

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077201.D
 Acq On : 27 Mar 2023 14:01
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 28 06:43:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	39907	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	262280	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	289555	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	122913	30.328	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.100%	
60) 4-Bromofluorobenzene	12.854	95	139246	26.769	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.233%	
63) Toluene-d8	10.572	98	310880	30.077	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	9157	3.485	ug/l	75
3) Chloromethane	2.372	50	15607	3.732	ug/l	97
4) Vinyl Chloride	2.531	62	16043	2.721	ug/l #	83
5) Bromomethane	2.966	94	14793	3.578	ug/l	95
6) Chloroethane	3.131	64	15020	3.056	ug/l	100
7) Trichlorofluoromethane	3.513	101	29131	3.432	ug/l	100
8) Diethyl Ether	3.978	74	8886	2.984	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.390	101	4433	0.999	ug/l #	1
10) 1,1-Dichloroethene	4.354	96	8618	2.075	ug/l #	79
11) Methyl Iodide	4.601	142	7645	1.729	ug/l #	82
12) Methyl Acetate	5.037	43	20967	2.342	ug/l	98
13) Acrolein	4.195	56	14211	11.711	ug/l #	66
14) Acrylonitrile	5.725	53	14986	5.517	ug/l #	75
15) Acetone	4.448	58	11999	16.895	ug/l	79
16) Carbon Disulfide	4.725	76	31572	2.692	ug/l #	89
17) Allyl chloride	5.031	41	19464	2.665	ug/l	89
18) Methylene Chloride	5.284	84	8052	1.578	ug/l	97
19) trans-1,2-Dichloroethene	5.784	96	4899	1.101	ug/l	92
20) Diisopropyl ether	6.684	45	40022	2.419	ug/l	94
21) 1,1-Dichloroethane	6.578	63	25574	2.746	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	8422	1.603	ug/l #	71
23) tert-Butyl Alcohol	5.531	59	5989	6.496	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	36141	2.451	ug/l #	81
25) Chloroform	7.966	83	24918	2.734	ug/l	99
26) Cyclohexane	8.254	56	18392	2.341	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	15828	2.488	ug/l	84
30) 2-Butanone	7.495	43	49813	13.571	ug/l #	96
31) 2,2-Dichloropropane	7.489	77	10294	1.727	ug/l #	90
32) 1,1,1-Trichloroethane	8.172	97	20714	2.700	ug/l	96
33) Carbon Tetrachloride	8.366	117	18179	2.821	ug/l	95
34) Benzene	8.613	78	52217	2.677	ug/l #	85
35) Methacrylonitrile	7.789	41	10413	2.584	ug/l	92
36) 1,2-Dichloroethane	8.678	62	20372	2.833	ug/l	95
37) Trichloroethene	9.354	130	12173	2.761	ug/l	88
38) Methylcyclohexane	9.601	83	18630	2.460	ug/l	96
39) 1,2-Dichloropropane	9.625	63	13746	2.633	ug/l	99
40) Dibromomethane	9.713	93	9365	2.805	ug/l	94
41) Bromodichloromethane	9.883	83	17855	2.626	ug/l #	93
42) Vinyl Acetate	6.613	43	128011	11.635	ug/l	99

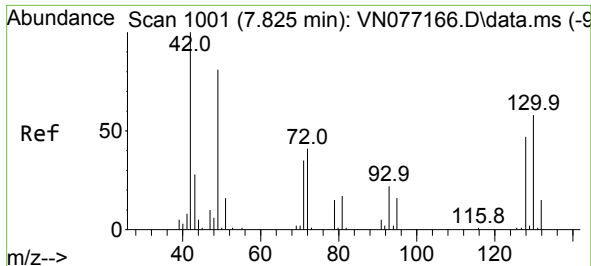
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077201.D
 Acq On : 27 Mar 2023 14:01
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 28 06:43:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	16931	2.309	ug/l #	88
44) Isopropyl Acetate	8.695	43	29584	2.500	ug/l	98
45) 1,4-Dioxane	9.695	88	4537	47.152	ug/l #	71
46) Methyl methacrylate	9.689	41	13004	2.383	ug/l	80
47) n-amyl Acetate	12.495	43	20503	2.059	ug/l	95
48) t-1,3-Dichloropropene	10.842	75	17056	2.470	ug/l	91
49) cis-1,3-Dichloropropene	10.319	75	18299	2.420	ug/l #	87
50) 1,1,2-Trichloroethane	11.013	97	12777	2.726	ug/l #	83
51) Ethyl methacrylate	10.877	69	15684	2.167	ug/l	95
52) 1,3-Dichloropropane	11.160	76	21975	2.641	ug/l	77
53) Dibromochloromethane	11.360	129	12086	2.491	ug/l	94
54) 1,2-Dibromoethane	11.471	107	12012	2.604	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	29475	9.742	ug/l	98
56) Bromoform	12.583	173	8296	2.436	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	86006	11.509	ug/l	98
59) 2-Hexanone	11.195	43	60322	11.070	ug/l	99
61) Tetrachloroethene	11.107	164	10271	2.826	ug/l #	82
62) Toluene	10.636	91	53557	2.632	ug/l	95
64) Chlorobenzene	11.895	112	31656	2.629	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.960	131	11457	2.591	ug/l	94
66) Ethyl Benzene	11.966	91	49907	2.282	ug/l	92
67) m/p-Xylenes	12.071	106	37116	4.411	ug/l	99
68) o-Xylene	12.401	106	18566	2.253	ug/l	92
69) Styrene	12.413	104	26183	1.957	ug/l	96
70) Isopropylbenzene	12.701	105	44112	2.065	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.936	83	18063	2.583	ug/l	95
72) 1,2,3-Trichloropropane	12.995	75	20720	3.347	ug/l	75
73) Bromobenzene	12.983	156	11711	2.452	ug/l	88
74) n-propylbenzene	13.036	91	49775	2.012	ug/l	99
75) 2-Chlorotoluene	13.124	91	33423	2.241	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	34474	1.944	ug/l	94
77) t-1,4-Dichloro-2-butene	12.742	75	3896	1.974	ug/l	92
78) 4-Chlorotoluene	13.224	91	30300	2.112	ug/l	96
79) tert-butylbenzene	13.442	119	31820	2.100	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	29708	1.688	ug/l	98
81) sec-Butylbenzene	13.618	105	39808	1.820	ug/l	96
82) p-Isopropyltoluene	13.730	119	29338	1.673	ug/l	96
83) 1,3-Dichlorobenzene	13.736	146	20823	2.354	ug/l	95
84) 1,4-Dichlorobenzene	13.813	146	18952	2.200	ug/l	97
85) n-Butylbenzene	14.060	91	24557	1.657	ug/l	99
86) Hexachloroethane	14.336	117	8108	2.425	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	19620	2.218	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.718	75	3149	2.347	ug/l	91
89) 1,2,4-Trichlorobenzene	15.401	180	6467	1.639	ug/l #	71
90) Hexachlorobutadiene	15.501	225	5498	2.470	ug/l	84
91) Naphthalene	15.642	128	12881	0.995	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.848	180	5964	1.522	ug/l	93

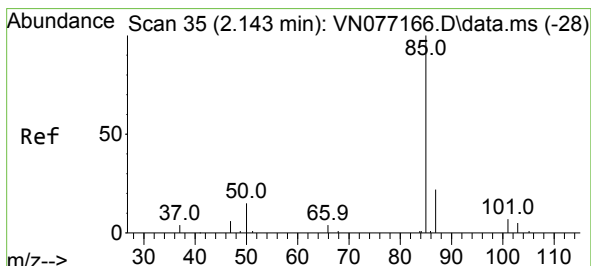
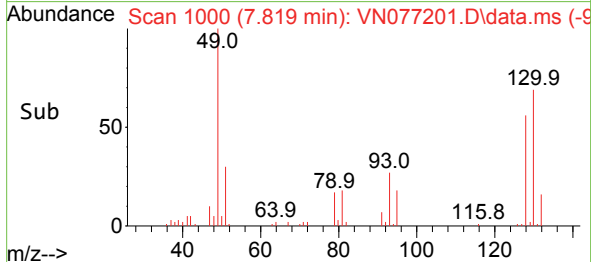
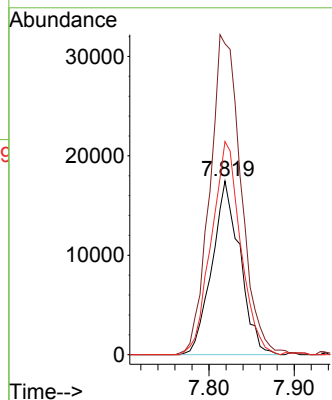
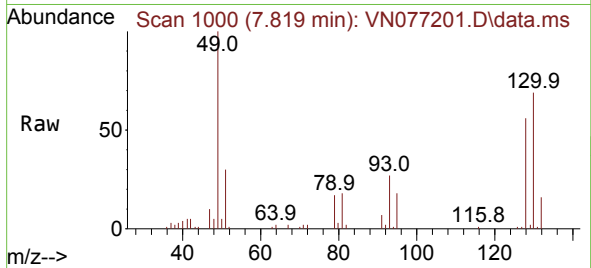
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

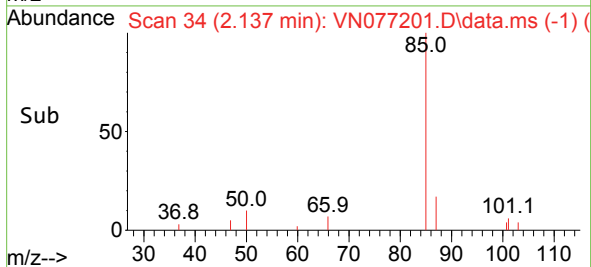
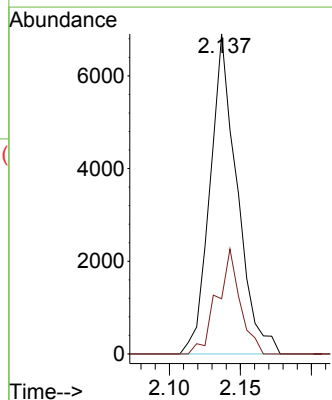
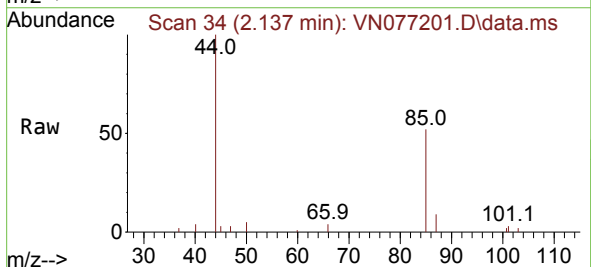
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

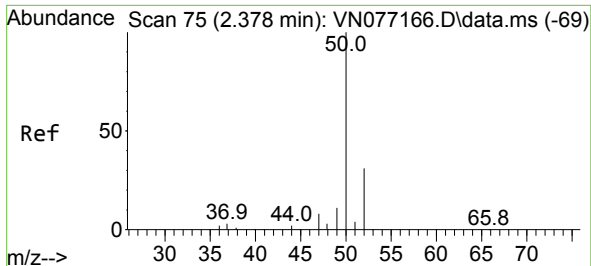
Tgt Ion:128 Resp: 39907
Ion Ratio Lower Upper
128 100
49 204.6 0.0 461.8
130 128.7 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 3.485 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 85 Resp: 9157
Ion Ratio Lower Upper
85 100
87 17.3 15.4 46.1

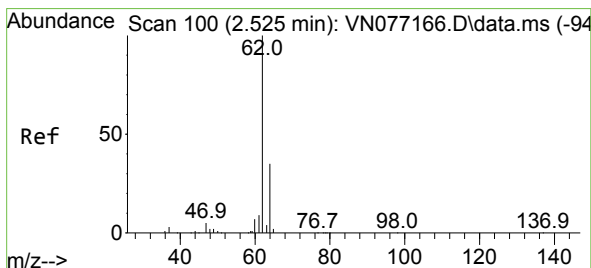
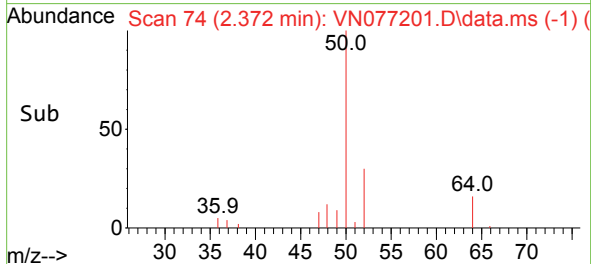
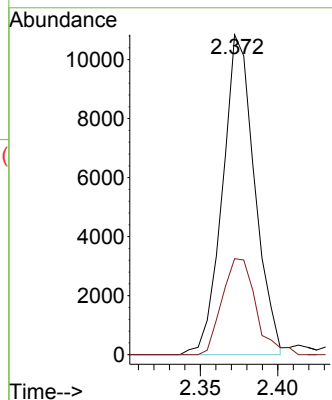
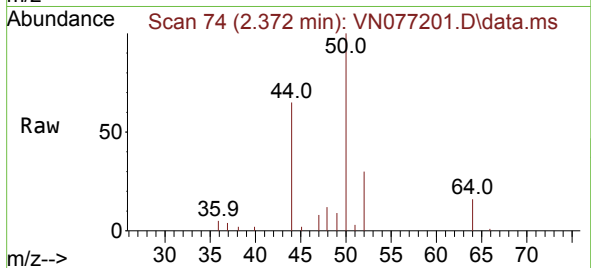




#3
Chloromethane
Concen: 3.732 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

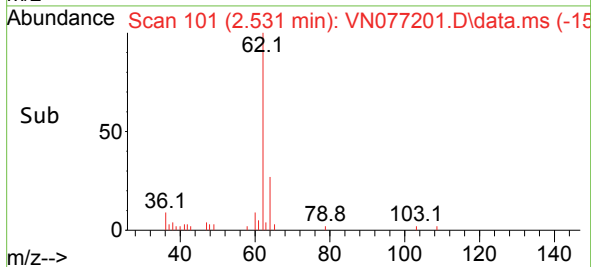
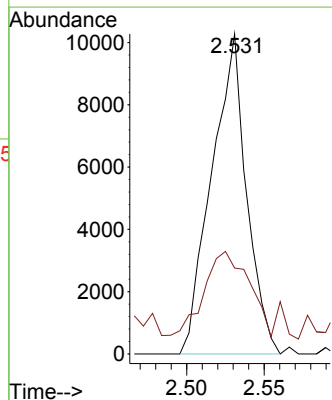
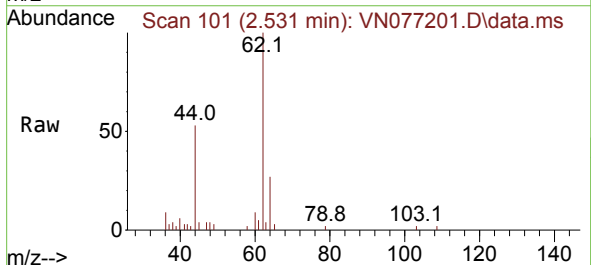
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

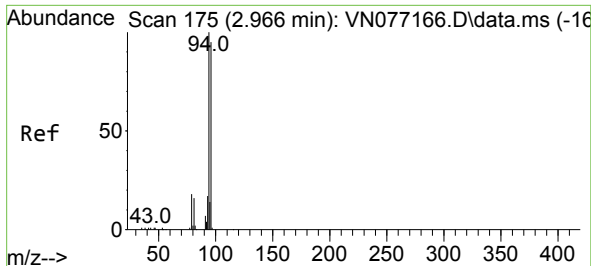
Tgt Ion: 50 Resp: 15607
Ion Ratio Lower Upper
50 100
52 30.0 25.3 37.9



#4
Vinyl Chloride
Concen: 2.721 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 62 Resp: 16043
Ion Ratio Lower Upper
62 100
64 19.6 23.1 34.7#

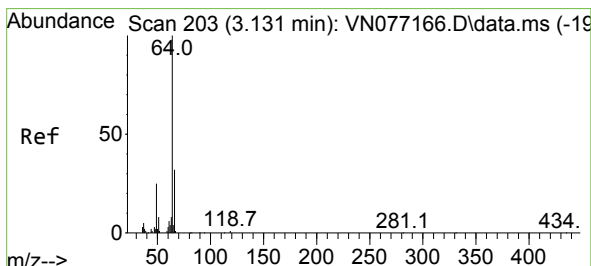
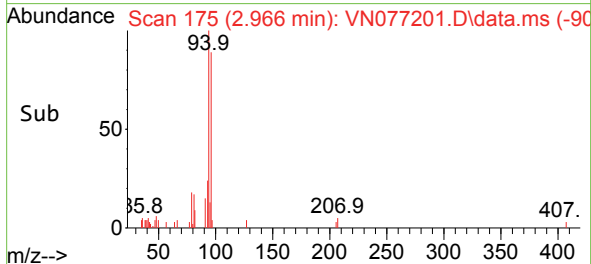
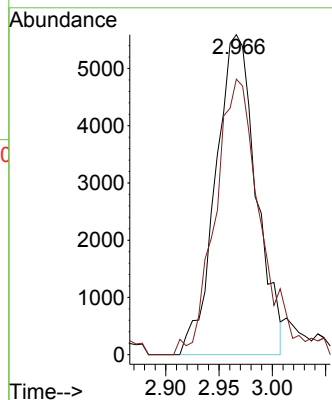
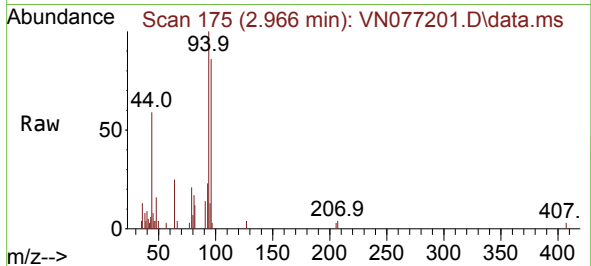




#5
Bromomethane
Concen: 3.578 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

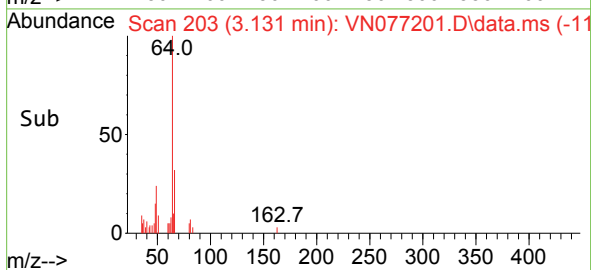
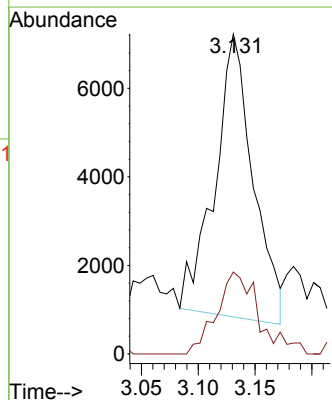
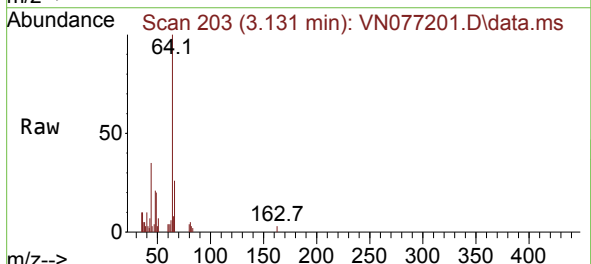
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

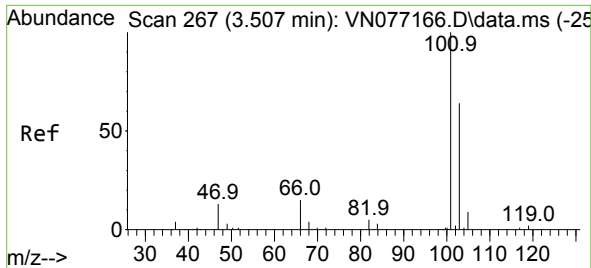
Tgt Ion: 94 Resp: 14793
Ion Ratio Lower Upper
94 100
96 81.3 68.6 103.0



#6
Chloroethane
Concen: 3.056 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 64 Resp: 15020
Ion Ratio Lower Upper
64 100
66 29.9 23.8 35.6

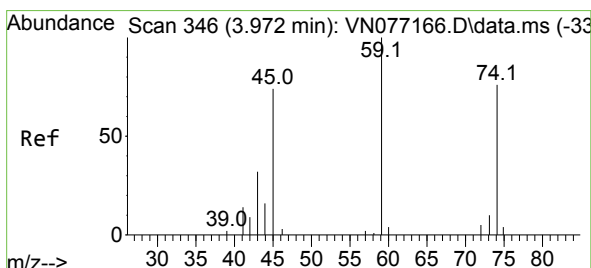
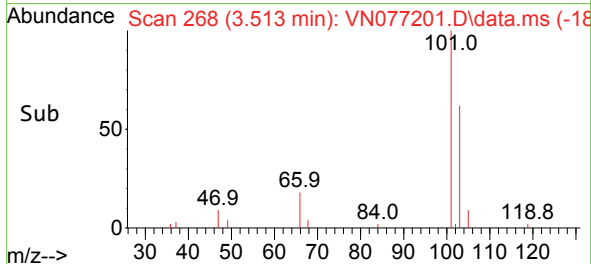
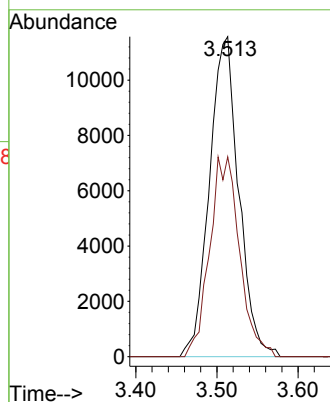
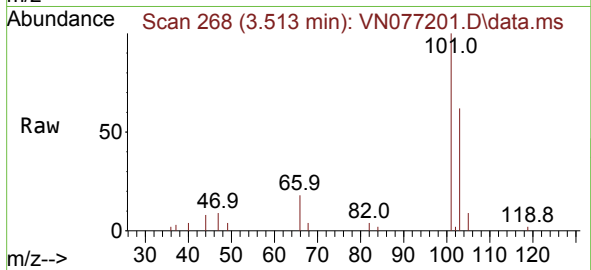




#7
 Trichlorofluoromethane
 Concen: 3.432 ug/l
 RT: 3.513 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

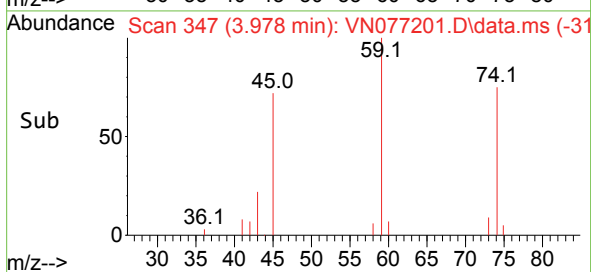
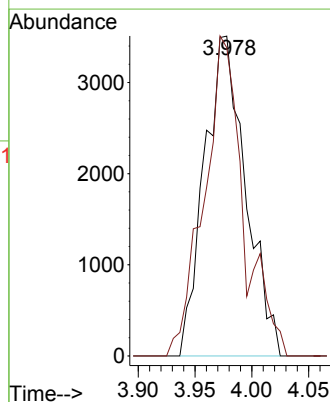
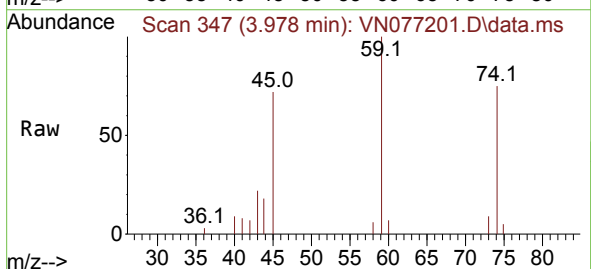
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

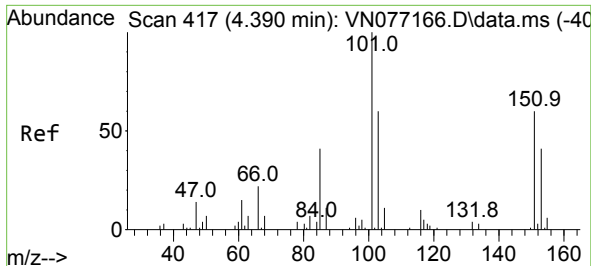
Tgt Ion:101 Resp: 29131
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.2



#8
 Diethyl Ether
 Concen: 2.984 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

Tgt Ion: 74 Resp: 8886
 Ion Ratio Lower Upper
 74 100
 45 81.9 21.4 193.0

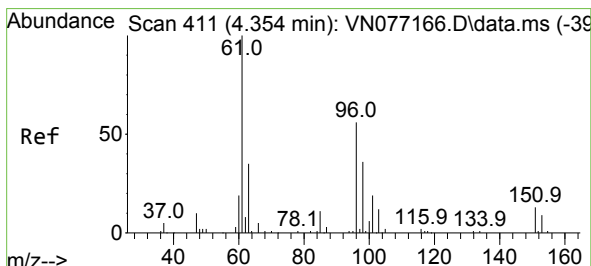
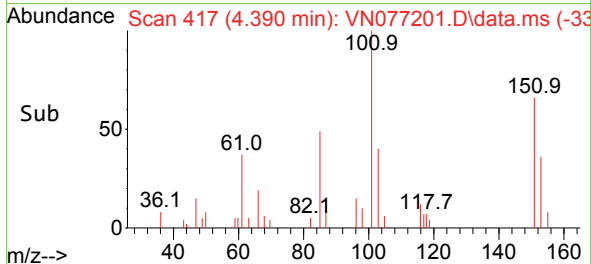
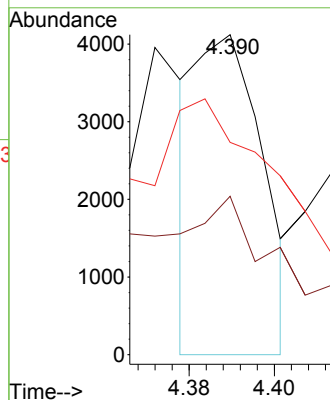
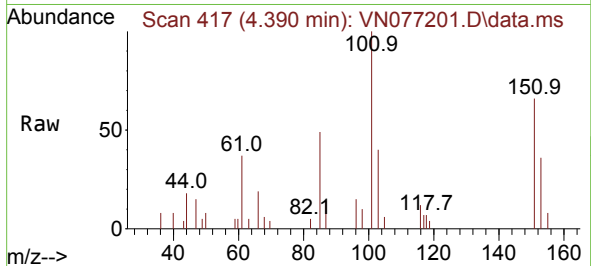




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.999 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

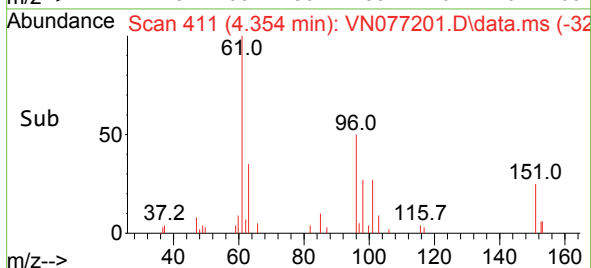
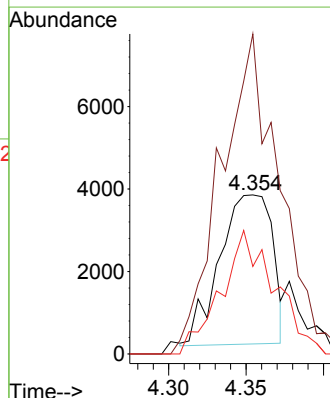
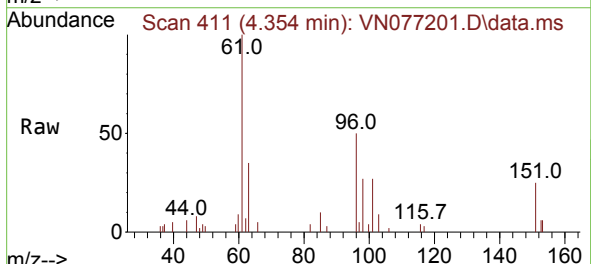
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

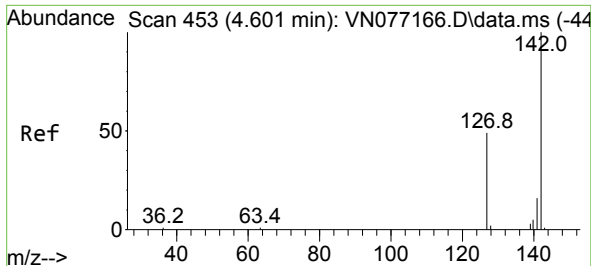
Tgt Ion:101 Resp: 4433
Ion Ratio Lower Upper
101 100
85 76.5 0.0 95.2
151 237.0 0.0 142.2#



#10
1,1-Dichloroethene
Concen: 2.075 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 96 Resp: 8618
Ion Ratio Lower Upper
96 100
61 206.7 137.1 205.7#
98 59.0 53.2 79.8

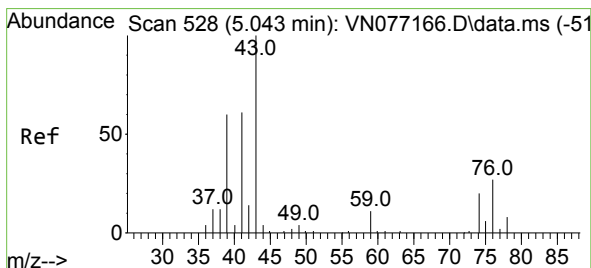
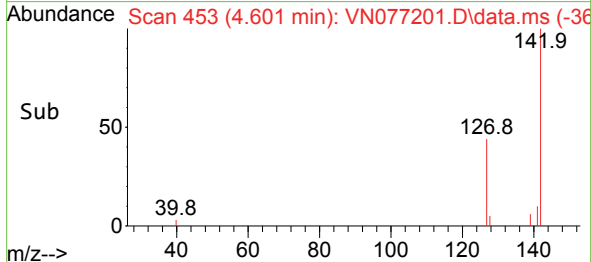
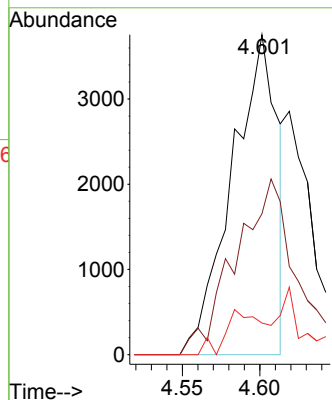
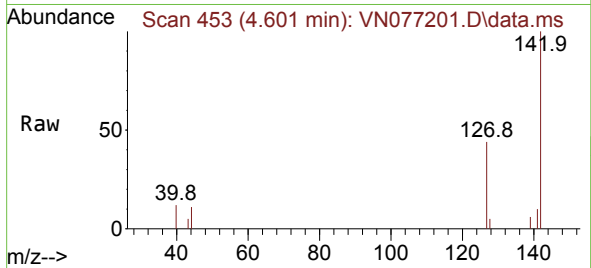




#11
Methyl Iodide
Concen: 1.729 ug/l
RT: 4.601 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

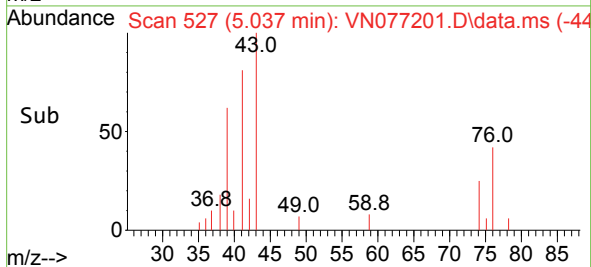
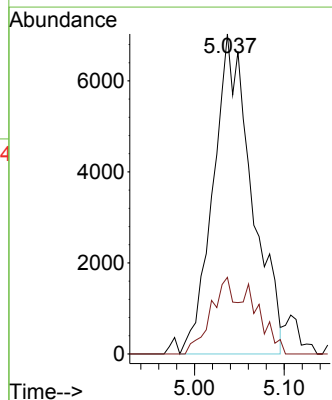
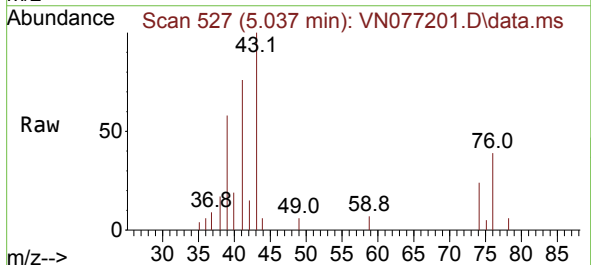
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

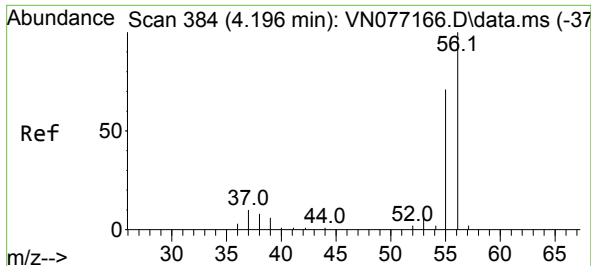
Tgt Ion:142 Resp: 7645
Ion Ratio Lower Upper
142 100
127 38.6 25.0 75.0
141 5.9 8.0 24.0#



#12
Methyl Acetate
Concen: 2.342 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 43 Resp: 20967
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.4





#13

Acrolein

Concen: 11.711 ug/l

RT: 4.195 min Scan# 384

Delta R.T. -0.001 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

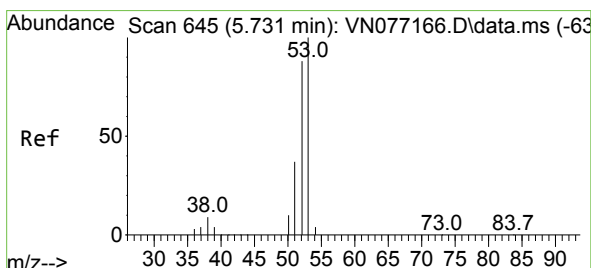
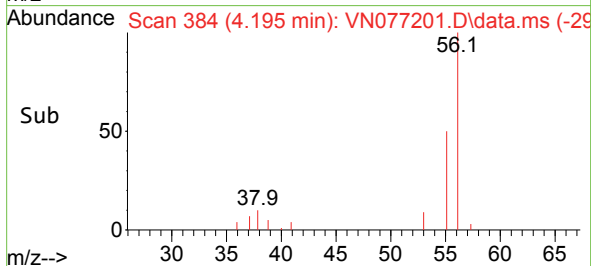
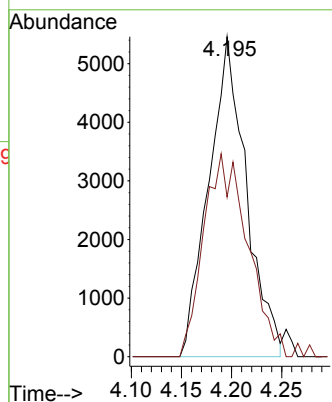
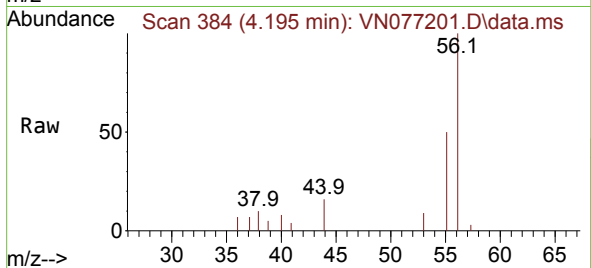
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 14211

Ion Ratio Lower Upper

56 100

55 41.1 55.0 82.4#



#14

Acrylonitrile

Concen: 5.517 ug/l

RT: 5.725 min Scan# 644

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

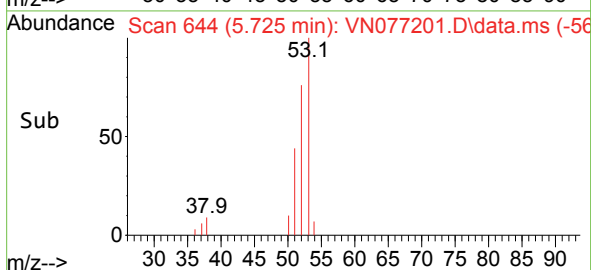
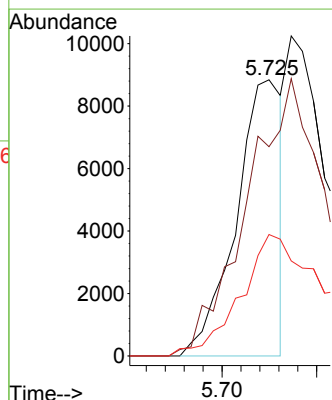
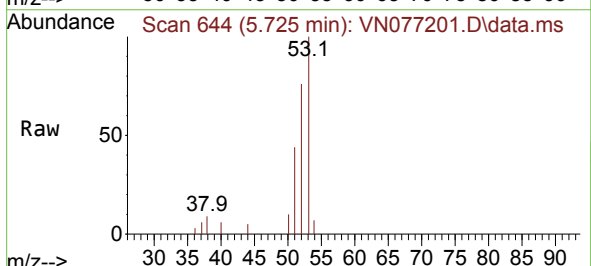
Tgt Ion: 53 Resp: 14986

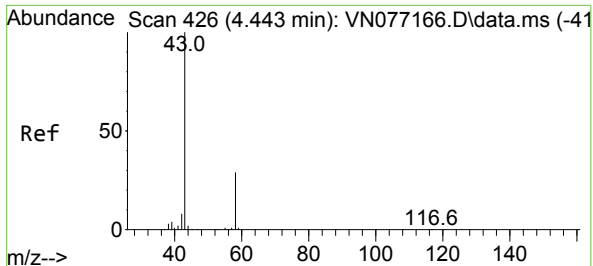
Ion Ratio Lower Upper

53 100

52 66.2 41.5 124.6

51 57.5 17.6 52.8#





#15

Acetone

Concen: 16.895 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.005 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

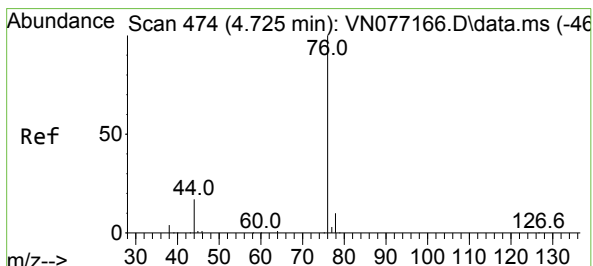
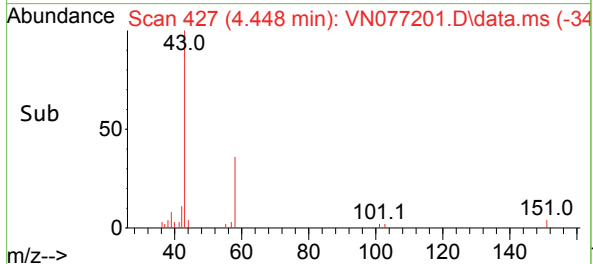
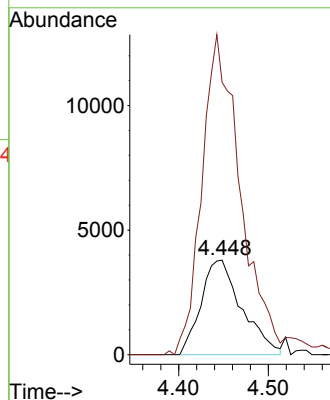
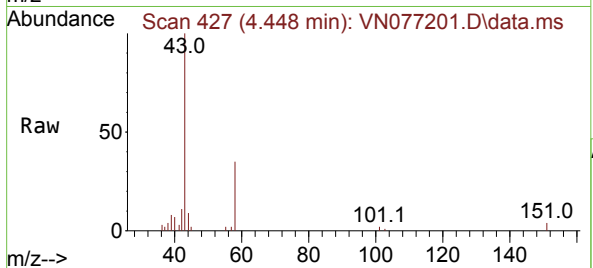
MDL-WATER-03-QT1-2023

Tgt Ion: 58 Resp: 11999

Ion Ratio Lower Upper

58 100

43 275.7 255.4 383.0



#16

Carbon Disulfide

Concen: 2.692 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077201.D

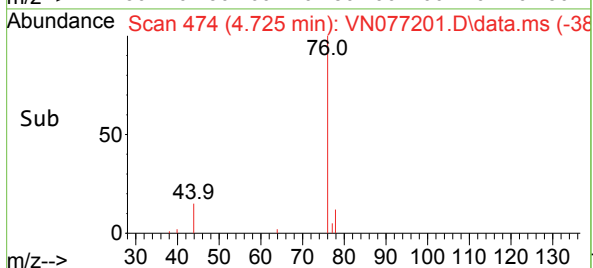
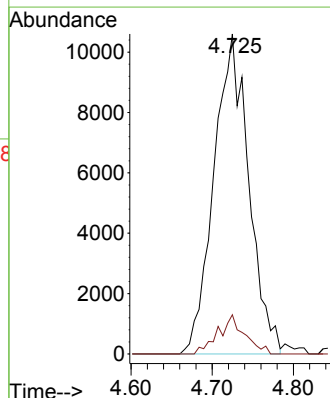
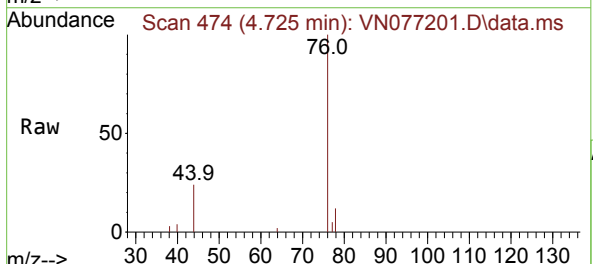
Acq: 27 Mar 2023 14:01

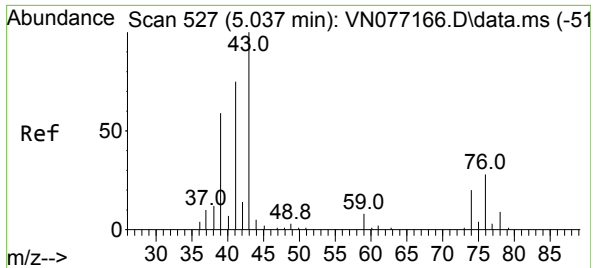
Tgt Ion: 76 Resp: 31572

Ion Ratio Lower Upper

76 100

78 12.3 6.6 9.8#





#17

Allyl chloride

Concen: 2.665 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077201.D

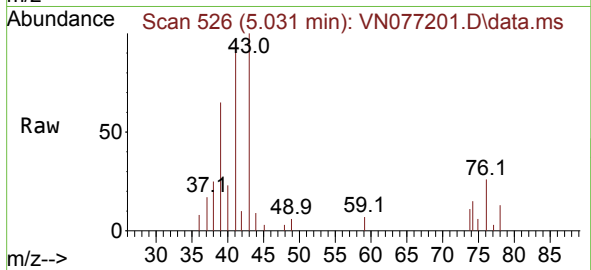
Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023



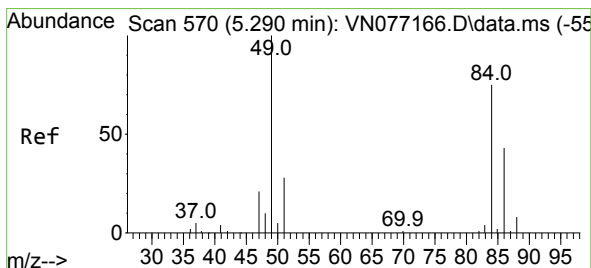
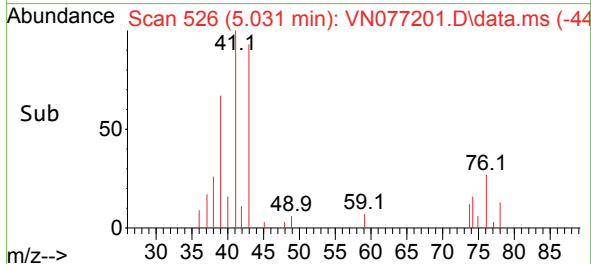
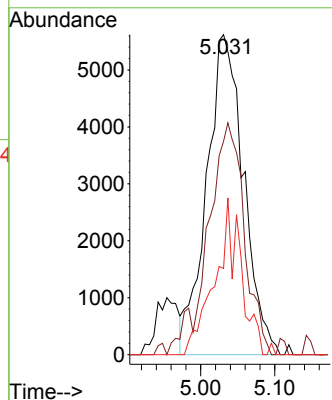
Tgt Ion: 41 Resp: 19464

Ion Ratio Lower Upper

41 100

39 61.9 34.8 104.3

76 26.9 17.5 52.5



#18

Methylene Chloride

Concen: 1.578 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Tgt Ion: 84 Resp: 8052

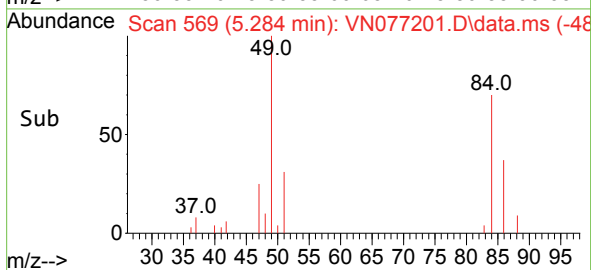
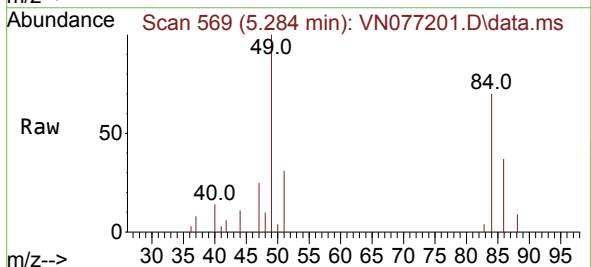
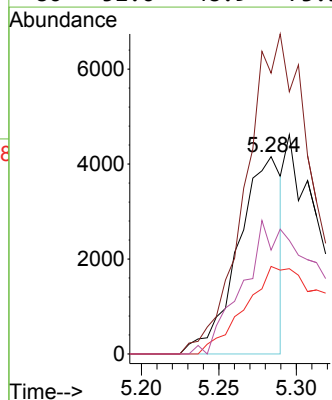
Ion Ratio Lower Upper

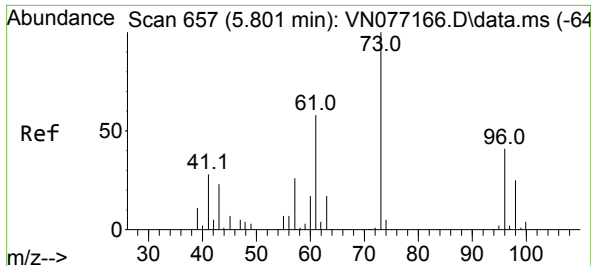
84 100

49 142.3 113.8 170.6

51 44.4 34.2 51.4

86 52.6 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 1.101 ug/l

RT: 5.784 min Scan# 61

Delta R.T. -0.017 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

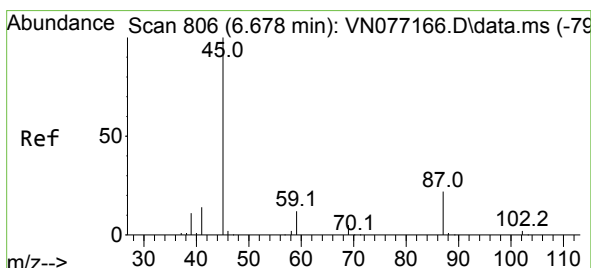
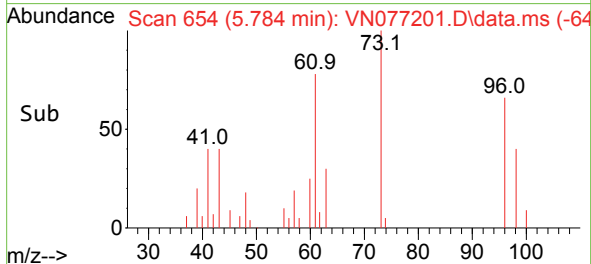
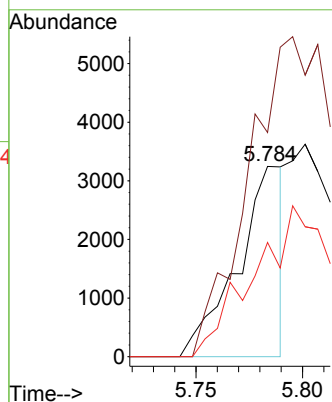
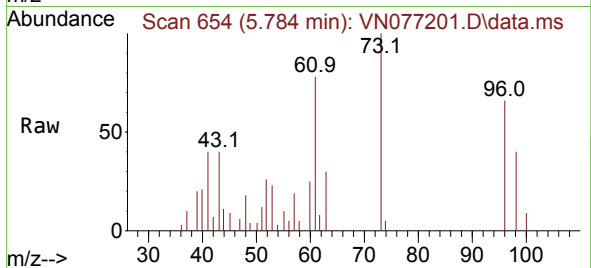
Tgt Ion: 96 Resp: 4899

Ion Ratio Lower Upper

96 100

61 130.1 111.0 166.4

98 60.1 55.0 82.6



#20

Diisopropyl ether

Concen: 2.419 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Tgt Ion: 45 Resp: 40022

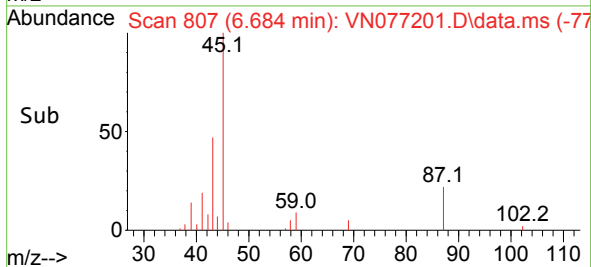
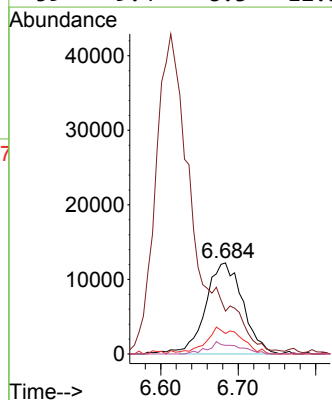
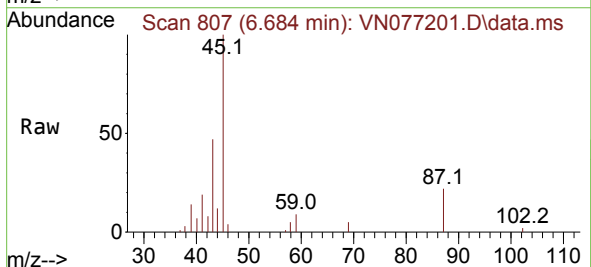
Ion Ratio Lower Upper

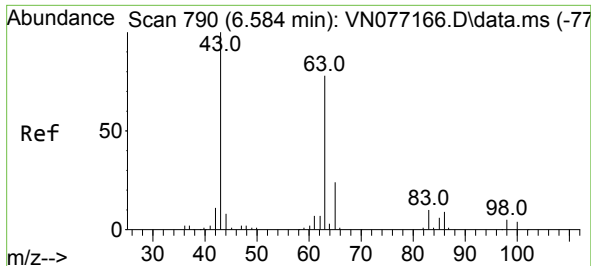
45 100

43 43.6 38.6 58.0

87 22.5 20.1 30.1

59 9.4 8.3 12.5





#21

1,1-Dichloroethane

Concen: 2.746 ug/l

RT: 6.578 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

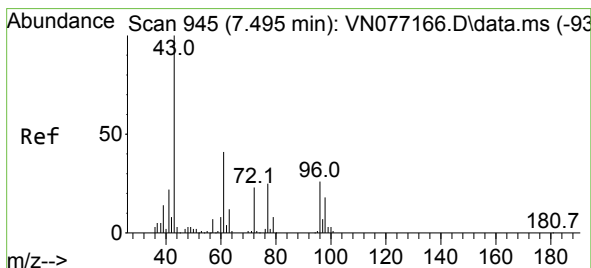
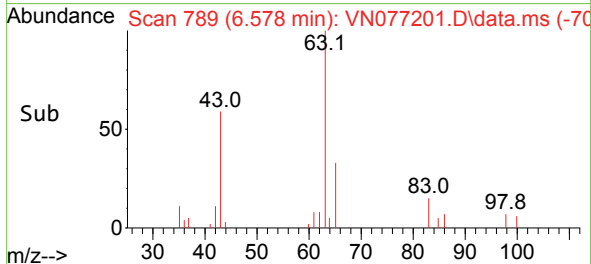
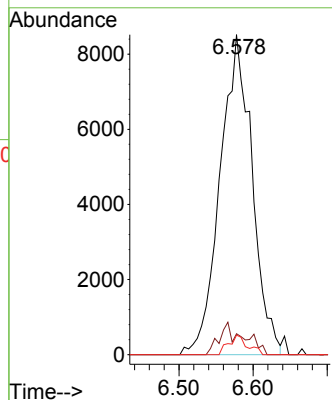
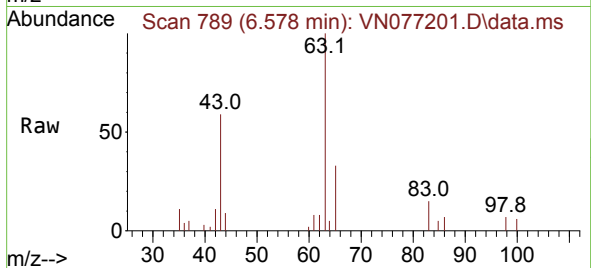
Tgt Ion: 63 Resp: 25574

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.9

100 6.1 2.6 7.8



#22

cis-1,2-Dichloroethene

Concen: 1.603 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

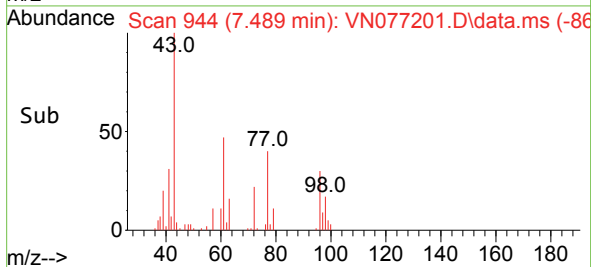
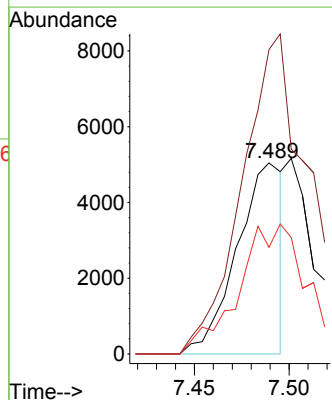
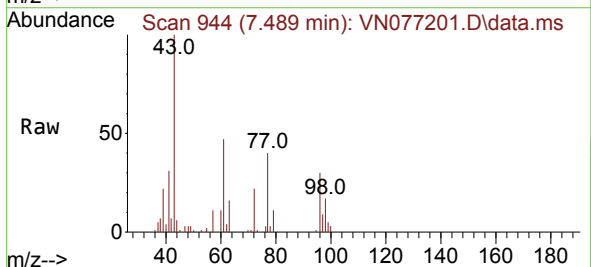
Tgt Ion: 96 Resp: 8422

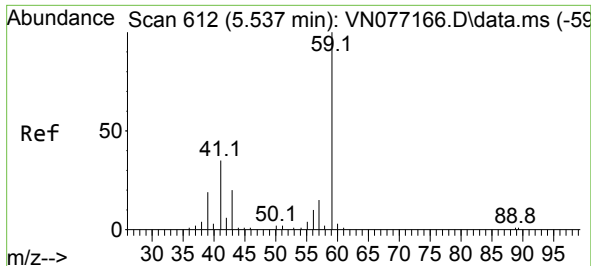
Ion Ratio Lower Upper

96 100

61 197.0 121.0 181.4#

98 52.4 50.1 75.1

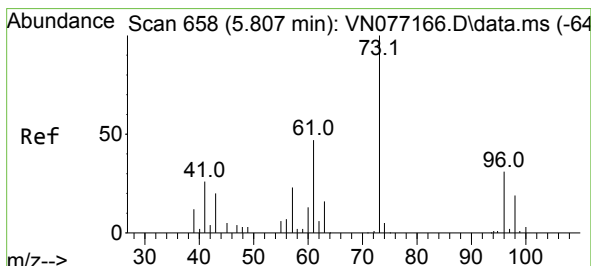
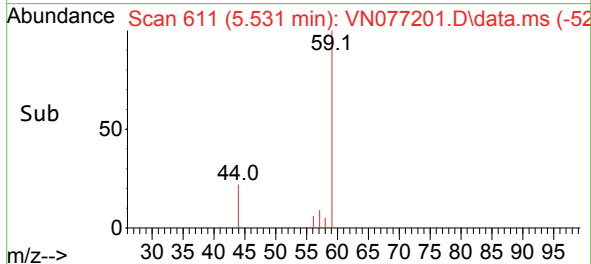
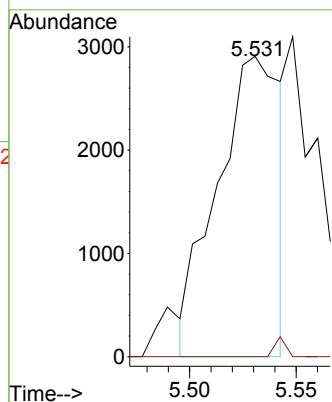
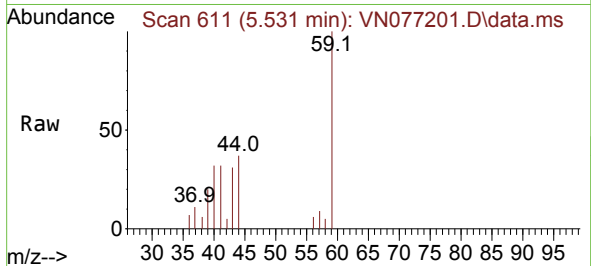




#23
tert-Butyl Alcohol
Concen: 6.496 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

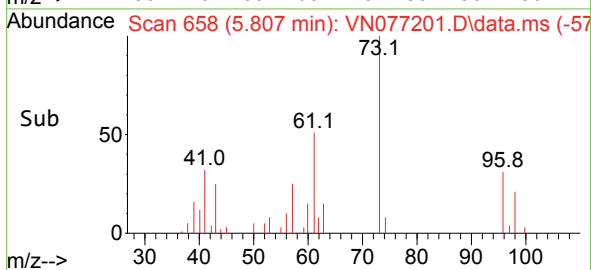
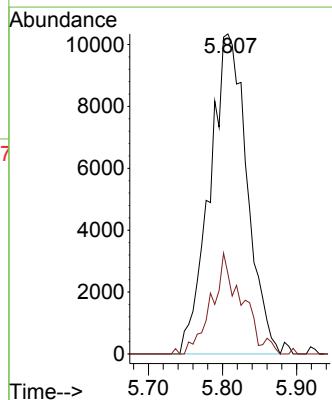
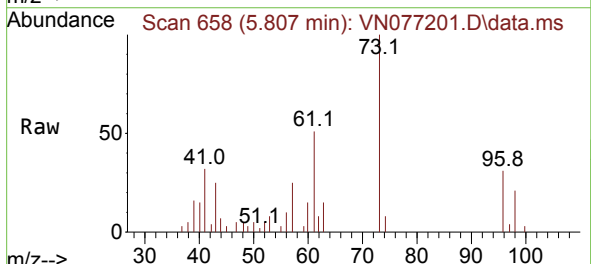
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

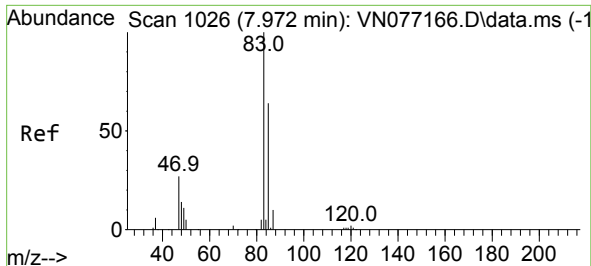
Tgt Ion: 59 Resp: 5989
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 2.451 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 73 Resp: 36141
Ion Ratio Lower Upper
73 100
43 13.2 17.8 26.6#

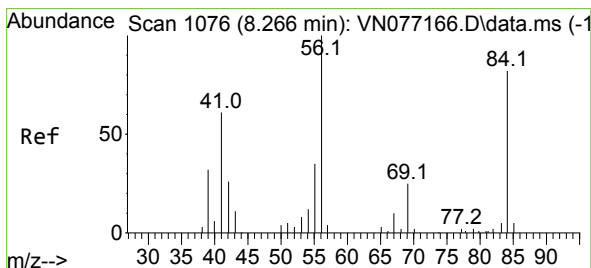
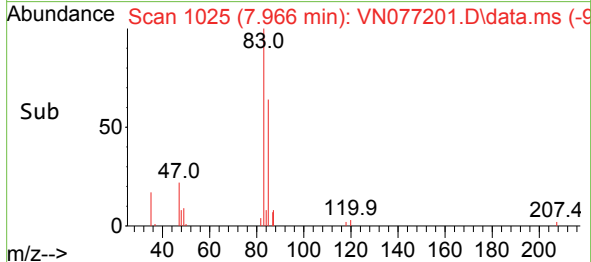
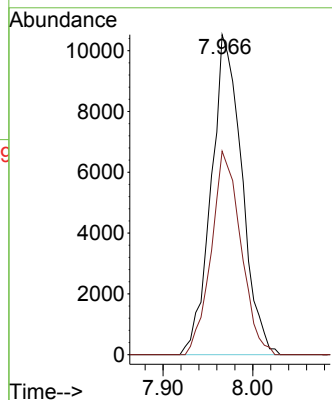
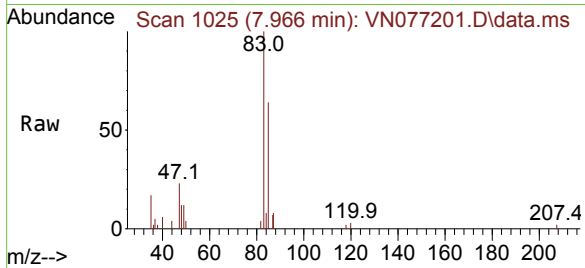




#25
Chloroform
Concen: 2.734 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

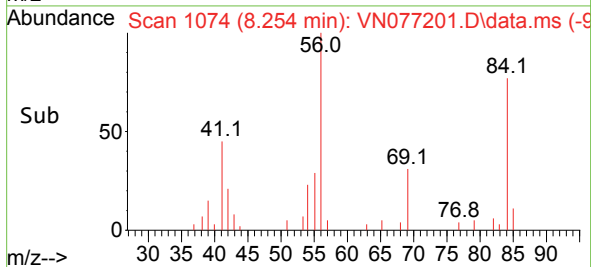
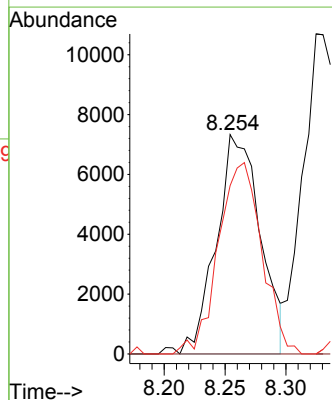
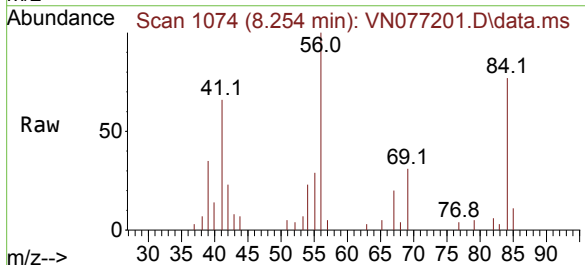
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

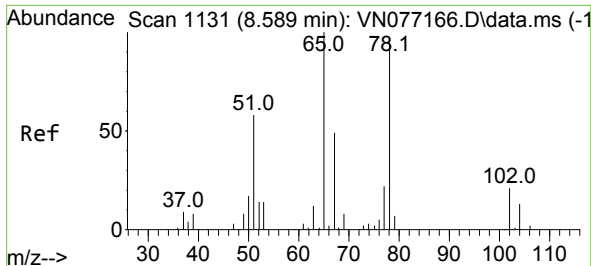
Tgt Ion: 83 Resp: 24918
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6



#26
Cyclohexane
Concen: 2.341 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.012 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 56 Resp: 18392
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 30.328 ug/l

RT: 8.583 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

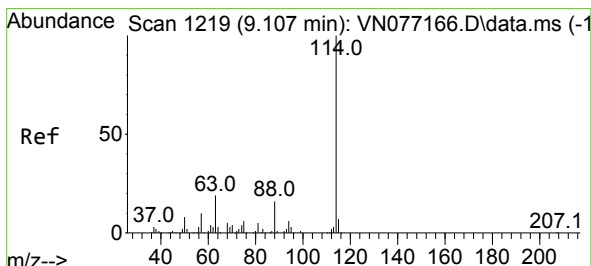
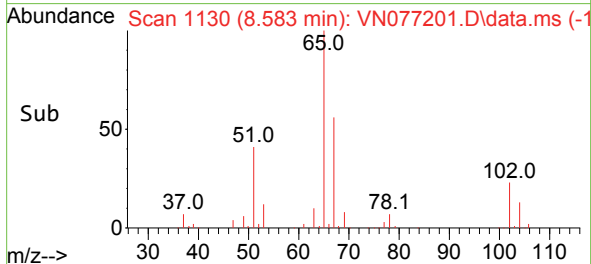
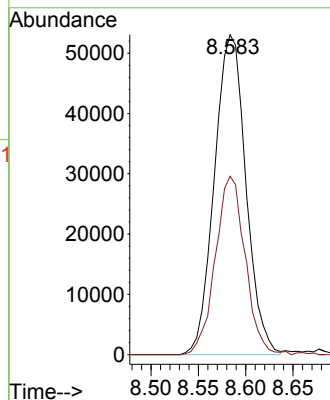
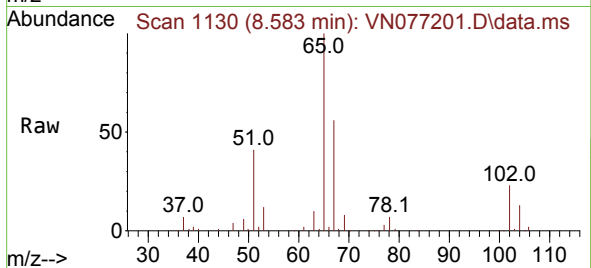
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 122913

Ion Ratio Lower Upper

65 100

67 52.6 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

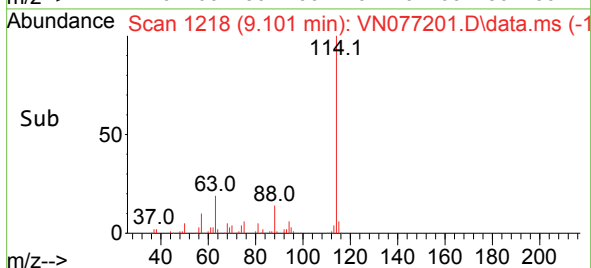
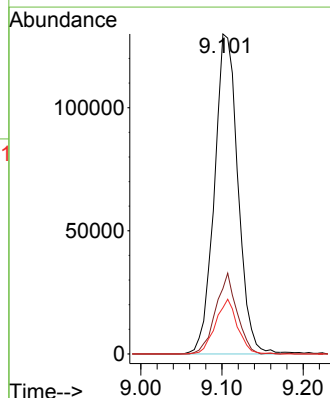
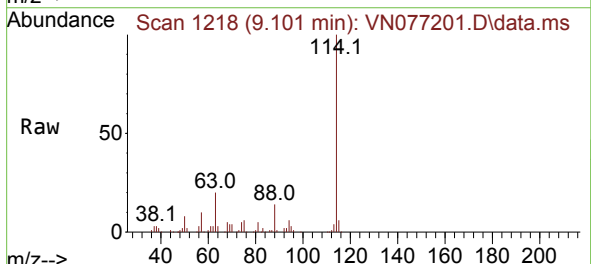
Tgt Ion: 114 Resp: 262280

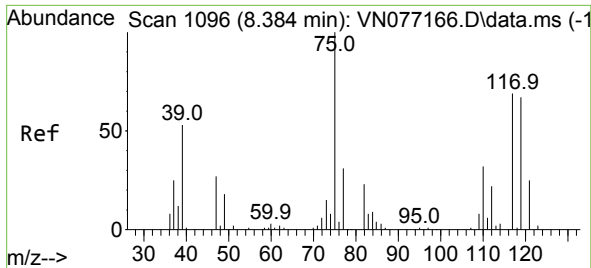
Ion Ratio Lower Upper

114 100

63 22.7 17.0 25.4

88 16.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 2.488 ug/l

RT: 8.378 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

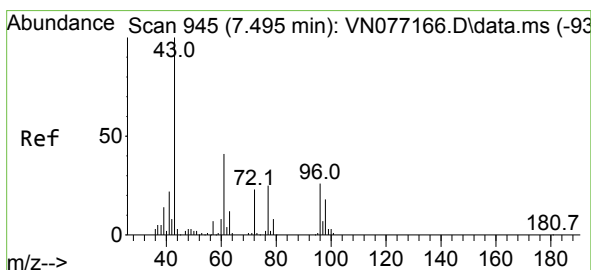
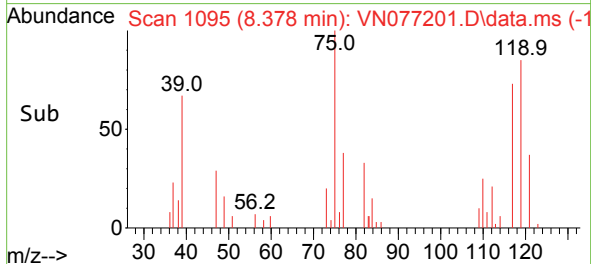
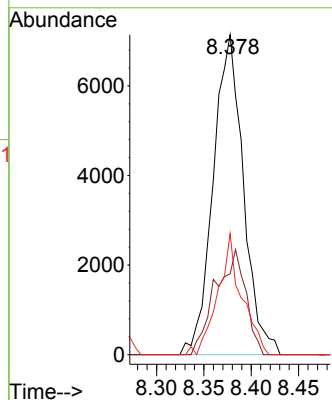
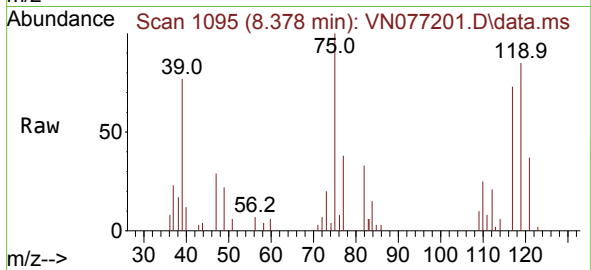
Tgt Ion: 75 Resp: 15828

Ion Ratio Lower Upper

75 100

110 18.2 0.0 67.2

77 29.6 0.0 64.4



#30

2-Butanone

Concen: 13.571 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

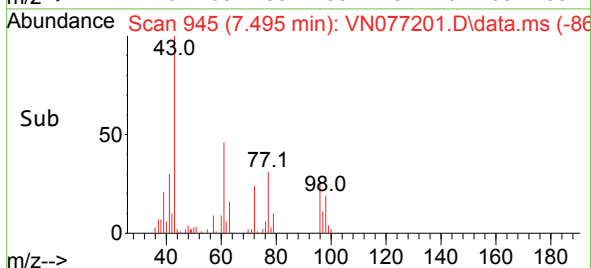
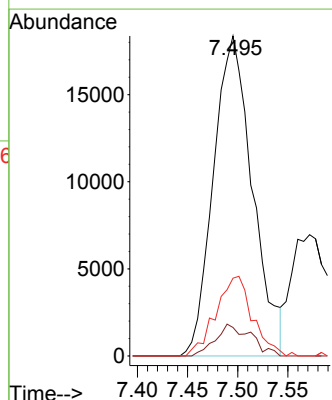
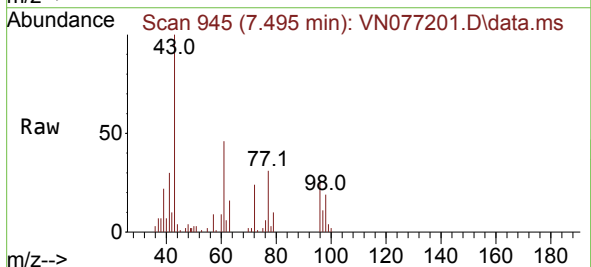
Tgt Ion: 43 Resp: 49813

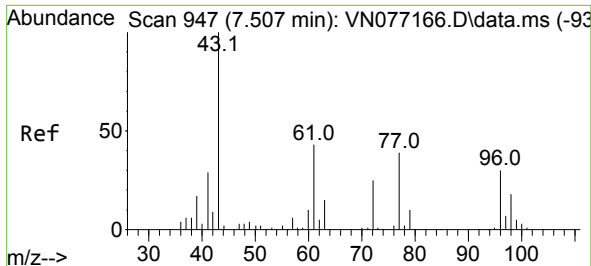
Ion Ratio Lower Upper

43 100

57 5.8 6.1 9.1#

72 23.3 20.2 30.4





#31

2,2-Dichloropropane

Concen: 1.727 ug/l

RT: 7.489 min Scan# 947

Delta R.T. -0.018 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

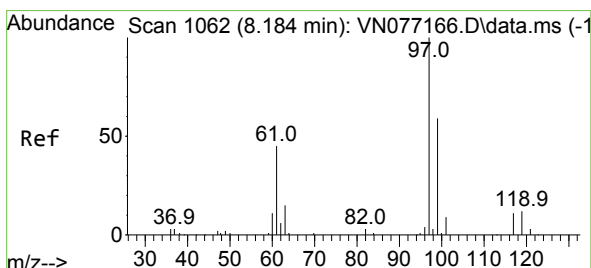
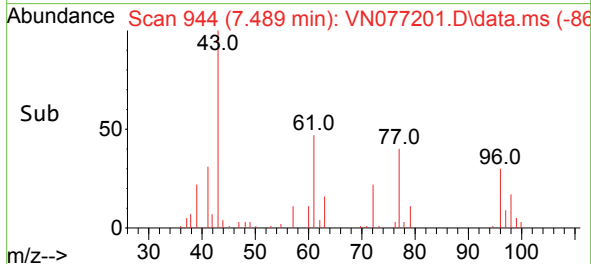
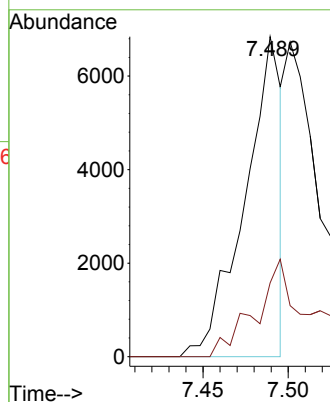
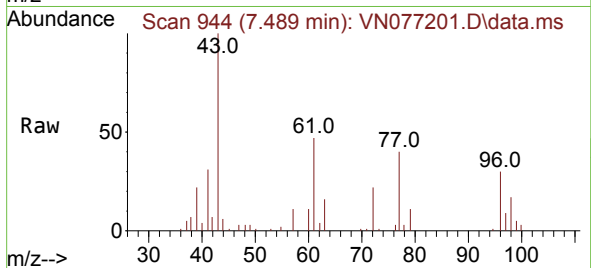
MDL-WATER-03-QT1-2023

Tgt Ion: 77 Resp: 10294

Ion Ratio Lower Upper

77 100

97 12.6 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 2.700 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

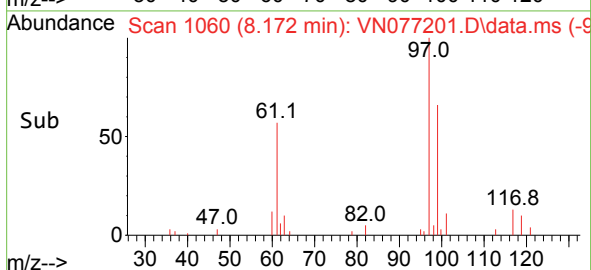
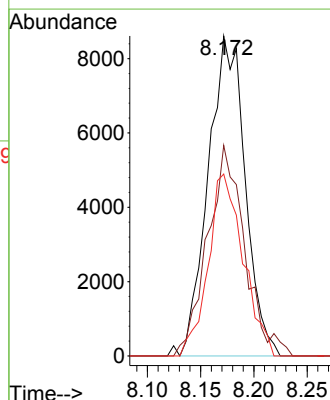
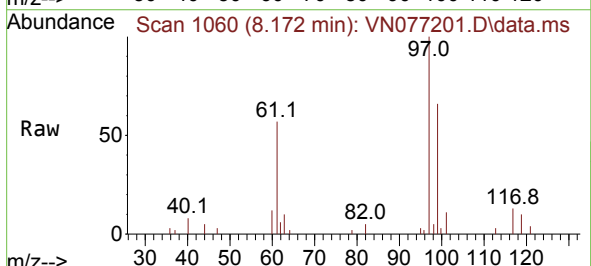
Tgt Ion: 97 Resp: 20714

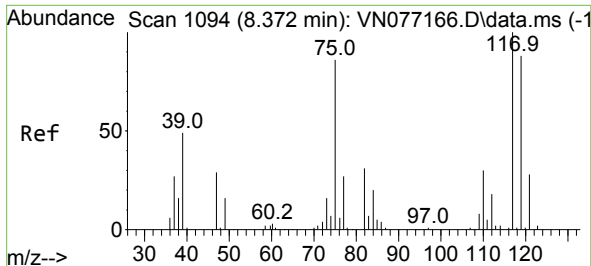
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 54.1 39.3 58.9

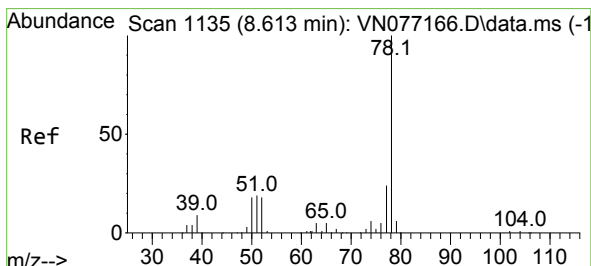
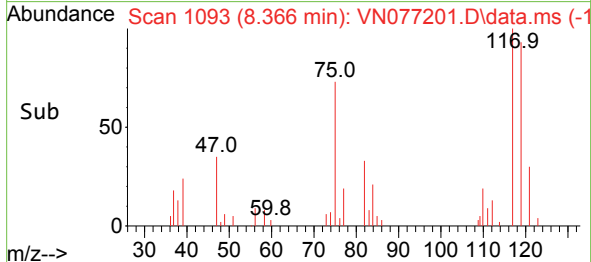
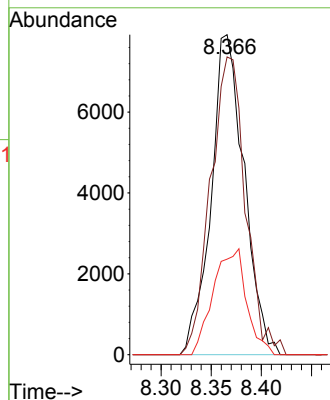
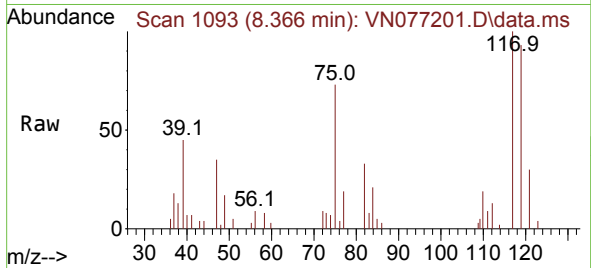




#33
Carbon Tetrachloride
Concen: 2.821 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

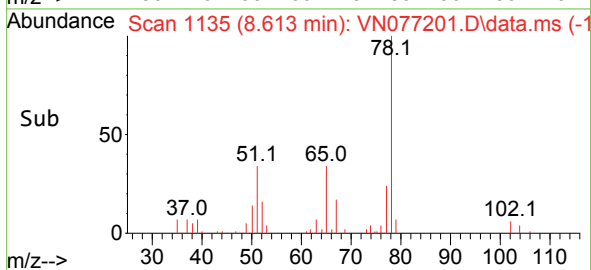
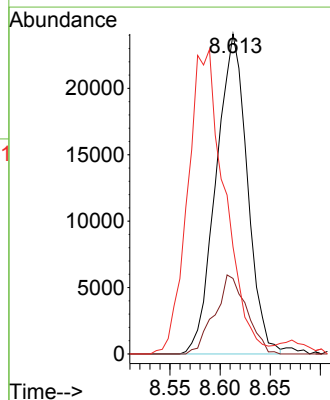
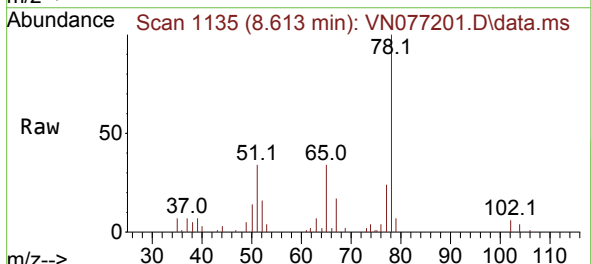
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

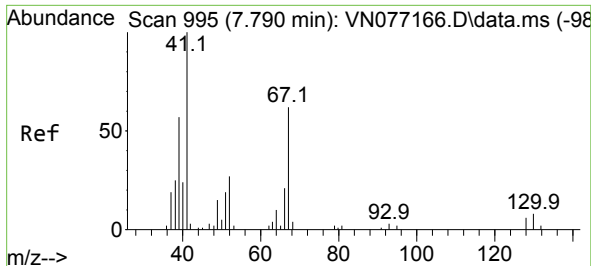
Tgt Ion:117 Resp: 18179
Ion Ratio Lower Upper
117 100
119 93.1 79.8 119.8
121 29.9 23.4 35.0



#34
Benzene
Concen: 2.677 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 78 Resp: 52217
Ion Ratio Lower Upper
78 100
77 23.6 17.4 26.2
51 30.2 13.8 20.6#

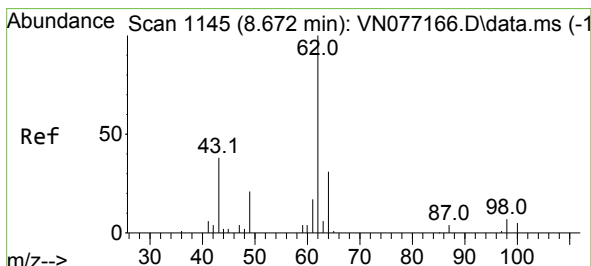
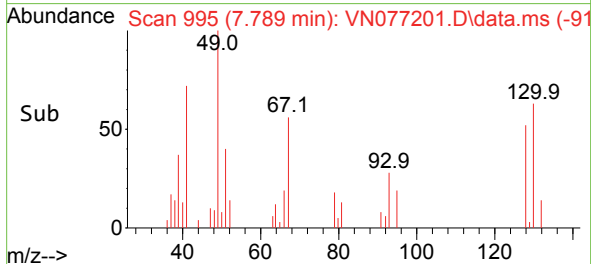
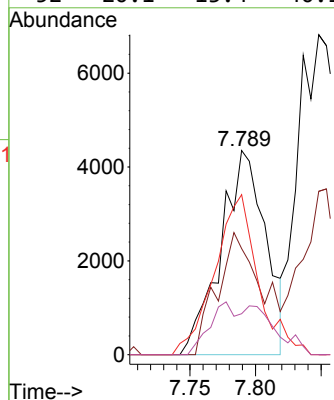
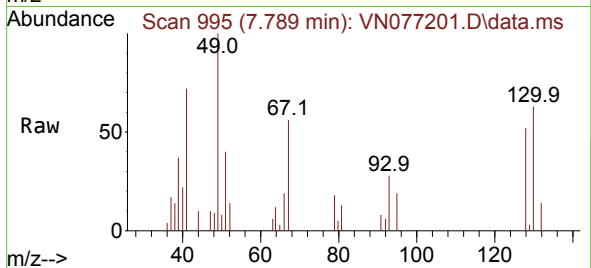




#35
Methacrylonitrile
Concen: 2.584 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.001 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

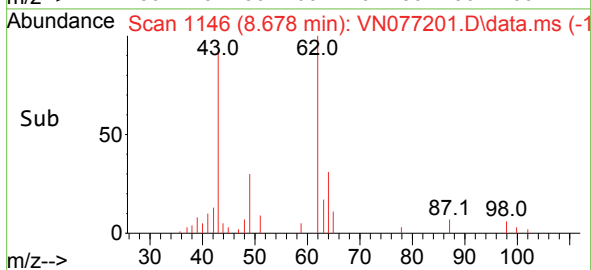
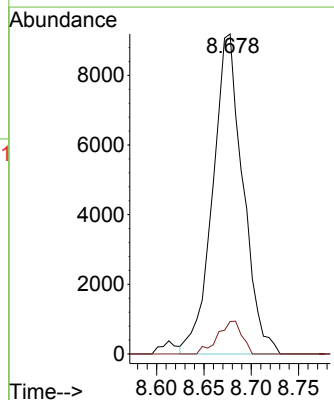
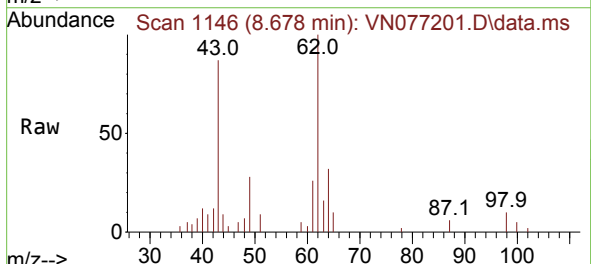
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

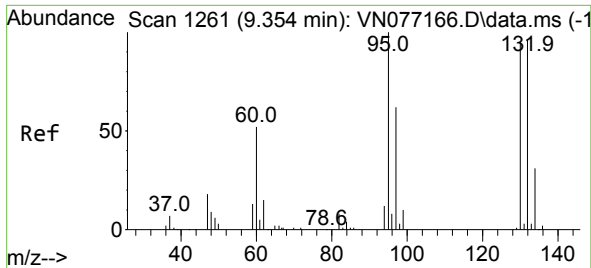
Tgt Ion: 41	Resp: 10413
Ion Ratio	Lower Upper
41 100	
39 51.9	26.6 79.7
67 72.9	32.3 96.9
52 20.1	13.4 40.1



#36
1,2-Dichloroethane
Concen: 2.833 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 62	Resp: 20372
Ion Ratio	Lower Upper
62 100	
98 7.5	7.4 11.0

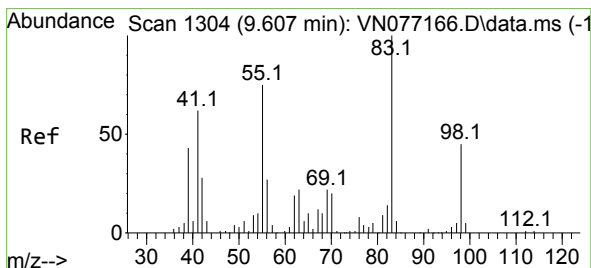
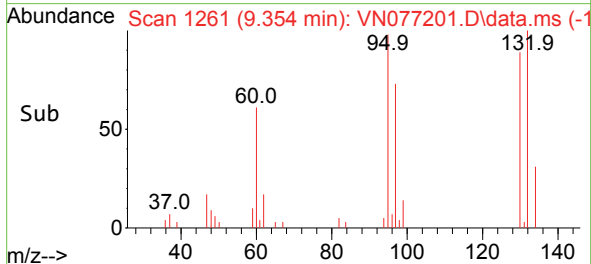
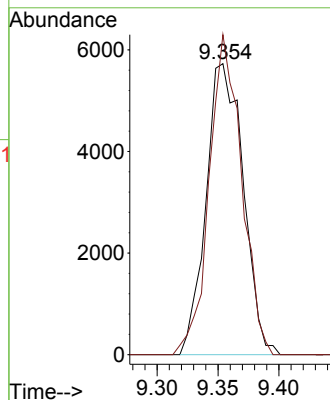
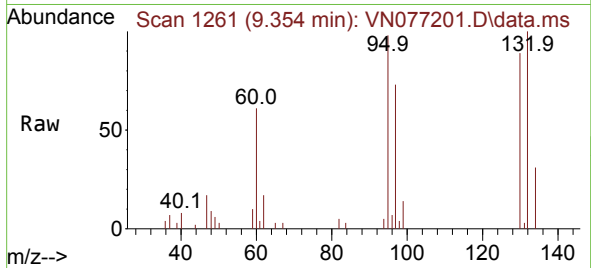




#37
Trichloroethene
Concen: 2.761 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

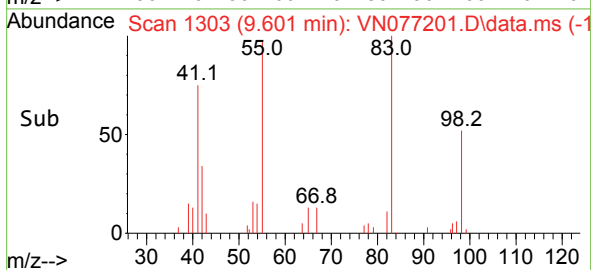
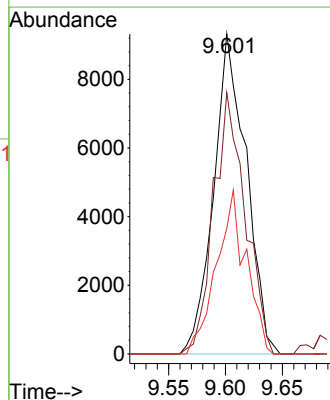
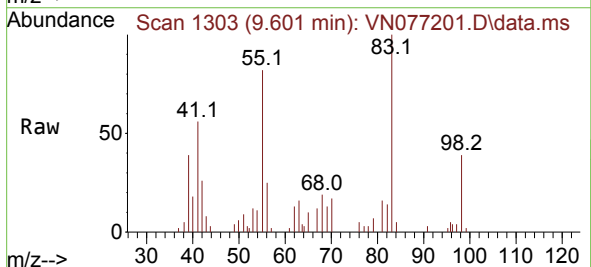
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

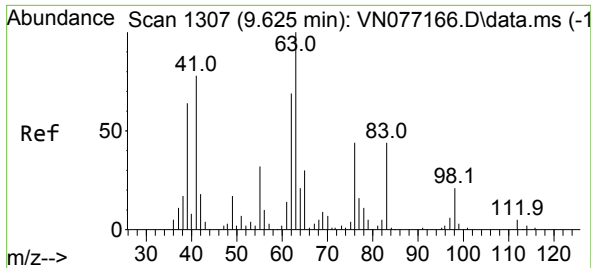
Tgt Ion:130 Resp: 12173
Ion Ratio Lower Upper
130 100
95 109.9 78.7 118.1



#38
Methylcyclohexane
Concen: 2.460 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 83 Resp: 18630
Ion Ratio Lower Upper
83 100
55 79.6 37.6 112.9
98 46.9 24.1 72.4





#39

1,2-Dichloropropane

Concen: 2.633 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

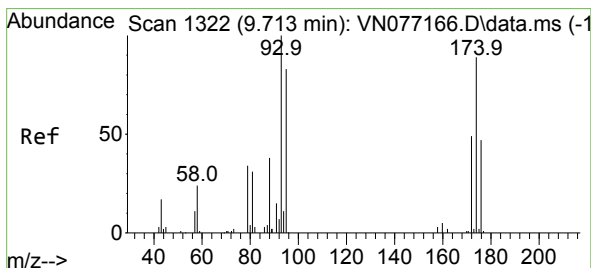
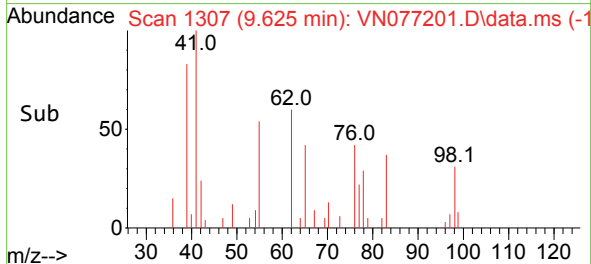
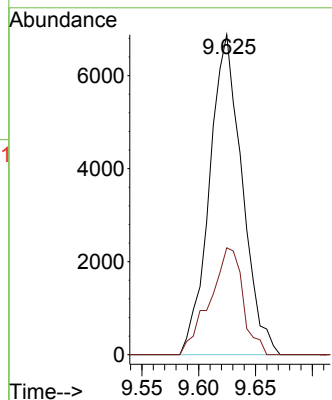
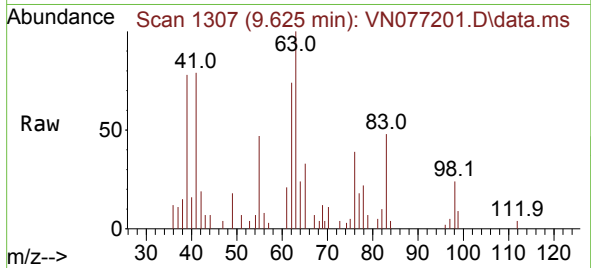
MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 13746

Ion Ratio Lower Upper

63 100

65 33.4 27.2 40.8



#40

Dibromomethane

Concen: 2.805 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

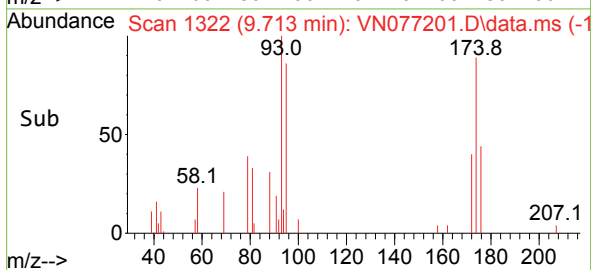
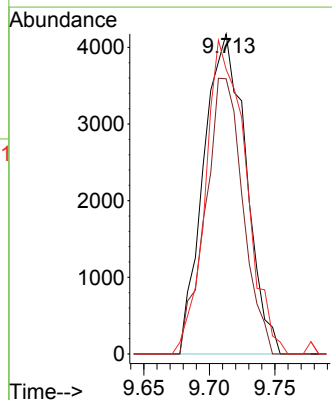
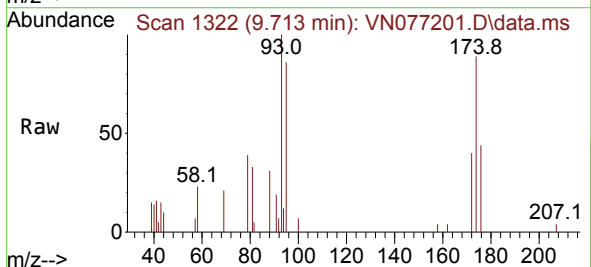
Tgt Ion: 93 Resp: 9365

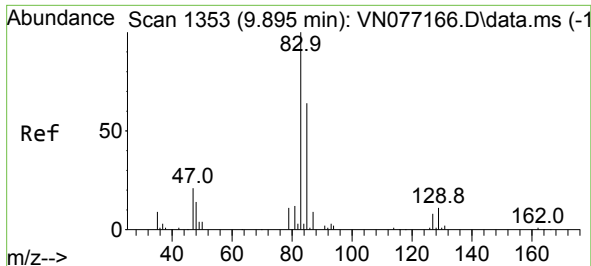
Ion Ratio Lower Upper

93 100

95 76.5 0.0 158.0

174 93.5 0.0 171.2

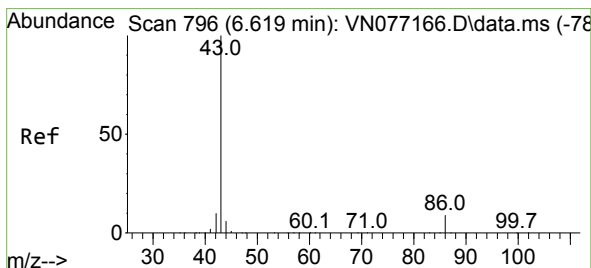
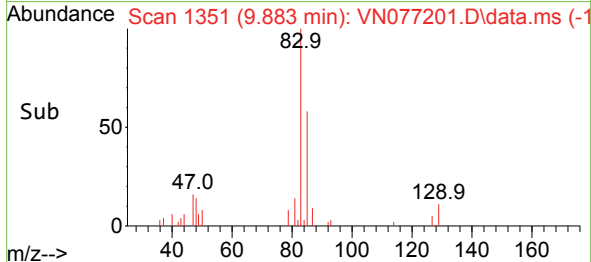
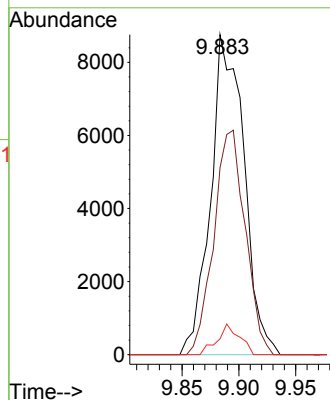
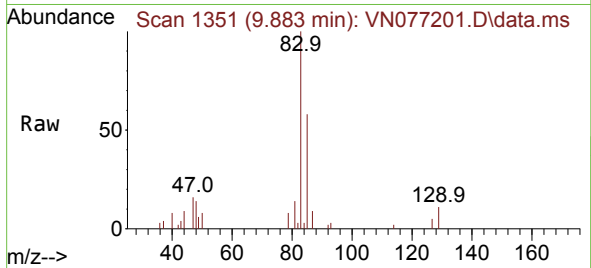




#41
Bromodichloromethane
Concen: 2.626 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

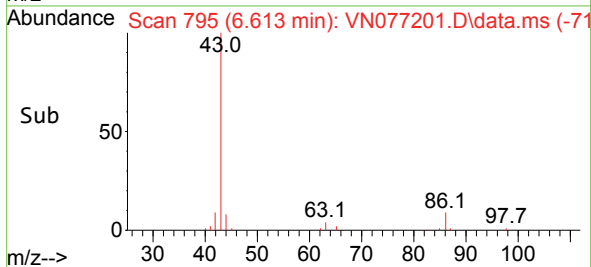
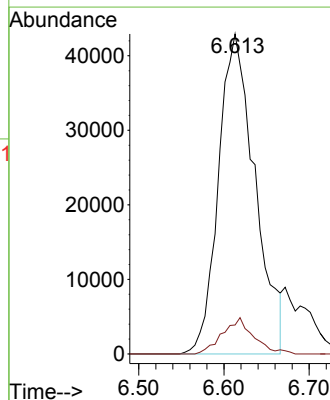
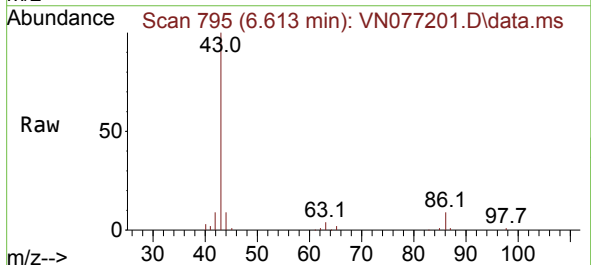
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

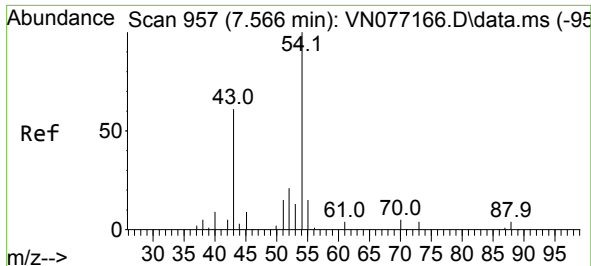
Tgt Ion: 83 Resp: 17855
Ion Ratio Lower Upper
83 100
85 58.4 51.0 76.4
127 5.0 6.2 9.2#



#42
Vinyl Acetate
Concen: 11.635 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 43 Resp: 128011
Ion Ratio Lower Upper
43 100
86 9.3 7.8 11.6

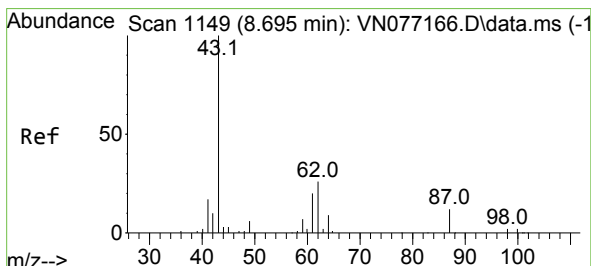
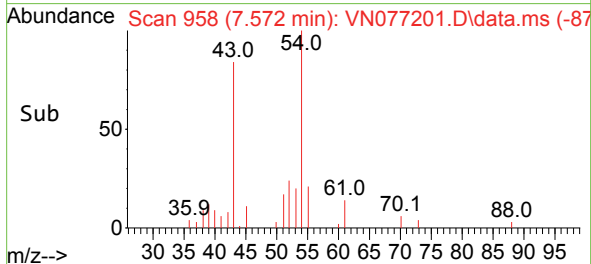
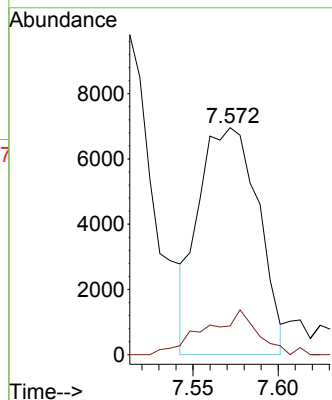
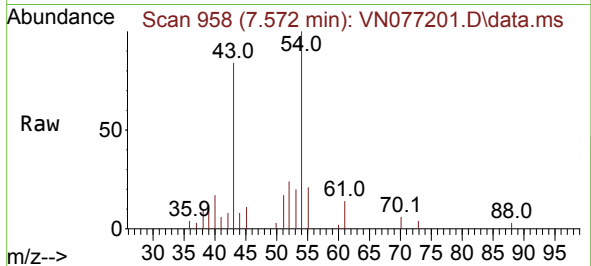




#43
Ethyl Acetate
Concen: 2.309 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

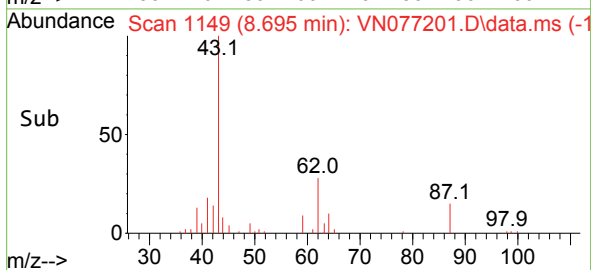
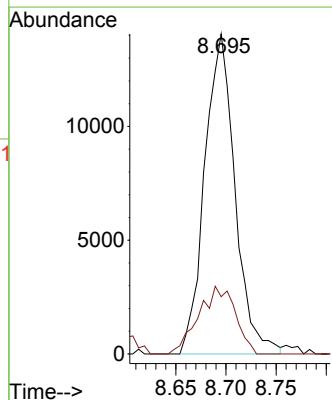
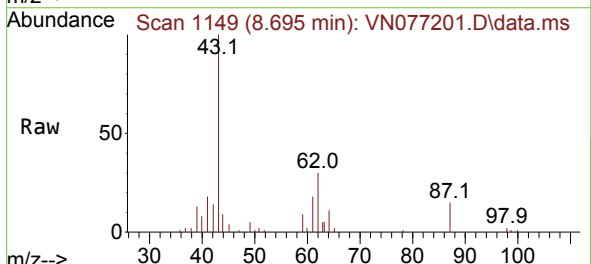
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

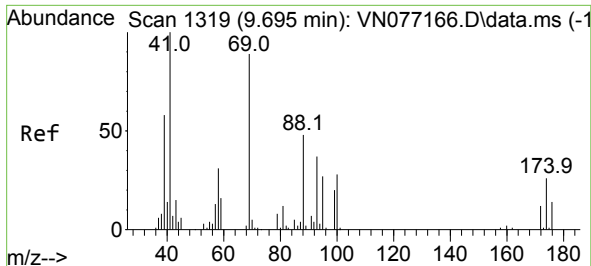
Tgt Ion: 43 Resp: 16931
Ion Ratio Lower Upper
43 100
45 9.2 11.2 16.8#



#44
Isopropyl Acetate
Concen: 2.500 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 43 Resp: 29584
Ion Ratio Lower Upper
43 100
61 25.5 19.5 29.3

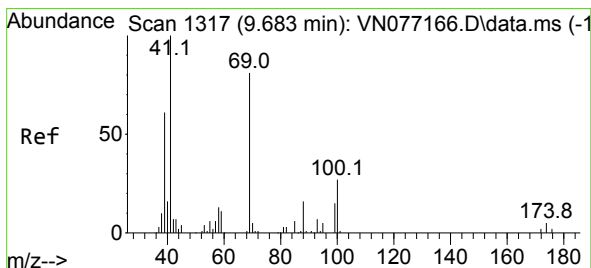
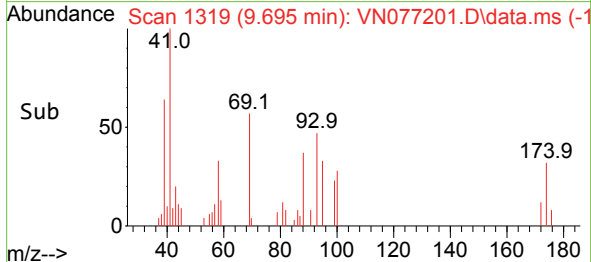
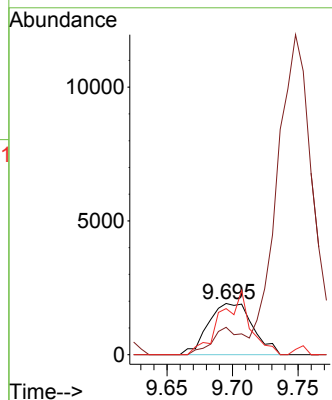
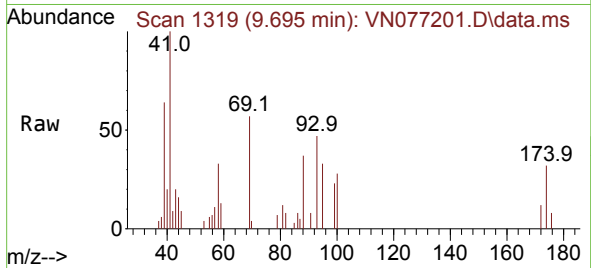




#45
1,4-Dioxane
Concen: 47.152 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

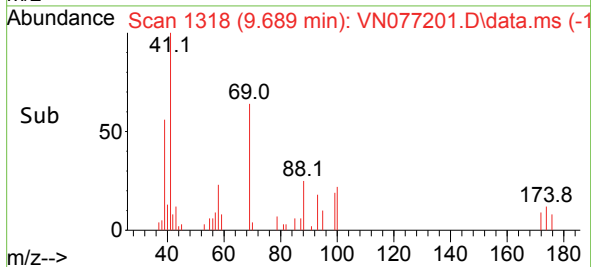
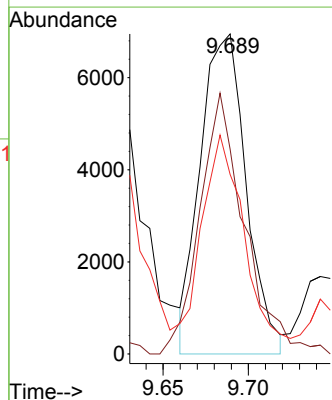
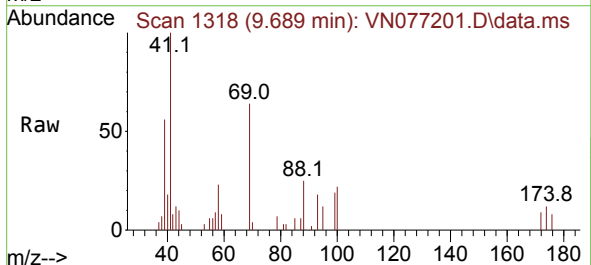
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

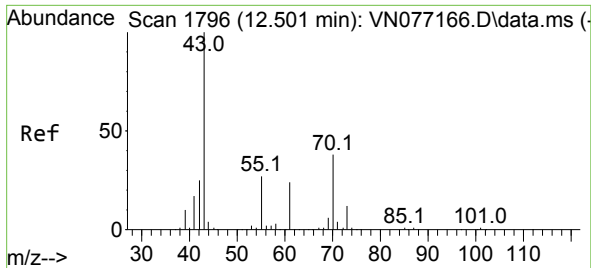
Tgt Ion: 88 Resp: 4537
Ion Ratio Lower Upper
88 100
43 37.7 26.0 39.0
58 37.3 54.3 81.5#



#46
Methyl methacrylate
Concen: 2.383 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 41 Resp: 13004
Ion Ratio Lower Upper
41 100
69 57.5 40.6 121.7
39 53.1 30.5 91.5

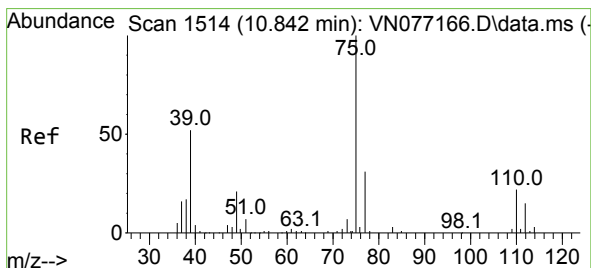
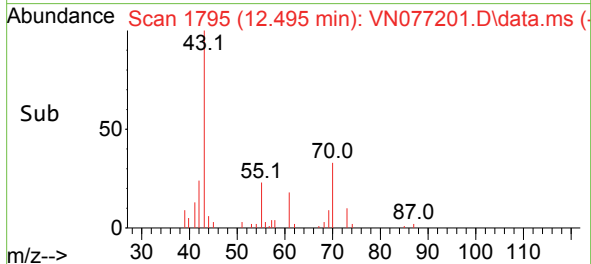
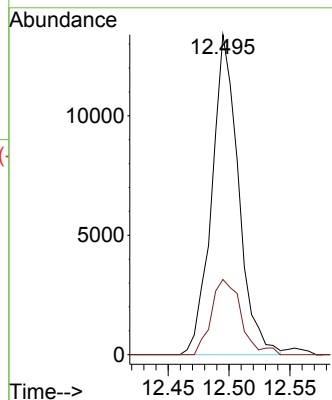
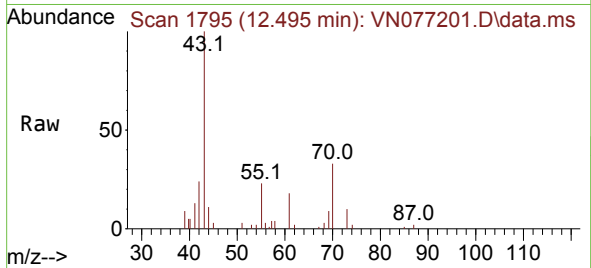




#47
n-amyl acetate
Concen: 2.059 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

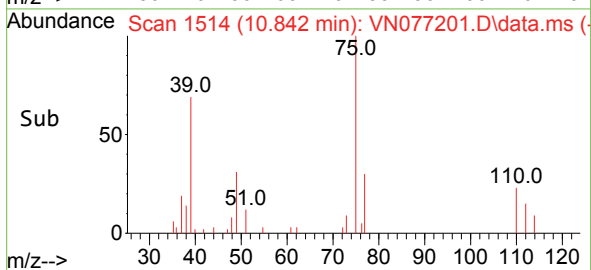
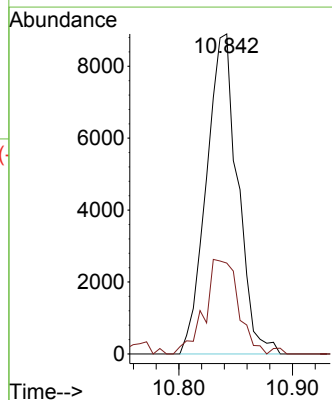
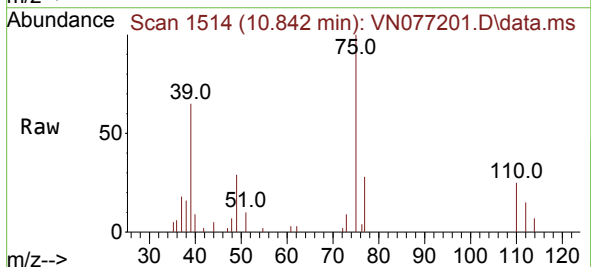
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

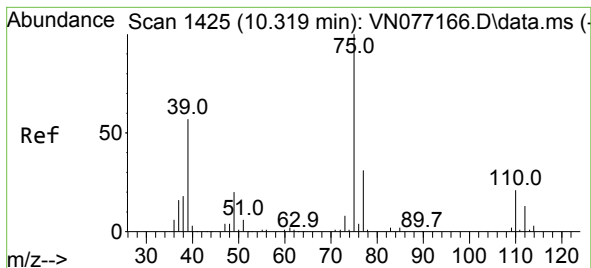
Tgt Ion: 43 Resp: 20503
Ion Ratio Lower Upper
43 100
55 25.1 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 2.470 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 75 Resp: 17056
Ion Ratio Lower Upper
75 100
77 26.6 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 2.420 ug/l

RT: 10.319 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

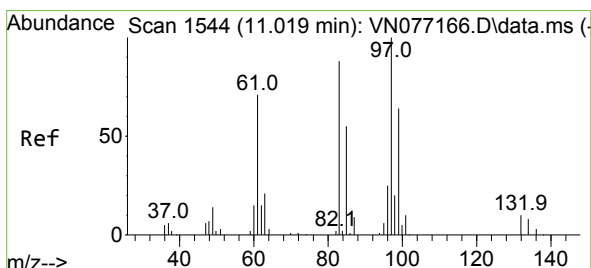
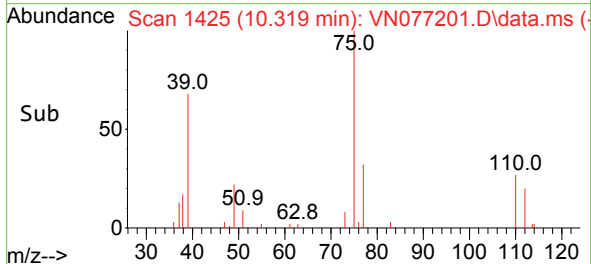
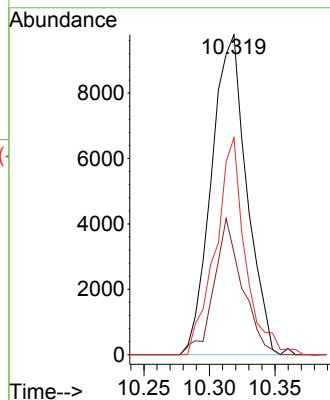
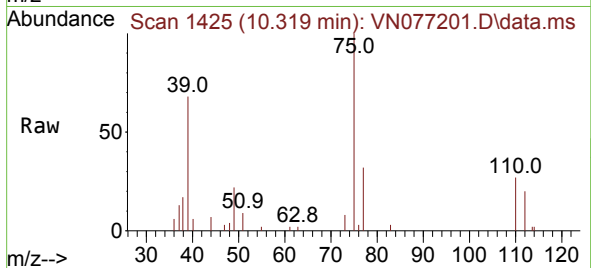
Tgt Ion: 75 Resp: 18299

Ion Ratio Lower Upper

75 100

77 31.9 27.5 41.3

39 67.8 43.5 65.3#



#50

1,1,2-Trichloroethane

Concen: 2.726 ug/l

RT: 11.013 min Scan# 1543

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Tgt Ion: 97 Resp: 12777

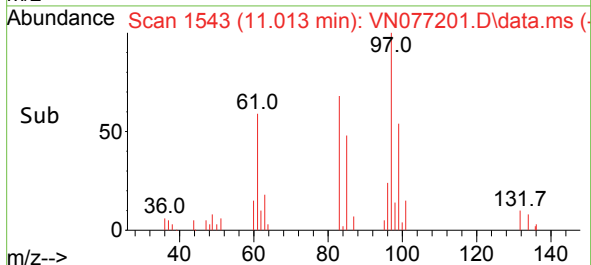
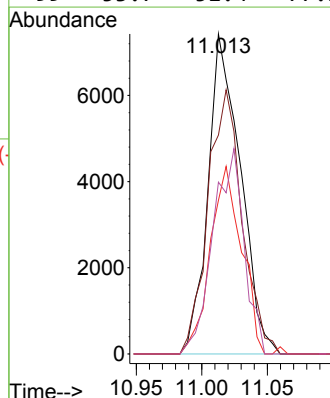
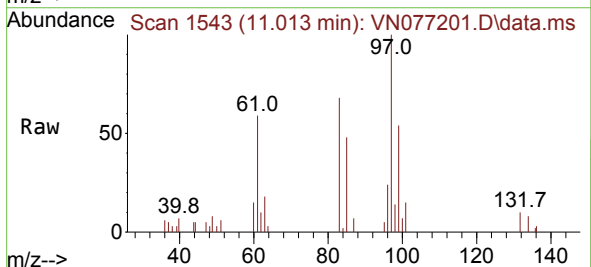
Ion Ratio Lower Upper

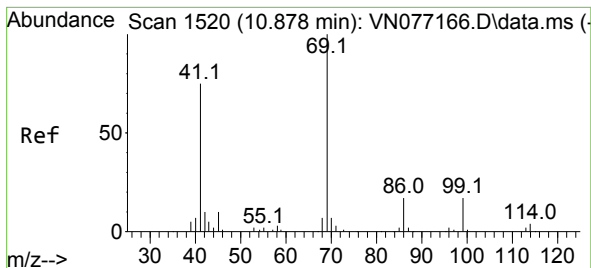
97 100

83 68.4 71.0 106.4#

85 48.0 45.5 68.3

99 53.7 51.4 77.2





#51

Ethyl methacrylate

Concen: 2.167 ug/l

RT: 10.877 min Scan# 1568

Delta R.T. -0.001 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

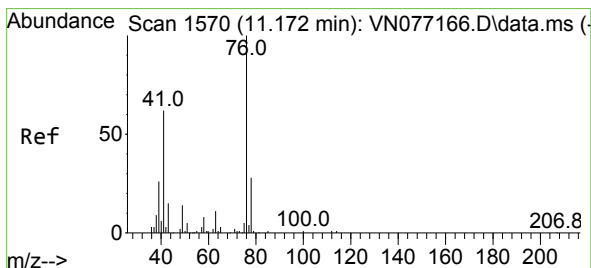
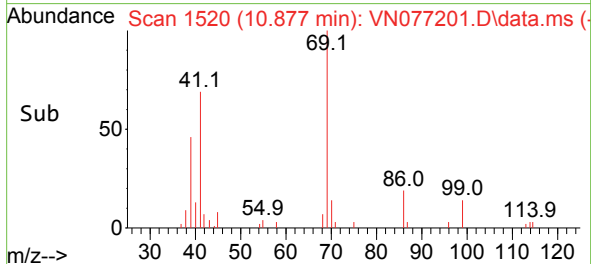
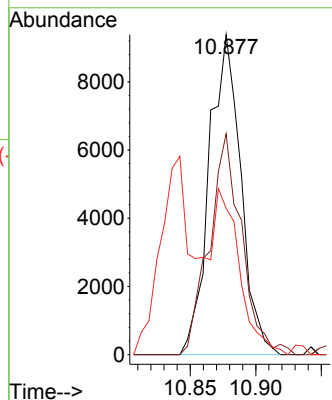
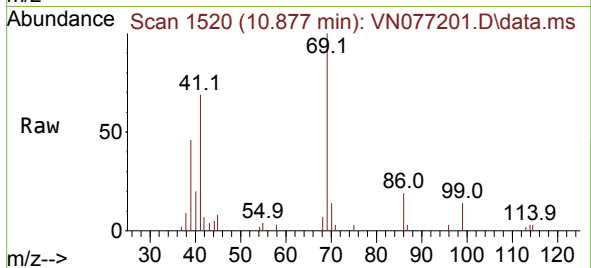
Tgt Ion: 69 Resp: 15684

Ion Ratio Lower Upper

69 100

41 69.0 36.3 108.7

39 44.1 19.9 59.7



#52

1,3-Dichloropropane

Concen: 2.641 ug/l

RT: 11.160 min Scan# 1568

Delta R.T. -0.012 min

Lab File: VN077201.D

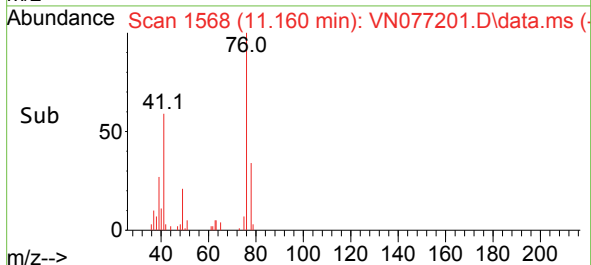
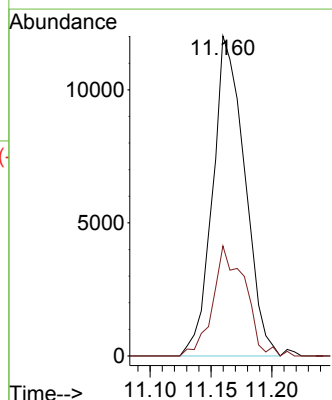
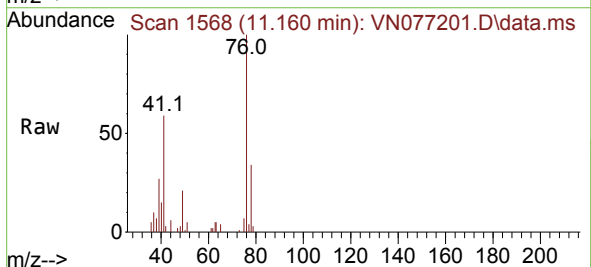
Acq: 27 Mar 2023 14:01

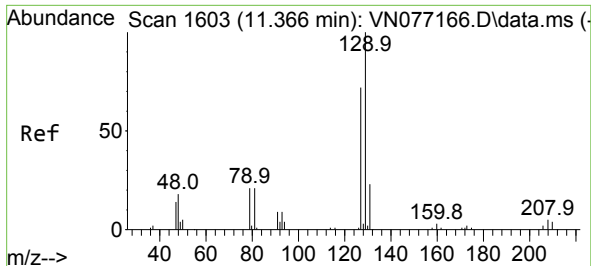
Tgt Ion: 76 Resp: 21975

Ion Ratio Lower Upper

76 100

78 19.9 0.0 65.4

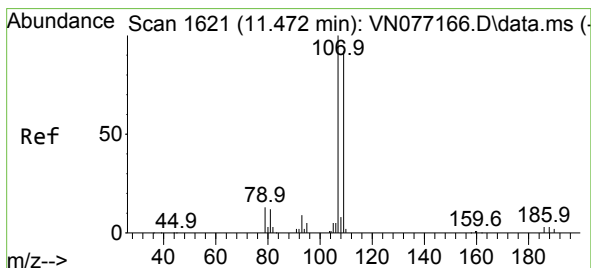
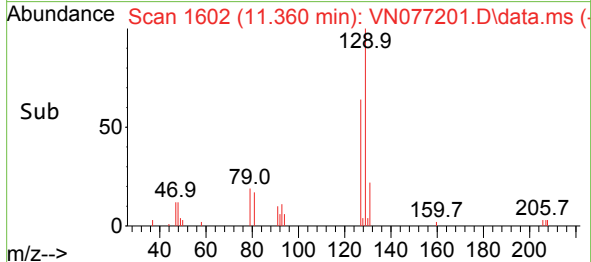
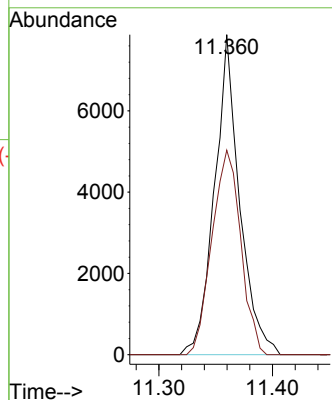
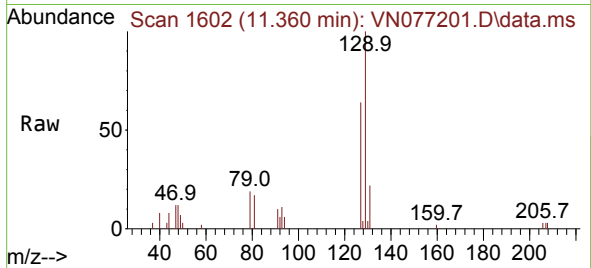




#53
Dibromochloromethane
Concen: 2.491 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

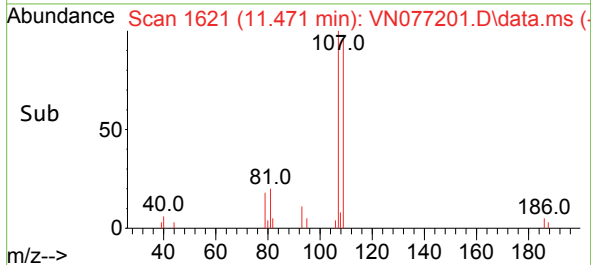
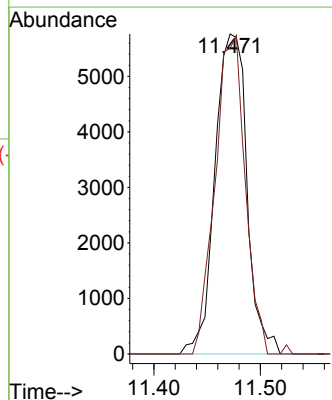
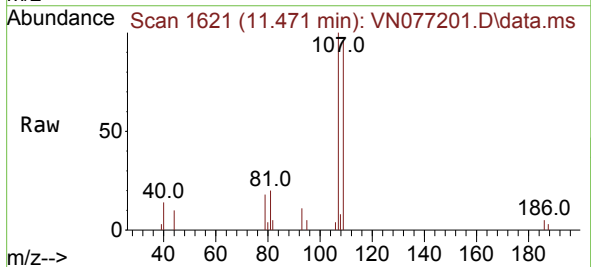
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

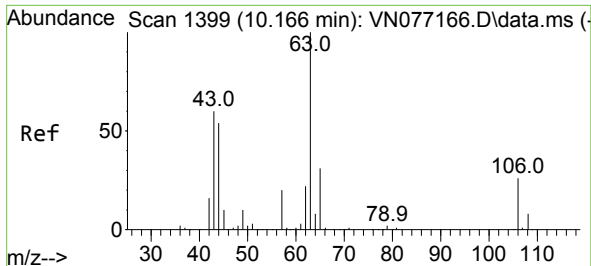
Tgt Ion:129 Resp: 12086
Ion Ratio Lower Upper
129 100
127 73.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 2.604 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:107 Resp: 12012
Ion Ratio Lower Upper
107 100
109 93.7 74.6 112.0

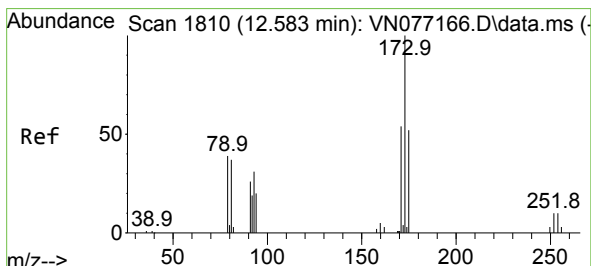
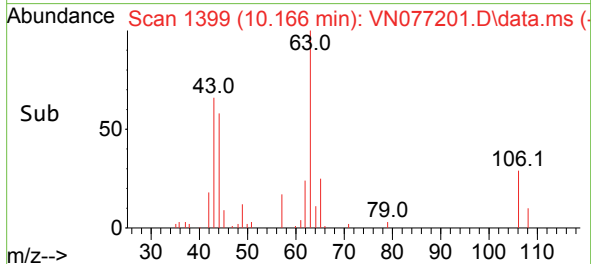
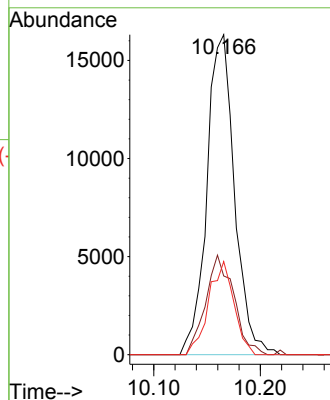
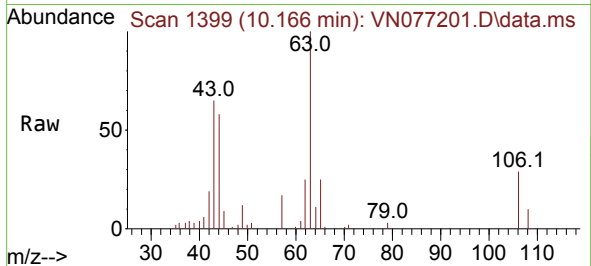




#55
2-Chloroethyl vinyl ether
Concen: 9.742 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

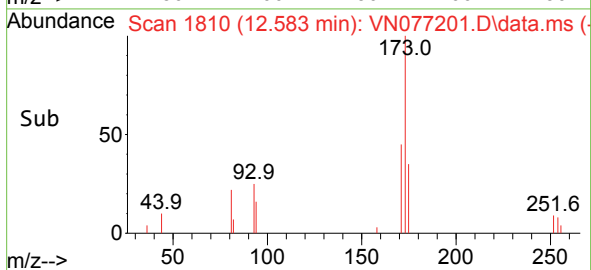
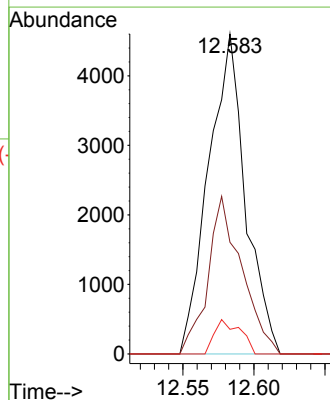
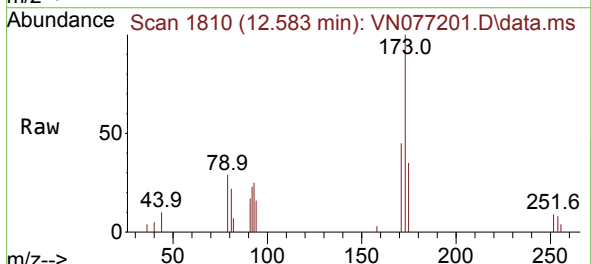
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

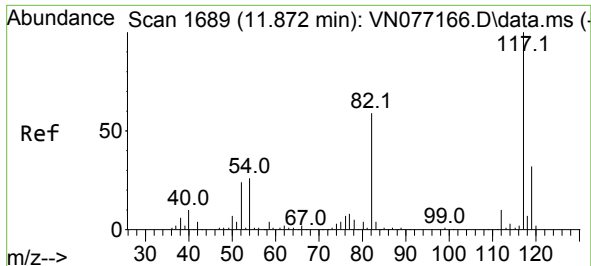
Tgt Ion:	63	Resp:	29475
Ion	Ratio	Lower	Upper
63	100		
65	31.6	26.3	39.5
106	26.6	21.6	32.4



#56
Bromoform
Concen: 2.436 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:	173	Resp:	8296
Ion	Ratio	Lower	Upper
173	100		
175	45.2	37.8	56.6
254	7.5	7.3	10.9

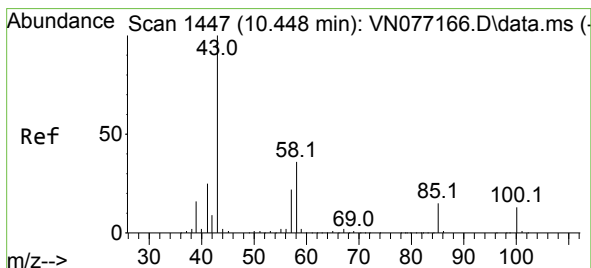
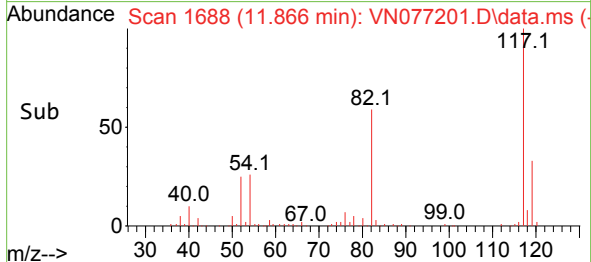
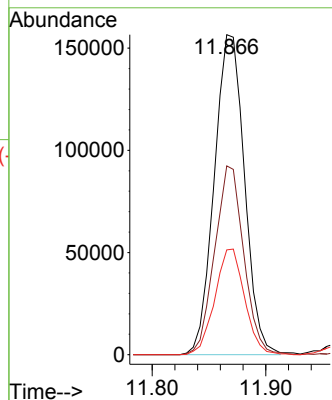
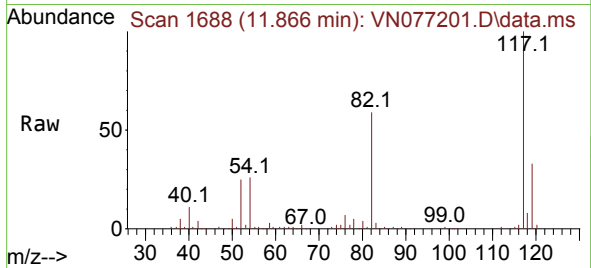




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

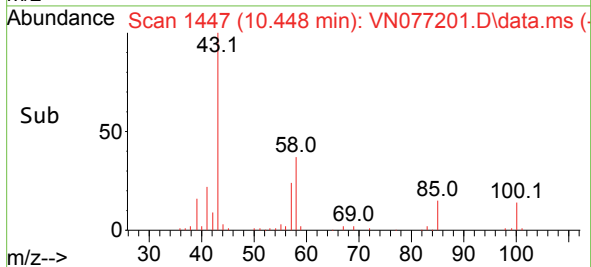
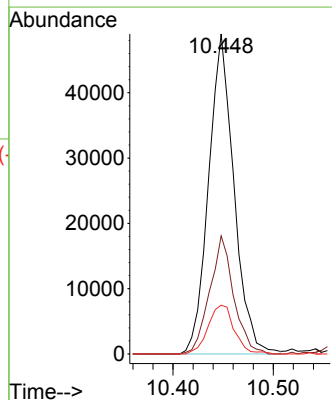
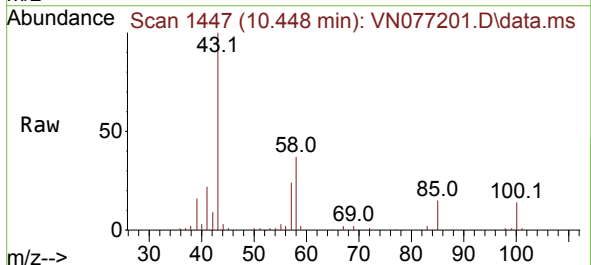
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

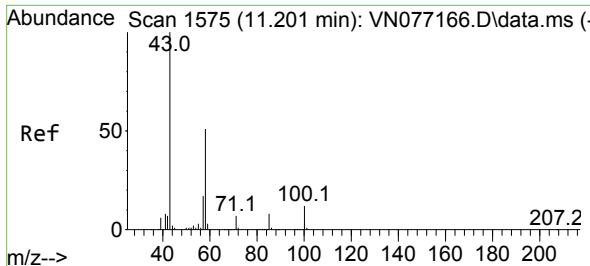
Tgt Ion:117 Resp: 289555
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 32.5 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 11.509 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 43 Resp: 86006
Ion Ratio Lower Upper
43 100
58 34.9 28.6 42.8
85 15.5 11.8 17.8

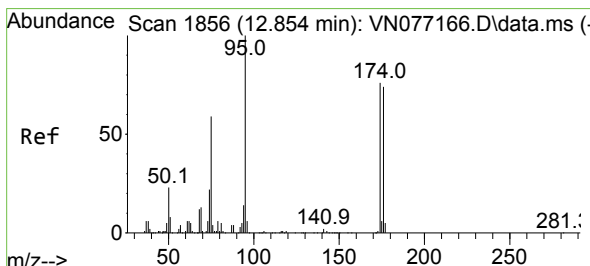
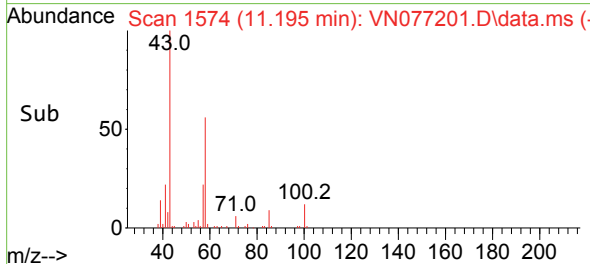
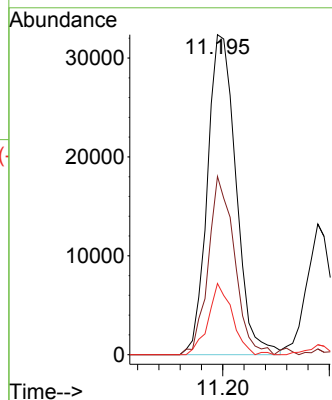
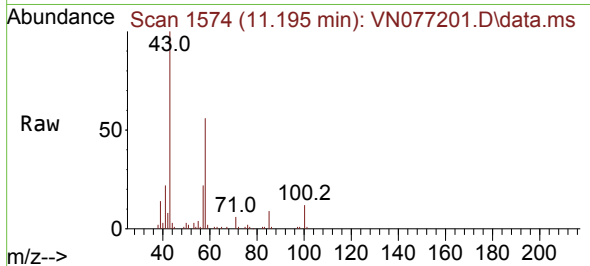




#59
2-Hexanone
Concen: 11.070 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

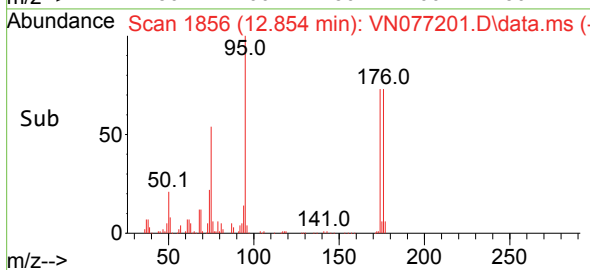
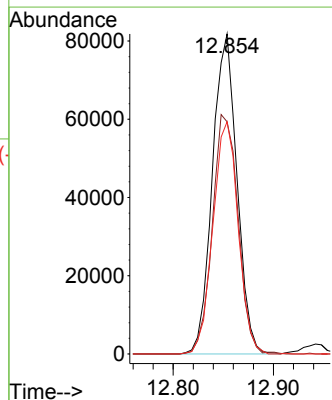
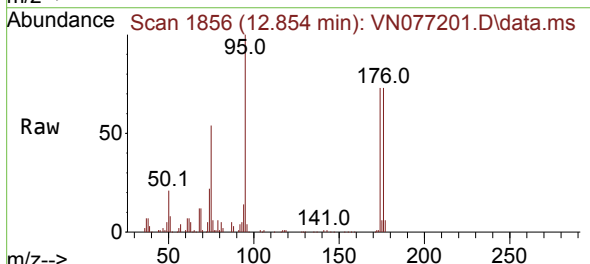
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

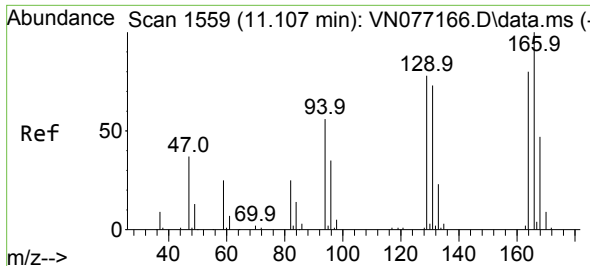
Tgt Ion: 43 Resp: 60322
Ion Ratio Lower Upper
43 100
58 50.6 40.6 60.8
57 18.5 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 26.769 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 95 Resp: 139246
Ion Ratio Lower Upper
95 100
174 77.8 64.2 96.4
176 74.6 61.4 92.0

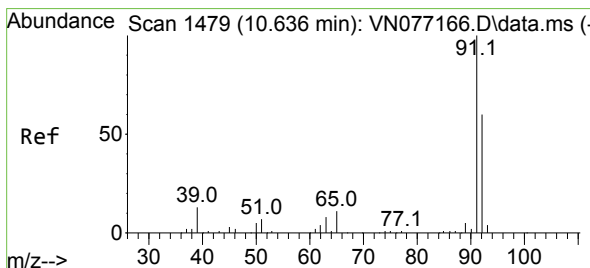
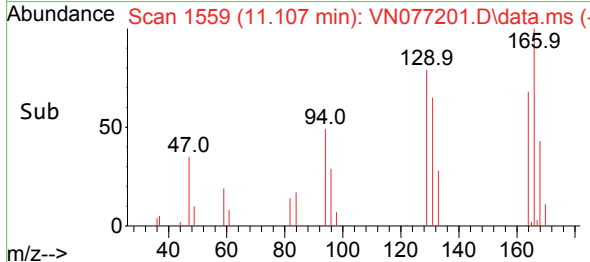
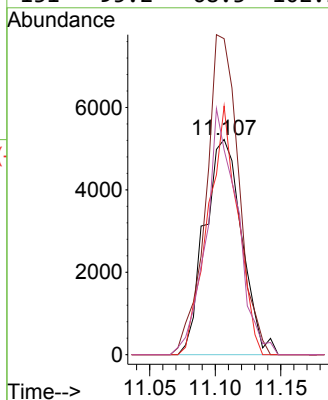
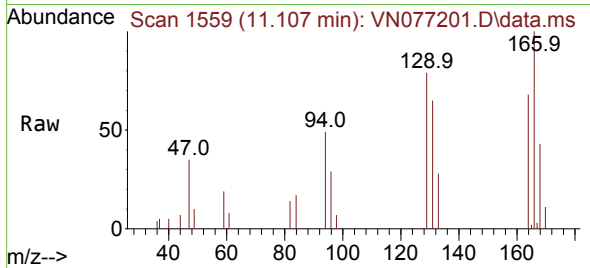




#61
Tetrachloroethene
Concen: 2.826 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

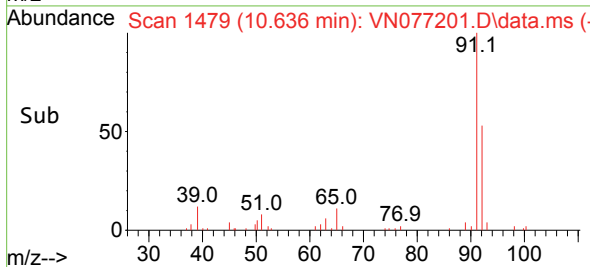
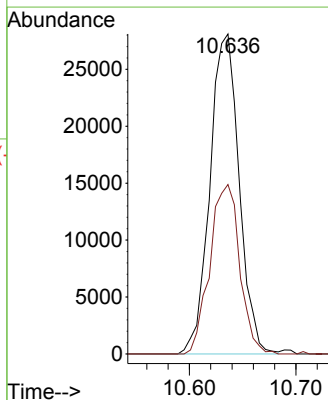
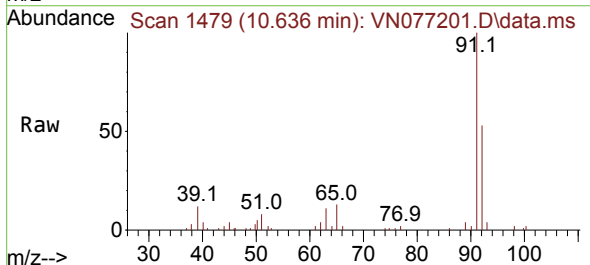
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

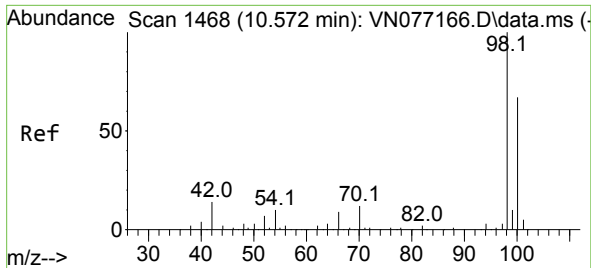
Tgt Ion:164 Resp: 10271
Ion Ratio Lower Upper
164 100
166 146.9 96.2 144.2#
129 115.6 78.2 117.4
131 95.2 68.3 102.5



#62
Toluene
Concen: 2.632 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 91 Resp: 53557
Ion Ratio Lower Upper
91 100
92 54.1 46.3 69.5

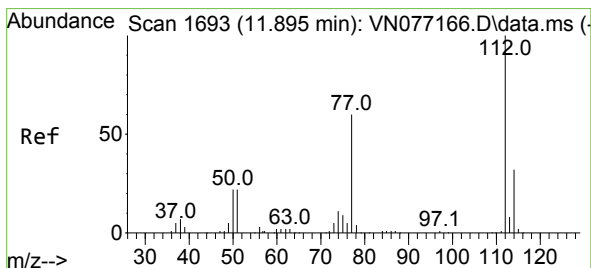
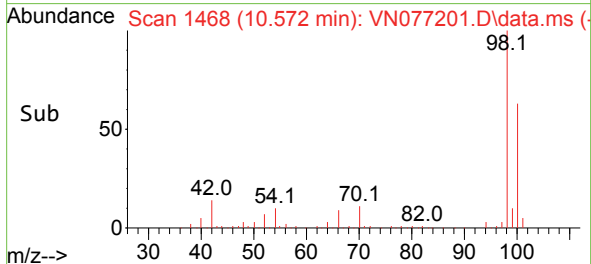
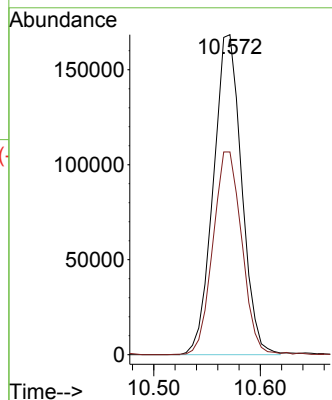
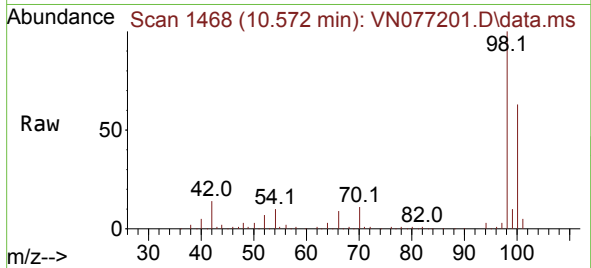




#63
Toluene-d8
Concen: 30.077 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

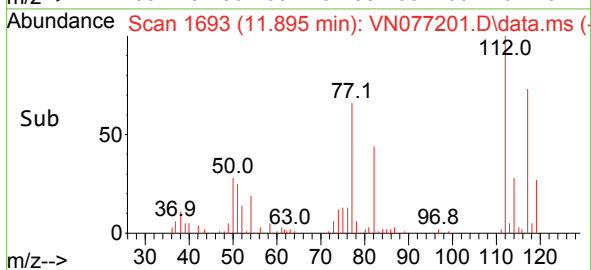
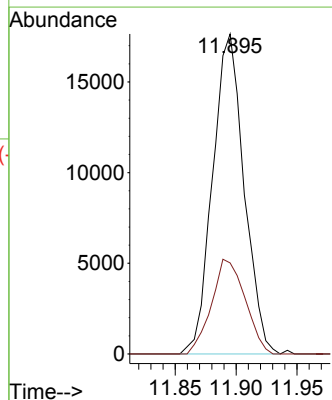
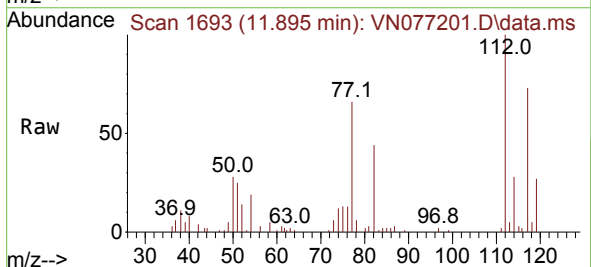
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

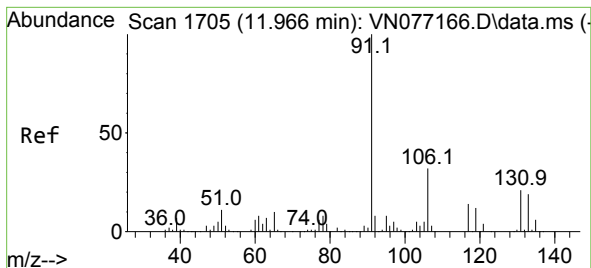
Tgt Ion: 98 Resp: 310880
Ion Ratio Lower Upper
98 100
100 64.2 53.8 80.6



#64
Chlorobenzene
Concen: 2.629 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 112 Resp: 31656
Ion Ratio Lower Upper
112 100
114 28.5 24.5 36.7





#65

1,1,1,2-Tetrachloroethane

Concen: 2.591 ug/l

RT: 11.960 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

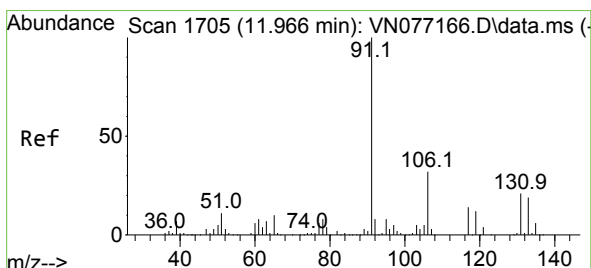
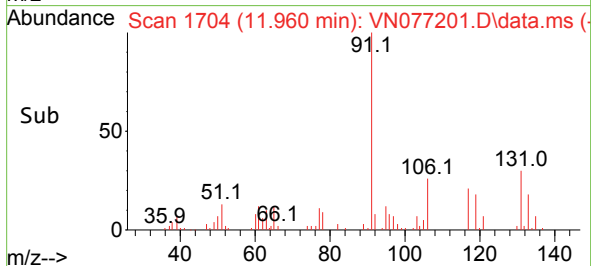
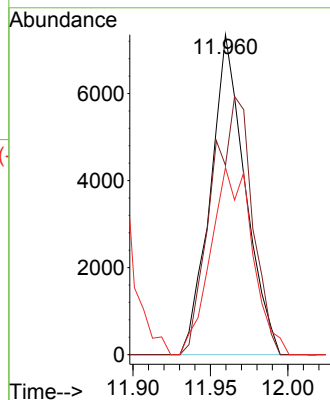
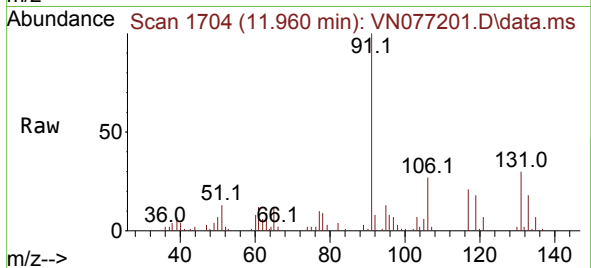
Tgt Ion:131 Resp: 11457

Ion Ratio Lower Upper

131 100

133 94.6 0.0 197.6

119 70.4 0.0 127.8



#66

Ethyl Benzene

Concen: 2.282 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077201.D

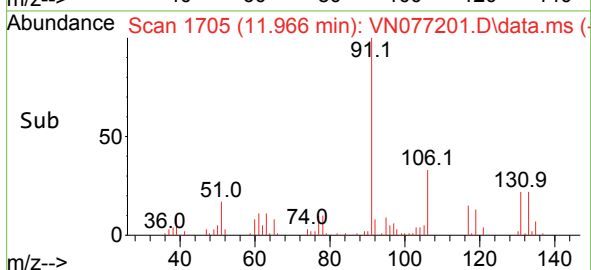
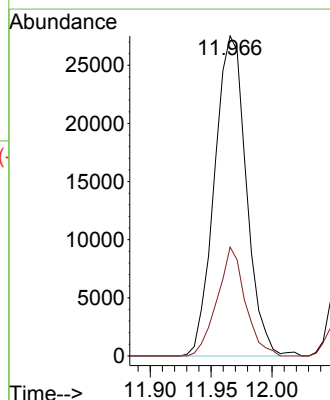
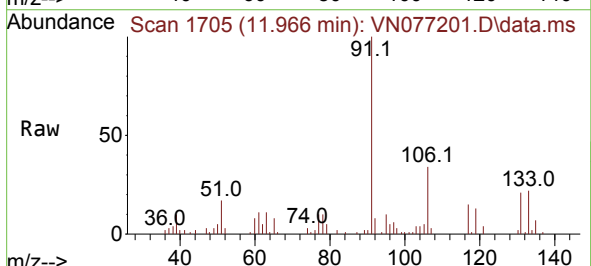
Acq: 27 Mar 2023 14:01

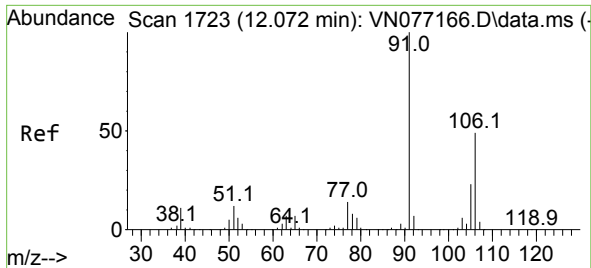
Tgt Ion: 91 Resp: 49907

Ion Ratio Lower Upper

91 100

106 34.0 23.8 35.8

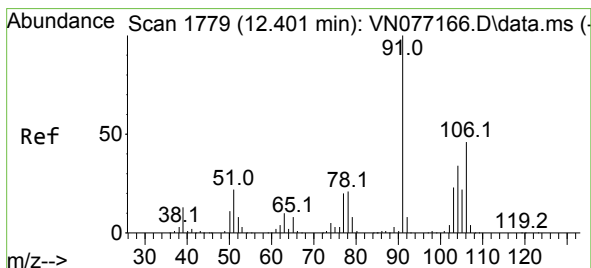
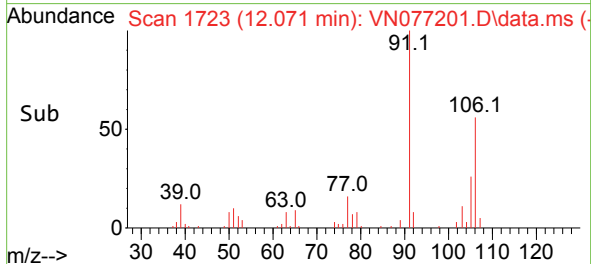
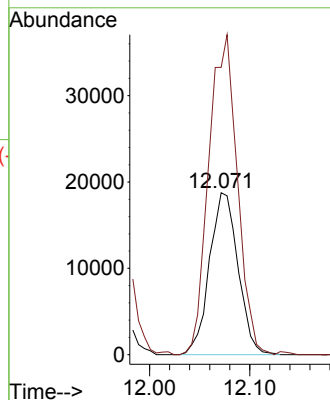
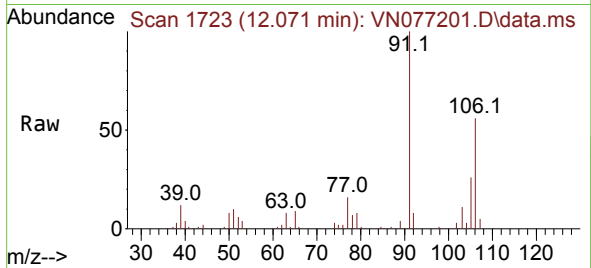




#67
m/p-Xylenes
Concen: 4.411 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

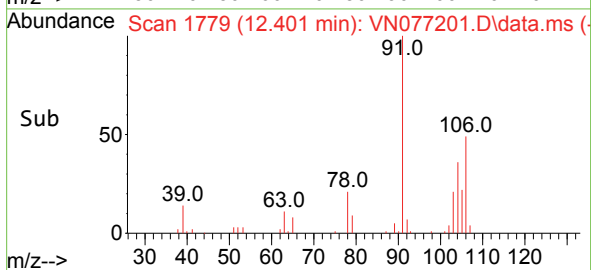
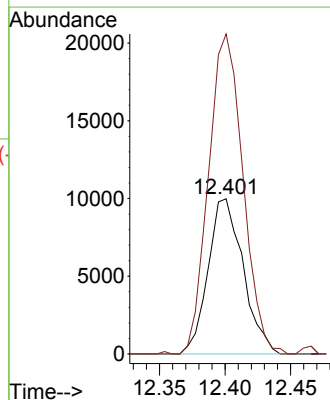
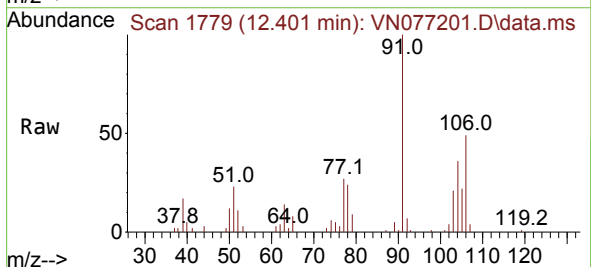
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

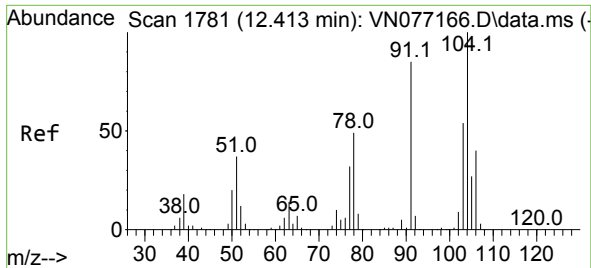
Tgt Ion:106 Resp: 37116
Ion Ratio Lower Upper
106 100
91 198.3 157.4 236.2



#68
o-Xylene
Concen: 2.253 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:106 Resp: 18566
Ion Ratio Lower Upper
106 100
91 202.5 107.2 321.6

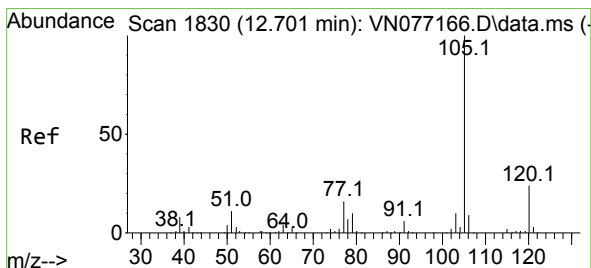
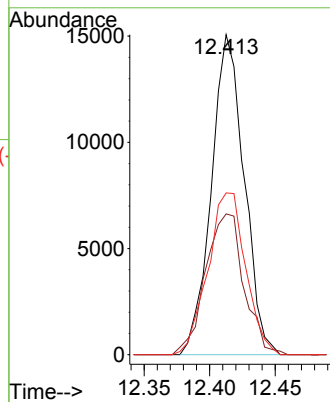
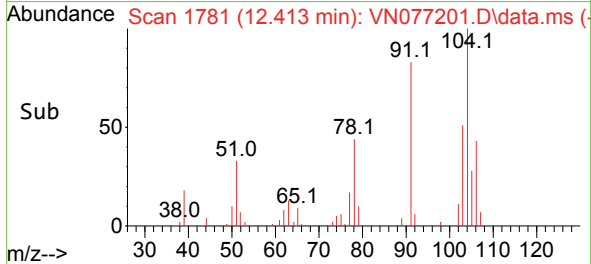
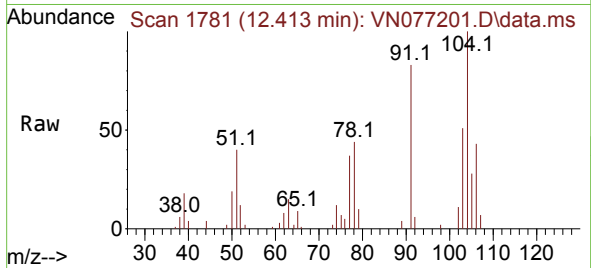




#69
Styrene
Concen: 1.957 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

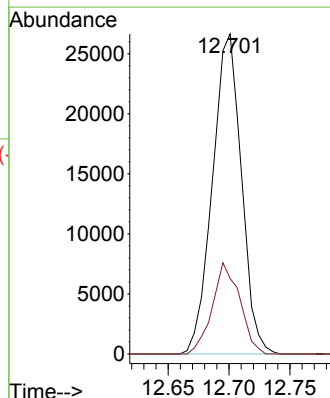
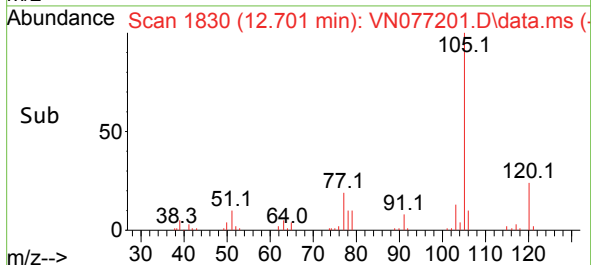
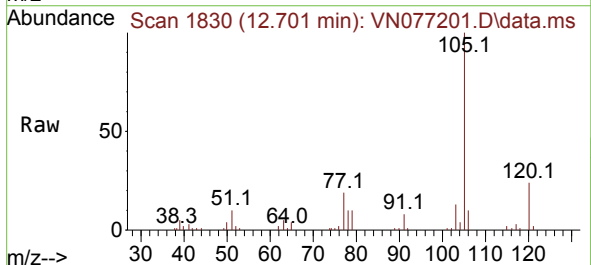
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

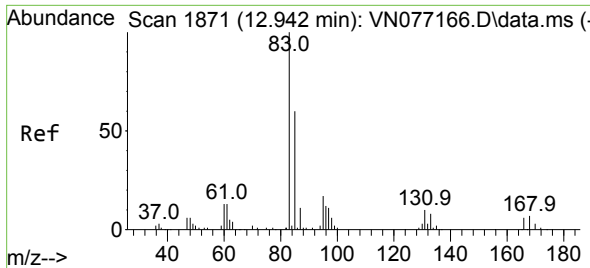
Tgt Ion:104 Resp: 26183
Ion Ratio Lower Upper
104 100
78 51.5 39.6 59.4
103 58.4 43.9 65.9



#70
Isopropylbenzene
Concen: 2.065 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:105 Resp: 44112
Ion Ratio Lower Upper
105 100
120 27.0 19.0 35.2

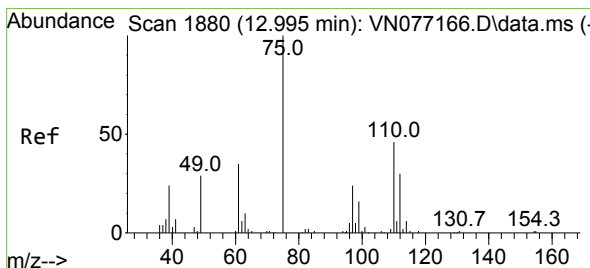
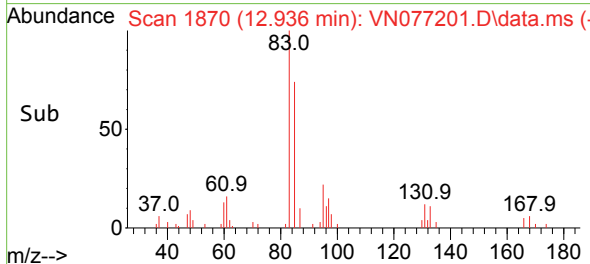
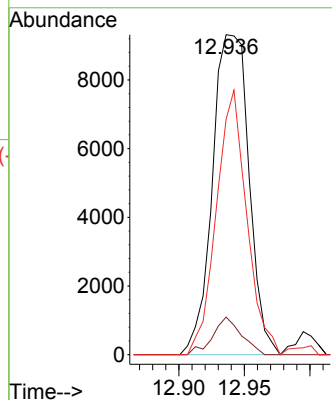
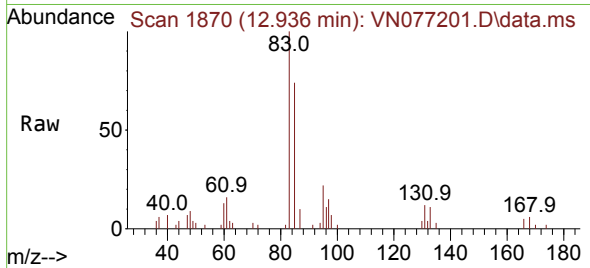




#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.583 ug/l
 RT: 12.936 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

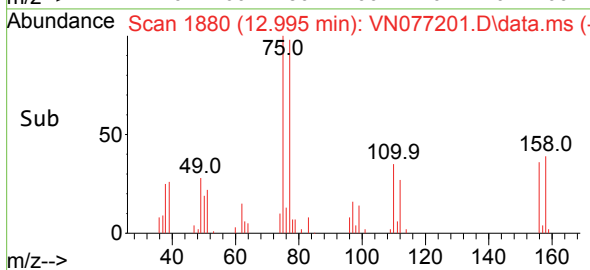
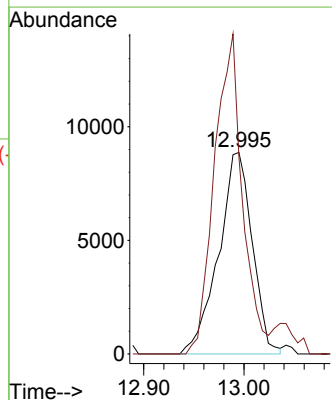
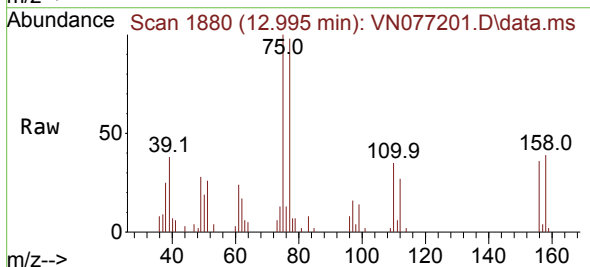
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2023

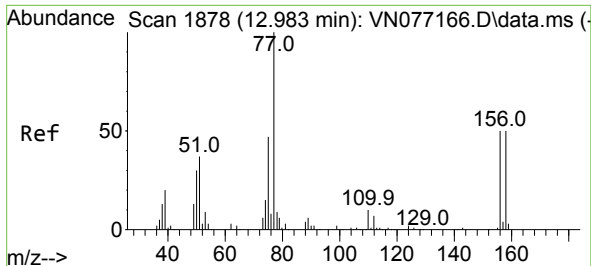
Tgt Ion: 83 Resp: 18063
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 14.9
 85 68.8 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 3.347 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

Tgt Ion: 75 Resp: 20720
 Ion Ratio Lower Upper
 75 100
 77 132.2 0.0 332.6

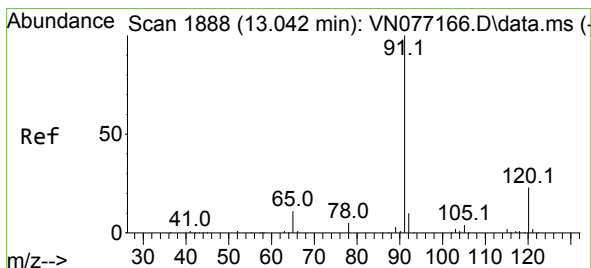
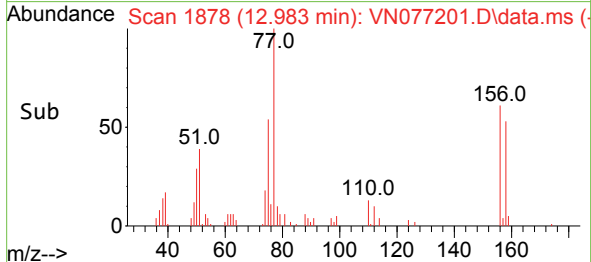
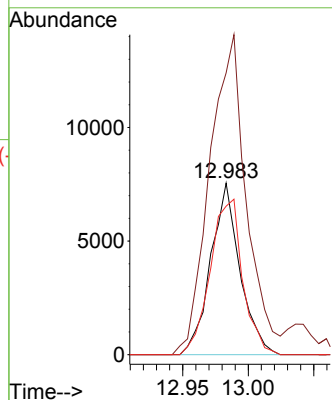
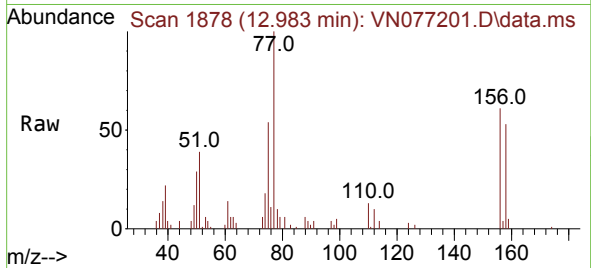




#73
Bromobenzene
Concen: 2.452 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

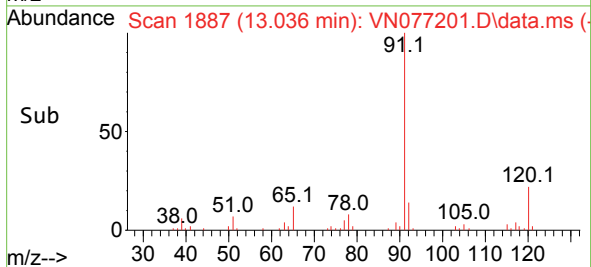
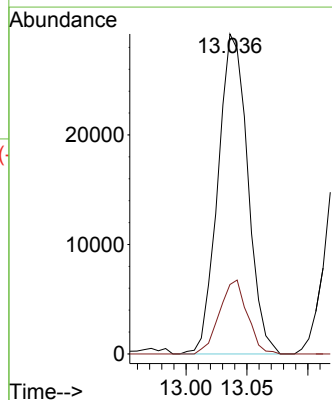
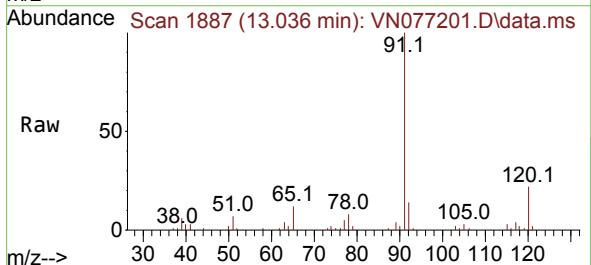
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

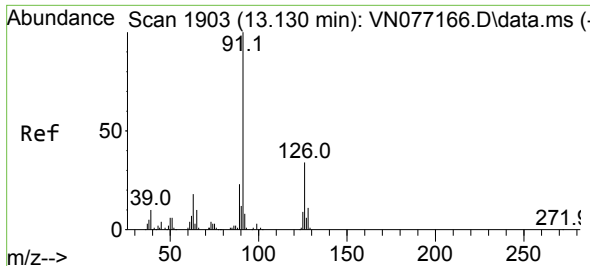
Tgt Ion:156 Resp: 11711
Ion Ratio Lower Upper
156 100
77 234.0 0.0 423.0
158 100.5 0.0 188.6



#74
n-propylbenzene
Concen: 2.012 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 91 Resp: 49775
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0

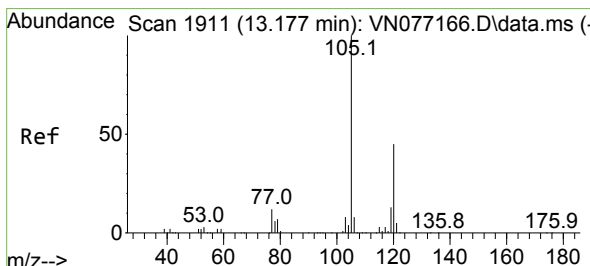
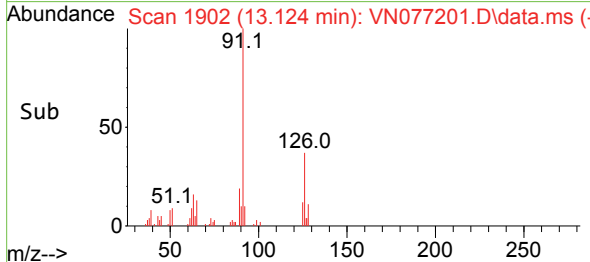
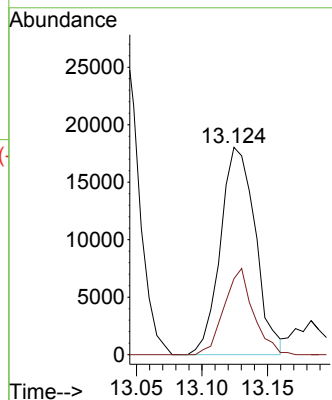
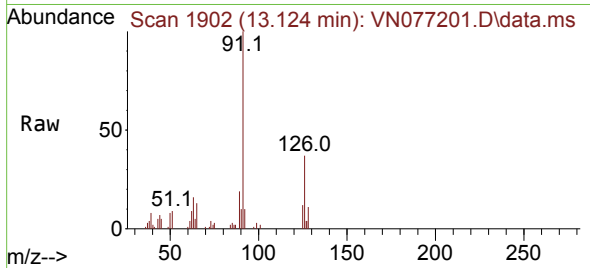




#75
2-Chlorotoluene
Concen: 2.241 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

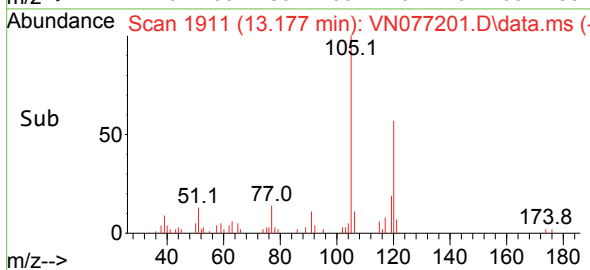
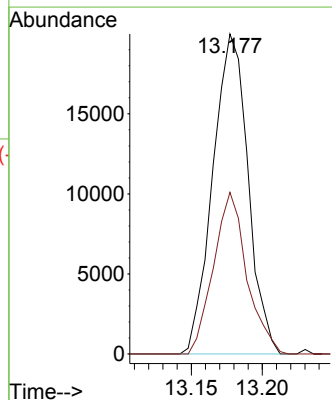
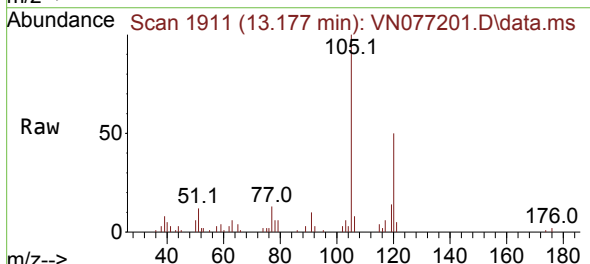
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

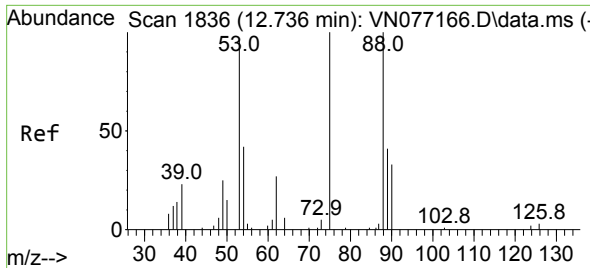
Tgt Ion: 91 Resp: 33423
Ion Ratio Lower Upper
91 100
126 34.7 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 1.944 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:105 Resp: 34474
Ion Ratio Lower Upper
105 100
120 47.7 0.0 103.2

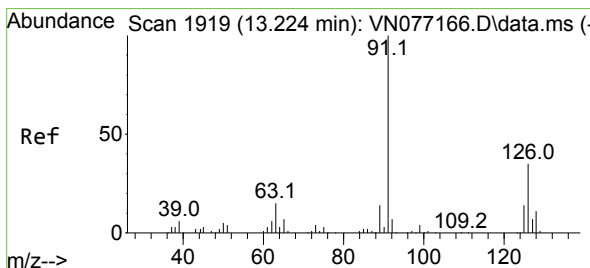
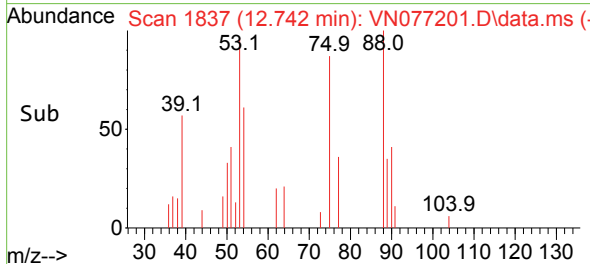
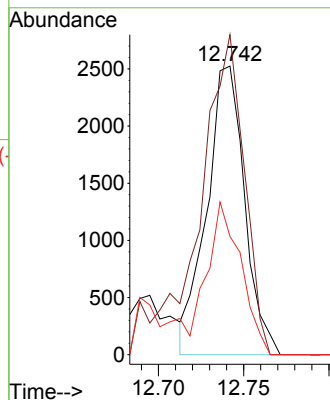
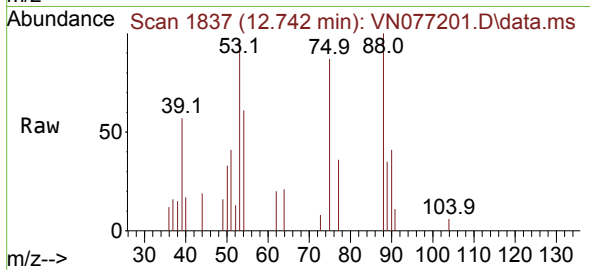




#77
t-1,4-Dichloro-2-butene
Concen: 1.974 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

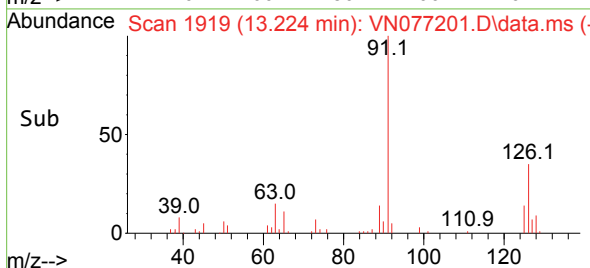
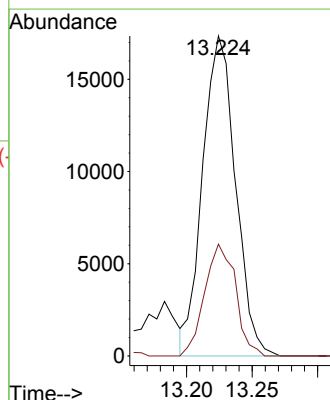
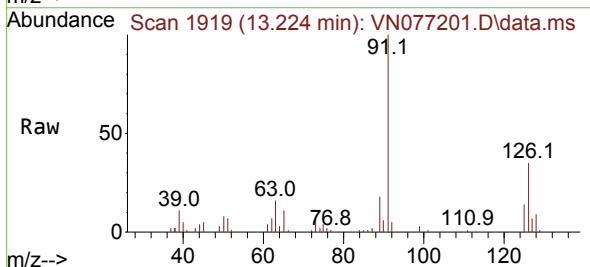
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

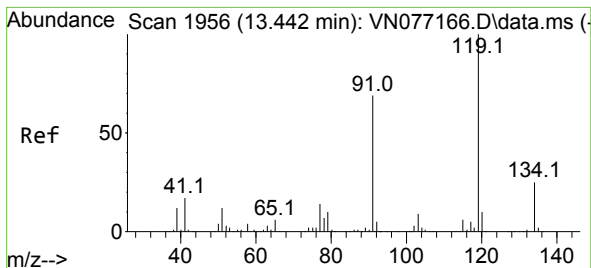
Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
53 110.8 50.4 151.3
89 40.9 22.1 66.5



#78
4-Chlorotoluene
Concen: 2.112 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 91 Resp: 30300
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6

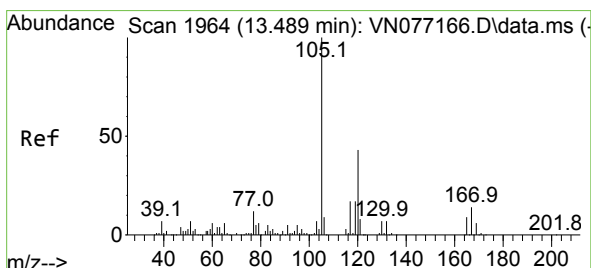
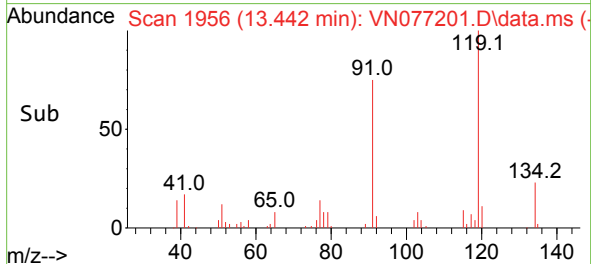
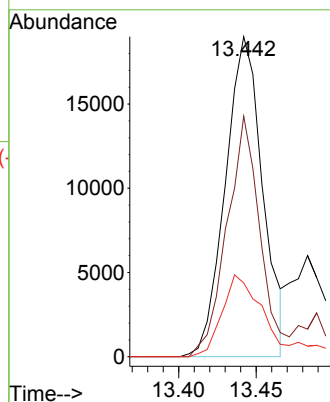
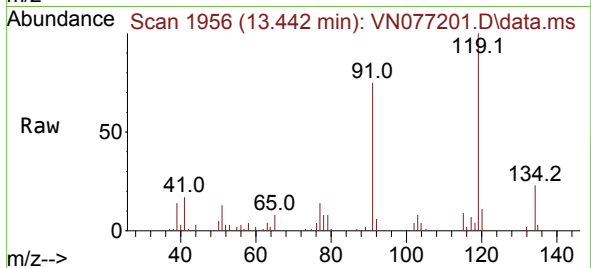




#79
tert-butylbenzene
Concen: 2.100 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

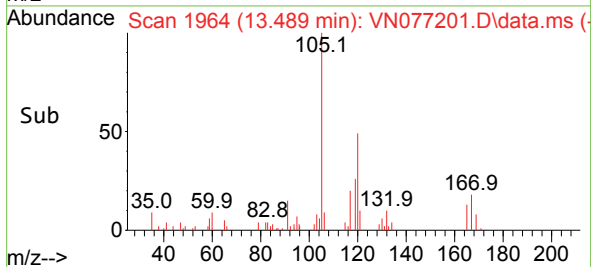
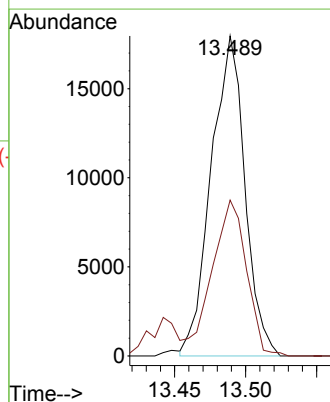
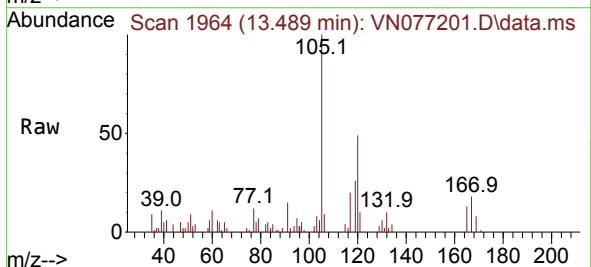
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

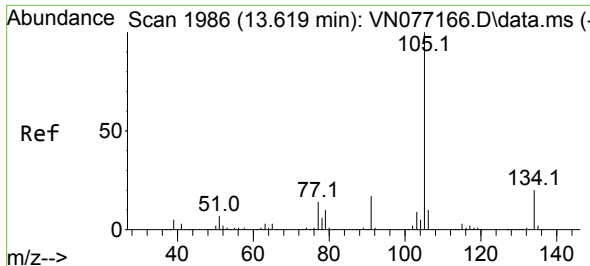
Tgt Ion:119 Resp: 31820
Ion Ratio Lower Upper
119 100
91 66.9 0.0 129.6
134 27.0 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 1.688 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:105 Resp: 29708
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.2

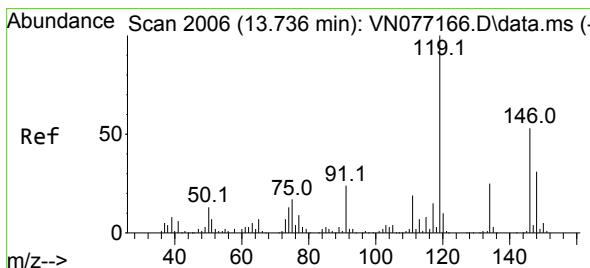
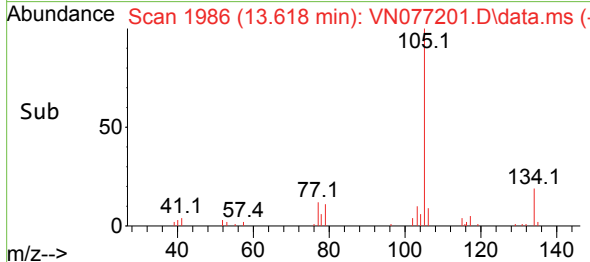
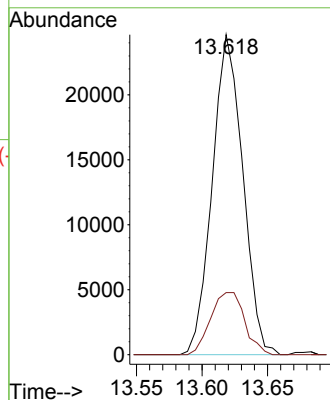
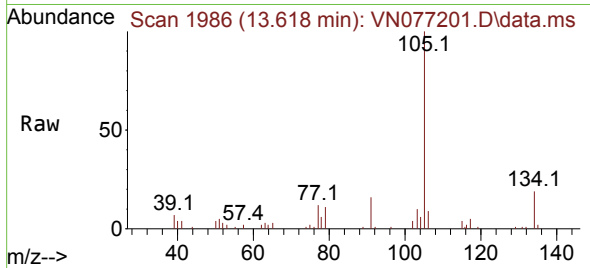




#81
 sec-Butylbenzene
 Concen: 1.820 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

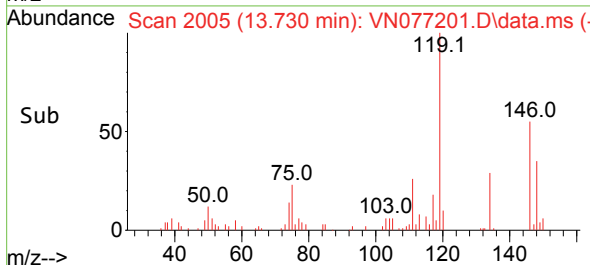
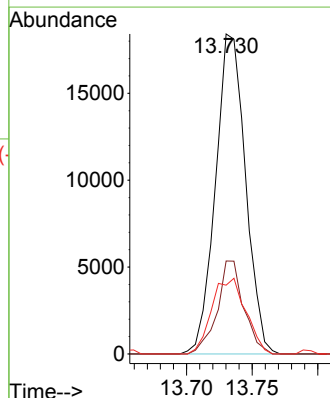
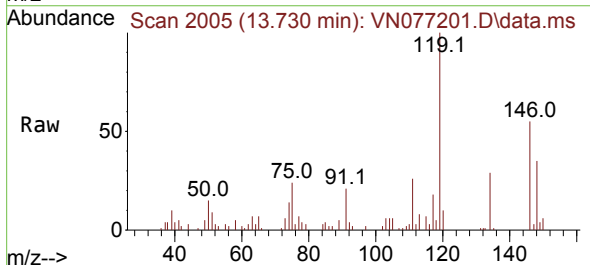
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2023

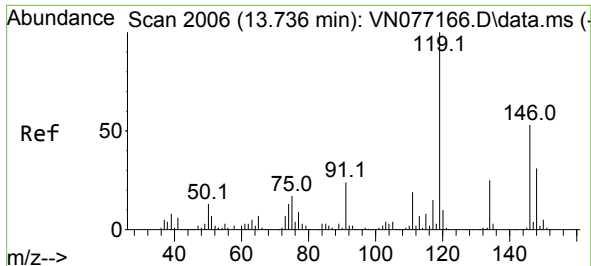
Tgt Ion:105 Resp: 39808
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 1.673 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077201.D
 Acq: 27 Mar 2023 14:01

Tgt Ion:119 Resp: 29338
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 53.4
 91 26.8 0.0 47.2

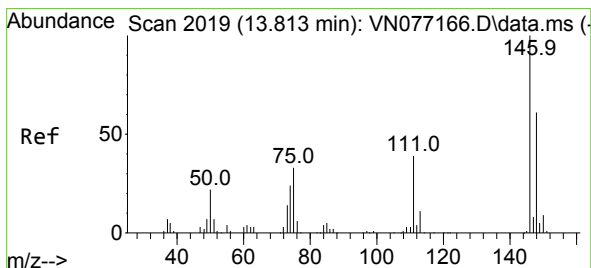
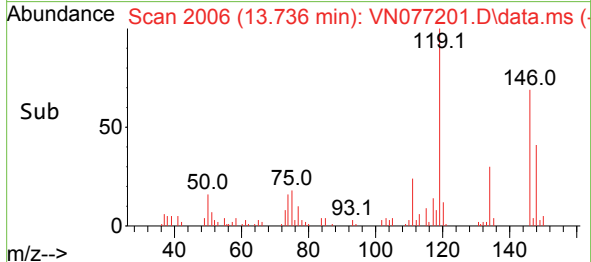
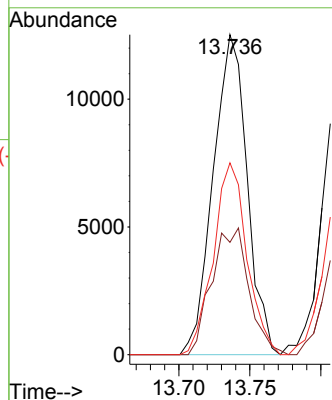
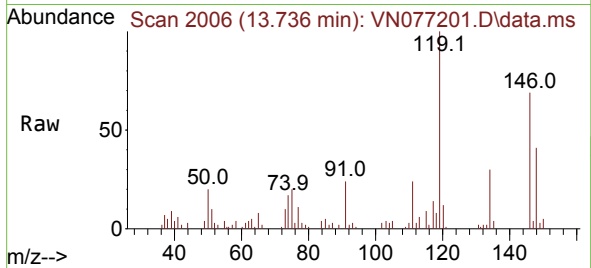




#83
1,3-Dichlorobenzene
Concen: 2.354 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

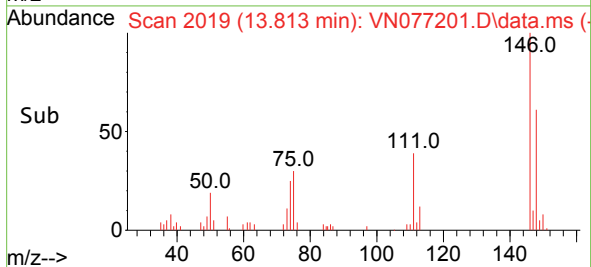
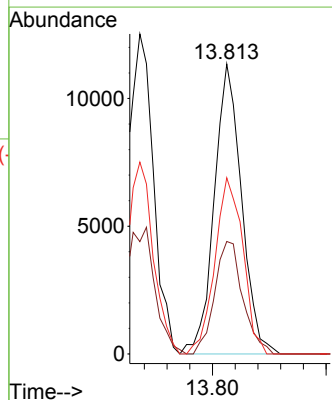
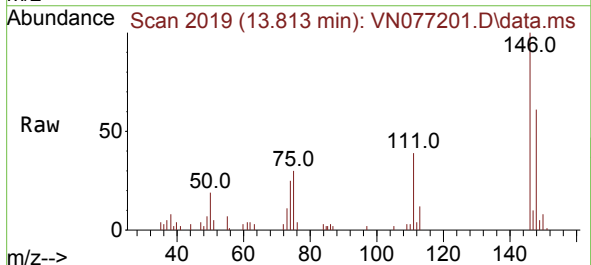
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

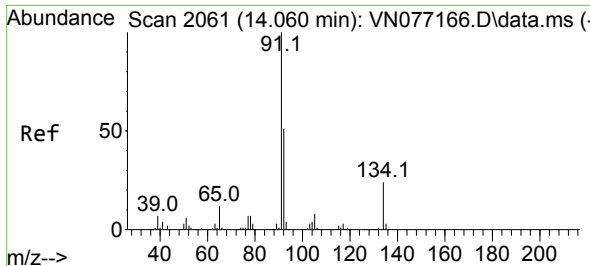
Tgt Ion:146 Resp: 20823
Ion Ratio Lower Upper
146 100
111 43.4 20.3 60.8
148 59.4 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 2.200 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion:146 Resp: 18952
Ion Ratio Lower Upper
146 100
111 40.1 18.2 54.6
148 62.4 31.1 93.2

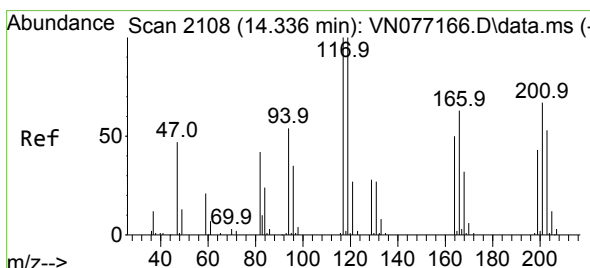
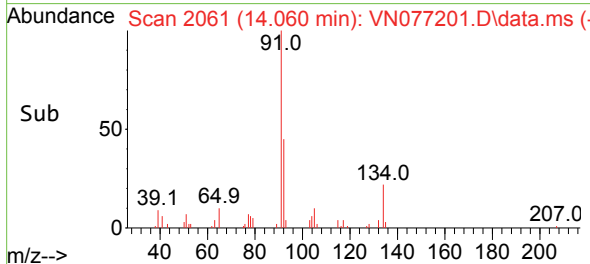
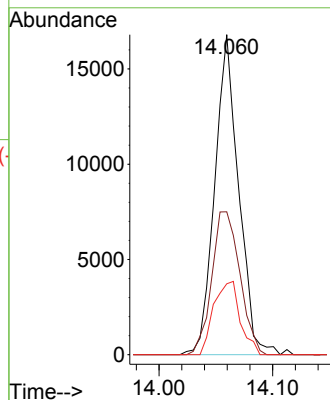
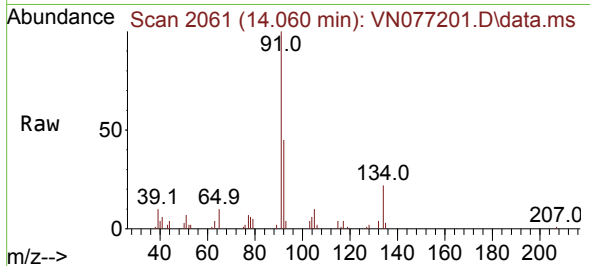




#85
n-Butylbenzene
Concen: 1.657 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

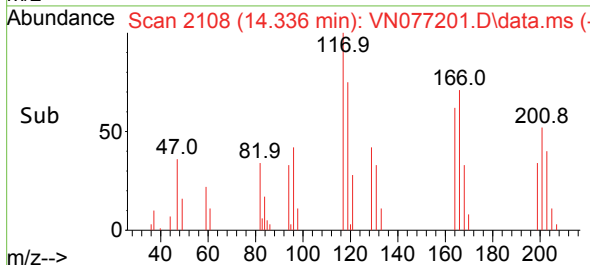
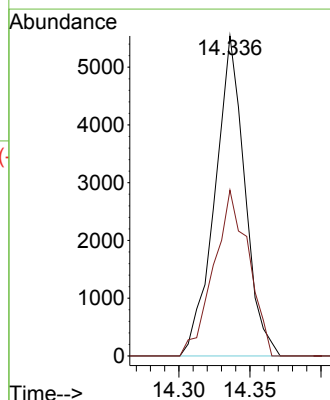
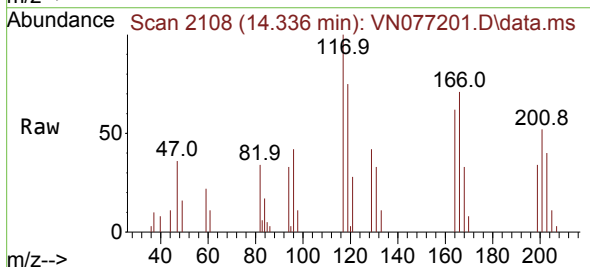
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

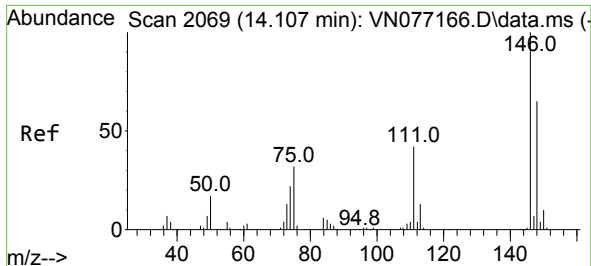
Tgt Ion: 91 Resp: 24557
Ion Ratio Lower Upper
91 100
92 52.6 0.0 103.2
134 25.3 0.0 50.0



#86
Hexachloroethane
Concen: 2.425 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077201.D
Acq: 27 Mar 2023 14:01

Tgt Ion: 117 Resp: 8108
Ion Ratio Lower Upper
117 100
201 60.7 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 2.218 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.005 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

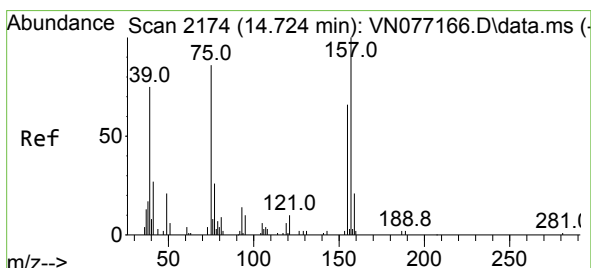
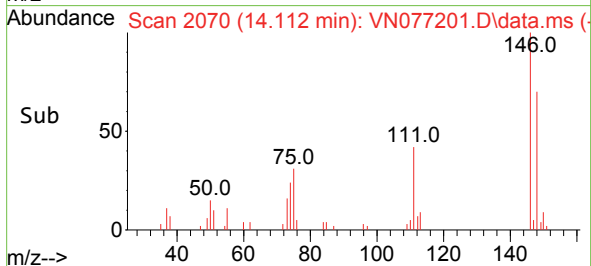
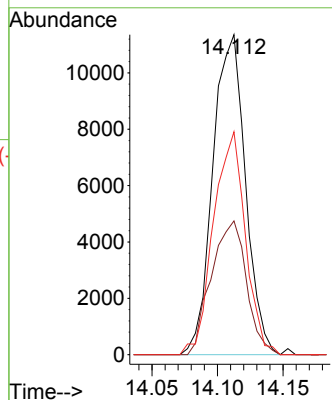
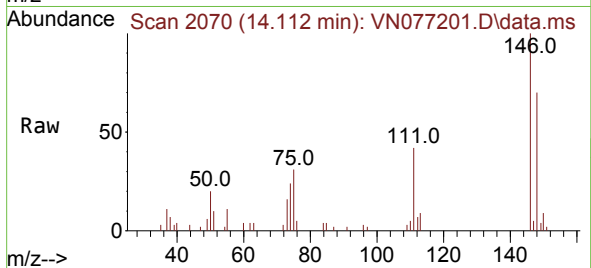
Tgt Ion:146 Resp: 19620

Ion Ratio Lower Upper

146 100

111 45.2 20.5 61.6

148 68.2 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.347 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

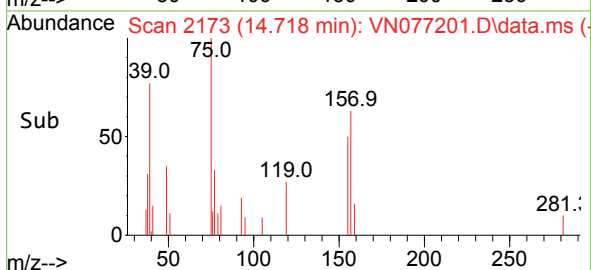
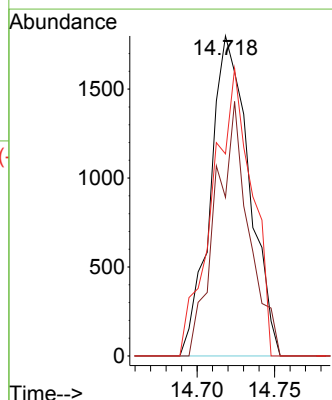
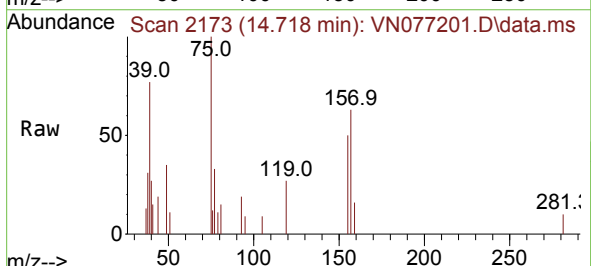
Tgt Ion: 75 Resp: 3149

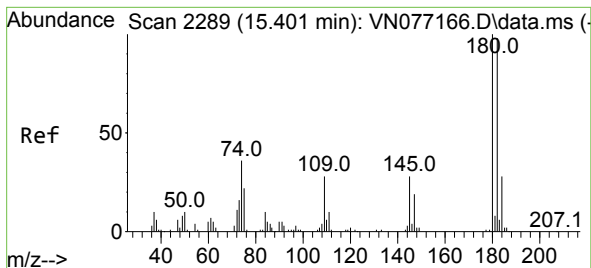
Ion Ratio Lower Upper

75 100

155 67.7 62.5 93.7

157 90.7 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 1.639 ug/l

RT: 15.401 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077201.D

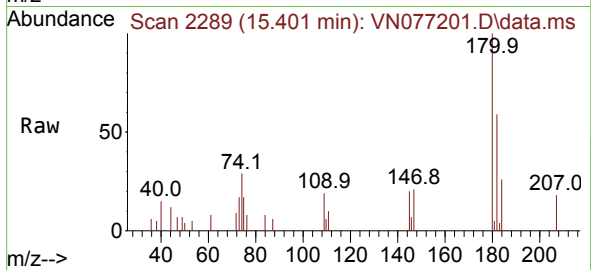
Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023



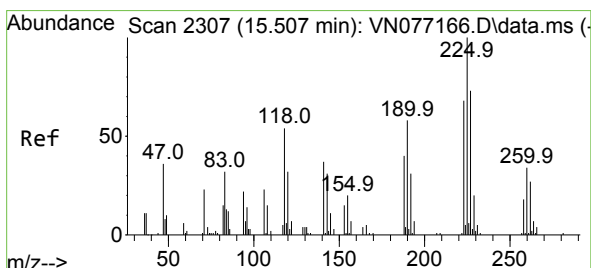
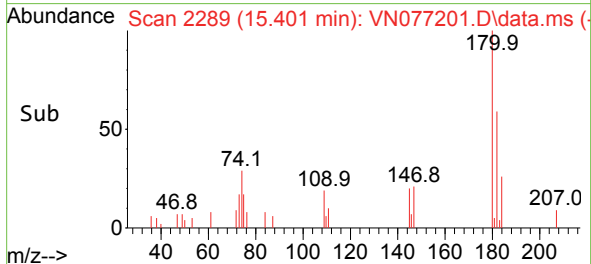
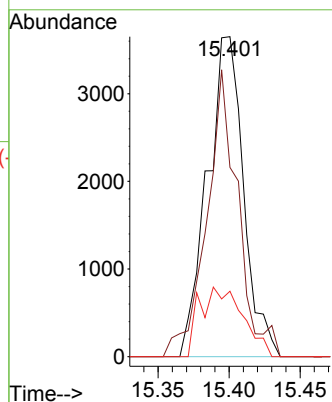
Tgt Ion:180 Resp: 6467

Ion Ratio Lower Upper

180 100

182 64.4 76.6 115.0#

145 19.4 24.6 36.8#



#90

Hexachlorobutadiene

Concen: 2.470 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

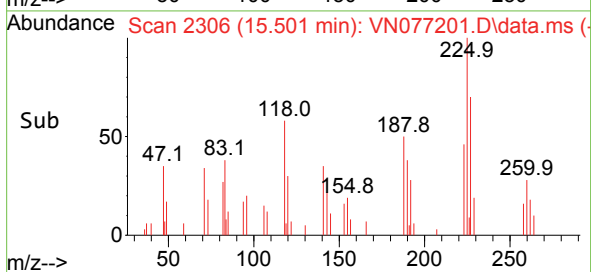
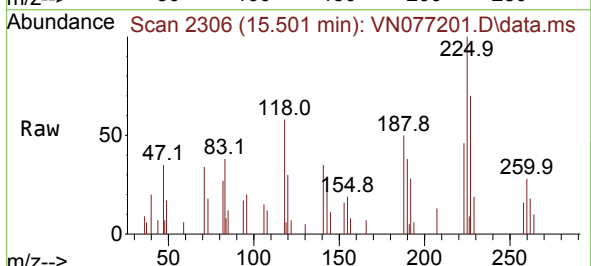
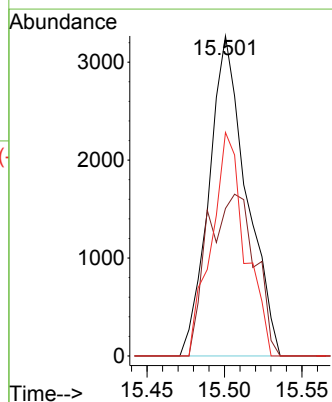
Tgt Ion:225 Resp: 5498

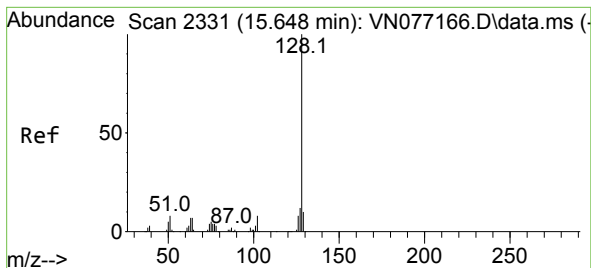
Ion Ratio Lower Upper

225 100

223 43.5 0.0 135.4

227 62.9 0.0 129.4





#91

Naphthalene

Concen: 0.995 ug/l

RT: 15.642 min Scan# 2331

Delta R.T. -0.006 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

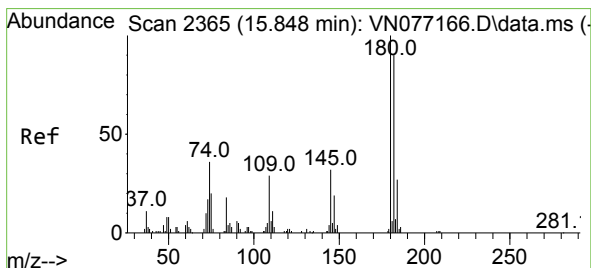
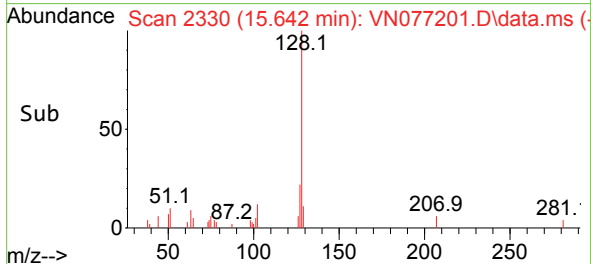
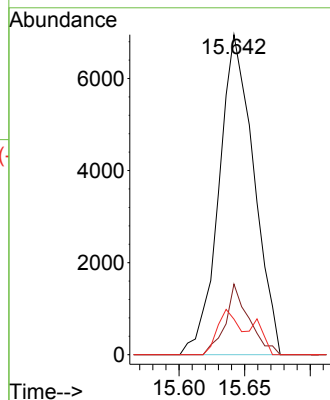
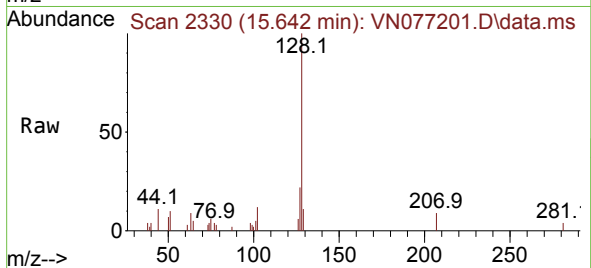
Tgt Ion:128 Resp: 12881

Ion Ratio Lower Upper

128 100

127 14.9 11.0 16.6

129 8.5 8.9 13.3#



#92

1,2,3-Trichlorobenzene

Concen: 1.522 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. -0.000 min

Lab File: VN077201.D

Acq: 27 Mar 2023 14:01

Tgt Ion:180 Resp: 5964

Ion Ratio Lower Upper

180 100

182 94.0 0.0 190.8

145 20.4 0.0 65.0

