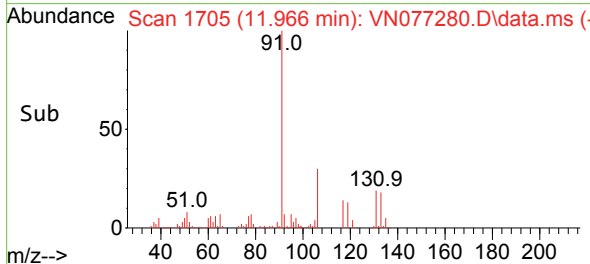
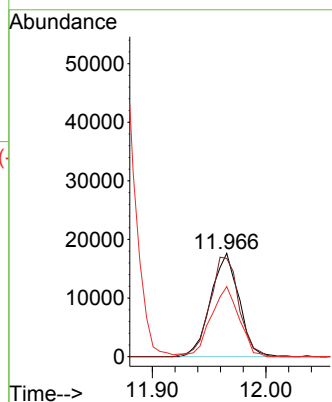
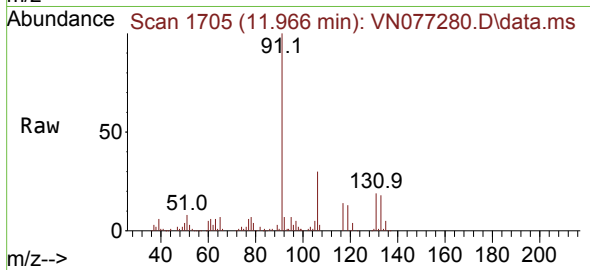
Tgt Ion:131 Resp: 30523

Ion Ratio Lower Upper

131 100

133 99.4 0.0 184.4

119 66.8 0.0 134.8



#66

Ethyl Benzene

Concen: 4.907 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077280.D

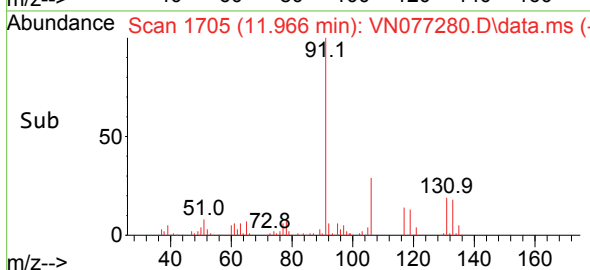
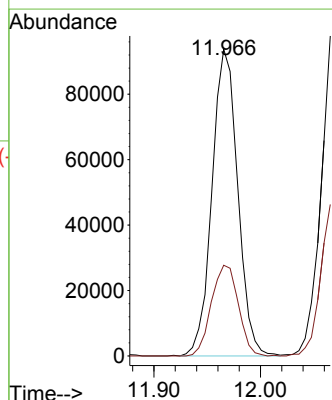
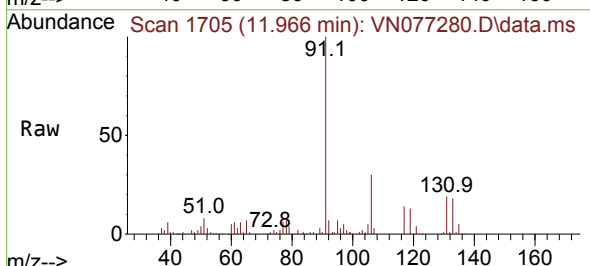
Acq: 07 Apr 2023 16:55

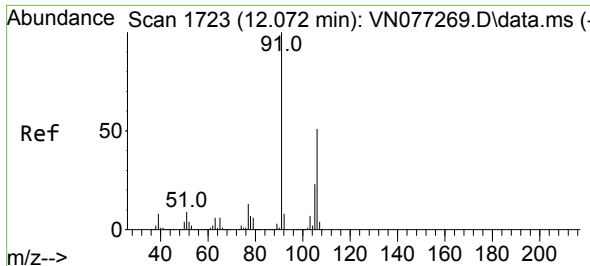
Tgt Ion: 91 Resp: 157318

Ion Ratio Lower Upper

91 100

106 29.6 25.0 37.6

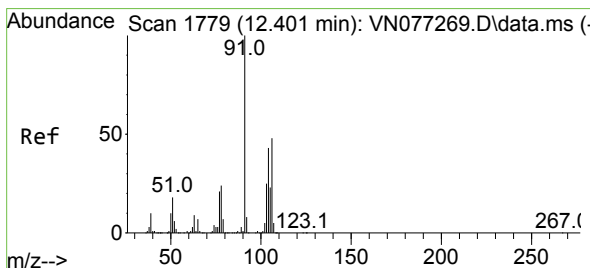
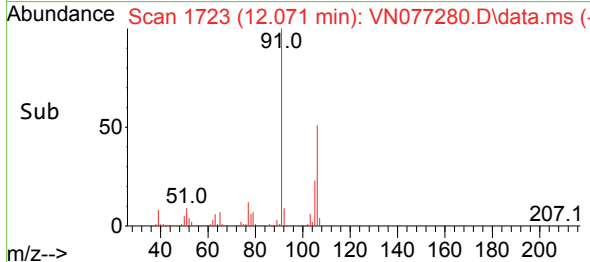
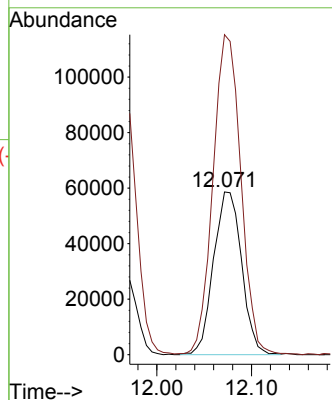
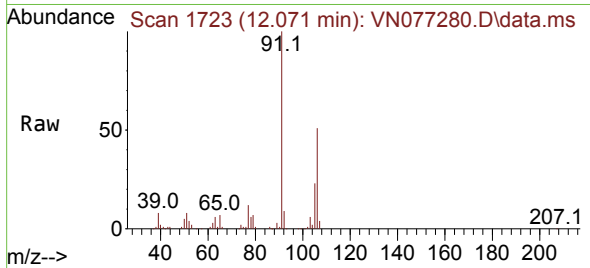




#67
m/p-Xylenes
Concen: 9.609 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

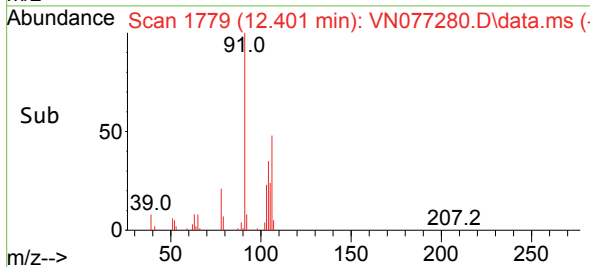
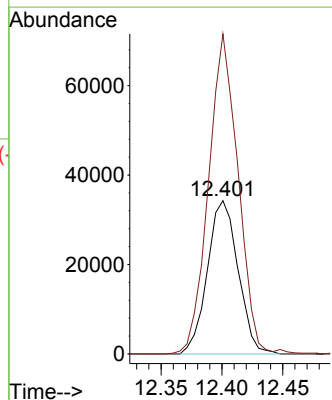
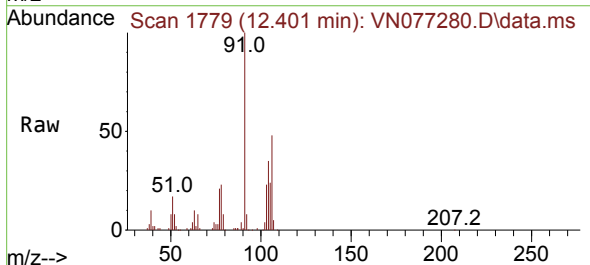
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

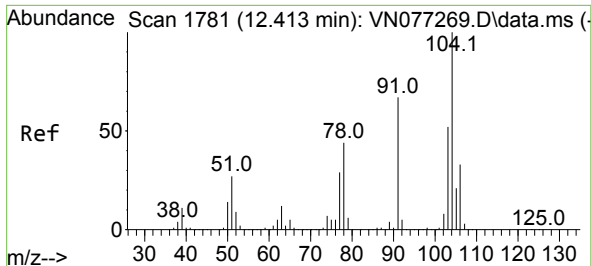
Tgt Ion:106 Resp: 120746
Ion Ratio Lower Upper
106 100
91 195.6 158.0 237.0



#68
o-Xylene
Concen: 4.789 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:106 Resp: 60209
Ion Ratio Lower Upper
106 100
91 200.1 103.6 310.8

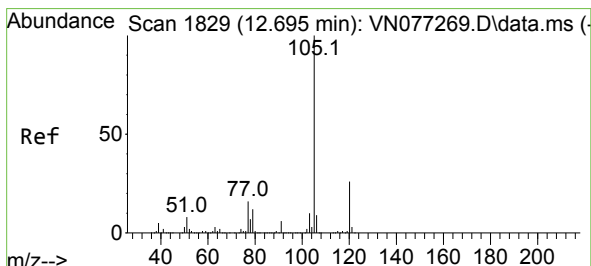
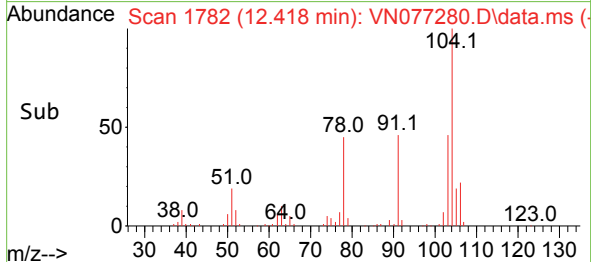
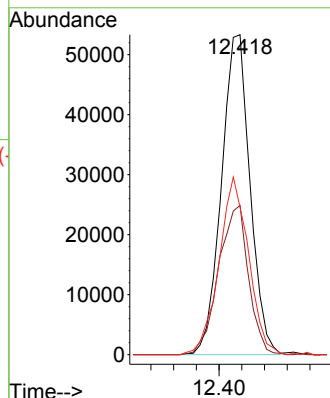
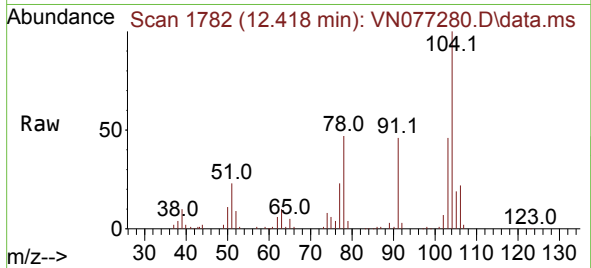




#69
Styrene
Concen: 4.623 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

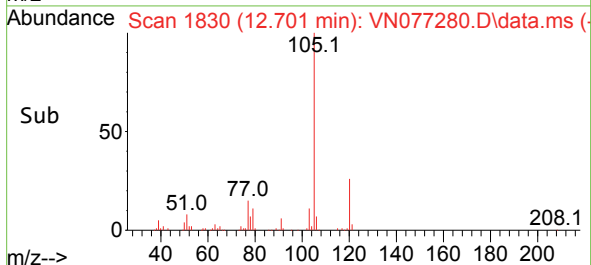
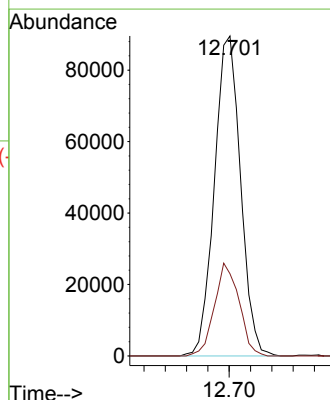
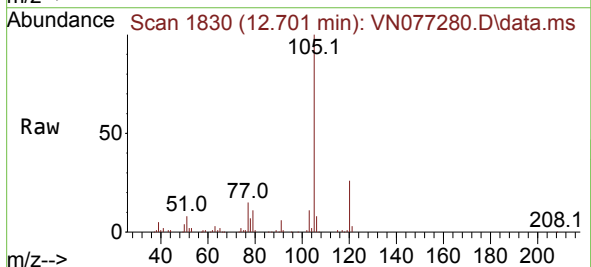
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

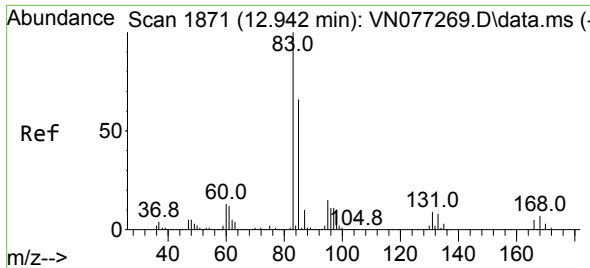
Tgt Ion:104 Resp: 93105
Ion Ratio Lower Upper
104 100
78 48.8 38.2 57.4
103 57.5 43.6 65.4



#70
Isopropylbenzene
Concen: 4.783 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:105 Resp: 152595
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1

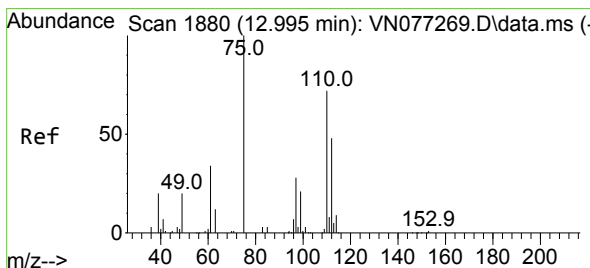
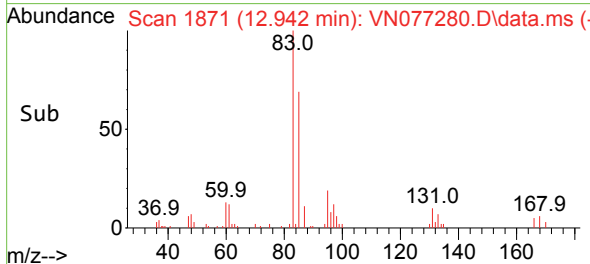
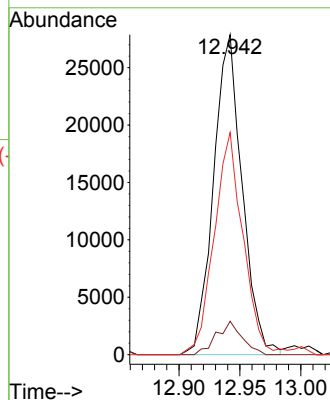
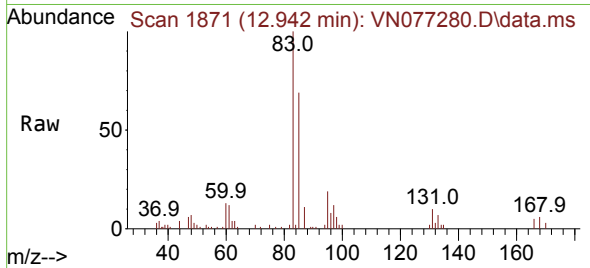




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.666 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

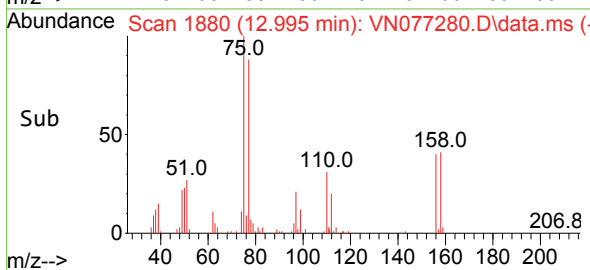
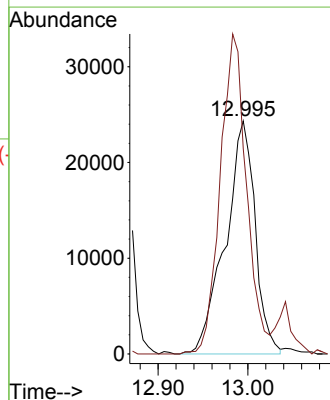
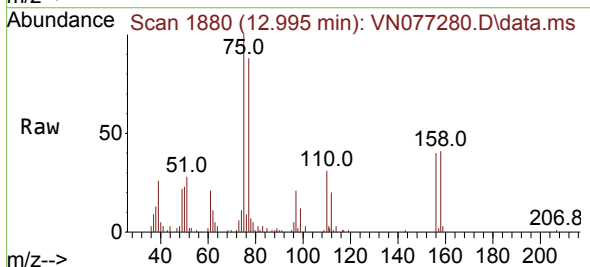
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2023

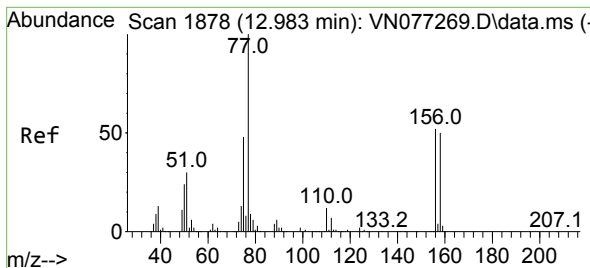
Tgt Ion: 83 Resp: 45585
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 69.4 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 8.452 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

Tgt Ion: 75 Resp: 56131
 Ion Ratio Lower Upper
 75 100
 77 118.8 0.0 434.2





#73

Bromobenzene

Concen: 4.852 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

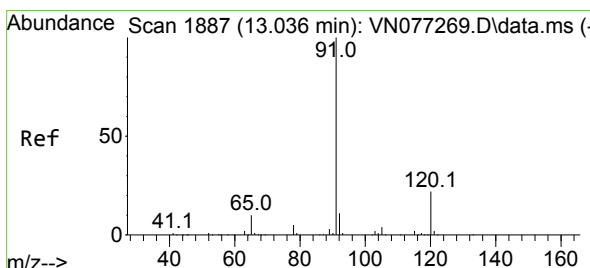
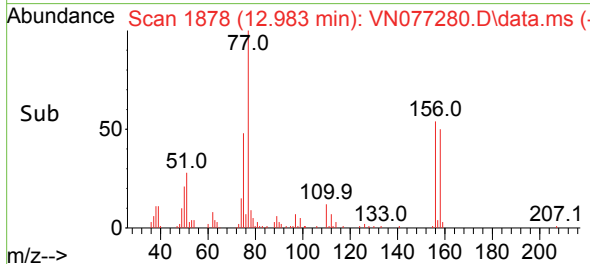
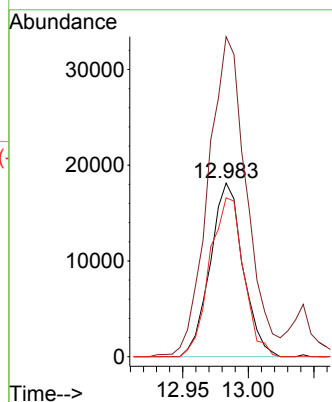
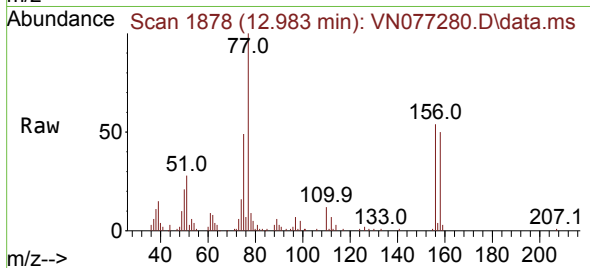
Tgt Ion:156 Resp: 31447

Ion Ratio Lower Upper

156 100

77 212.1 0.0 456.6

158 94.8 0.0 195.6



#74

n-propylbenzene

Concen: 4.438 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077280.D

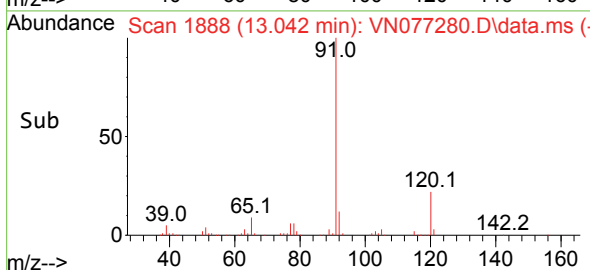
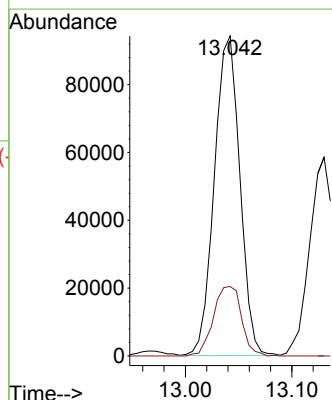
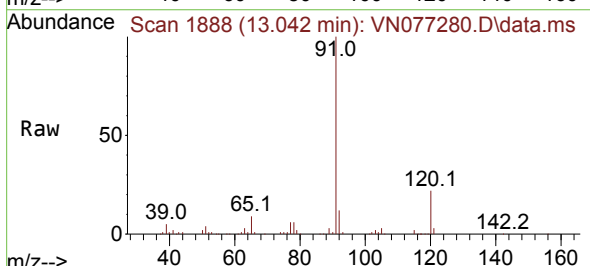
Acq: 07 Apr 2023 16:55

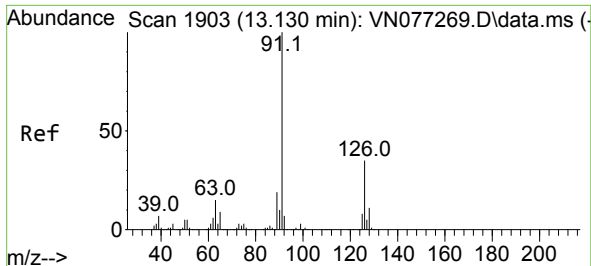
Tgt Ion: 91 Resp: 156659

Ion Ratio Lower Upper

91 100

120 23.8 0.0 45.6

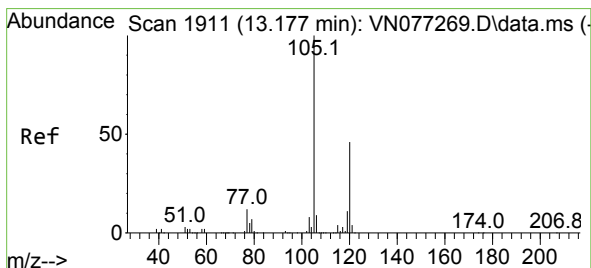
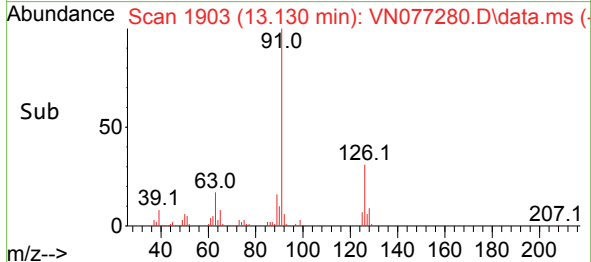
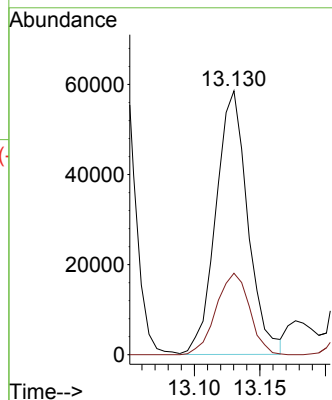
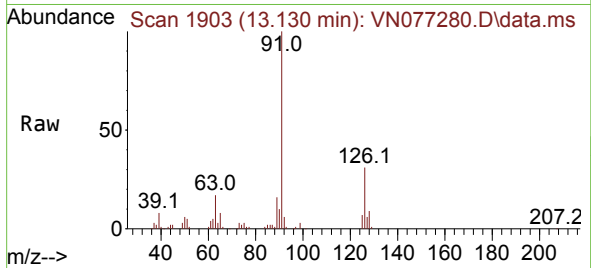




#75
2-Chlorotoluene
Concen: 4.691 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

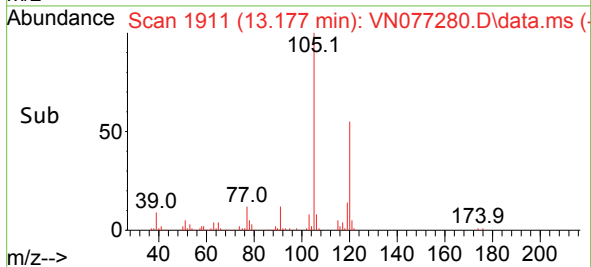
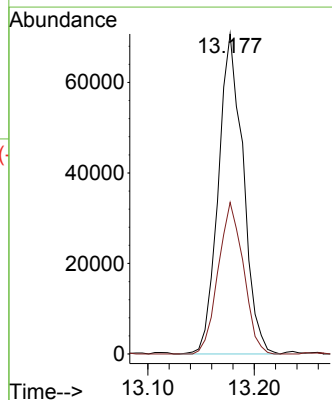
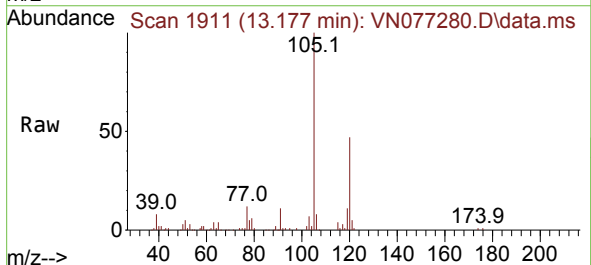
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

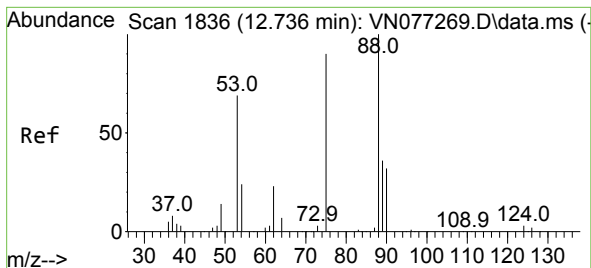
Tgt Ion: 91 Resp: 99191
Ion Ratio Lower Upper
91 100
126 32.3 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 4.399 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 105 Resp: 114238
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4

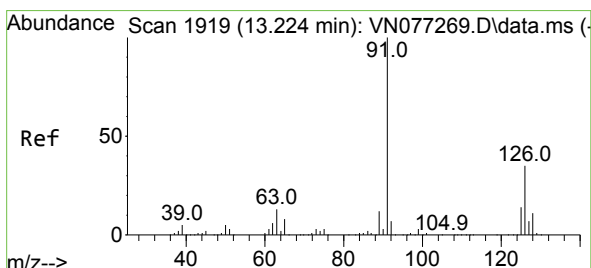
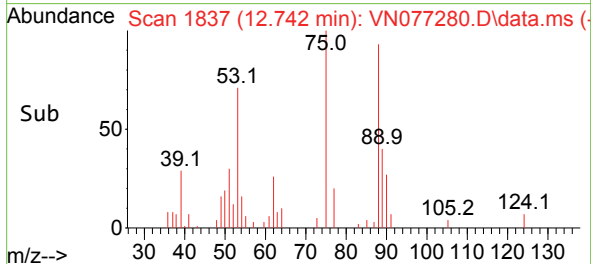
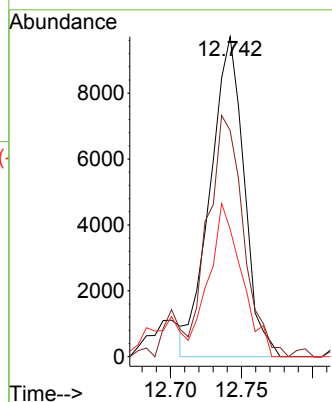
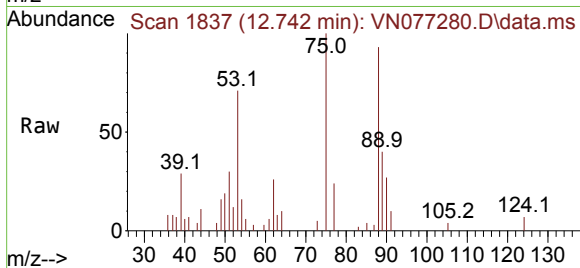




#77
t-1,4-Dichloro-2-butene
Concen: 4.751 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

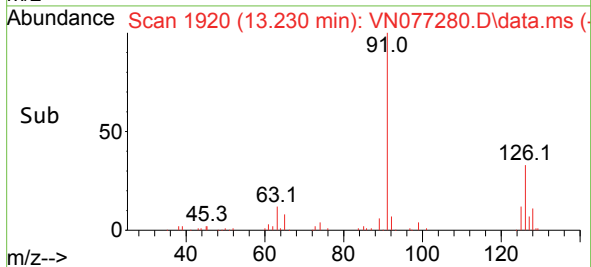
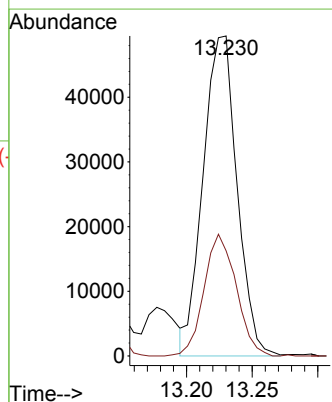
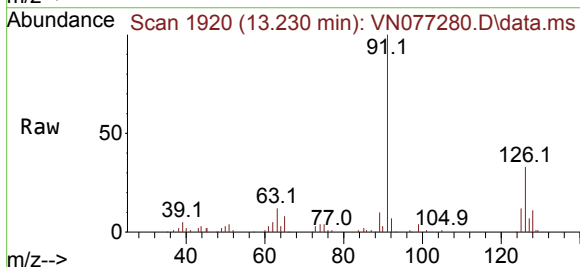
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

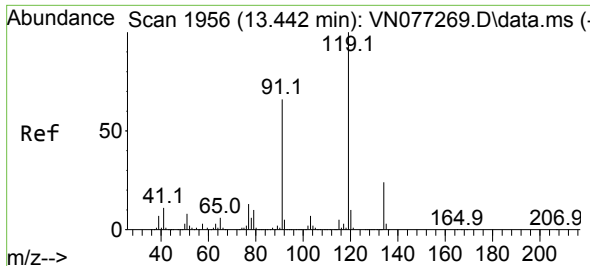
Tgt Ion:	75	Resp:	16071
Ion	Ratio	Lower	Upper
75	100		
53	67.9	38.8	116.4
89	39.9	23.2	69.6



#78
4-Chlorotoluene
Concen: 4.457 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:	91	Resp:	89047
Ion	Ratio	Lower	Upper
91	100		
126	36.1	0.0	67.4

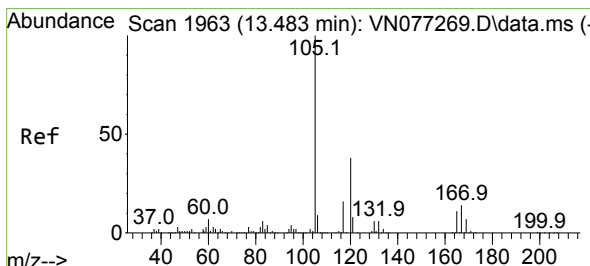
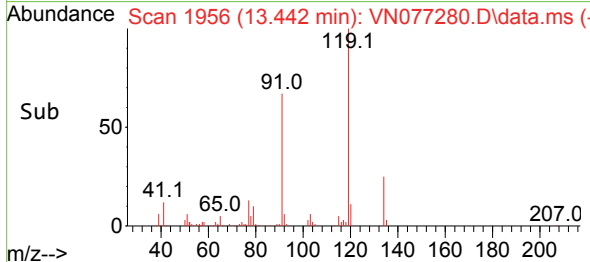
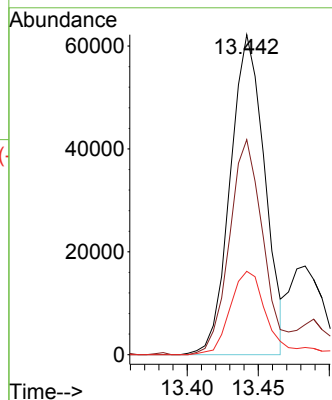
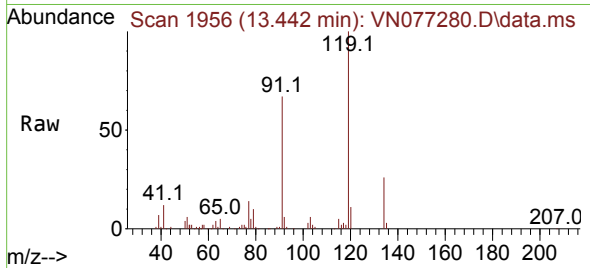




#79
tert-butylbenzene
Concen: 4.631 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

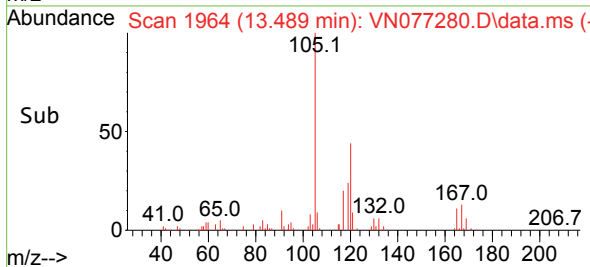
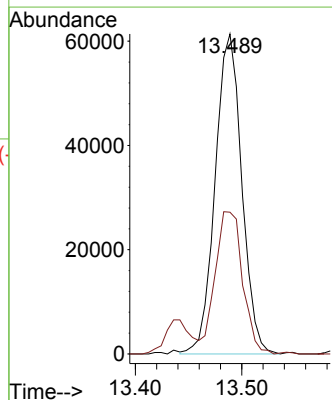
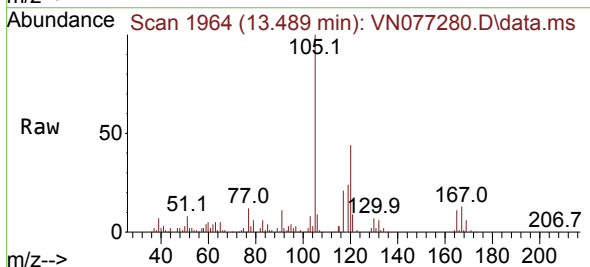
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023

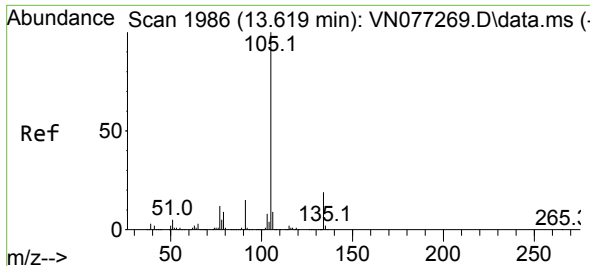
Tgt Ion:119 Resp: 104650
Ion Ratio Lower Upper
119 100
91 66.0 0.0 131.0
134 26.8 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 4.205 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:105 Resp: 106428
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.0

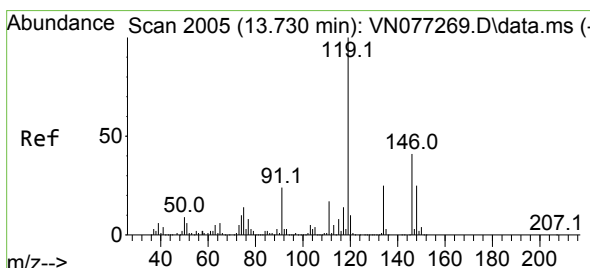
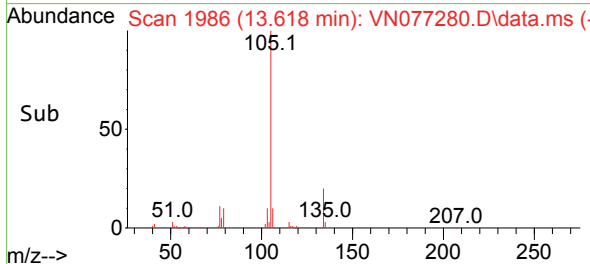
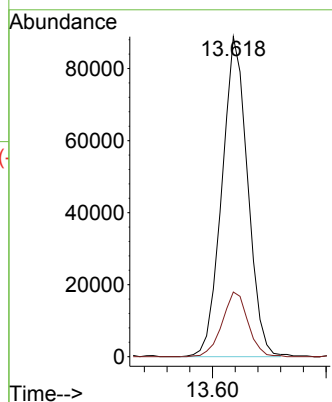
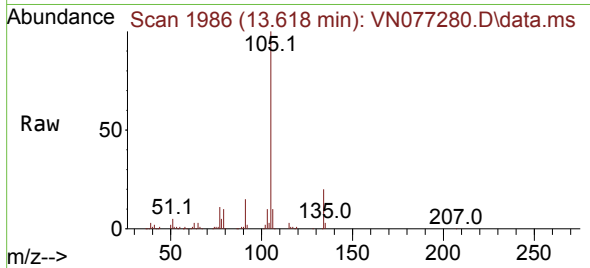




#81
 sec-Butylbenzene
 Concen: 4.337 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

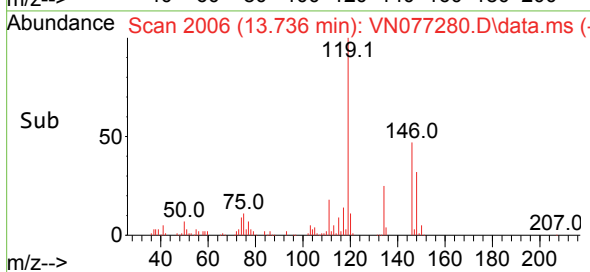
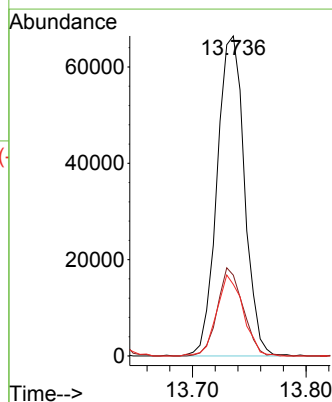
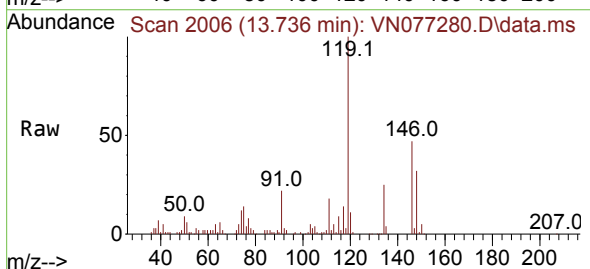
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2023

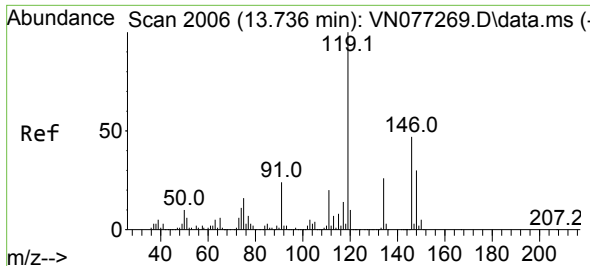
Tgt Ion:105 Resp: 139981
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 4.299 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077280.D
 Acq: 07 Apr 2023 16:55

Tgt Ion:119 Resp: 111161
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.0
 91 24.5 0.0 48.0

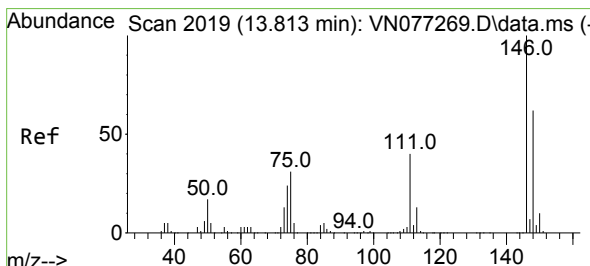
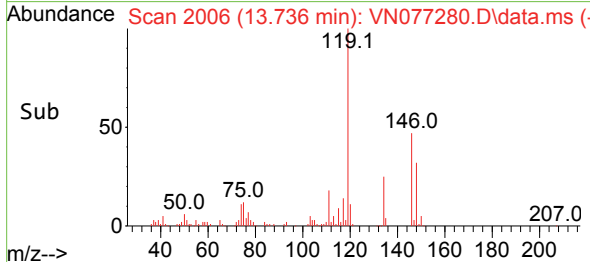
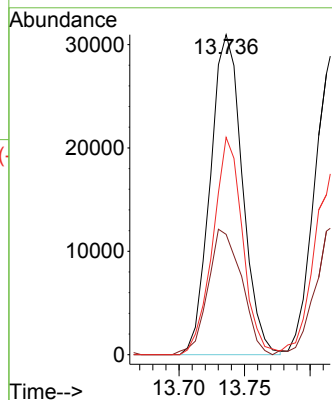
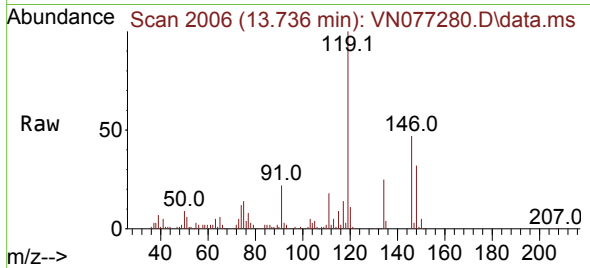




#83
1,3-Dichlorobenzene
Concen: 4.293 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

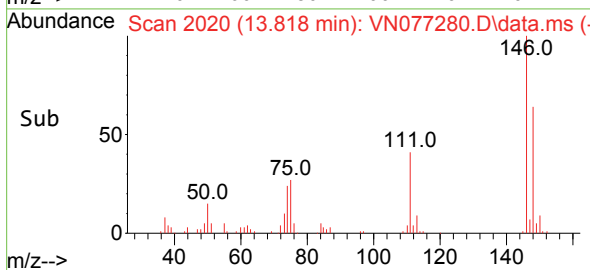
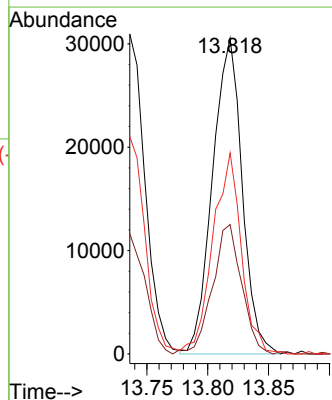
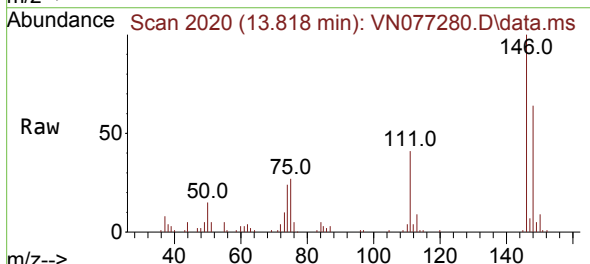
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

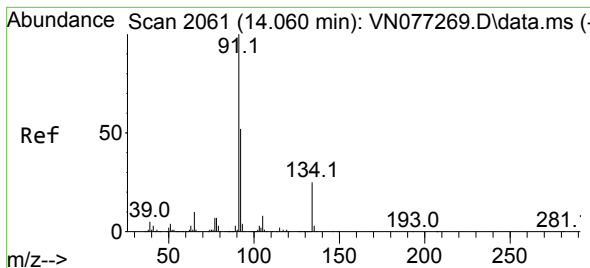
Tgt Ion:146 Resp: 52758
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 62.9 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 4.326 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:146 Resp: 51584
Ion Ratio Lower Upper
146 100
111 39.8 20.3 61.0
148 59.3 31.6 94.7





#85

n-Butylbenzene

Concen: 3.926 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

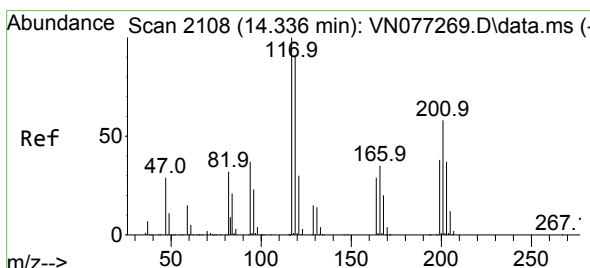
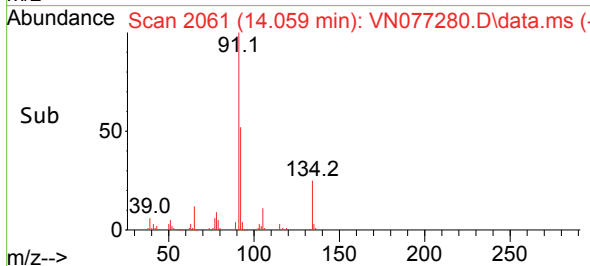
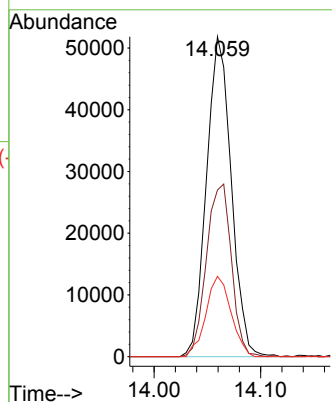
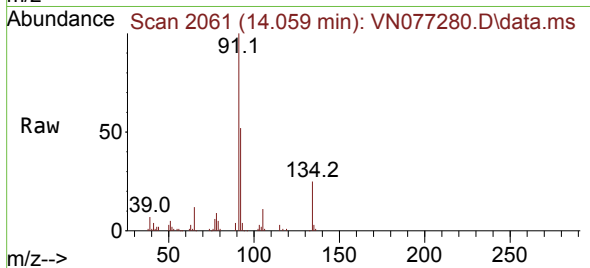
Tgt Ion: 91 Resp: 83887

Ion Ratio Lower Upper

91 100

92 54.3 0.0 105.6

134 25.6 0.0 49.4



#86

Hexachloroethane

Concen: 4.395 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077280.D

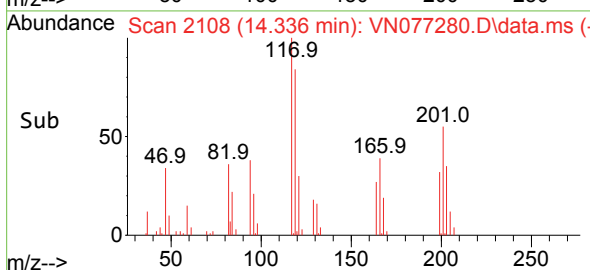
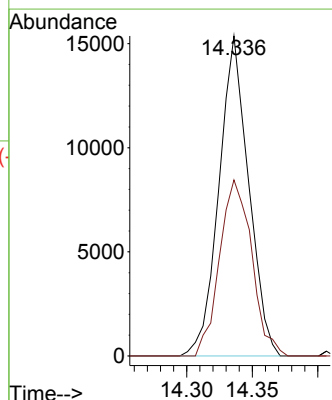
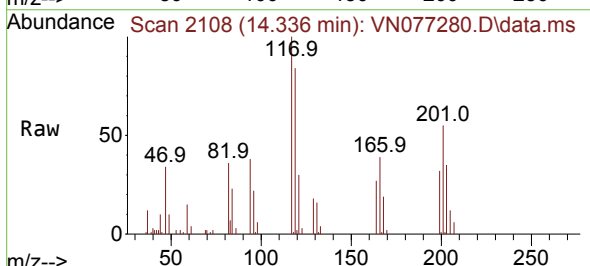
Acq: 07 Apr 2023 16:55

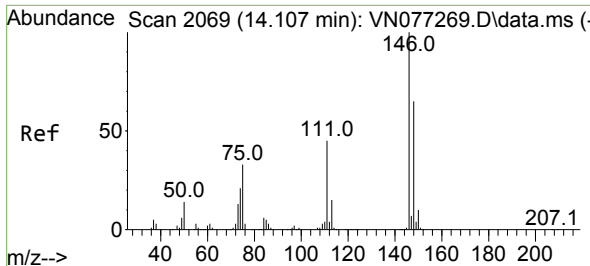
Tgt Ion: 117 Resp: 24172

Ion Ratio Lower Upper

117 100

201 59.7 29.1 87.4

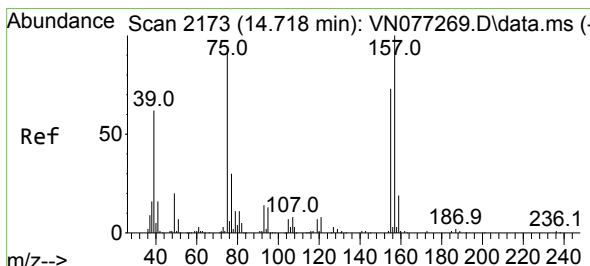
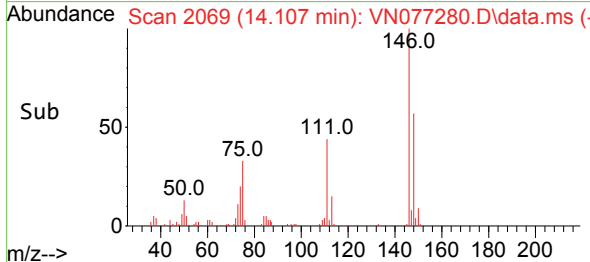
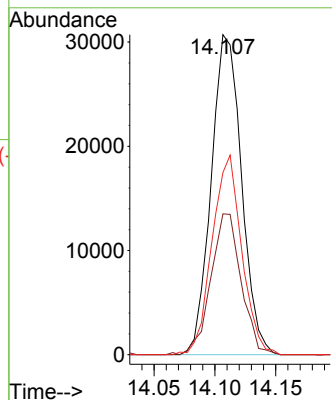
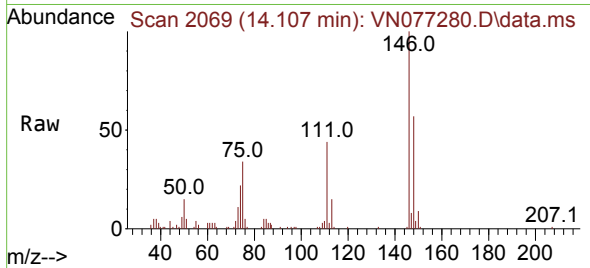




#87
1,2-Dichlorobenzene
Concen: 4.426 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

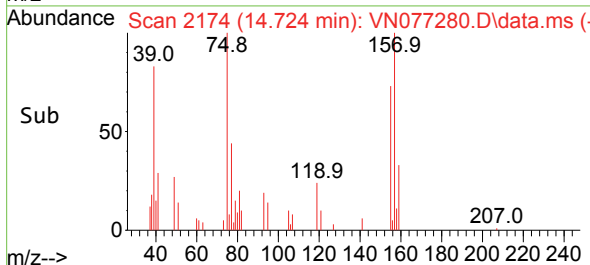
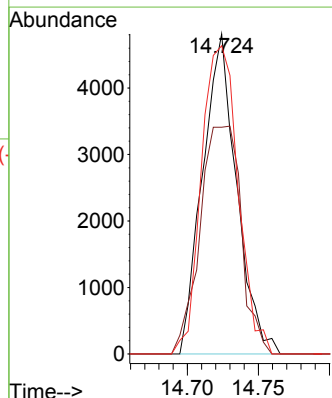
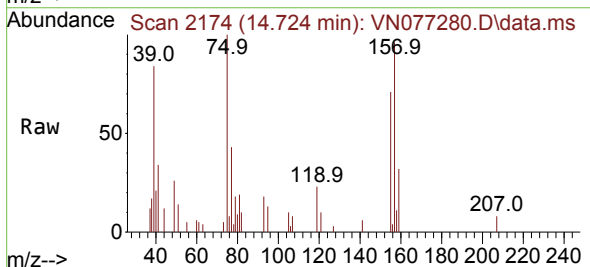
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

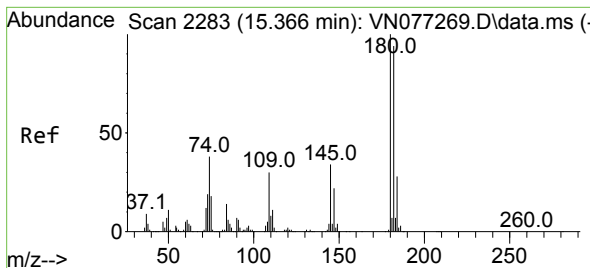
Tgt Ion:	146	Resp:	53296
Ion Ratio	Lower	Upper	
146	100		
111	43.7	22.1	66.5
148	60.9	31.9	95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.280 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077280.D
Acq: 07 Apr 2023 16:55

Tgt Ion:	75	Resp:	8013
Ion Ratio	Lower	Upper	
75	100		
155	85.9	67.8	101.6
157	104.1	86.3	129.5





#89

1,2,4-Trichlorobenzene

Concen: 3.150 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077280.D

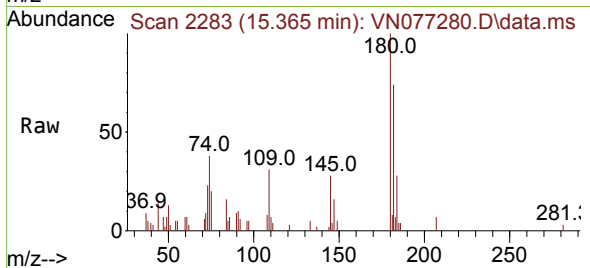
Acq: 07 Apr 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



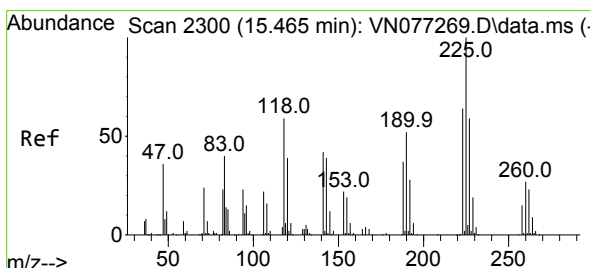
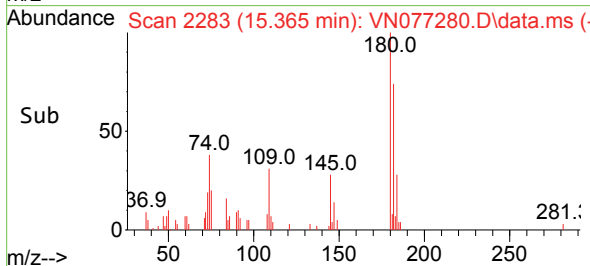
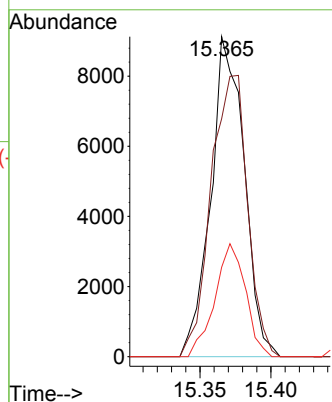
Tgt Ion:180 Resp: 14919

Ion Ratio Lower Upper

180 100

182 96.1 75.6 113.4

145 32.4 26.7 40.1



#90

Hexachlorobutadiene

Concen: 4.683 ug/l

RT: 15.471 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

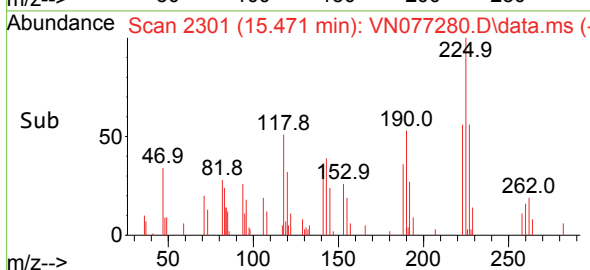
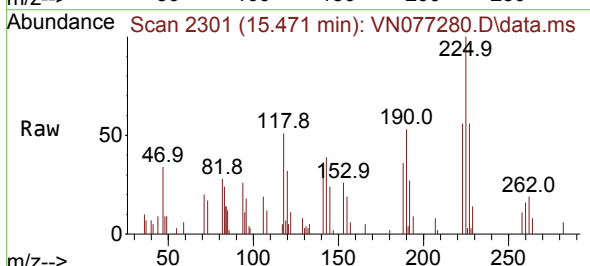
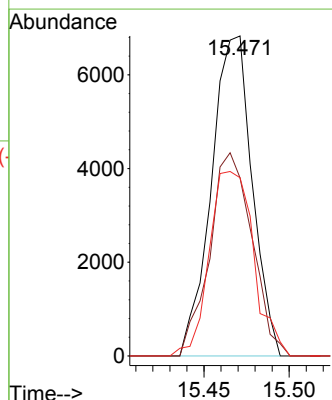
Tgt Ion:225 Resp: 11376

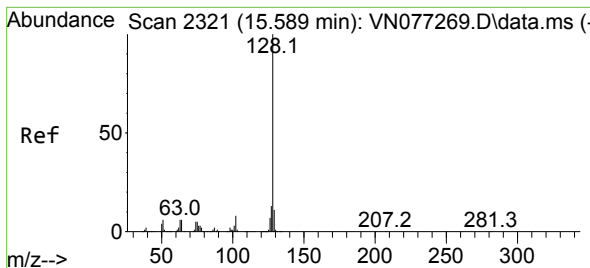
Ion Ratio Lower Upper

225 100

223 66.1 0.0 126.0

227 62.5 0.0 127.2





#91

Naphthalene

Concen: 2.675 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

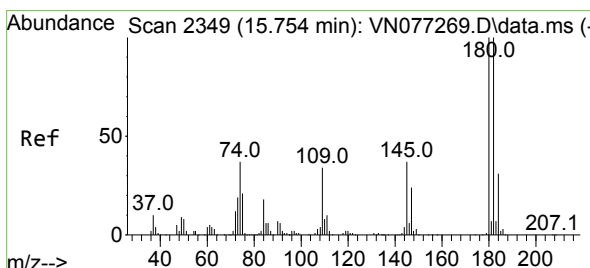
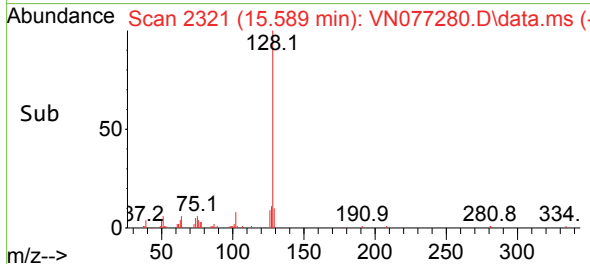
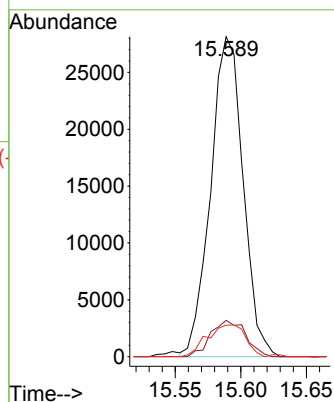
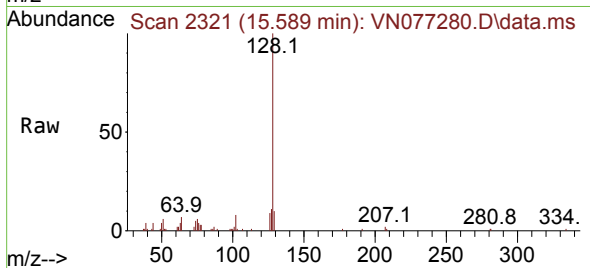
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:128	Resp:	48407
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.2 15.2
129	11.8	8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 3.510 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077280.D

Acq: 07 Apr 2023 16:55

Tgt Ion:180	Resp:	16222
Ion Ratio	Lower	Upper
180	100	
182	77.9	0.0 190.4
145	30.2	0.0 72.4

