

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077288.D
 Acq On : 10 Apr 2023 12:46
 Operator : JC\MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: Apr 11 01:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	58355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	449819	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	476271	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	149624	30.232	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.854	95	221558	26.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.667%	
63) Toluene-d8	10.566	98	500851	29.914	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.131	85	16885	3.044	ug/l	93
3) Chloromethane	2.372	50	23603	3.202	ug/l #	84
4) Vinyl Chloride	2.519	62	33477	3.171	ug/l #	88
5) Bromomethane	2.960	94	27153	3.413	ug/l	95
6) Chloroethane	3.131	64	28635m	4.047	ug/l	
7) Trichlorofluoromethane	3.513	101	32540m	3.310	ug/l	
8) Diethyl Ether	3.972	74	13485m	3.219	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.384	101	21447m	3.489	ug/l	
10) 1,1-Dichloroethene	4.354	96	20224	3.289	ug/l	87
11) Methyl Iodide	4.607	142	21206	3.053	ug/l	90
12) Methyl Acetate	5.037	43	26467m	2.889	ug/l	
13) Acrolein	4.190	56	18871	16.595	ug/l #	71
14) Acrylonitrile	5.731	53	44252	14.131	ug/l	98
15) Acetone	4.443	58	17864m	15.725	ug/l	
16) Carbon Disulfide	4.713	76	52945	3.262	ug/l	100
17) Allyl chloride	5.031	41	22311	2.819	ug/l	87
18) Methylene Chloride	5.290	84	25356	3.551	ug/l #	88
19) trans-1,2-Dichloroethene	5.795	96	21637	3.236	ug/l	96
20) Diisopropyl ether	6.672	45	57330	3.039	ug/l #	97
21) 1,1-Dichloroethane	6.578	63	39305m	3.287	ug/l	
22) cis-1,2-Dichloroethene	7.489	96	28161	3.455	ug/l #	87
23) tert-Butyl Alcohol	5.525	59	19075m	13.699	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	70942	3.205	ug/l #	84
25) Chloroform	7.960	83	41808m	3.226	ug/l	
26) Cyclohexane	8.260	56	31767	3.057	ug/l #	93
29) 1,1-Dichloropropene	8.372	75	30241	3.103	ug/l	96
30) 2-Butanone	7.489	43	63453	13.770	ug/l	96
31) 2,2-Dichloropropane	7.495	77	38603	3.227	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	37909	3.161	ug/l	98
33) Carbon Tetrachloride	8.360	117	33108	3.235	ug/l	94
34) Benzene	8.613	78	93004	3.085	ug/l #	87
35) Methacrylonitrile	7.778	41	7947m	1.831	ug/l	
36) 1,2-Dichloroethane	8.678	62	30125	3.187	ug/l	98
37) Trichloroethene	9.354	130	22488	3.049	ug/l	91
38) Methylcyclohexane	9.601	83	39977	3.025	ug/l	100
39) 1,2-Dichloropropane	9.625	63	22698	3.033	ug/l	92
40) Dibromomethane	9.707	93	16802	3.116	ug/l	98
41) Bromodichloromethane	9.895	83	32706	3.041	ug/l #	94
42) Vinyl Acetate	6.607	43	196046	14.700	ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	27631m	3.241	ug/l	
44) Isopropyl Acetate	8.695	43	45194	2.961	ug/l #	100
45) 1,4-Dioxane	9.707	88	9360	58.143	ug/l	92
46) Methyl methacrylate	9.678	41	19360	2.946	ug/l	87
47) n-amyl Acetate	12.495	43	36362	2.726	ug/l	99
48) t-1,3-Dichloropropene	10.842	75	34729	2.886	ug/l	92
49) cis-1,3-Dichloropropene	10.319	75	38329	2.994	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	24052	3.071	ug/l	98
51) Ethyl methacrylate	10.877	69	34174	2.841	ug/l	82
52) 1,3-Dichloropropane	11.166	76	38148	2.918	ug/l	91
53) Dibromochloromethane	11.360	129	22808	2.763	ug/l	92
54) 1,2-Dibromoethane	11.472	107	24715	3.143	ug/l	93
55) 2-Chloroethyl vinyl ether	10.160	63	38236	10.295	ug/l	93
56) Bromoform	12.583	173	16030	2.890	ug/l	99
58) 4-Methyl-2-Pentanone	10.442	43	128925	14.458	ug/l	100
59) 2-Hexanone	11.195	43	99269	14.402	ug/l	100
61) Tetrachloroethene	11.101	164	18899	3.336	ug/l	94
62) Toluene	10.630	91	103552	3.116	ug/l	98
64) Chlorobenzene	11.895	112	61885	3.065	ug/l #	88
65) 1,1,1,2-Tetrachloroethane	11.960	131	22549	3.037	ug/l	93
66) Ethyl Benzene	11.966	91	107386	2.917	ug/l	97
67) m/p-Xylenes	12.077	106	81998	5.682	ug/l	99
68) o-Xylene	12.401	106	41699	2.888	ug/l	97
69) Styrene	12.413	104	63953	2.765	ug/l	97
70) Isopropylbenzene	12.701	105	107441	2.933	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.936	83	33484	2.984	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	22988m	3.014	ug/l	
73) Bromobenzene	12.989	156	22925	3.080	ug/l	86
74) n-propylbenzene	13.042	91	112493	2.775	ug/l	98
75) 2-Chlorotoluene	13.124	91	67342	2.773	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	75467	2.531	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	10234	2.634	ug/l	91
78) 4-Chlorotoluene	13.224	91	59867	2.609	ug/l	96
79) tert-butylbenzene	13.442	119	76205	2.936	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	72263	2.486	ug/l	98
81) sec-Butylbenzene	13.618	105	100740	2.718	ug/l	99
82) p-Isopropyltoluene	13.736	119	76515	2.577	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	36805	2.608	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	35849	2.618	ug/l	99
85) n-Butylbenzene	14.060	91	60333	2.459	ug/l	97
86) Hexachloroethane	14.336	117	17244	2.730	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	37733	2.729	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	5483	2.550	ug/l	96
89) 1,2,4-Trichlorobenzene	15.371	180	9110	1.675	ug/l	95
90) Hexachlorobutadiene	15.465	225	8349	2.993	ug/l	89
91) Naphthalene	15.589	128	28963	1.394	ug/l	97
92) 1,2,3-Trichlorobenzene	15.754	180	8963	1.689	ug/l	94

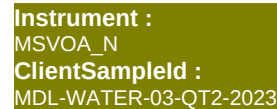
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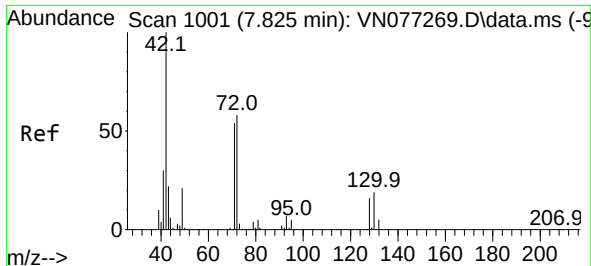
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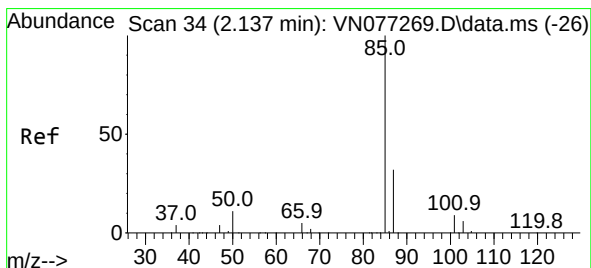
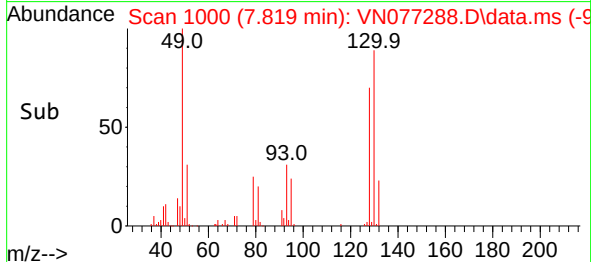
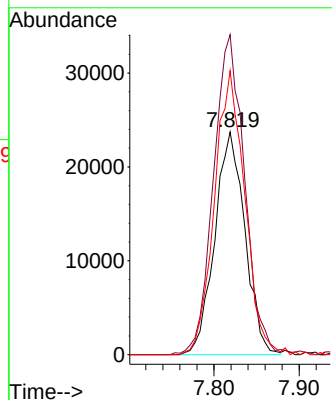
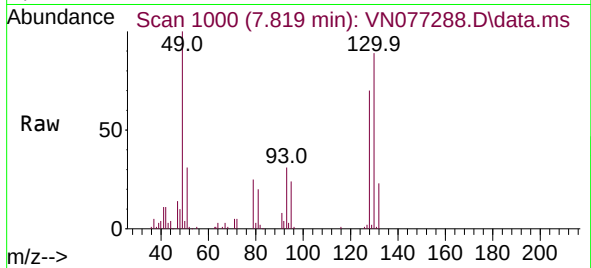




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

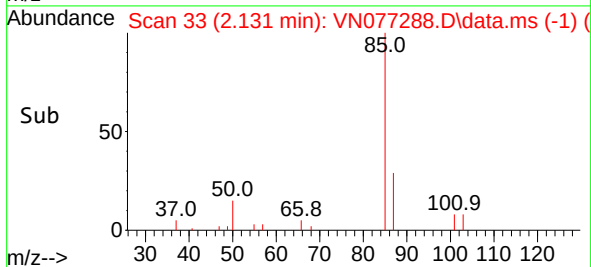
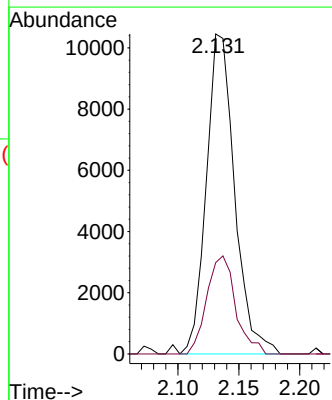
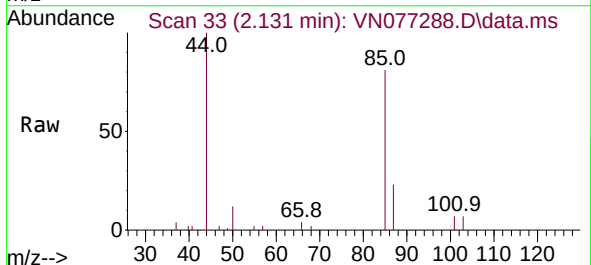
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MSVOA_N
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MDL-WATER-03-QT2-2023

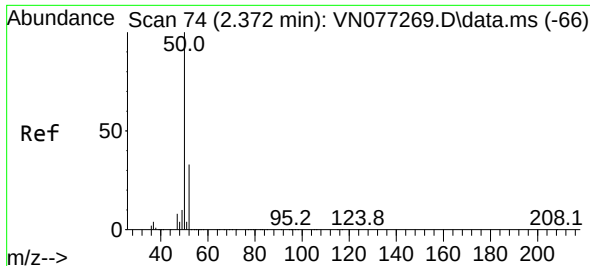
Tgt Ion:128 Resp: 58355
Ion Ratio Lower Upper
128 100
49 146.8 0.0 379.5
130 127.7 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 3.044 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 85 Resp: 16885
Ion Ratio Lower Upper
85 100
87 28.6 16.2 48.6

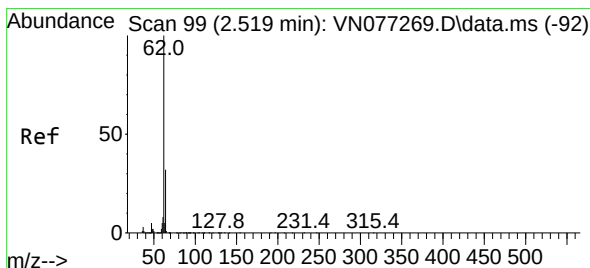
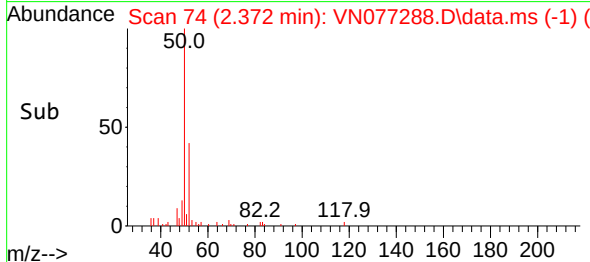
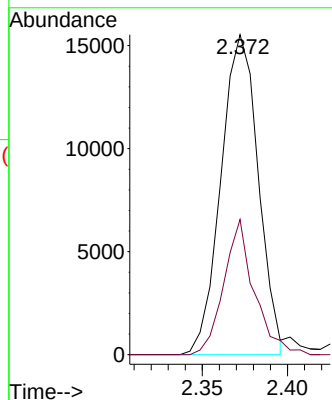
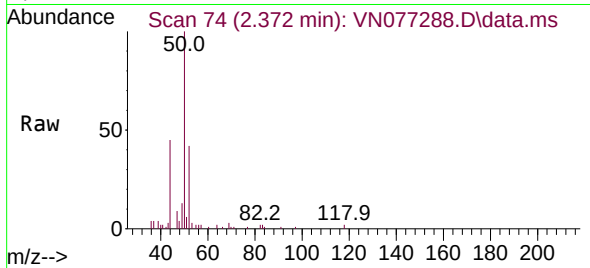




#3
Chloromethane
Concen: 3.202 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

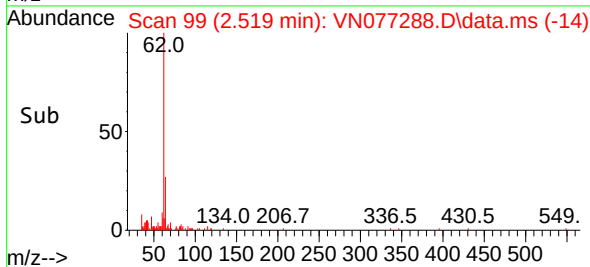
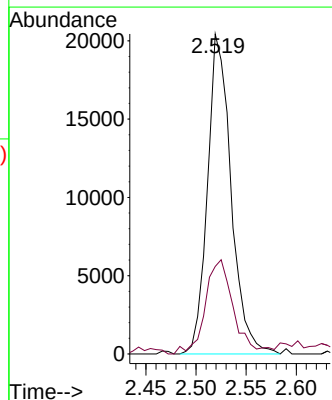
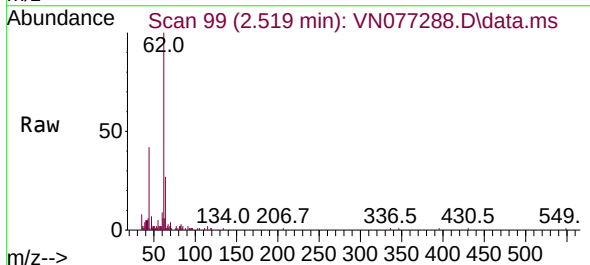
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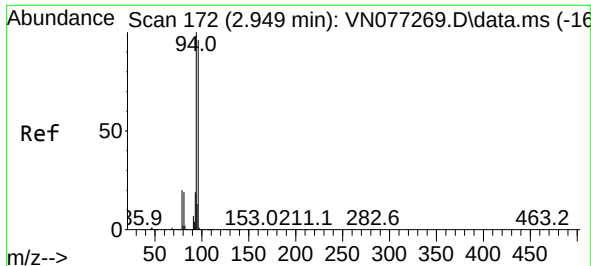
Tgt Ion: 50 Resp: 23603
Ion Ratio Lower Upper
50 100
52 42.2 26.4 39.6#



#4
Vinyl Chloride
Concen: 3.171 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 62 Resp: 33477
Ion Ratio Lower Upper
62 100
64 25.0 25.4 38.0#

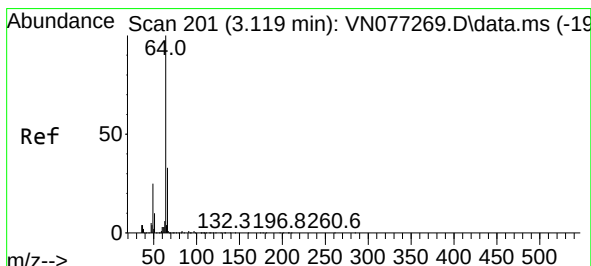
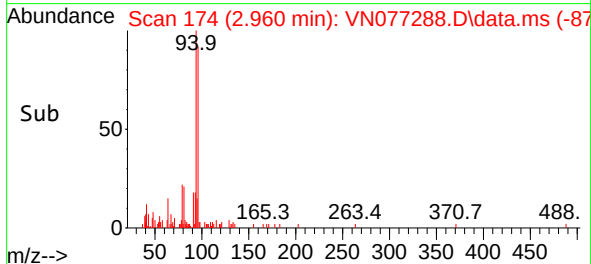
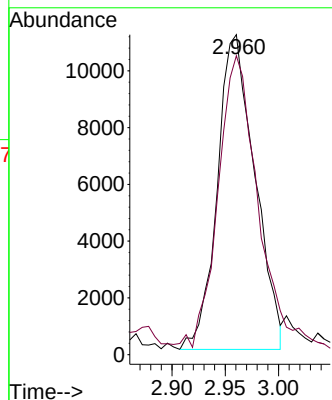
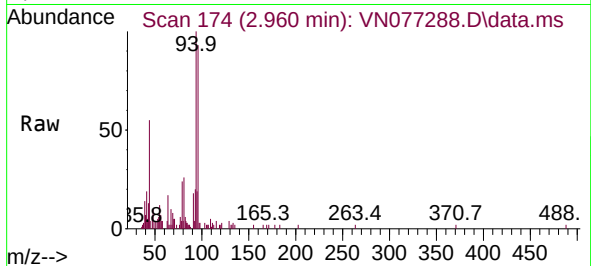




#5
Bromomethane
Concen: 3.413 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

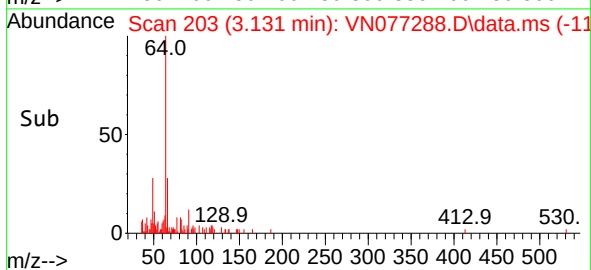
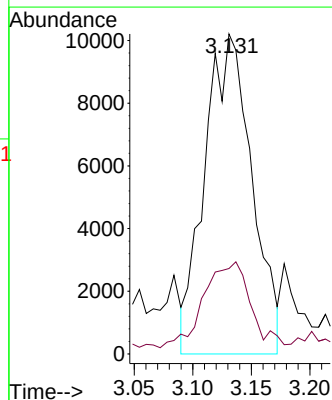
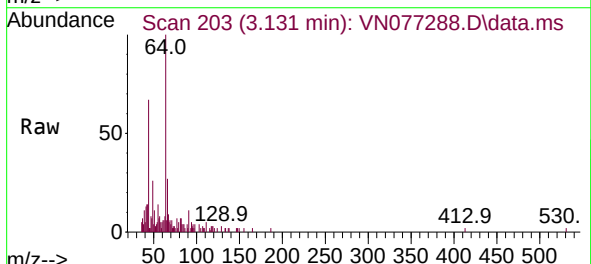
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ClientSampleId :
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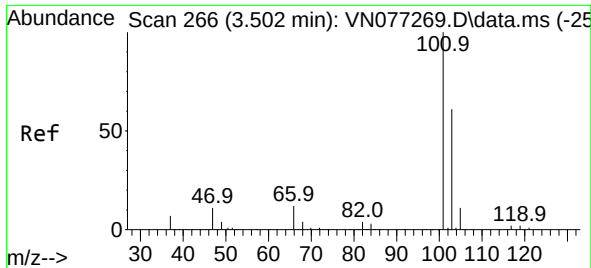
Tgt Ion: 94 Resp: 27153
Ion Ratio Lower Upper
94 100
96 91.5 77.0 115.6



#6
Chloroethane
Concen: 4.047 ug/l m
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 64 Resp: 28635
Ion Ratio Lower Upper
64 100
66 26.7 25.7 38.5

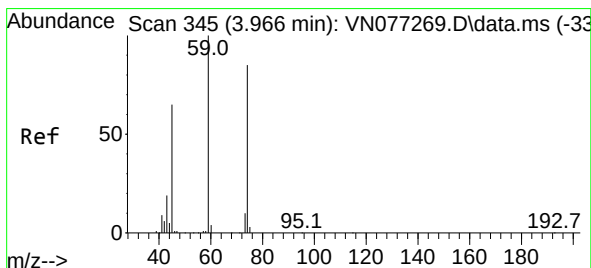
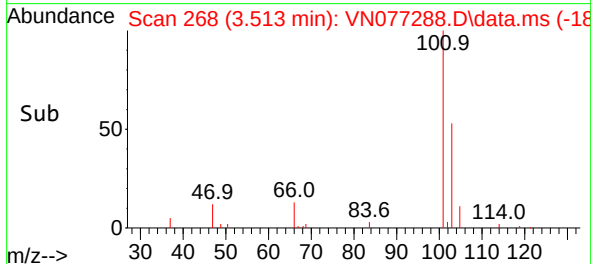
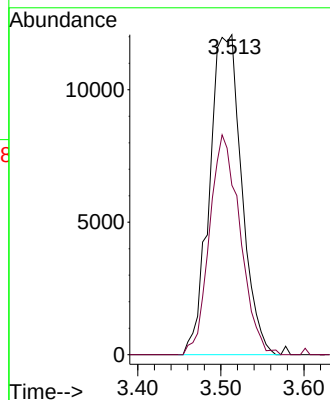
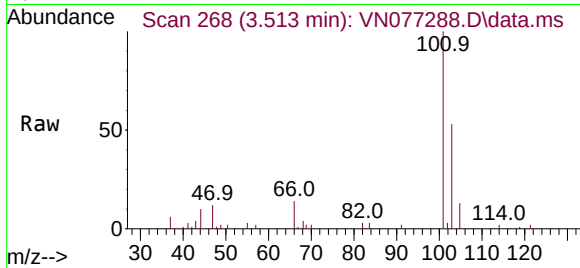




#7
 Trichlorofluoromethane
 Concen: 3.310 ug/l m
 RT: 3.513 min Scan# 2
 Delta R.T. 0.011 min
 Lab File: VN077288.D
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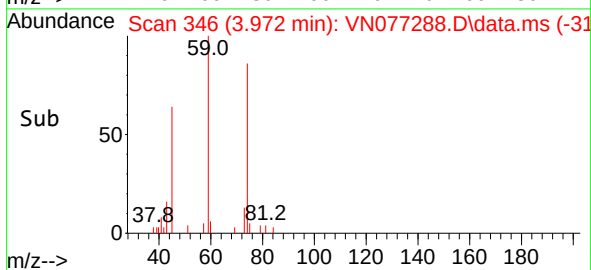
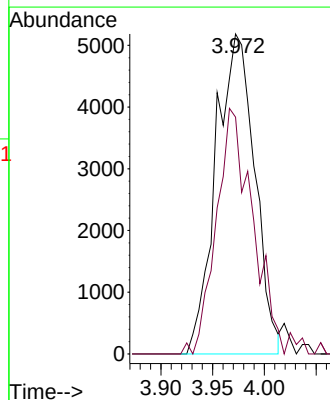
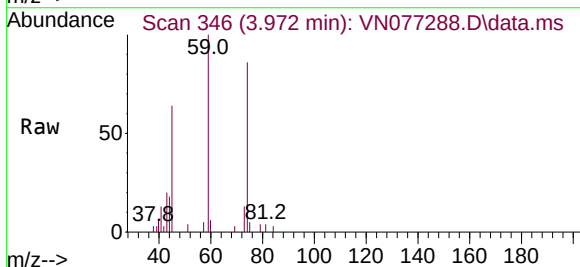
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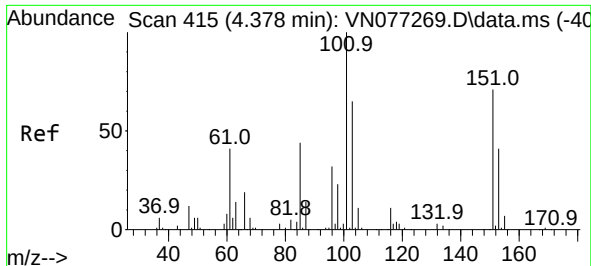
Tgt Ion:101 Resp: 32540
 Ion Ratio Lower Upper
 101 100
 103 53.0 48.9 73.3



#8
 Diethyl Ether
 Concen: 3.219 ug/l m
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077288.D
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Tgt Ion: 74 Resp: 13485
 Ion Ratio Lower Upper
 74 100
 45 71.2 14.8 133.6

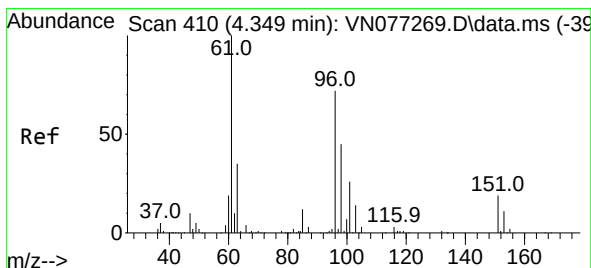
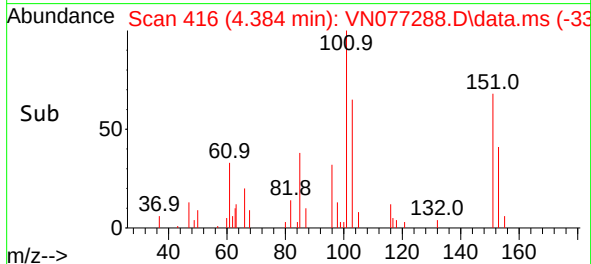
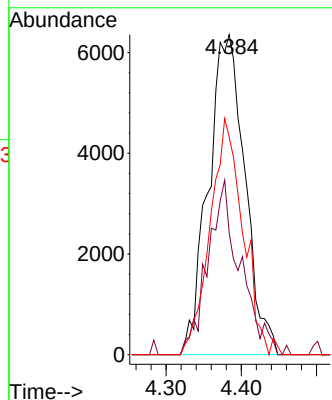
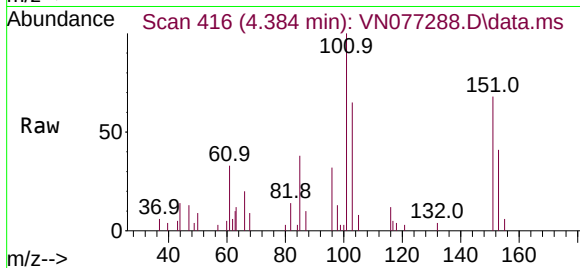




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.489 ug/l m
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
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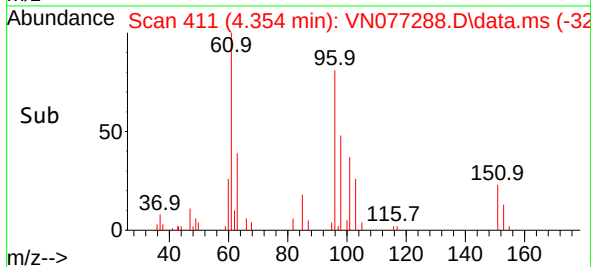
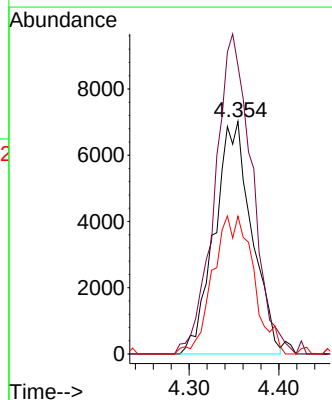
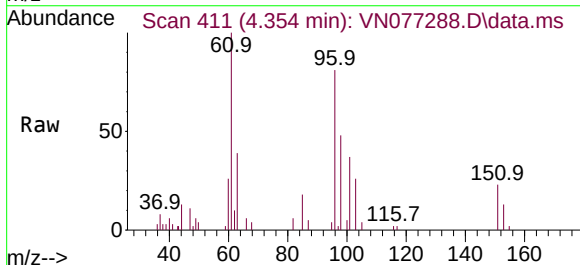
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MDL-WATER-03-QT2-2023

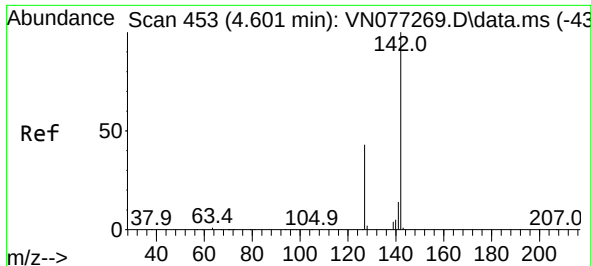
Tgt Ion:101 Resp: 21447
Ion Ratio Lower Upper
101 100
85 27.4 0.0 89.6
151 59.4 0.0 141.6



#10
1,1-Dichloroethene
Concen: 3.289 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 96 Resp: 20224
Ion Ratio Lower Upper
96 100
61 119.8 110.7 166.1
98 56.8 49.6 74.4

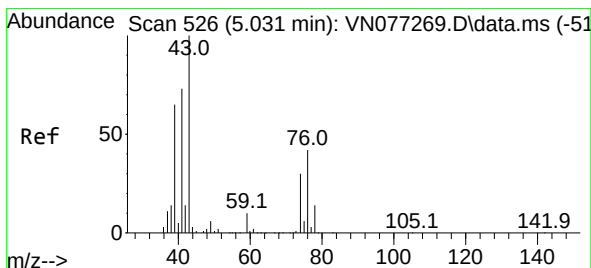
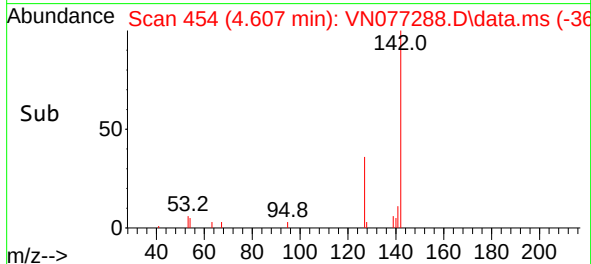
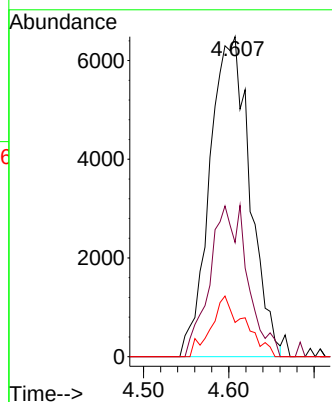
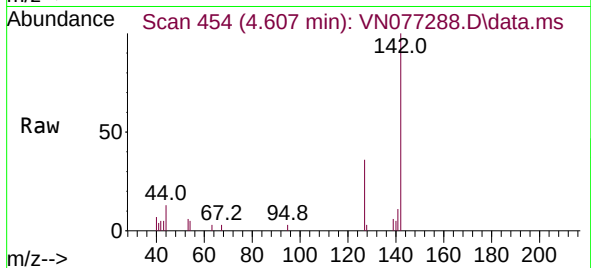




#11
Methyl Iodide
Concen: 3.053 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

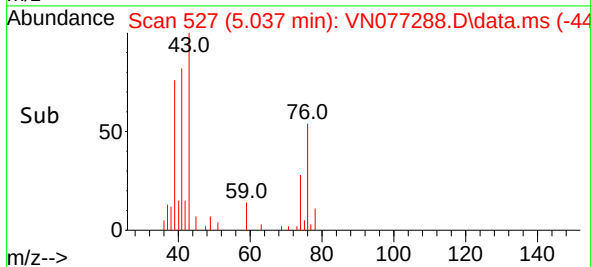
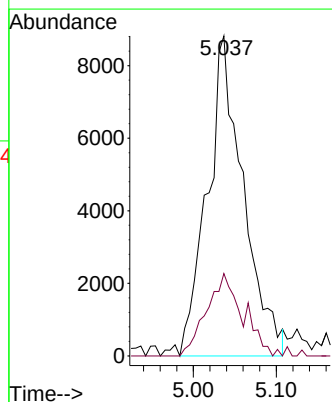
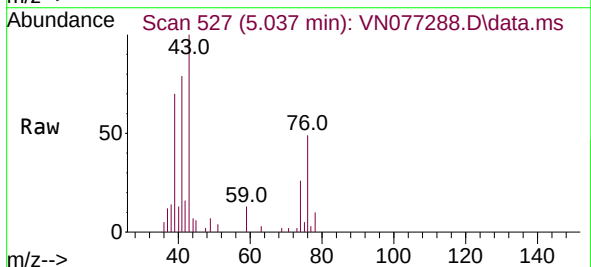
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

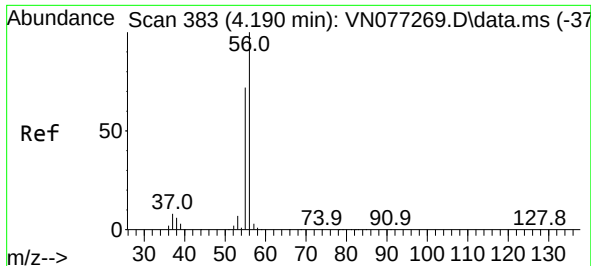
Tgt Ion:142 Resp: 21206
Ion Ratio Lower Upper
142 100
127 36.3 21.3 63.7
141 9.2 7.0 20.9



#12
Methyl Acetate
Concen: 2.889 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 43 Resp: 26467
Ion Ratio Lower Upper
43 100
74 25.8 24.2 36.2





#13

Acrolein

Concen: 16.595 ug/l

RT: 4.190 min Scan# 383

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

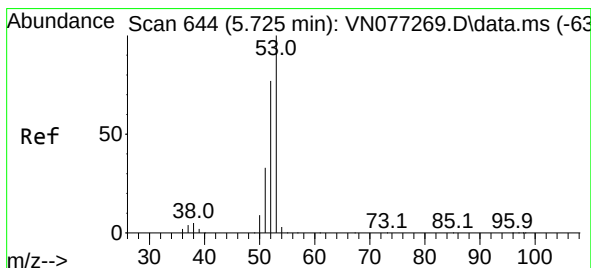
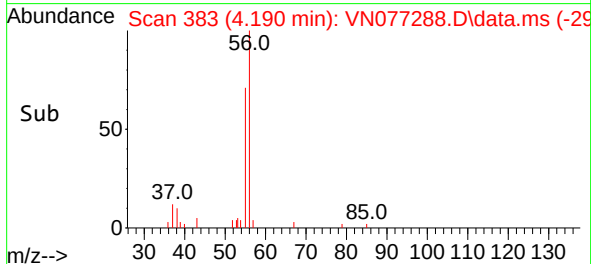
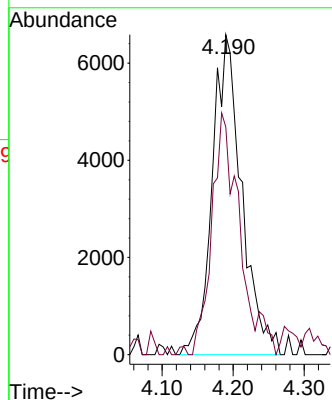
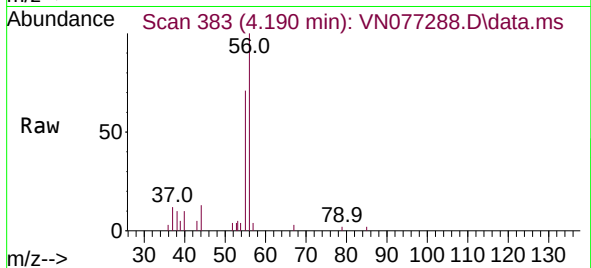
MDL-WATER-03-QT2-2023

Tgt Ion: 56 Resp: 18871

Ion Ratio Lower Upper

56 100

55 45.3 55.2 82.8#



#14

Acrylonitrile

Concen: 14.131 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

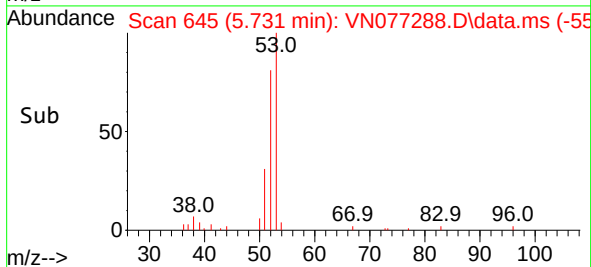
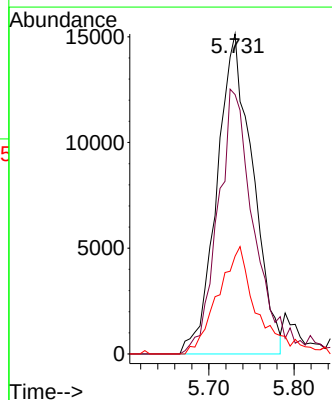
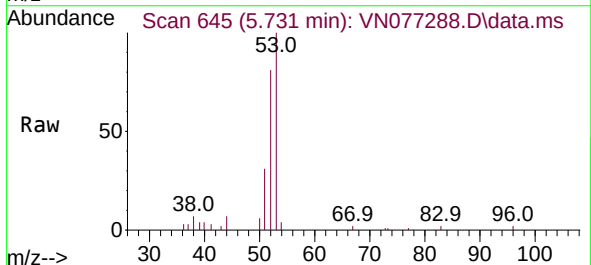
Tgt Ion: 53 Resp: 44252

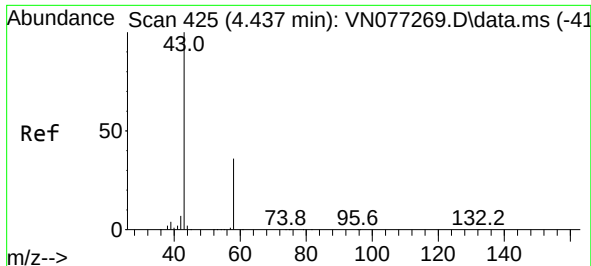
Ion Ratio Lower Upper

53 100

52 79.3 41.0 123.0

51 34.9 17.7 53.1





#15

Acetone

Concen: 15.725 ug/l m

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

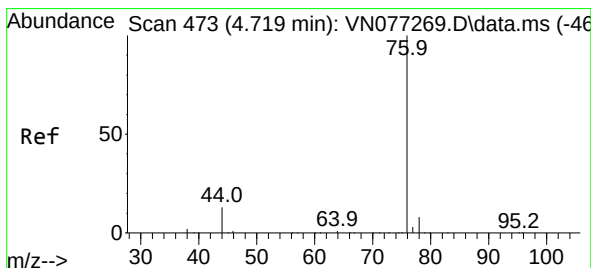
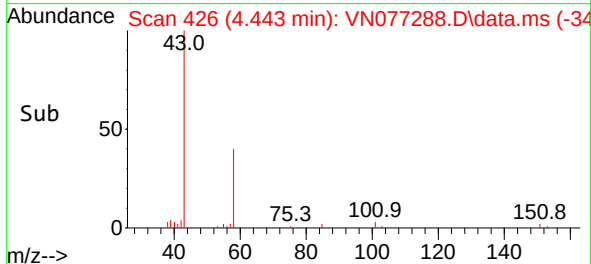
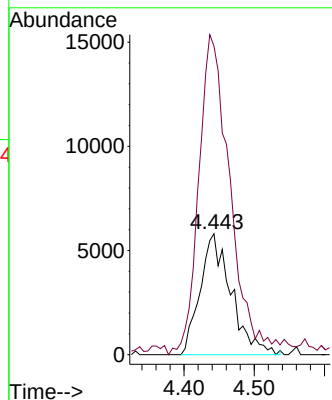
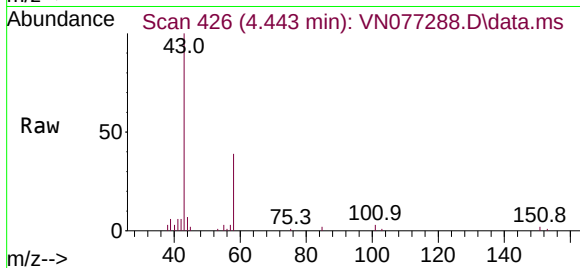
MDL-WATER-03-QT2-2023

Tgt Ion: 58 Resp: 17864

Ion Ratio Lower Upper

58 100

43 255.2 220.9 331.3



#16

Carbon Disulfide

Concen: 3.262 ug/l

RT: 4.713 min Scan# 472

Delta R.T. -0.006 min

Lab File: VN077288.D

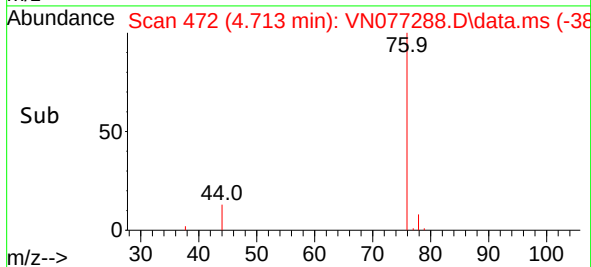
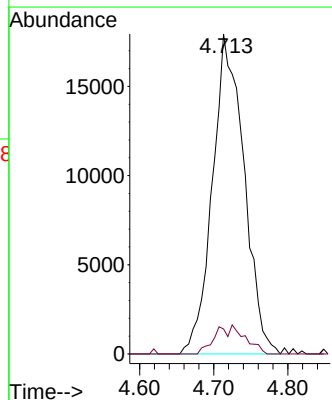
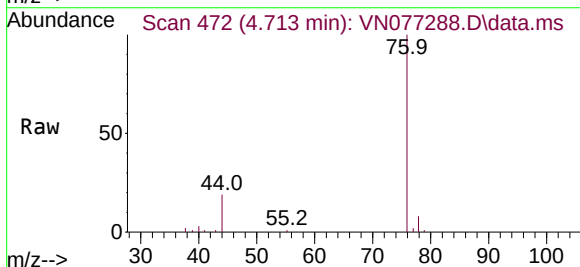
Acq: 10 Apr 2023 12:46

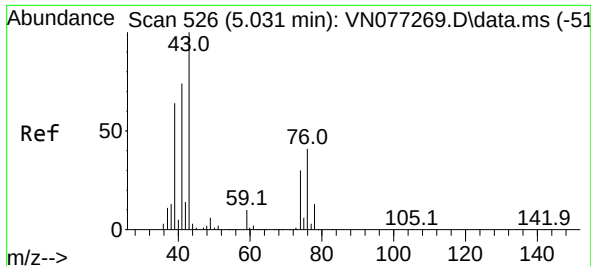
Tgt Ion: 76 Resp: 52945

Ion Ratio Lower Upper

76 100

78 7.8 6.3 9.5





#17

Allyl chloride

Concen: 2.819 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

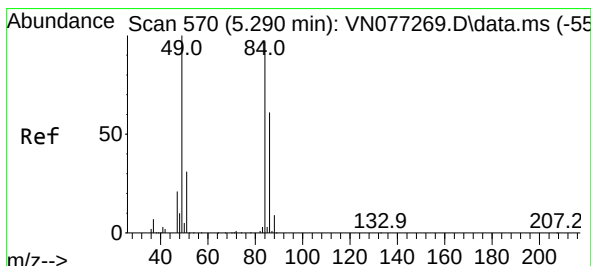
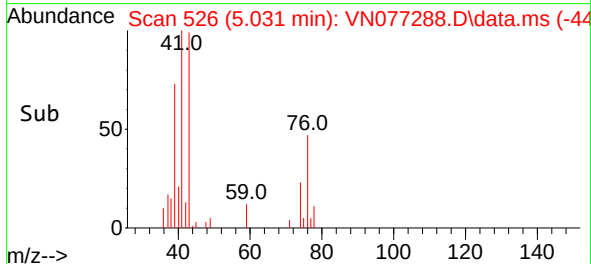
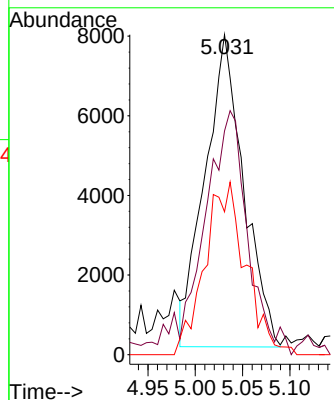
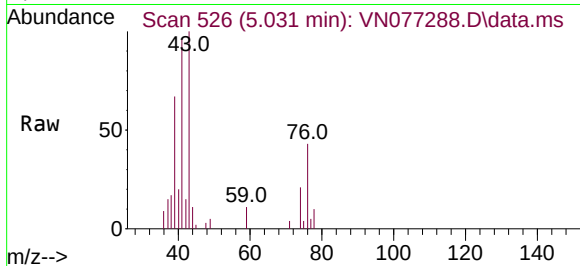
Tgt Ion: 41 Resp: 22311

Ion Ratio Lower Upper

41 100

39 67.1 40.3 120.9

76 43.5 25.3 75.8



#18

Methylene Chloride

Concen: 3.551 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Tgt Ion: 84 Resp: 25356

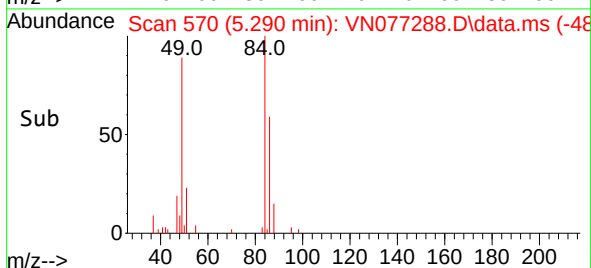
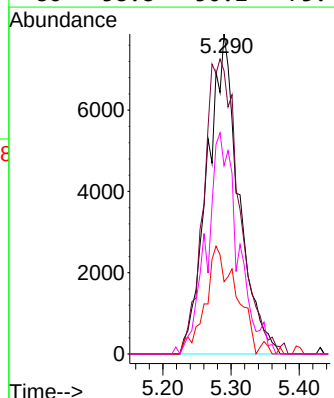
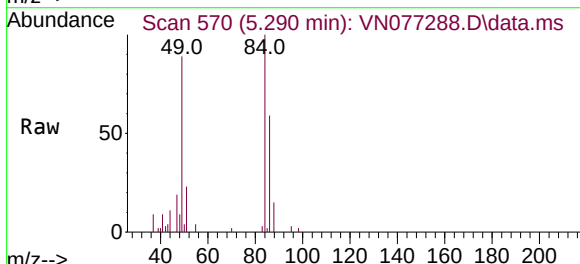
Ion Ratio Lower Upper

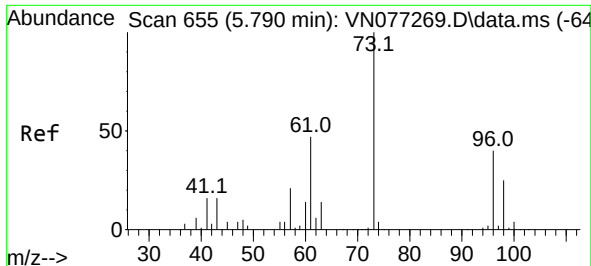
84 100

49 88.5 82.7 124.1

51 22.6 25.6 38.4#

86 58.8 50.2 75.4

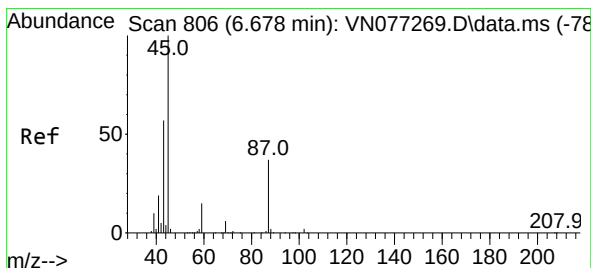
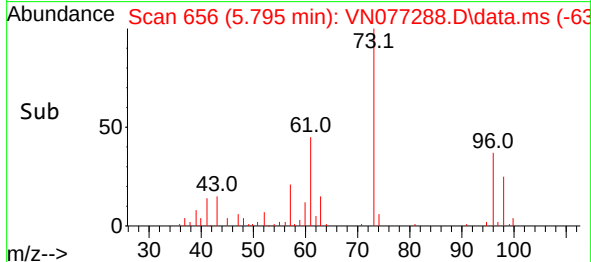
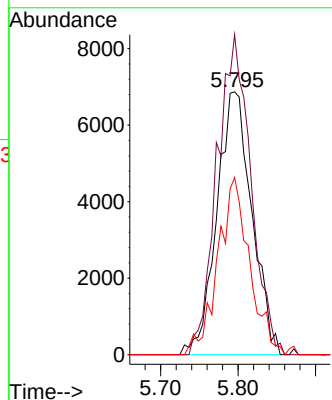
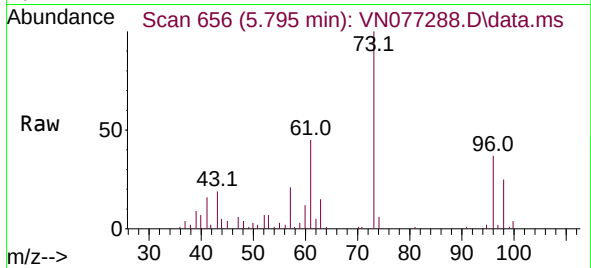




#19
trans-1,2-Dichloroethene
Concen: 3.236 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

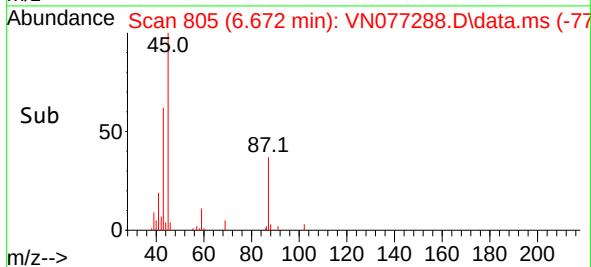
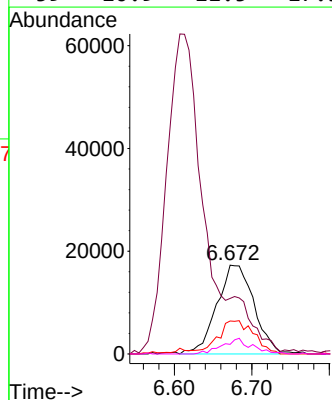
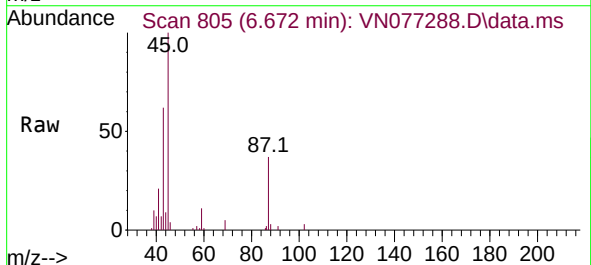
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

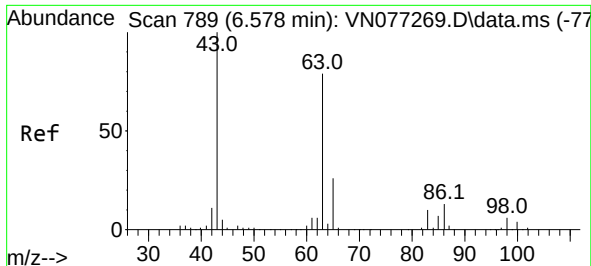
Tgt Ion: 96 Resp: 21637
Ion Ratio Lower Upper
96 100
61 121.7 94.5 141.7
98 67.4 49.8 74.8



#20
Diisopropyl ether
Concen: 3.039 ug/l
RT: 6.672 min Scan# 805
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 45 Resp: 57330
Ion Ratio Lower Upper
45 100
43 59.6 45.9 68.9
87 37.2 30.1 45.1
59 10.9 11.5 17.3





#21

1,1-Dichloroethane

Concen: 3.287 ug/l m

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

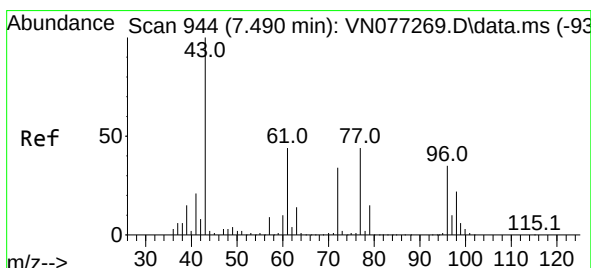
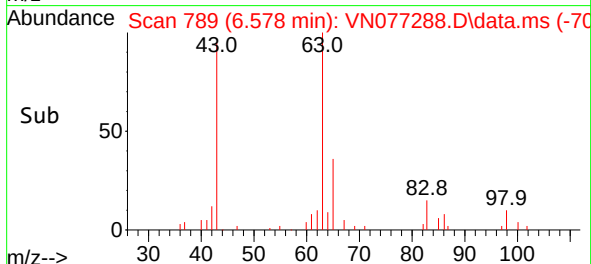
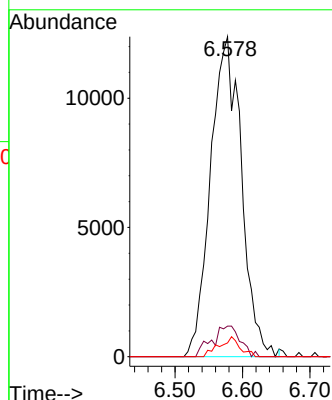
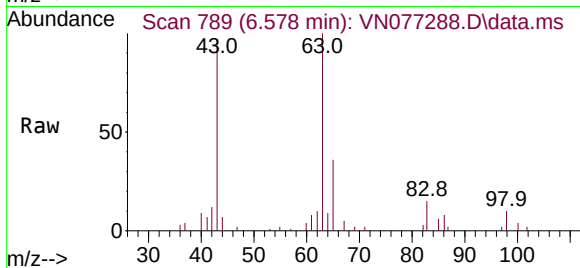
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	63	Resp:	39305
Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.9	11.7
100	4.3	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 3.455 ug/l

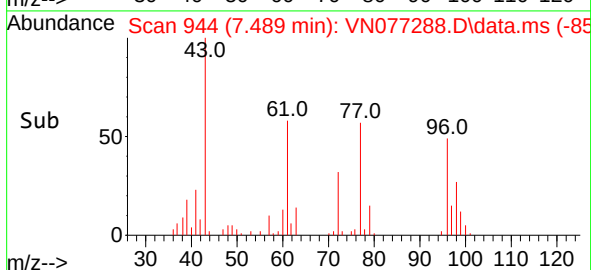
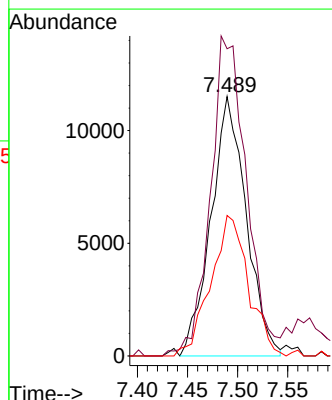
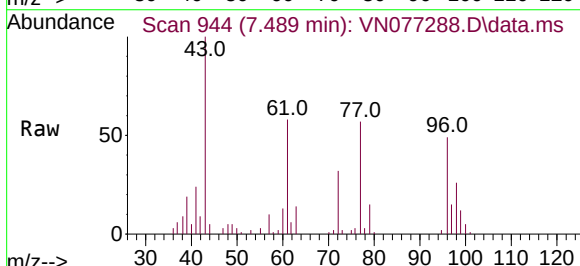
RT: 7.489 min Scan# 944

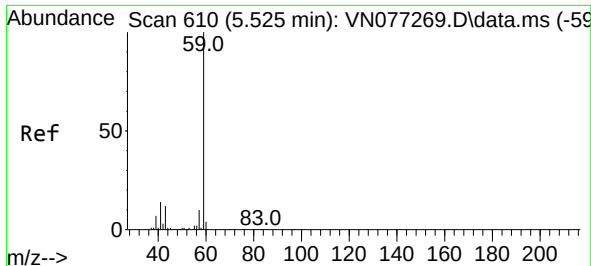
Delta R.T. -0.001 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Tgt Ion:	96	Resp:	28161
Ion	Ratio	Lower	Upper
96	100		
61	122.5	105.5	158.3
98	46.9	51.8	77.6#

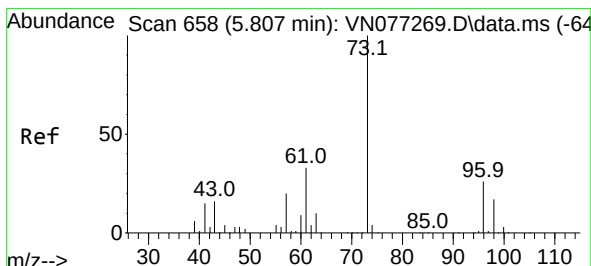
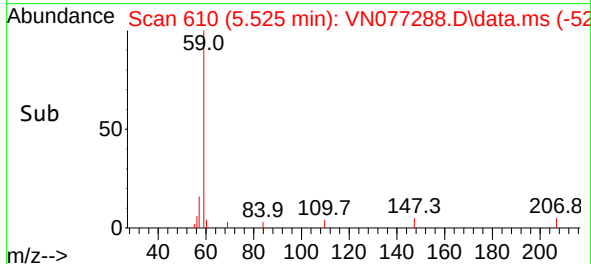
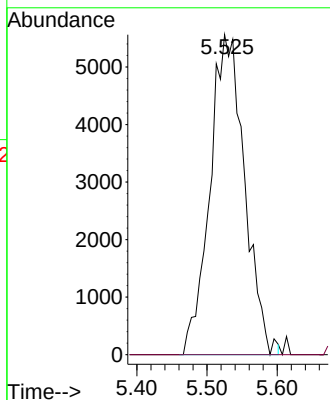
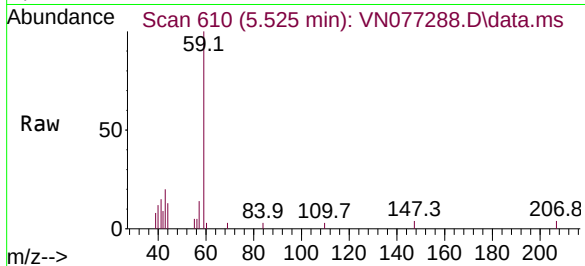




#23
tert-Butyl Alcohol
Concen: 13.699 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

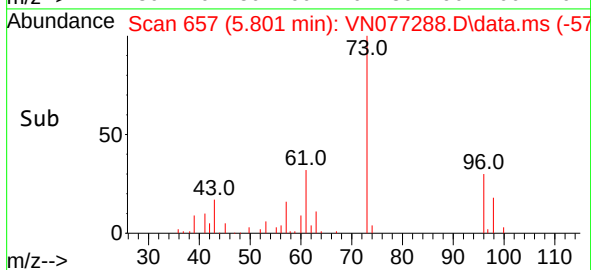
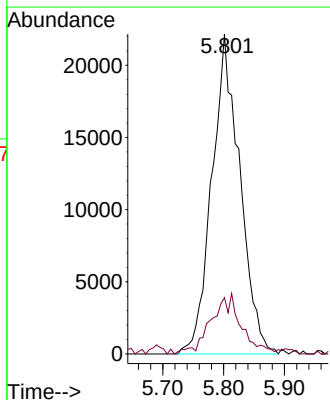
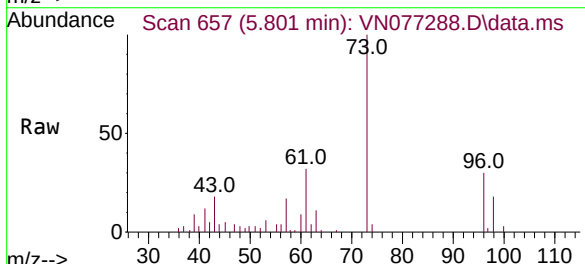
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

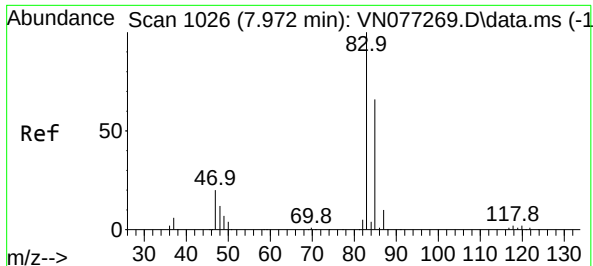
Tgt Ion: 59 Resp: 19075
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 3.205 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 73 Resp: 70942
Ion Ratio Lower Upper
73 100
43 10.0 13.5 20.3#





#25

Chloroform

Concen: 3.226 ug/l m

RT: 7.960 min Scan# 1026

Delta R.T. -0.012 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

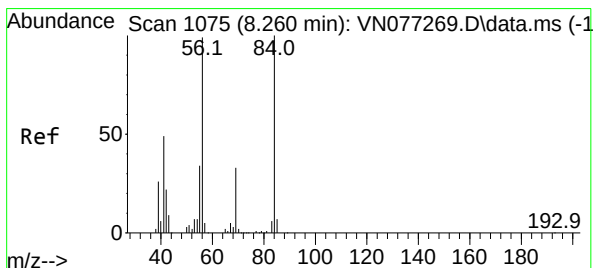
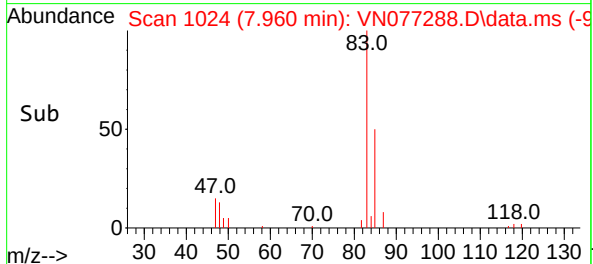
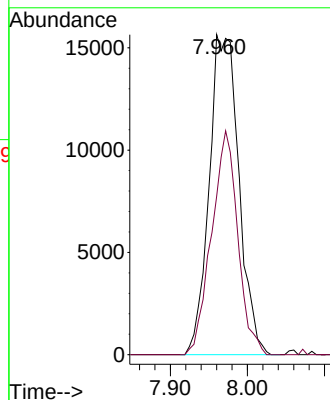
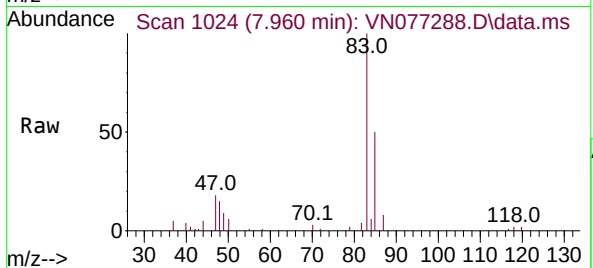
MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 41808

Ion Ratio Lower Upper

83 100

85 49.6 52.9 79.3#



#26

Cyclohexane

Concen: 3.057 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

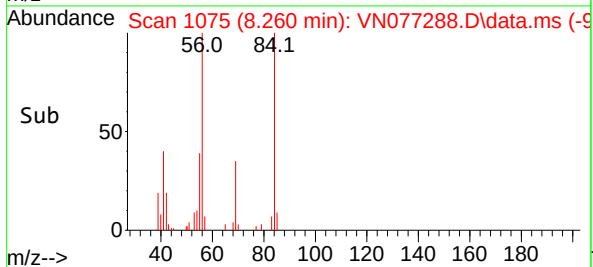
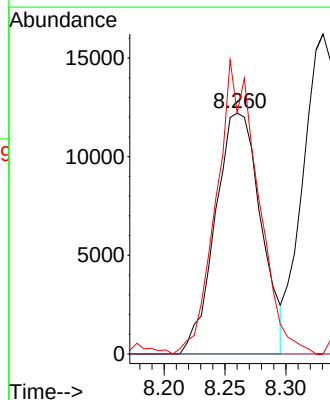
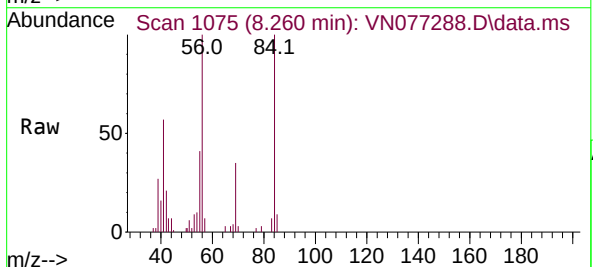
Tgt Ion: 56 Resp: 31767

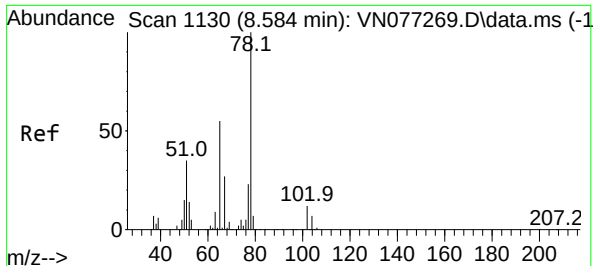
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 110.8 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.232 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

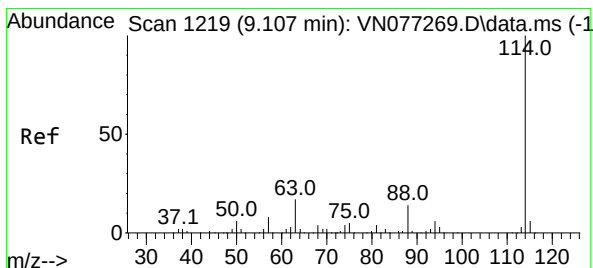
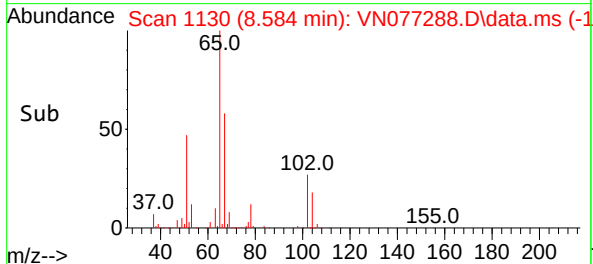
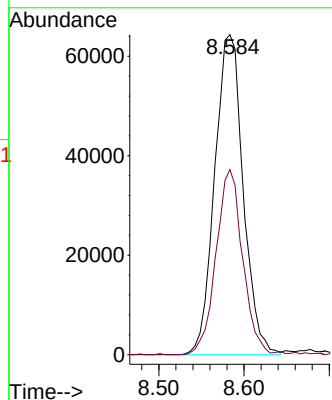
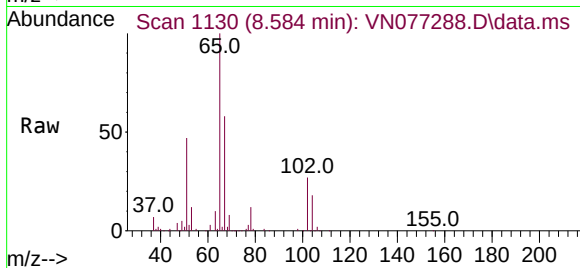
MDL-WATER-03-QT2-2023

Tgt Ion: 65 Resp: 149624

Ion Ratio Lower Upper

65 100

67 53.8 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

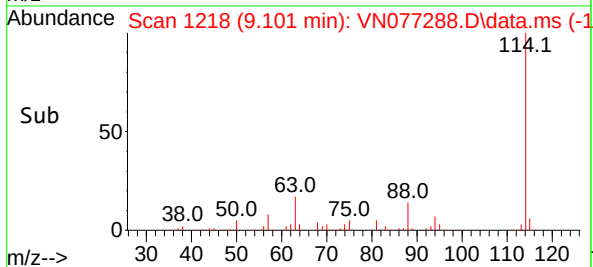
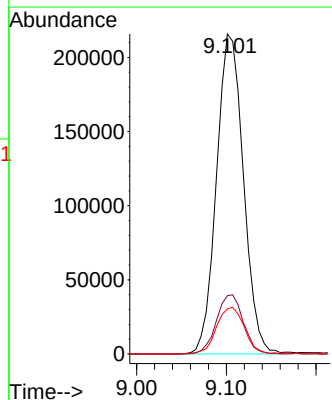
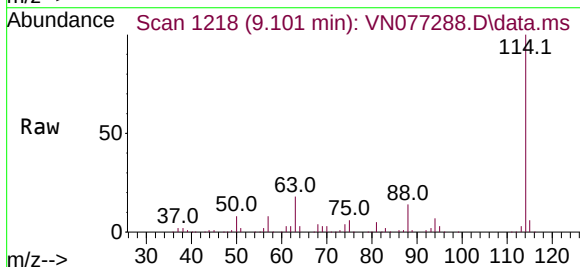
Tgt Ion: 114 Resp: 449819

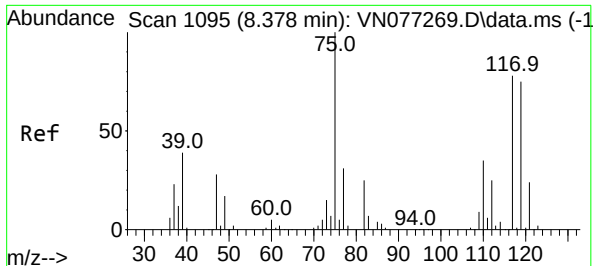
Ion Ratio Lower Upper

114 100

63 18.5 15.0 22.4

88 14.9 11.9 17.9





#29

1,1-Dichloropropene

Concen: 3.103 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

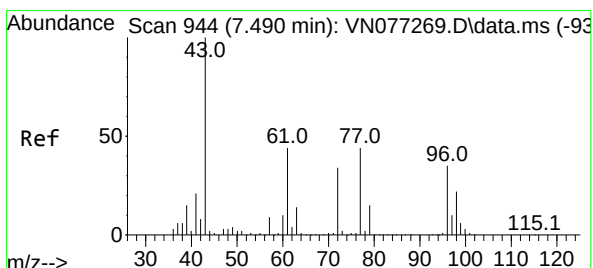
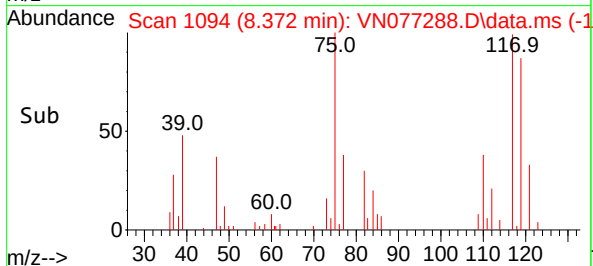
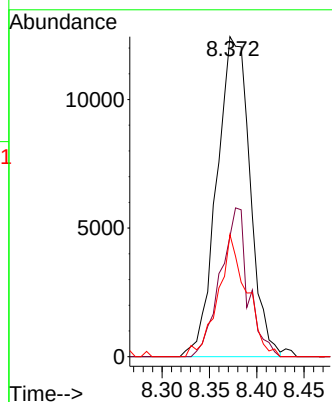
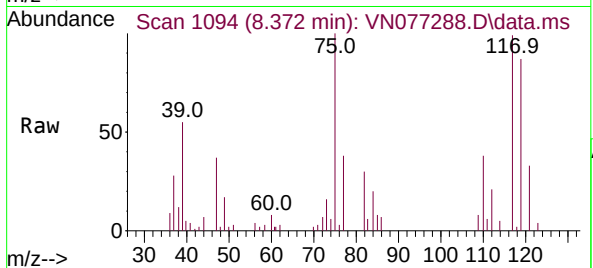
Tgt Ion: 75 Resp: 30241

Ion Ratio Lower Upper

75 100

110 39.1 0.0 72.4

77 32.2 0.0 61.4



#30

2-Butanone

Concen: 13.770 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.001 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

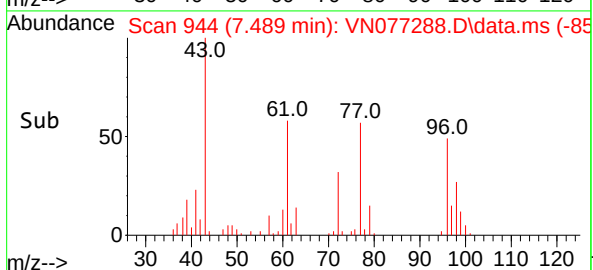
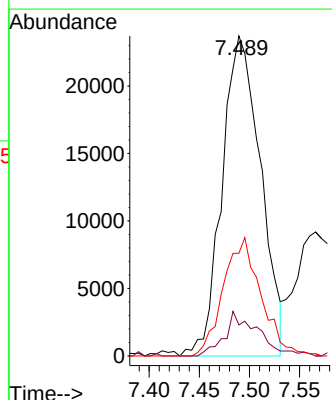
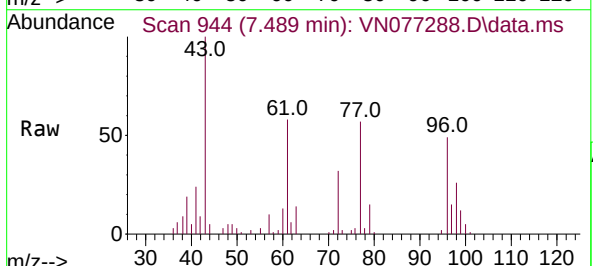
Tgt Ion: 43 Resp: 63453

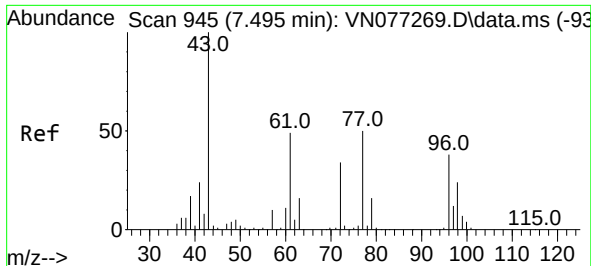
Ion Ratio Lower Upper

43 100

57 8.0 7.5 11.3

72 36.2 26.9 40.3





#31

2,2-Dichloropropane

Concen: 3.227 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

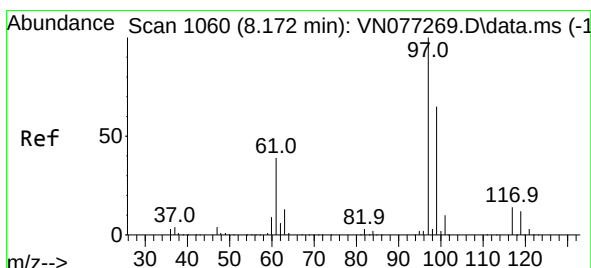
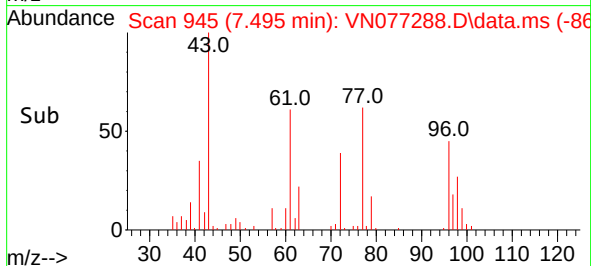
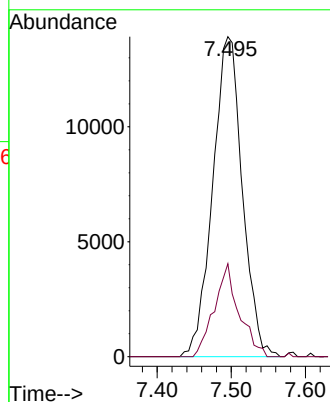
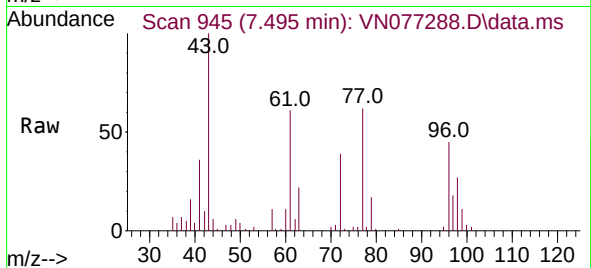
MDL-WATER-03-QT2-2023

Tgt Ion: 77 Resp: 38603

Ion Ratio Lower Upper

77 100

97 23.9 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 3.161 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

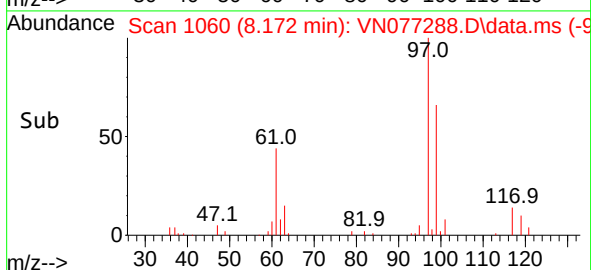
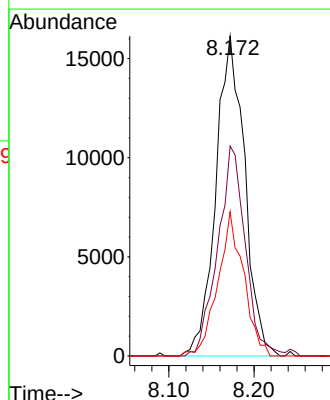
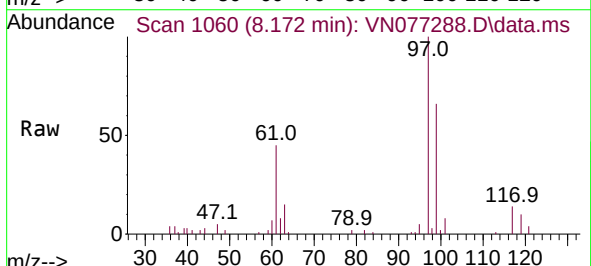
Tgt Ion: 97 Resp: 37909

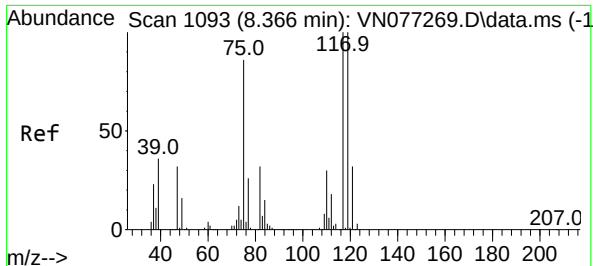
Ion Ratio Lower Upper

97 100

99 62.8 51.6 77.4

61 39.8 32.4 48.6

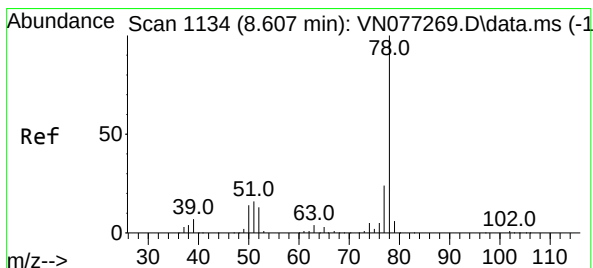
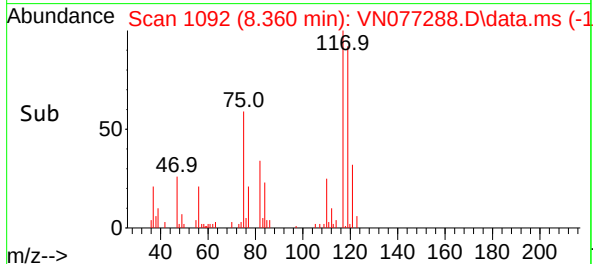
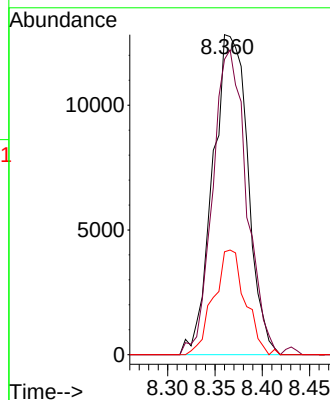
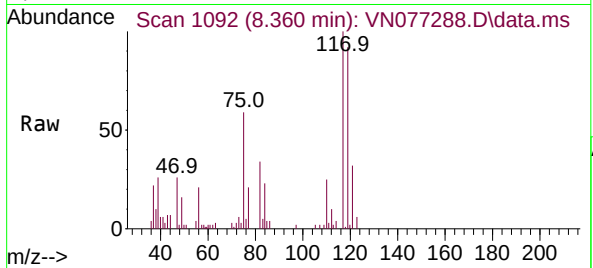




#33
Carbon Tetrachloride
Concen: 3.235 ug/l
RT: 8.360 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

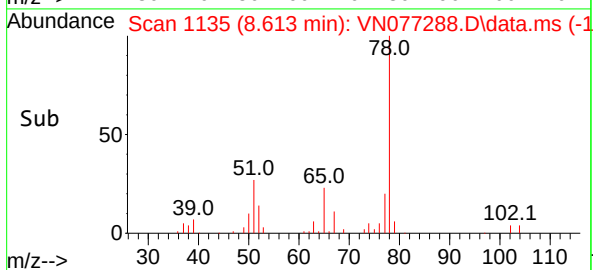
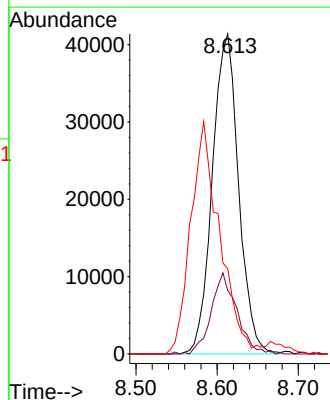
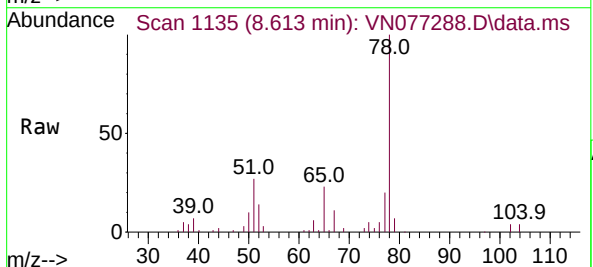
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

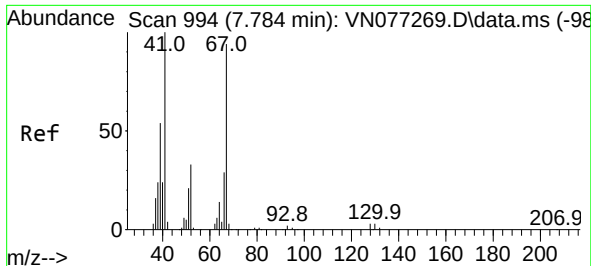
Tgt Ion:117 Resp: 33108
Ion Ratio Lower Upper
117 100
119 92.3 80.2 120.4
121 32.1 26.0 39.0



#34
Benzene
Concen: 3.085 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 78 Resp: 93004
Ion Ratio Lower Upper
78 100
77 19.9 19.4 29.0
51 23.6 12.6 19.0#

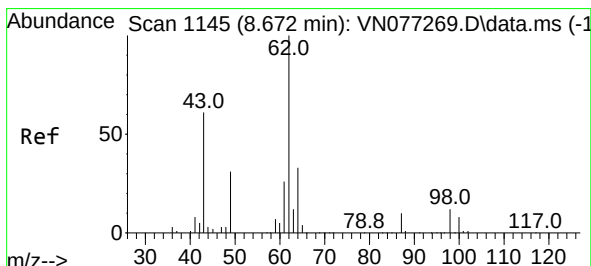
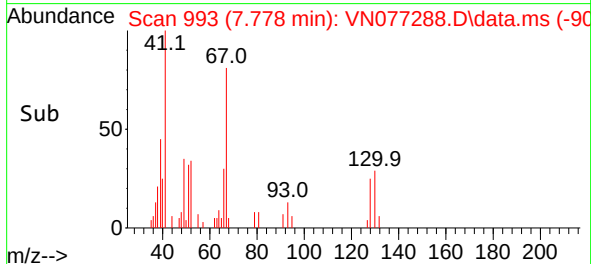
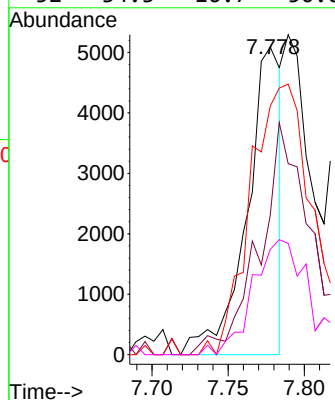
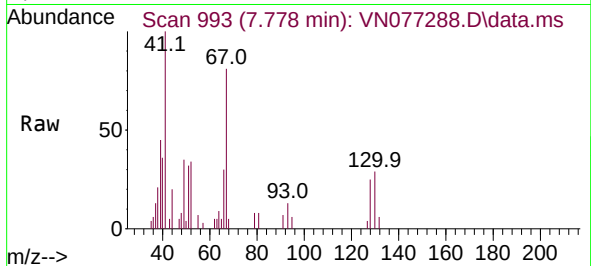




#35
Methacrylonitrile
Concen: 1.831 ug/l m
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

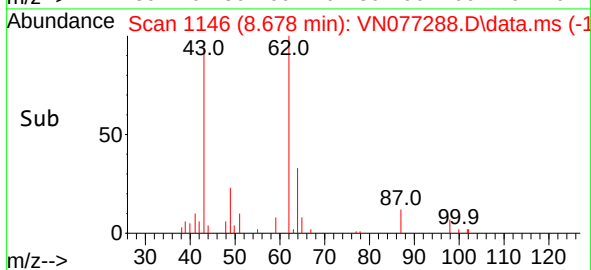
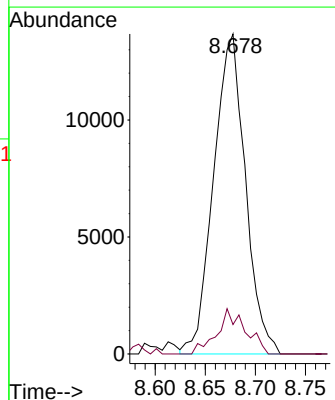
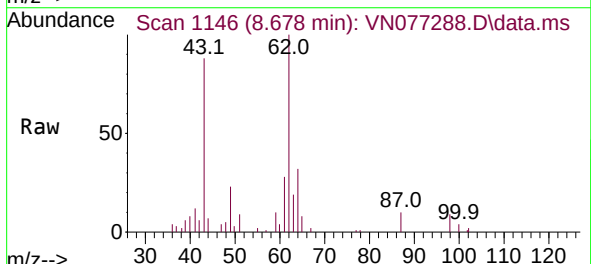
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

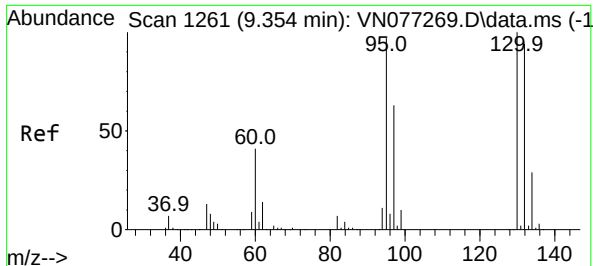
Tgt Ion: 41	Resp: 7947
Ion Ratio	Lower Upper
41 100	
39 45.4	27.1 81.2
67 80.9	46.8 140.4
52 34.3	16.7 50.0



#36
1,2-Dichloroethane
Concen: 3.187 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 62	Resp: 30125
Ion Ratio	Lower Upper
62 100	
98 11.2	8.3 12.5





#37

Trichloroethene

Concen: 3.049 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

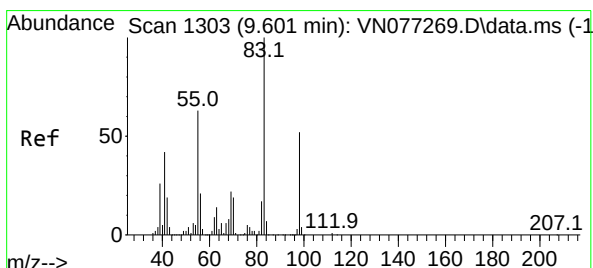
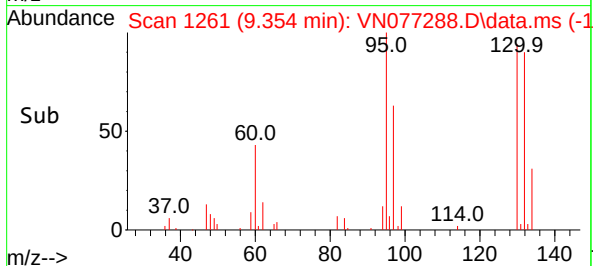
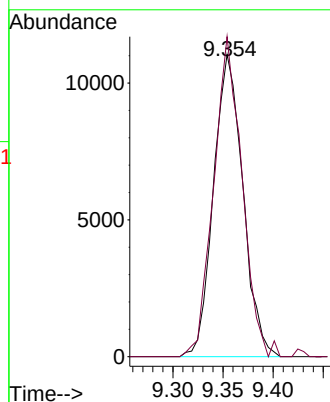
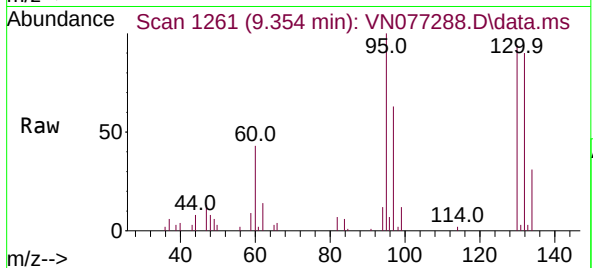
MDL-WATER-03-QT2-2023

Tgt Ion:130 Resp: 22488

Ion Ratio Lower Upper

130 100

95 105.9 77.5 116.3



#38

Methylcyclohexane

Concen: 3.025 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

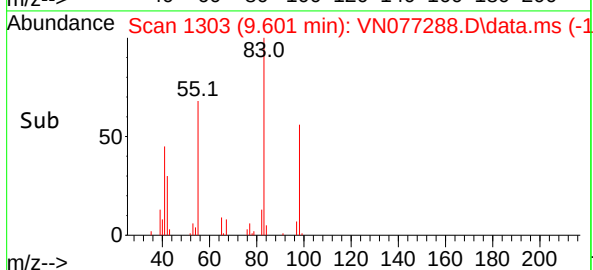
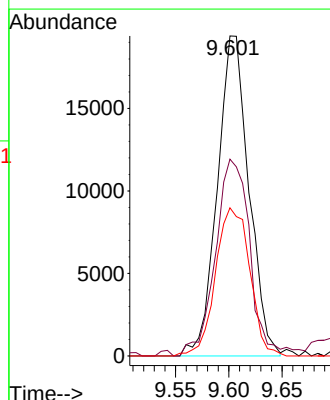
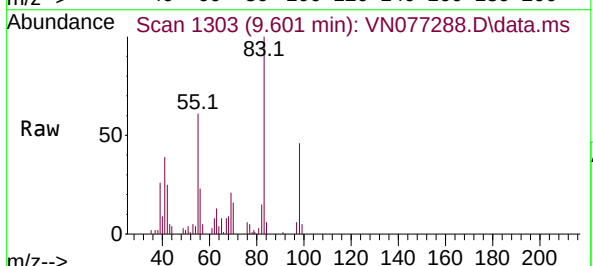
Tgt Ion: 83 Resp: 39977

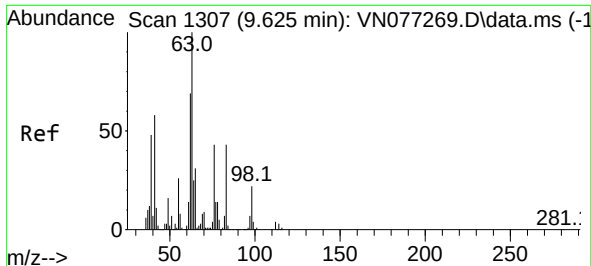
Ion Ratio Lower Upper

83 100

55 64.0 32.0 96.2

98 50.2 25.3 75.9





#39

1,2-Dichloropropane

Concen: 3.033 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

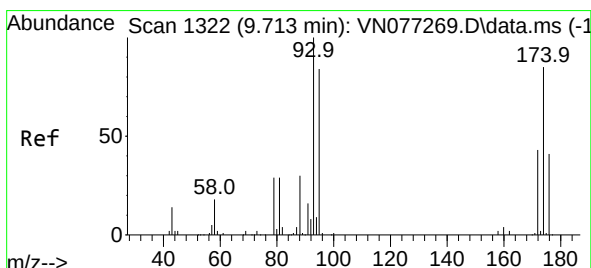
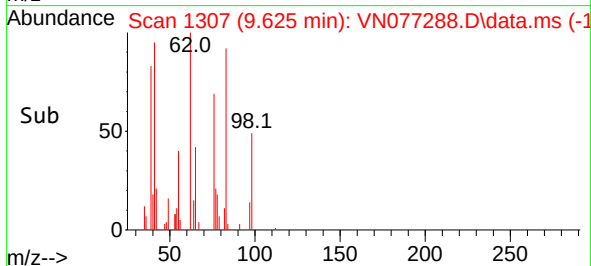
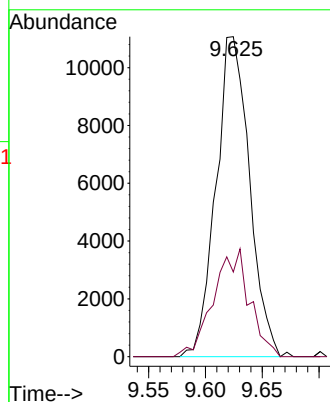
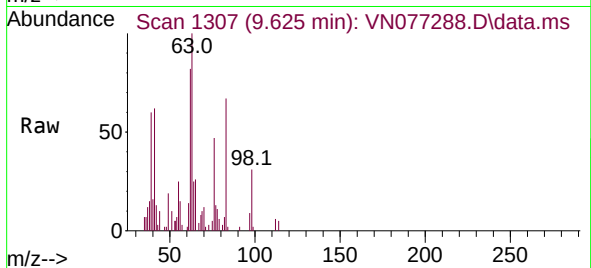
MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 22698

Ion Ratio Lower Upper

63 100

65 26.4 24.8 37.2



#40

Dibromomethane

Concen: 3.116 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

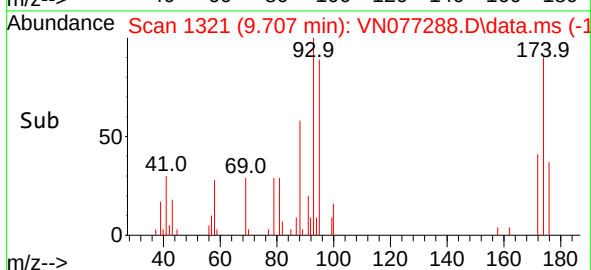
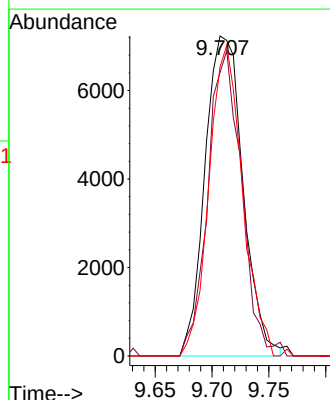
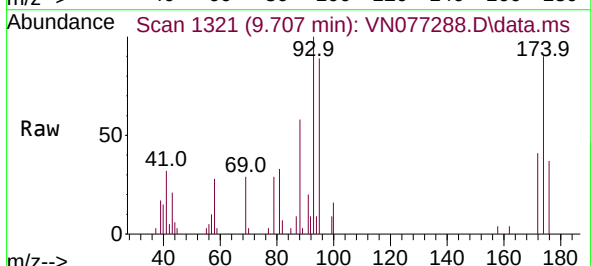
Tgt Ion: 93 Resp: 16802

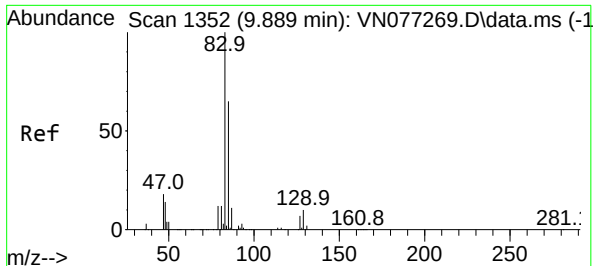
Ion Ratio Lower Upper

93 100

95 83.8 0.0 166.4

174 85.5 0.0 164.8

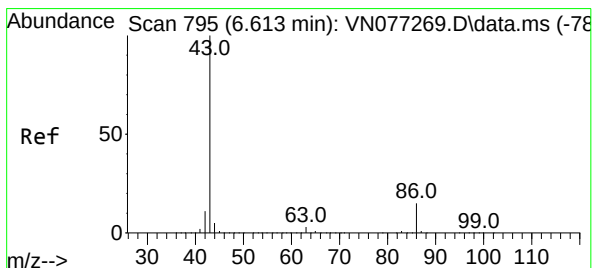
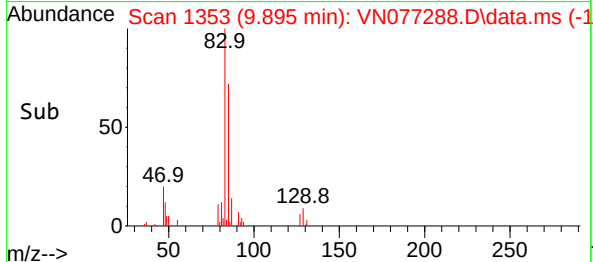
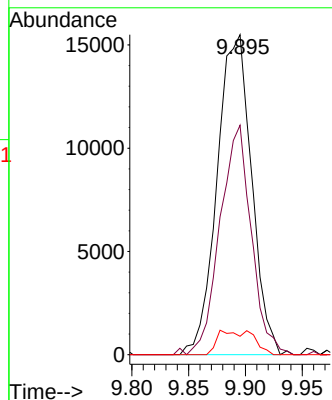
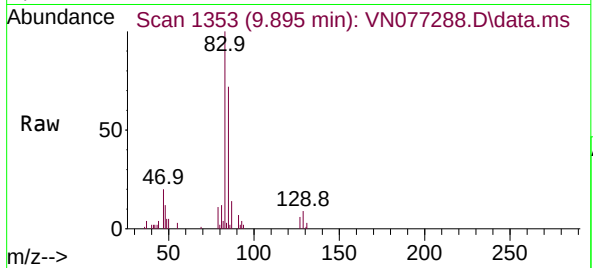




#41
Bromodichloromethane
Concen: 3.041 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

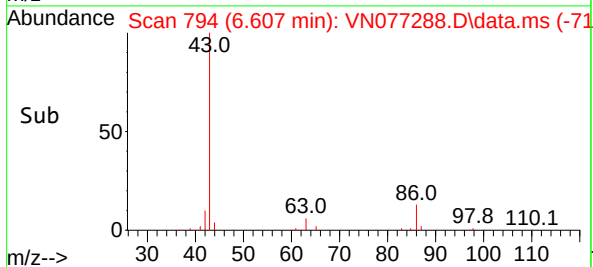
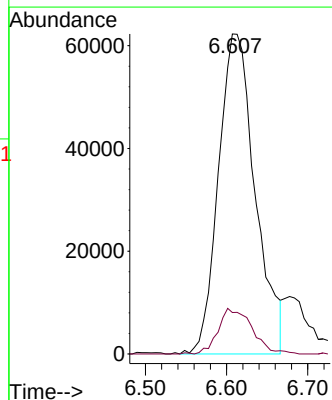
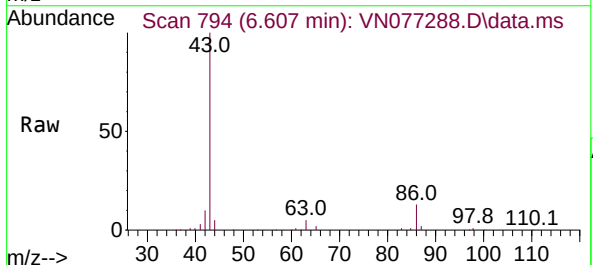
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

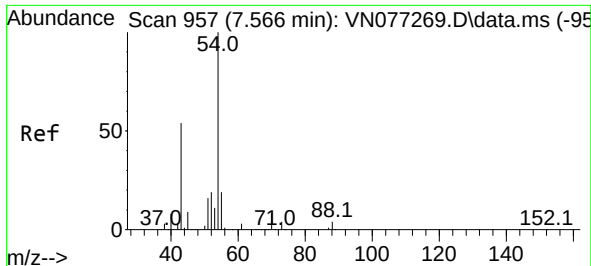
Tgt Ion: 83 Resp: 32706
Ion Ratio Lower Upper
83 100
85 70.0 52.3 78.5
127 5.8 5.9 8.9#



#42
Vinyl Acetate
Concen: 14.700 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 43 Resp: 196046
Ion Ratio Lower Upper
43 100
86 12.8 0.0 0.0#

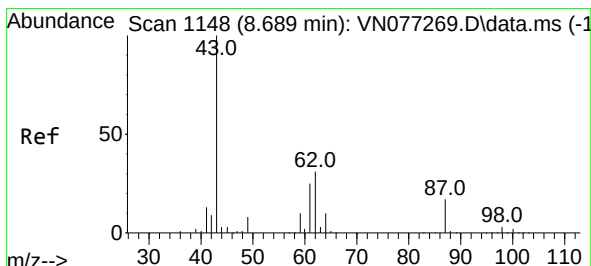
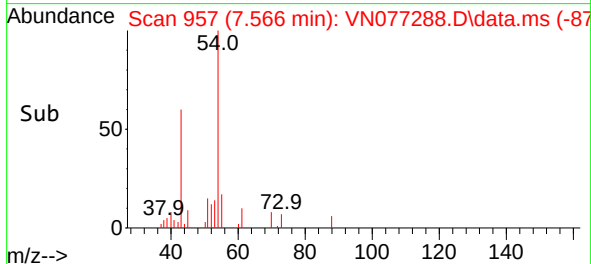
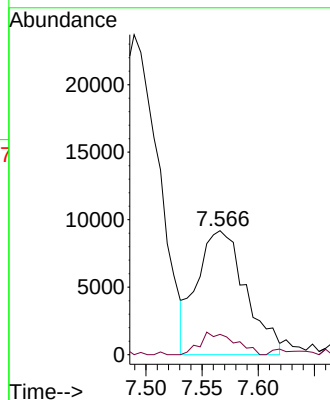
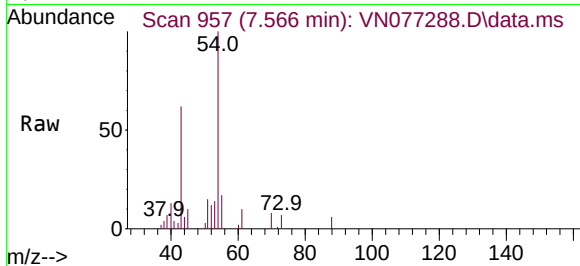




#43
Ethyl Acetate
Concen: 3.241 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

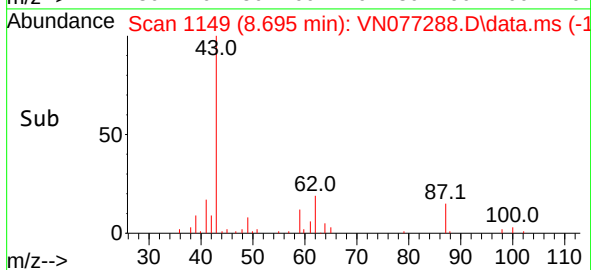
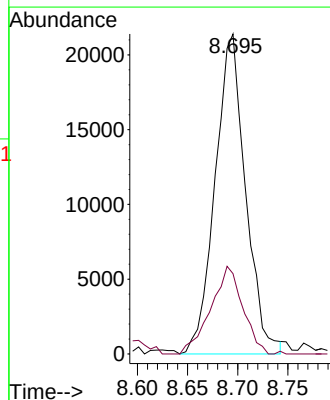
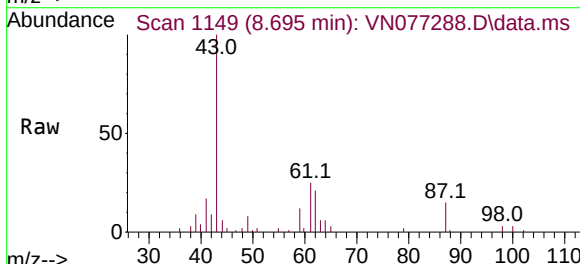
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

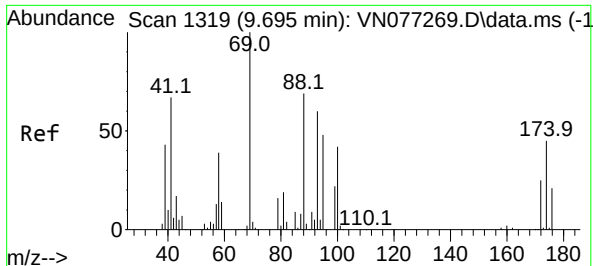
Tgt Ion: 43 Resp: 27631
Ion Ratio Lower Upper
43 100
45 0.5 12.3 18.5#



#44
Isopropyl Acetate
Concen: 2.961 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 43 Resp: 45194
Ion Ratio Lower Upper
43 100
61 28.7 0.0 0.0#

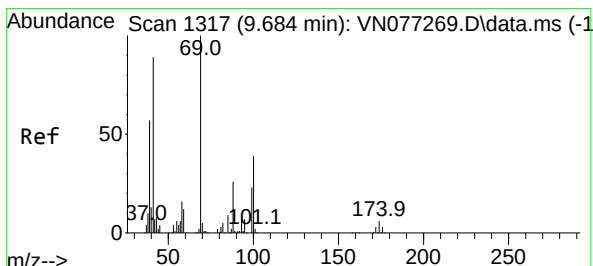
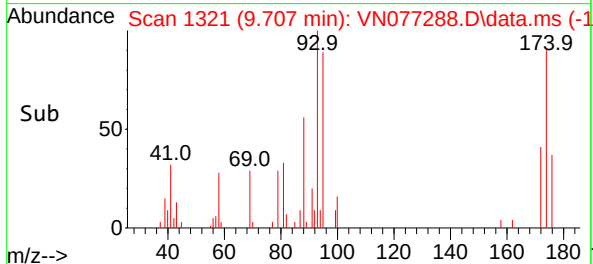
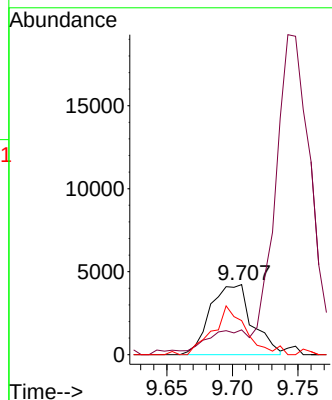
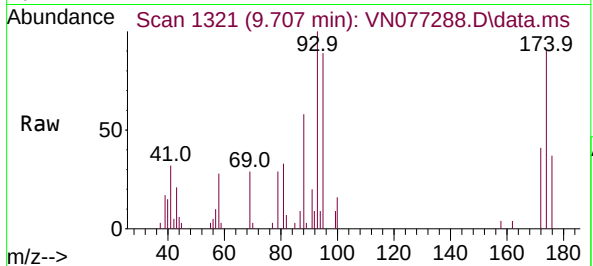




#45
1,4-Dioxane
Concen: 58.143 ug/l
RT: 9.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

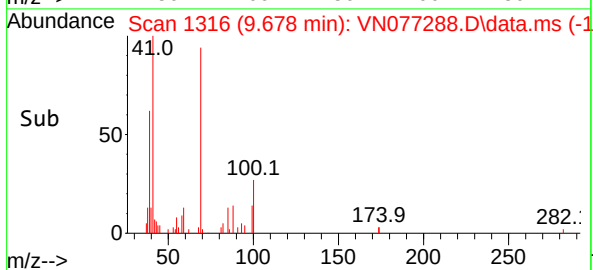
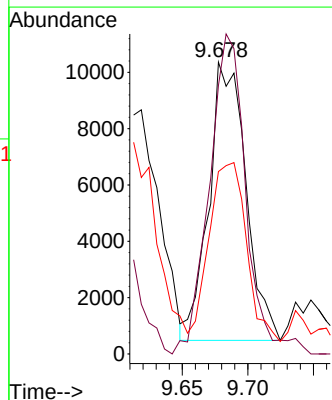
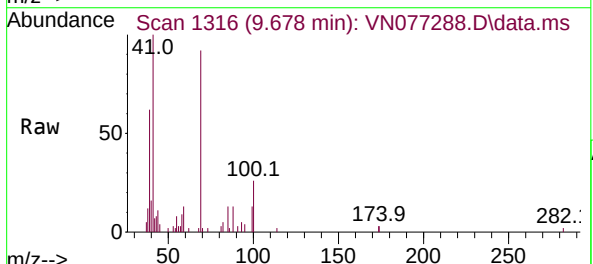
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

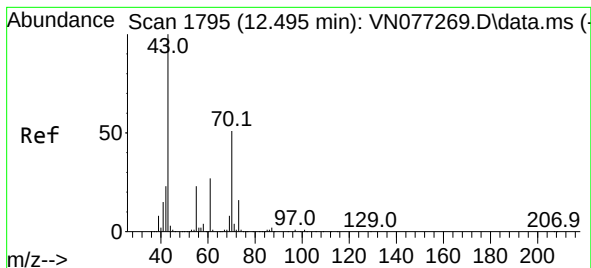
Tgt Ion: 88 Resp: 9360
Ion Ratio Lower Upper
88 100
43 19.3 17.4 26.0
58 53.0 48.2 72.4



#46
Methyl methacrylate
Concen: 2.946 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 41 Resp: 19360
Ion Ratio Lower Upper
41 100
69 91.7 54.5 163.5
39 61.0 33.4 100.2





#47

n-amyl acetate

Concen: 2.726 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

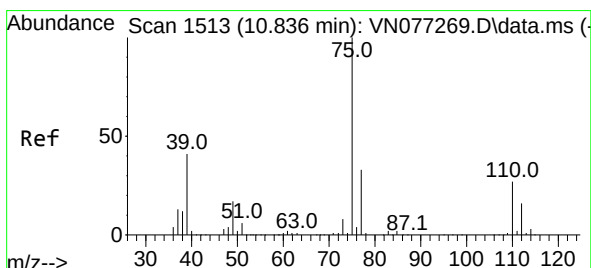
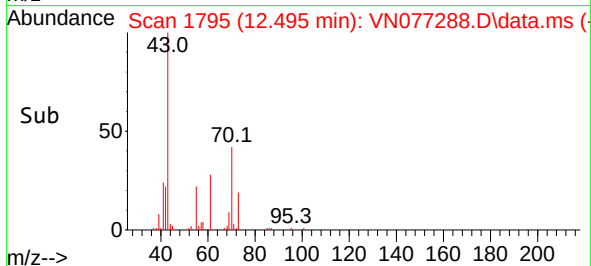
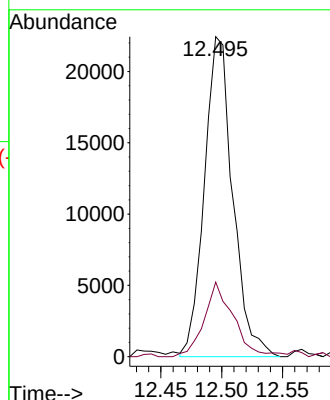
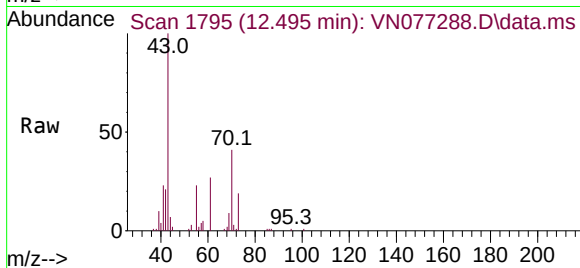
MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 36362

Ion Ratio Lower Upper

43 100

55 23.5 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 2.886 ug/l

RT: 10.842 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN077288.D

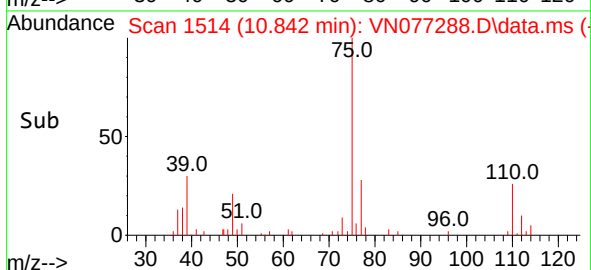
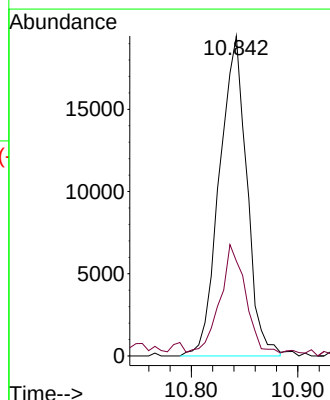
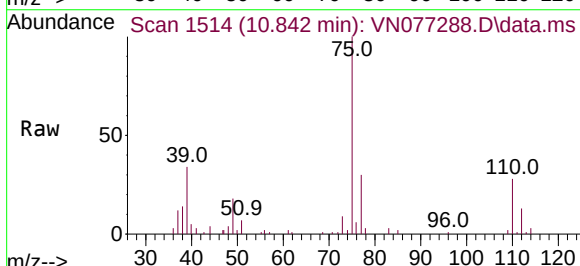
Acq: 10 Apr 2023 12:46

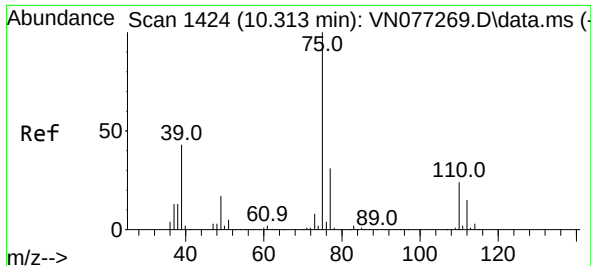
Tgt Ion: 75 Resp: 34729

Ion Ratio Lower Upper

75 100

77 28.7 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 2.994 ug/l

RT: 10.319 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

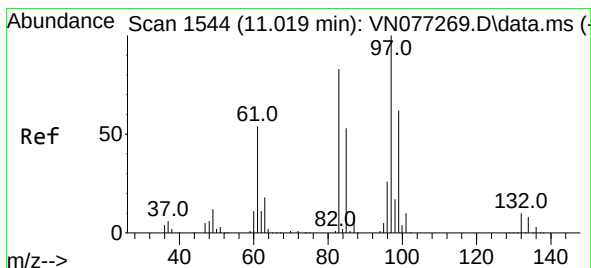
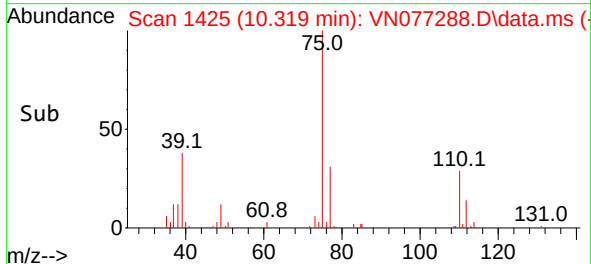
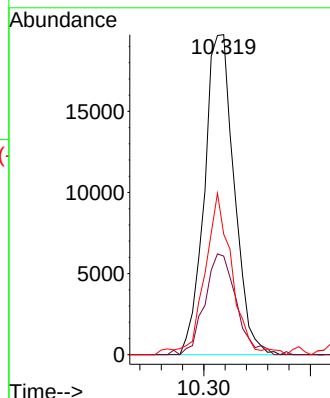
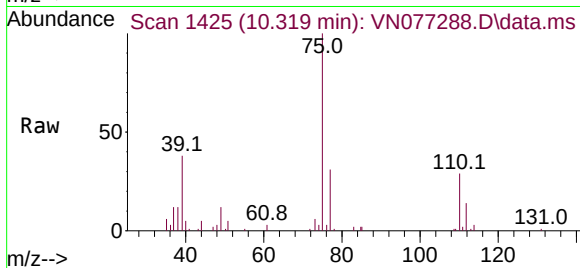
Tgt Ion: 75 Resp: 38329

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 36.4 34.4 51.6



#50

1,1,2-Trichloroethane

Concen: 3.071 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Tgt Ion: 97 Resp: 24052

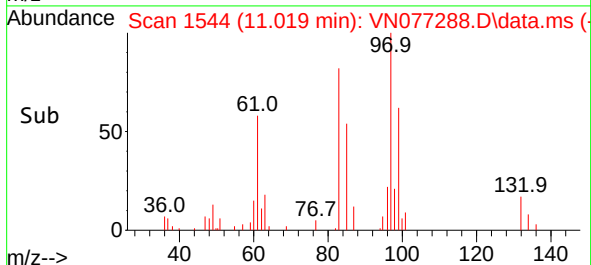
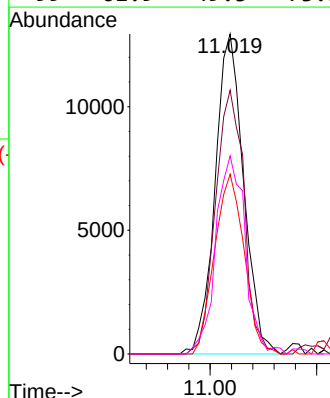
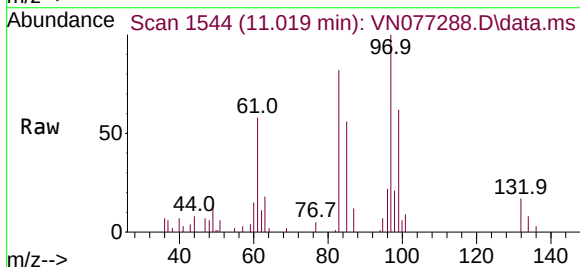
Ion Ratio Lower Upper

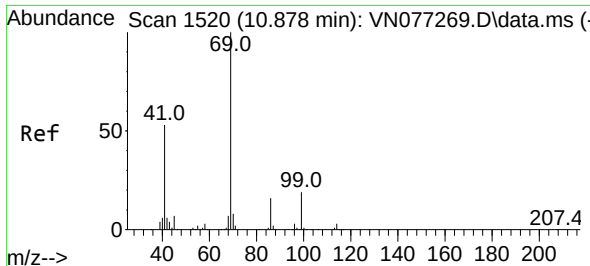
97 100

83 82.4 66.7 100.1

85 56.1 42.4 63.6

99 61.9 49.3 73.9

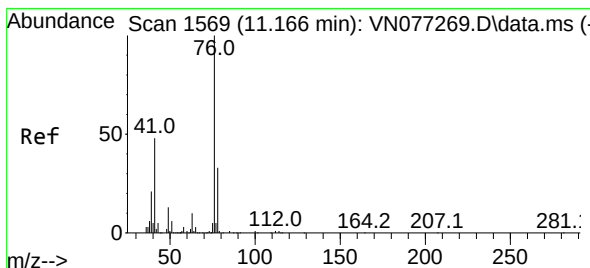
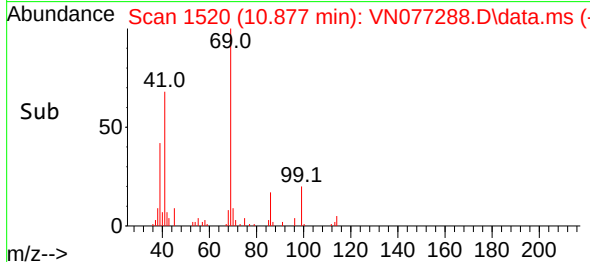
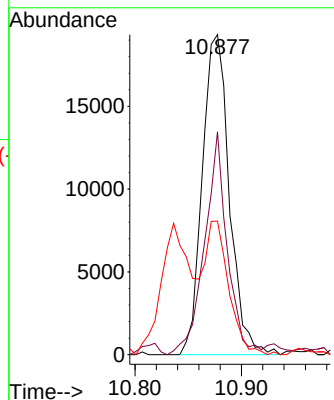
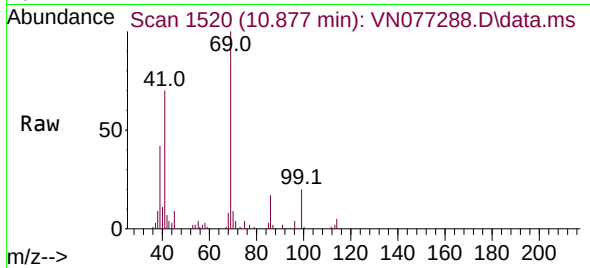




#51
Ethyl methacrylate
Concen: 2.841 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

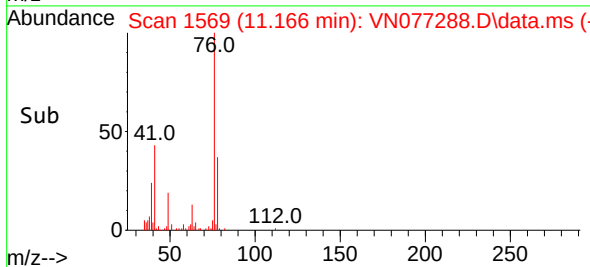
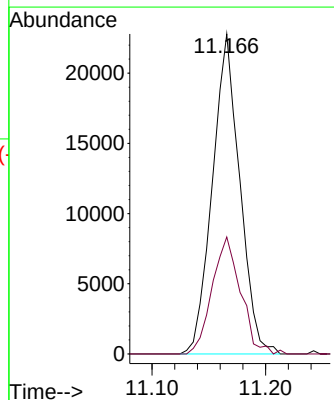
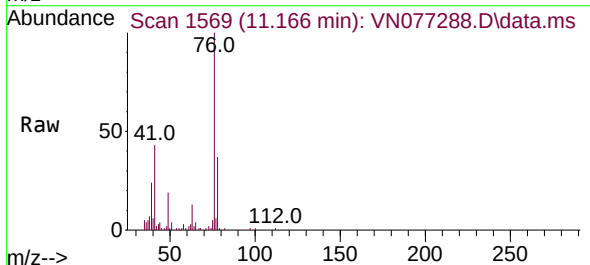
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

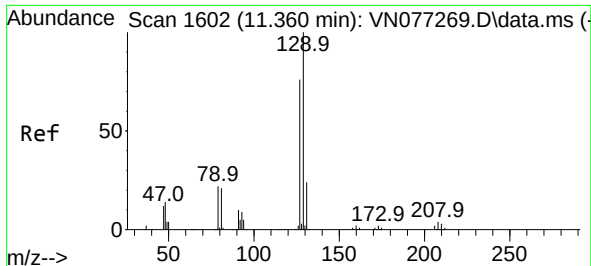
Tgt Ion: 69 Resp: 34174
Ion Ratio Lower Upper
69 100
41 67.6 26.7 80.0
39 41.7 17.0 50.9



#52
1,3-Dichloropropane
Concen: 2.918 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 76 Resp: 38148
Ion Ratio Lower Upper
76 100
78 37.4 0.0 65.0

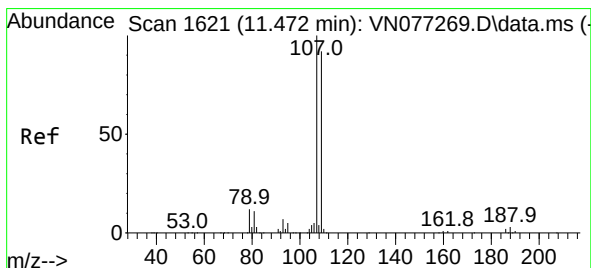
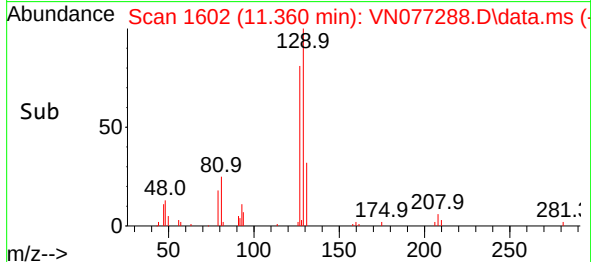
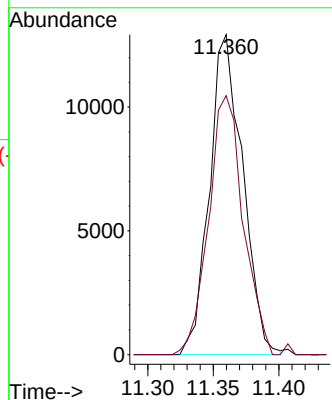
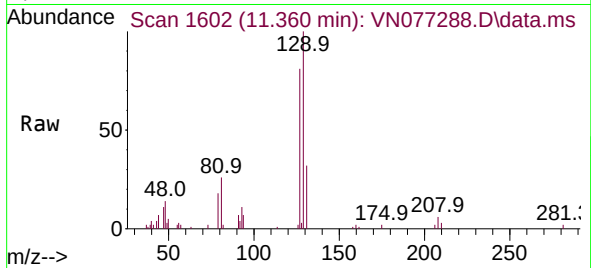




#53
Dibromochloromethane
Concen: 2.763 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

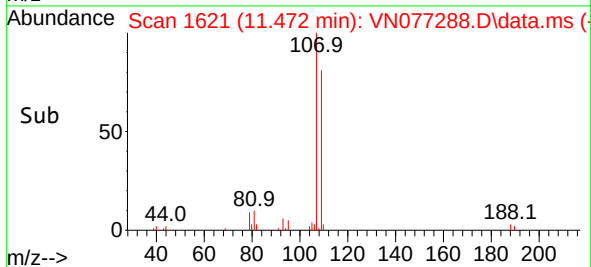
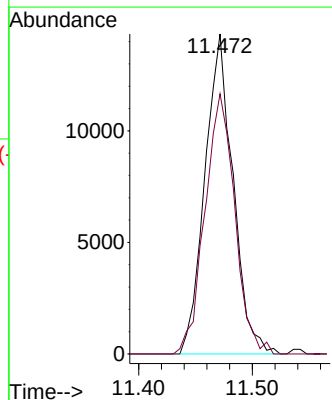
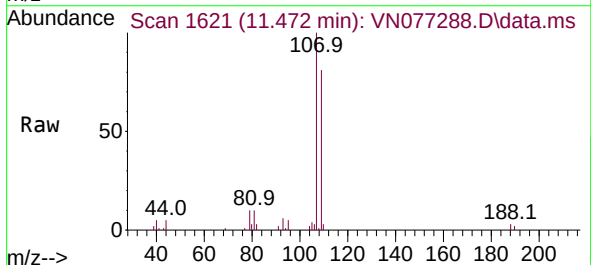
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

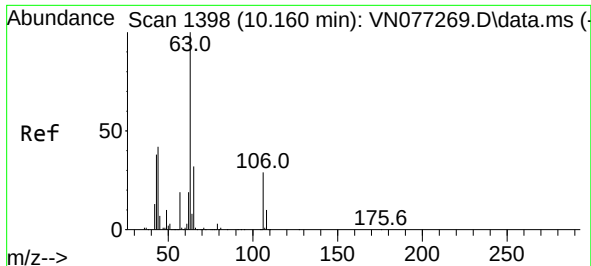
Tgt Ion:129 Resp: 22808
Ion Ratio Lower Upper
129 100
127 84.3 38.6 115.8



#54
1,2-Dibromoethane
Concen: 3.143 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:107 Resp: 24715
Ion Ratio Lower Upper
107 100
109 86.3 74.1 111.1

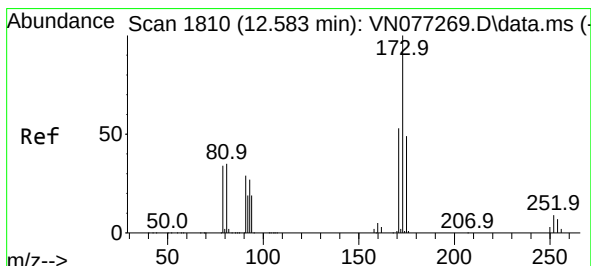
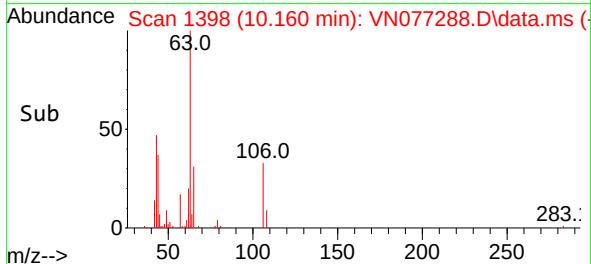
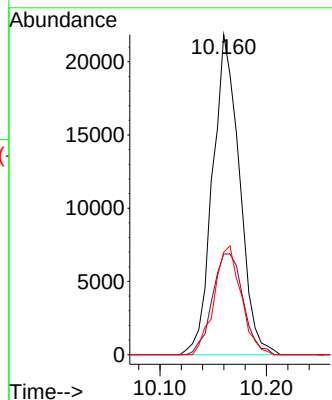
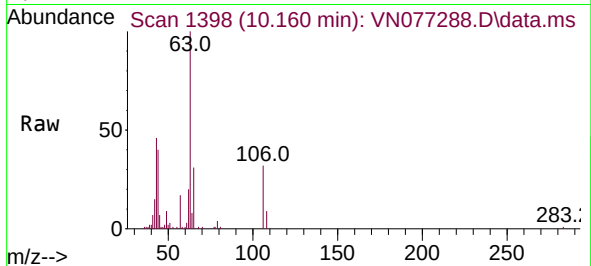




#55
2-Chloroethyl vinyl ether
Concen: 10.295 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

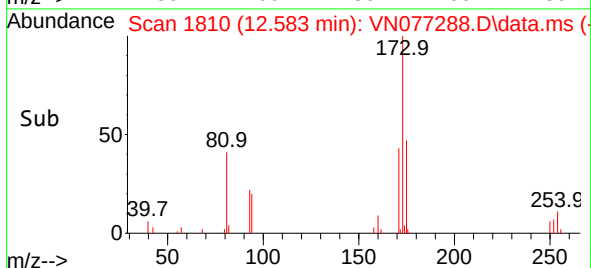
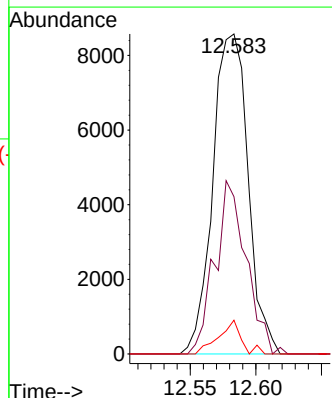
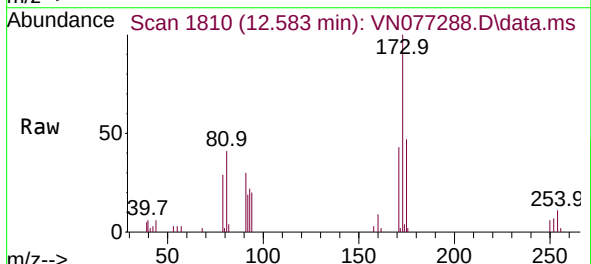
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

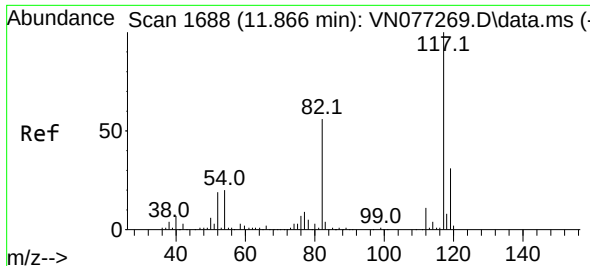
Tgt Ion: 63 Resp: 38236
Ion Ratio Lower Upper
63 100
65 36.1 25.7 38.5
106 34.1 24.0 36.0



#56
Bromoform
Concen: 2.890 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:173 Resp: 16030
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 6.3 6.0 9.0

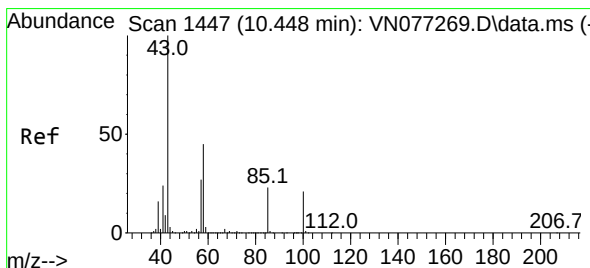
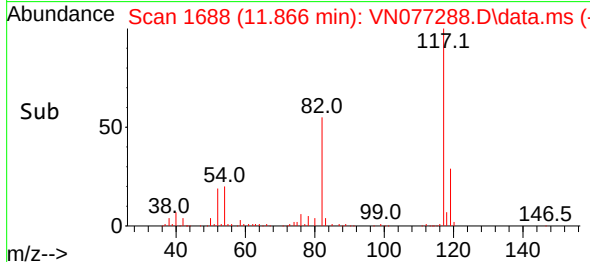
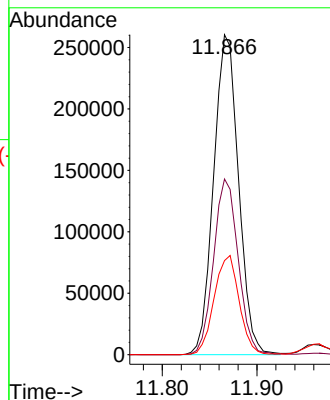
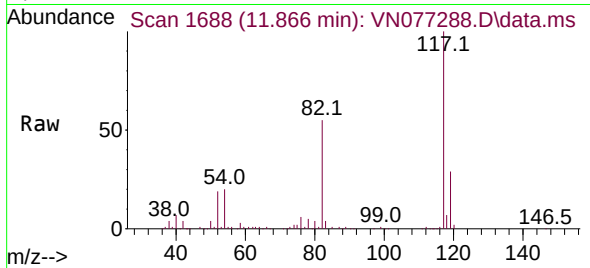




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

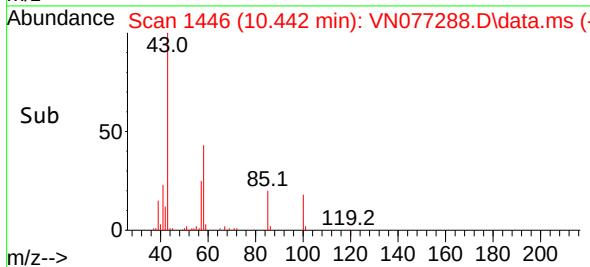
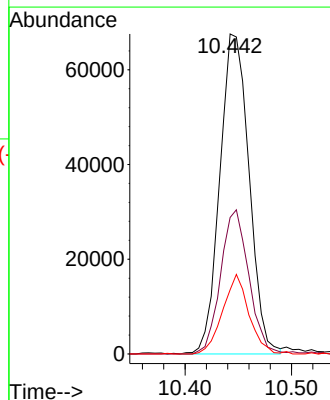
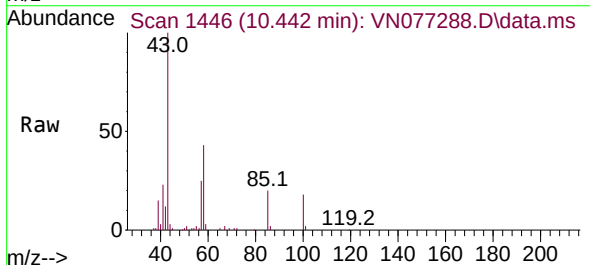
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

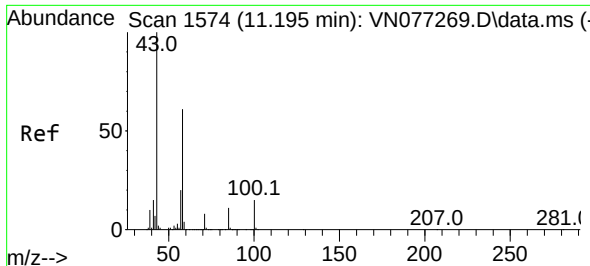
Tgt Ion:117 Resp: 476271
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.1 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 14.458 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 43 Resp: 128925
Ion Ratio Lower Upper
43 100
58 43.4 34.7 52.1
85 22.3 17.8 26.8

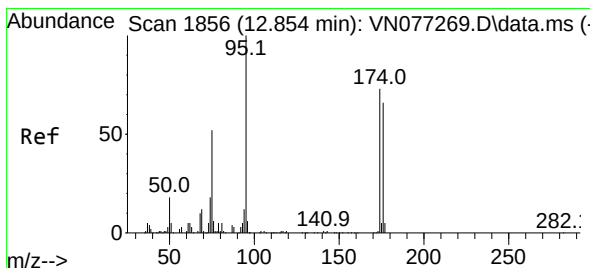
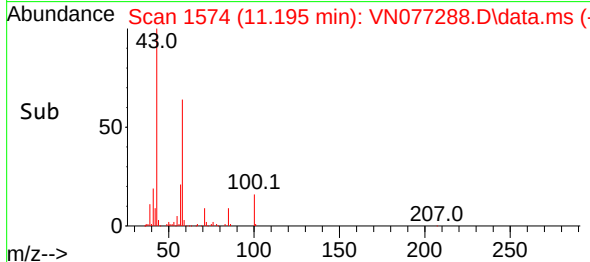
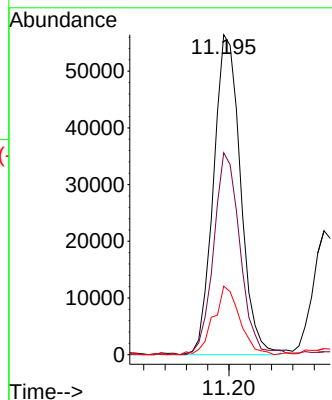
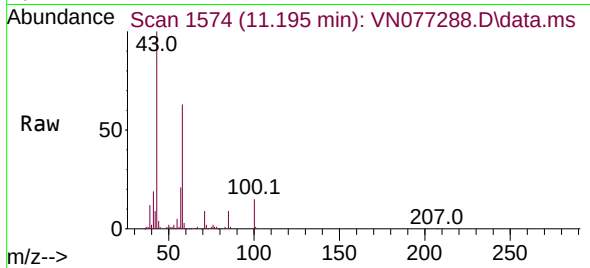




#59
2-Hexanone
Concen: 14.402 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

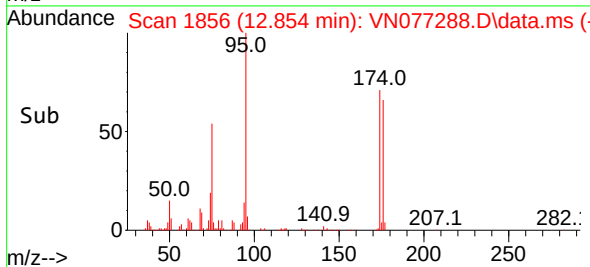
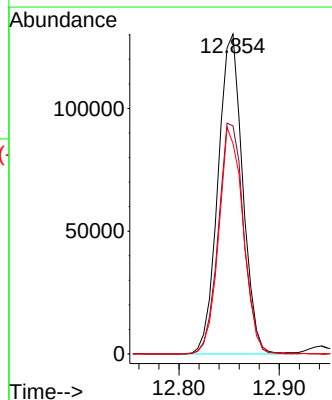
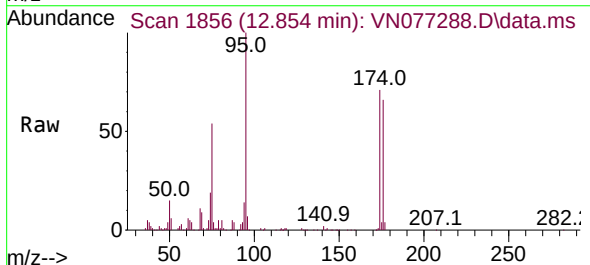
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

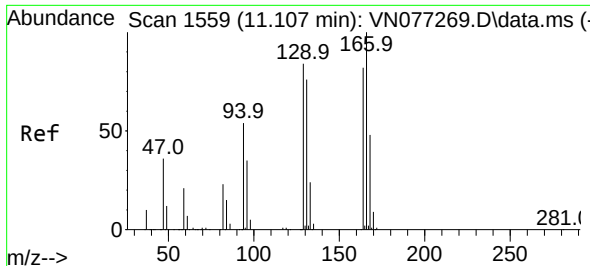
Tgt Ion: 43 Resp: 99269
Ion Ratio Lower Upper
43 100
58 60.9 48.6 73.0
57 20.9 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 26.903 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 95 Resp: 221558
Ion Ratio Lower Upper
95 100
174 73.8 57.8 86.8
176 70.4 54.6 81.8

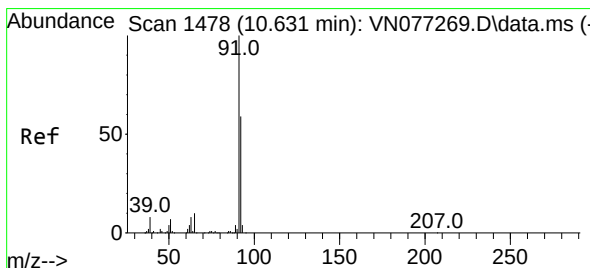
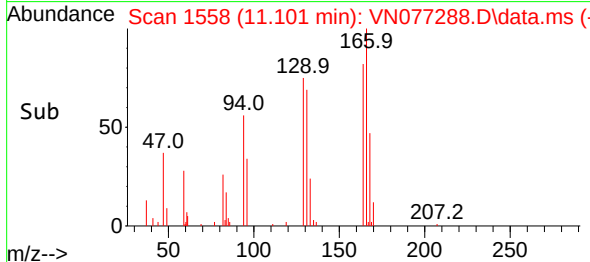
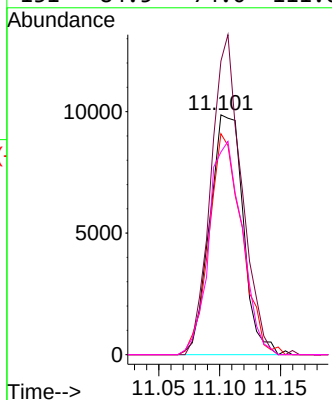
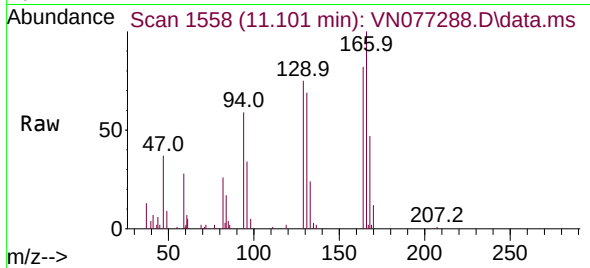




#61
Tetrachloroethene
Concen: 3.336 ug/l
RT: 11.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

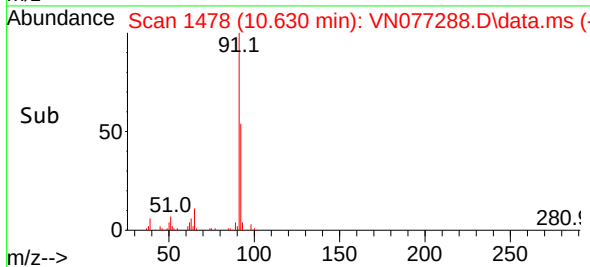
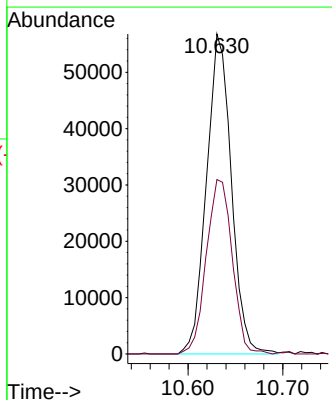
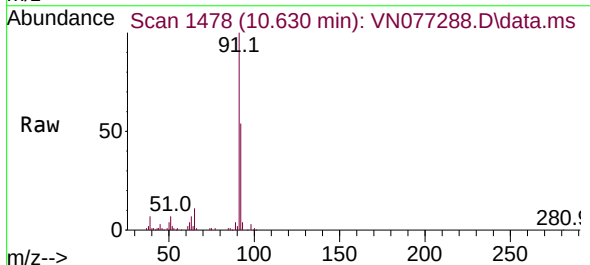
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

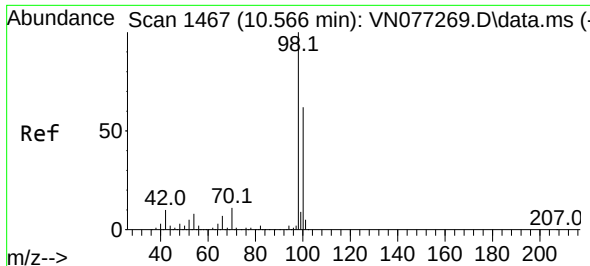
Tgt Ion:164 Resp: 18899
Ion Ratio Lower Upper
164 100
166 122.4 97.9 146.9
129 92.1 82.5 123.7
131 84.5 74.0 111.0



#62
Toluene
Concen: 3.116 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 91 Resp: 103552
Ion Ratio Lower Upper
91 100
92 56.5 46.6 70.0

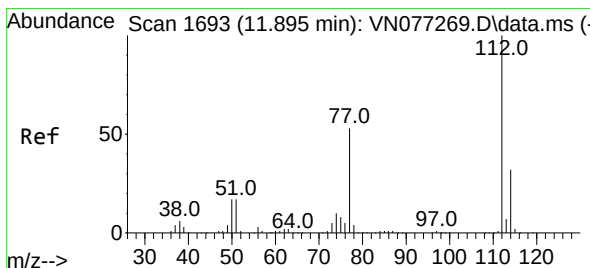
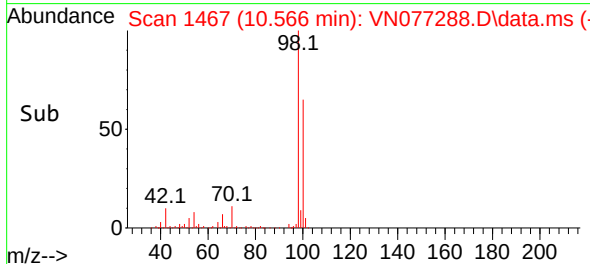
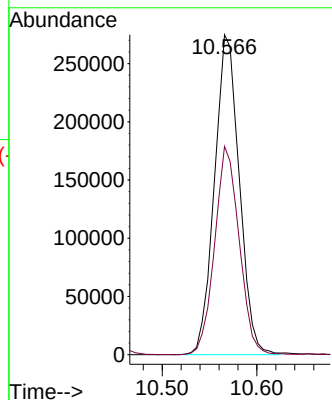
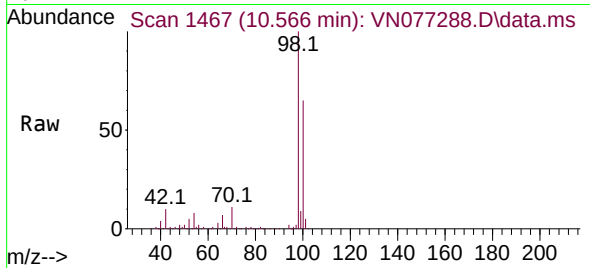




#63
Toluene-d8
Concen: 29.914 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

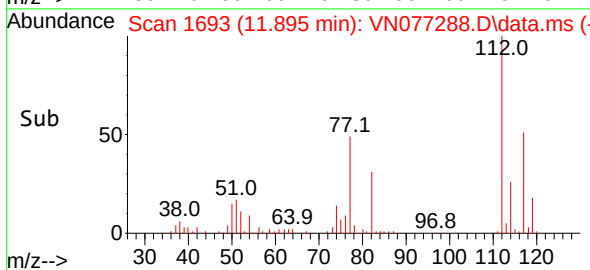
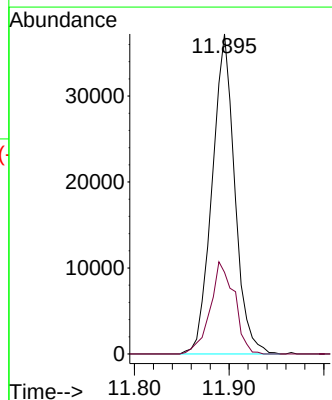
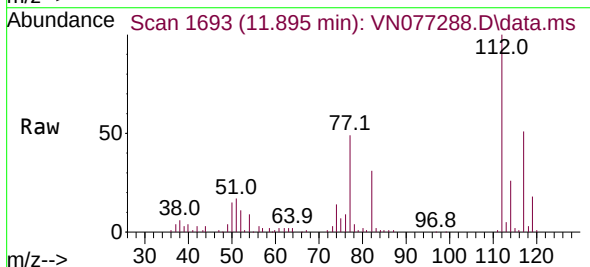
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

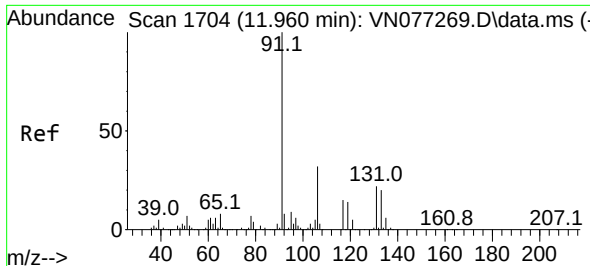
Tgt Ion: 98 Resp: 500851
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#64
Chlorobenzene
Concen: 3.065 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 112 Resp: 61885
Ion Ratio Lower Upper
112 100
114 25.5 25.6 38.4#

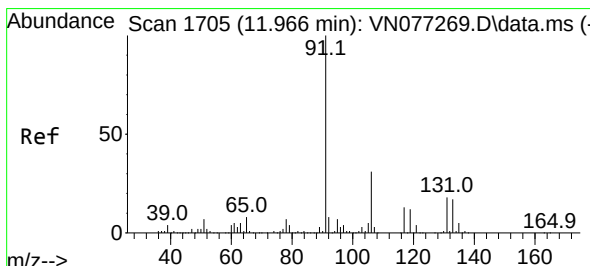
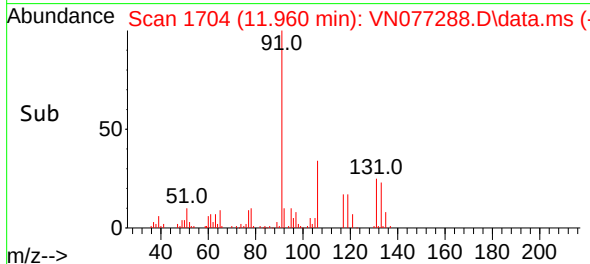
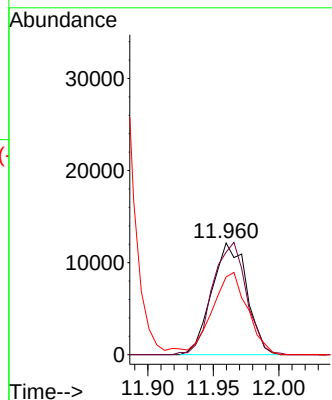
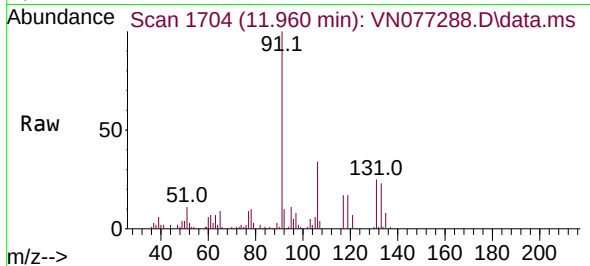




#65
1,1,1,2-Tetrachloroethane
Concen: 3.037 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

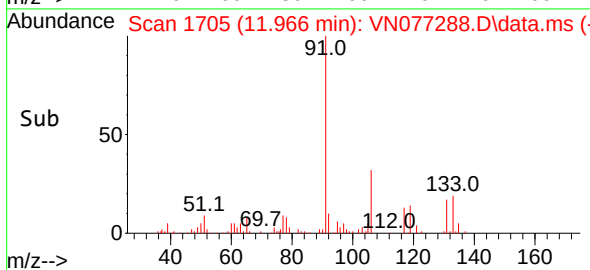
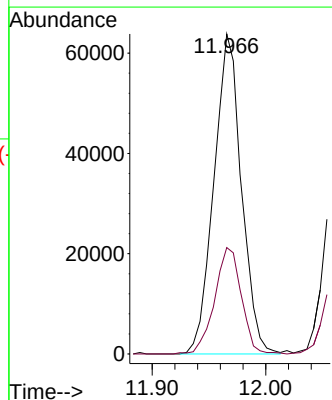
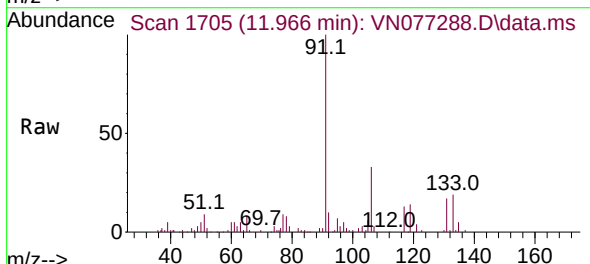
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

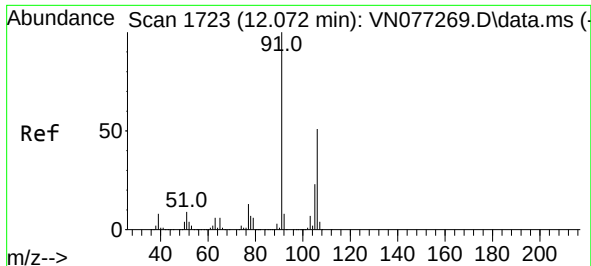
Tgt Ion:131 Resp: 22549
Ion Ratio Lower Upper
131 100
133 98.0 0.0 184.4
119 73.3 0.0 134.8



#66
Ethyl Benzene
Concen: 2.917 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 91 Resp: 107386
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.6

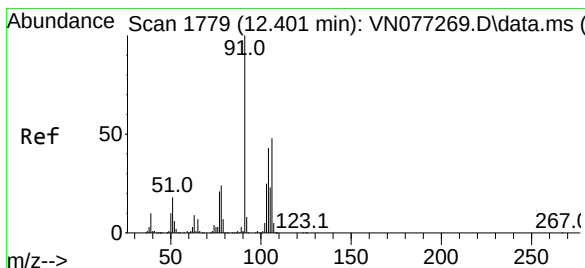
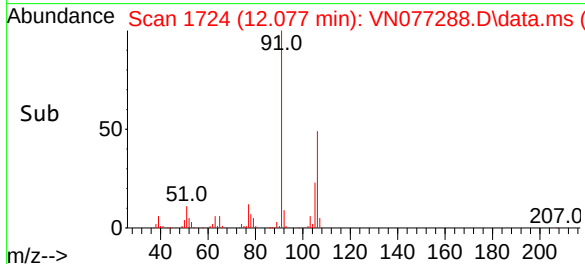
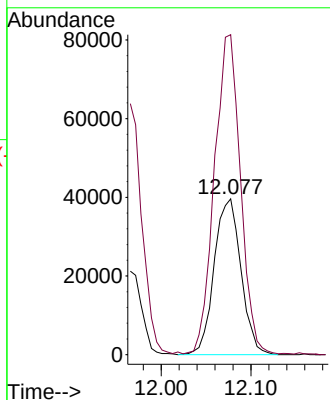
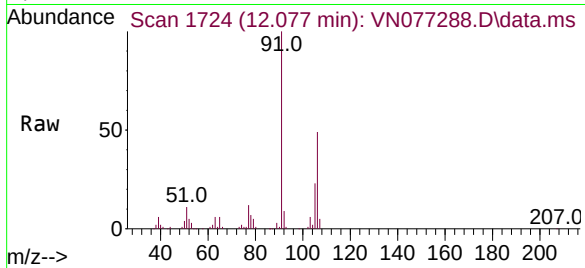




#67
m/p-Xylenes
Concen: 5.682 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

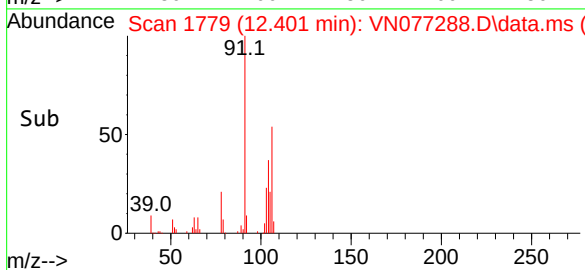
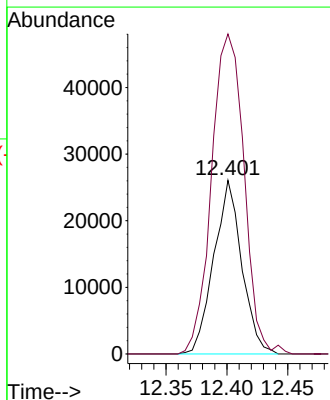
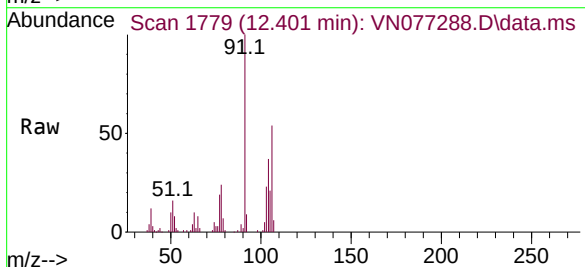
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

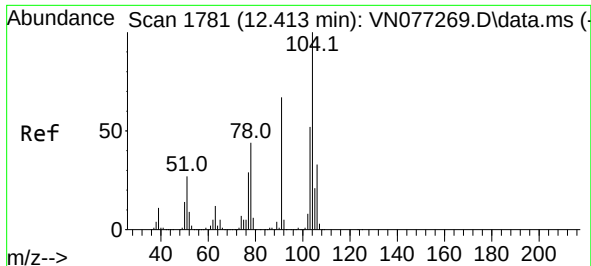
Tgt Ion:106 Resp: 81998
Ion Ratio Lower Upper
106 100
91 199.4 158.0 237.0



#68
o-Xylene
Concen: 2.888 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:106 Resp: 41699
Ion Ratio Lower Upper
106 100
91 212.4 103.6 310.8

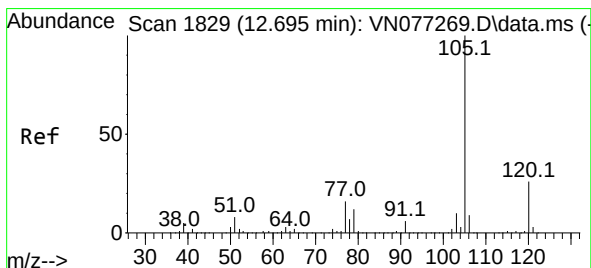
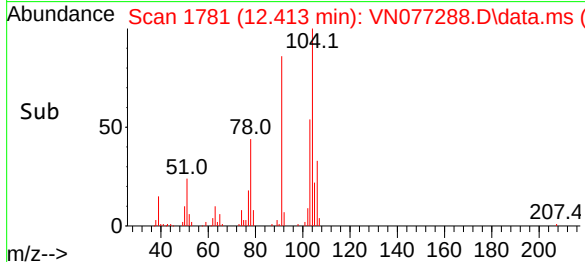
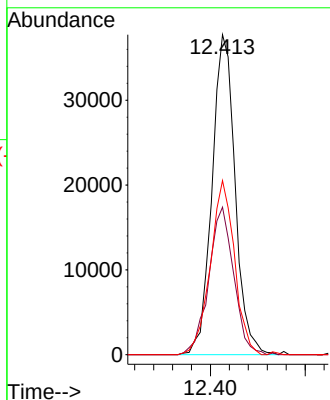
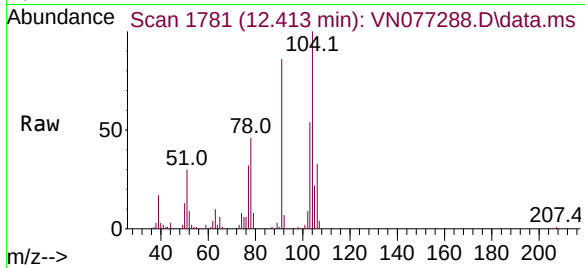




#69
Styrene
Concen: 2.765 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

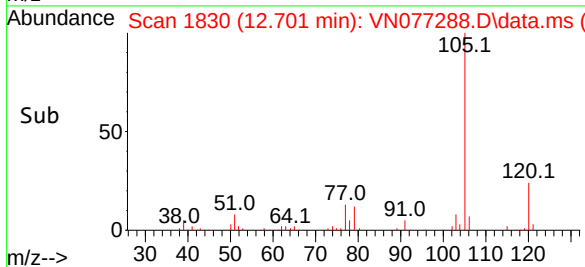
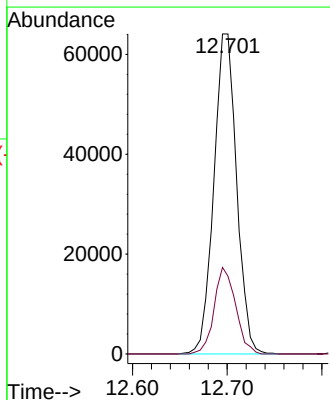
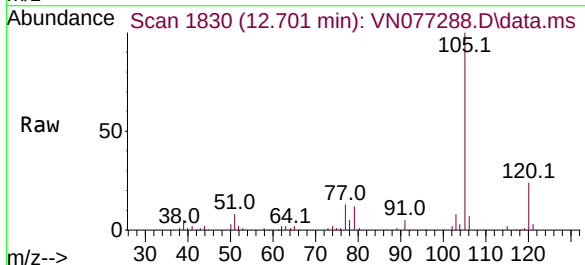
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

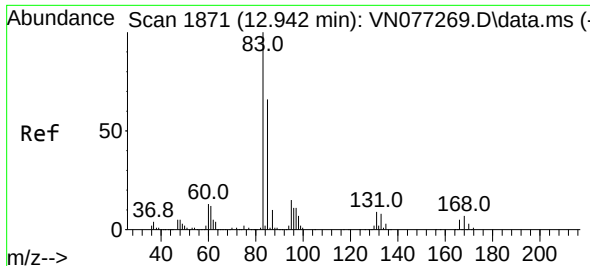
Tgt Ion:104 Resp: 63953
Ion Ratio Lower Upper
104 100
78 49.7 38.2 57.4
103 56.8 43.6 65.4



#70
Isopropylbenzene
Concen: 2.933 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:105 Resp: 107441
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1

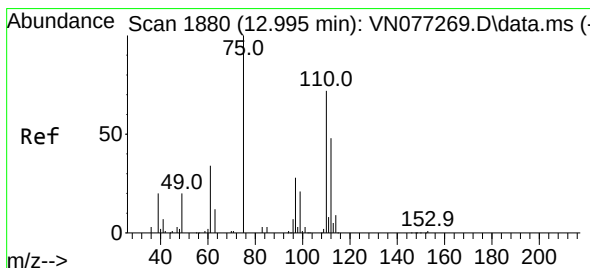
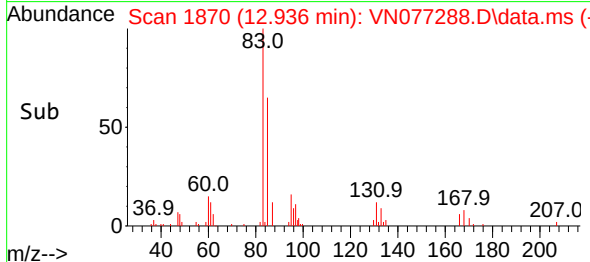
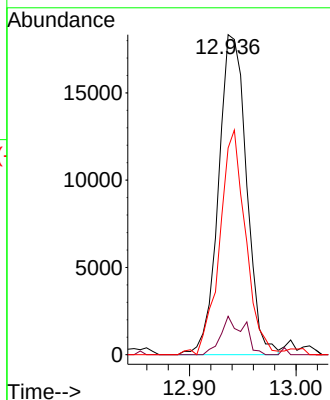
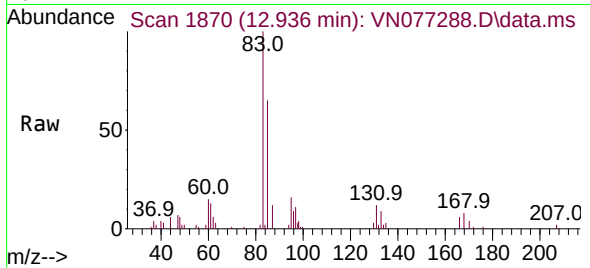




#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.984 ug/l
 RT: 12.936 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: VN077288.D
 Acq: 10 Apr 2023 12:46

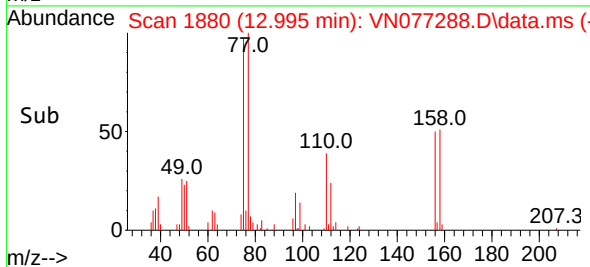
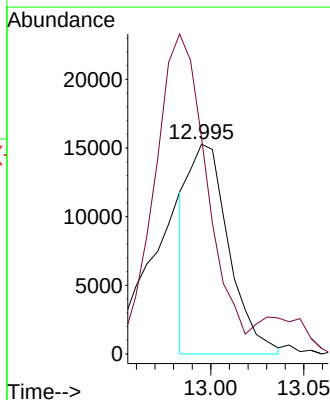
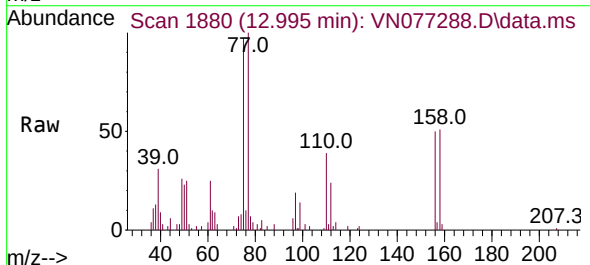
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2023

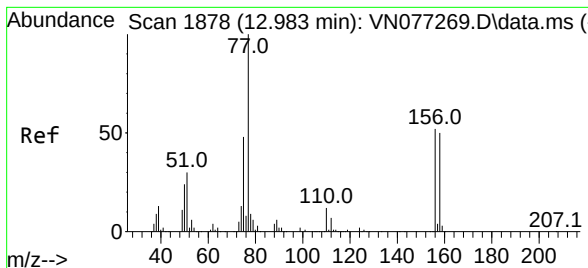
Tgt Ion: 83 Resp: 33484
 Ion Ratio Lower Upper
 83 100
 131 7.4 4.7 14.0
 85 64.7 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 3.014 ug/l m
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077288.D
 Acq: 10 Apr 2023 12:46

Tgt Ion: 75 Resp: 22988
 Ion Ratio Lower Upper
 75 100
 77 200.4 0.0 434.2





#73

Bromobenzene

Concen: 3.080 ug/l

RT: 12.989 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

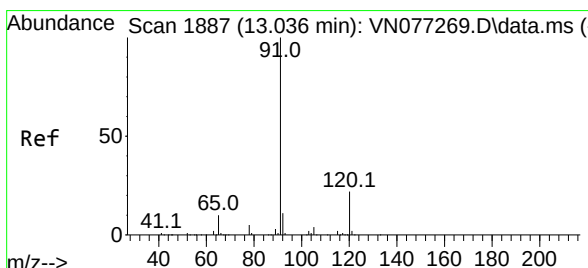
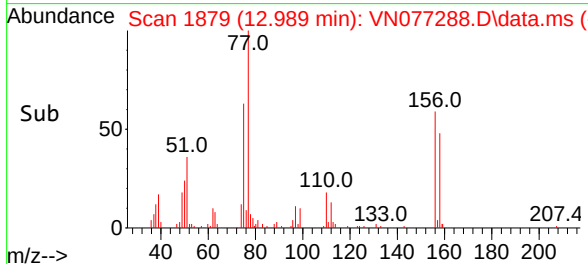
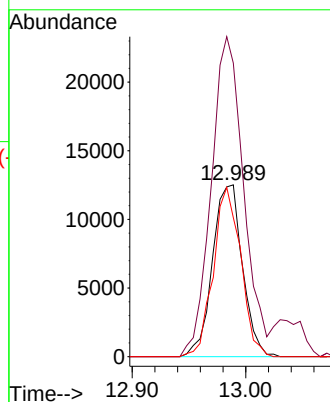
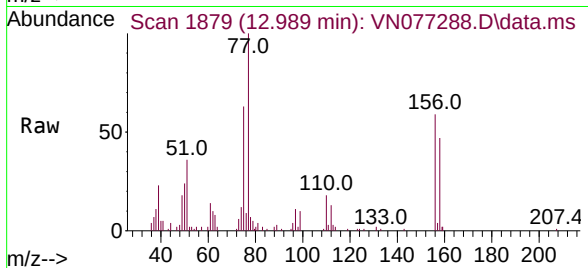
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	156	Resp:	22925
Ion Ratio	Lower	Upper	
156	100		
77	200.9	0.0	456.6
158	90.4	0.0	195.6



#74

n-propylbenzene

Concen: 2.775 ug/l

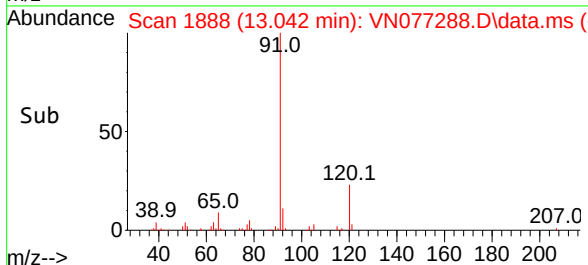
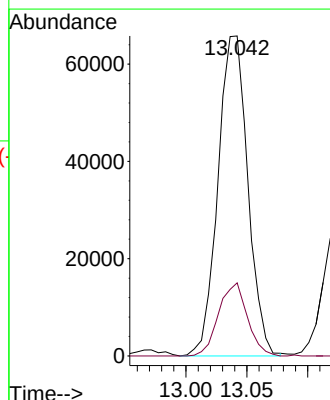
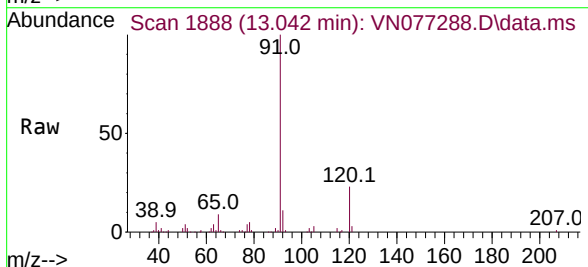
RT: 13.042 min Scan# 1888

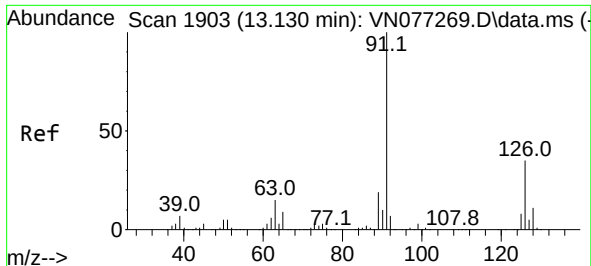
Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Tgt Ion:	91	Resp:	112493
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	45.6

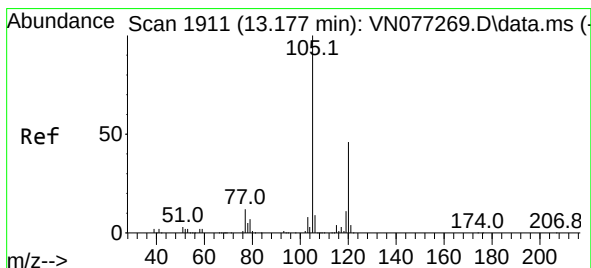
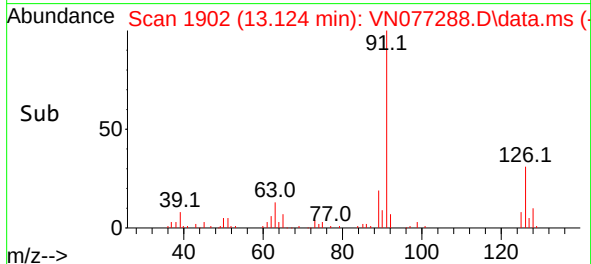
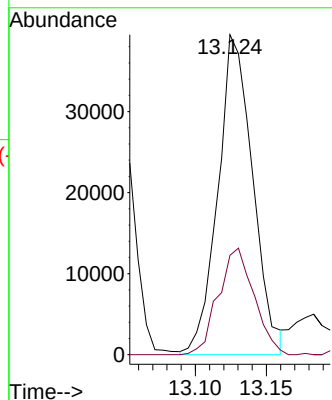
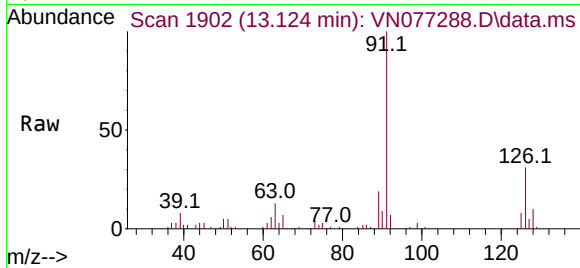




#75
2-Chlorotoluene
Concen: 2.773 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

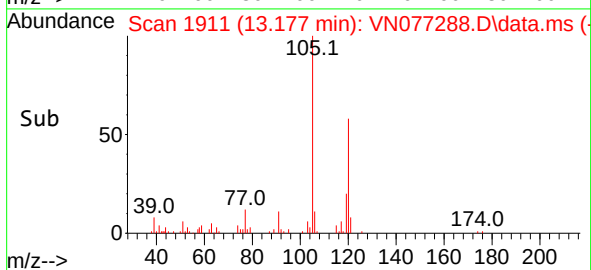
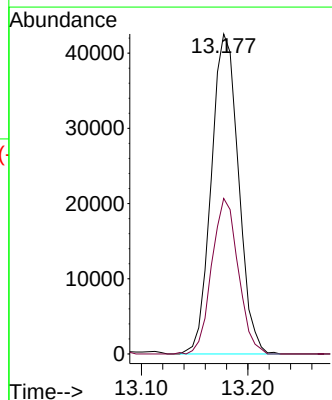
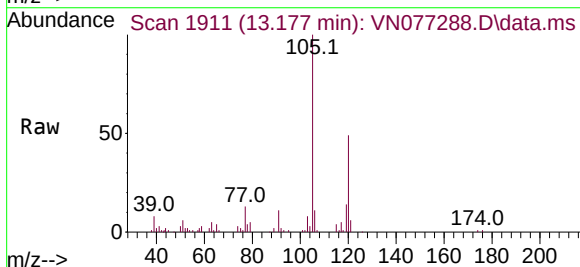
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

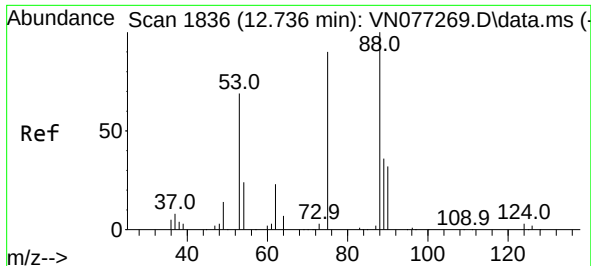
Tgt Ion: 91 Resp: 67342
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 2.531 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 105 Resp: 75467
Ion Ratio Lower Upper
105 100
120 47.1 0.0 94.4

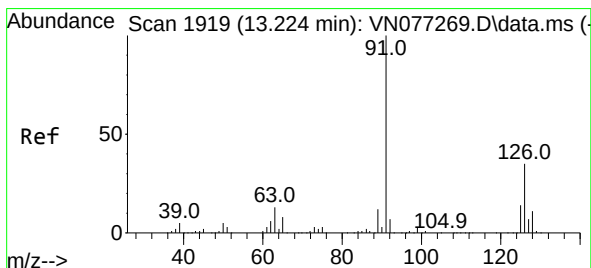
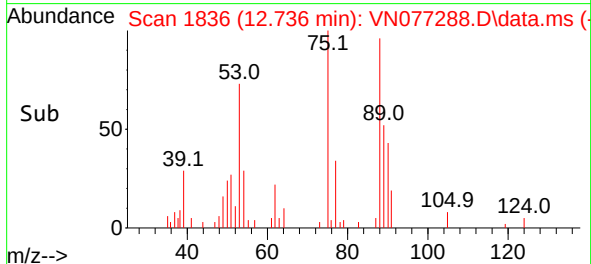
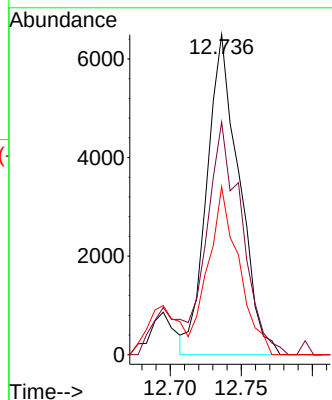
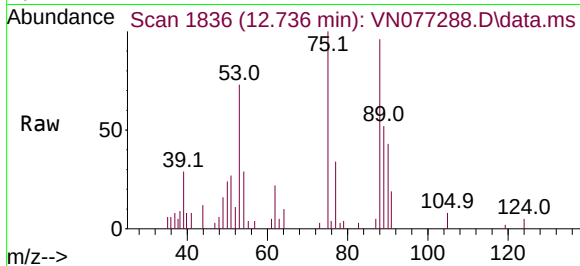




#77
t-1,4-Dichloro-2-butene
Concen: 2.634 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

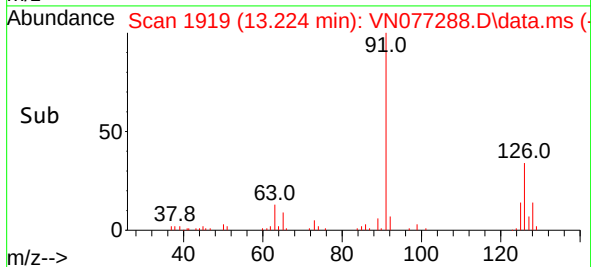
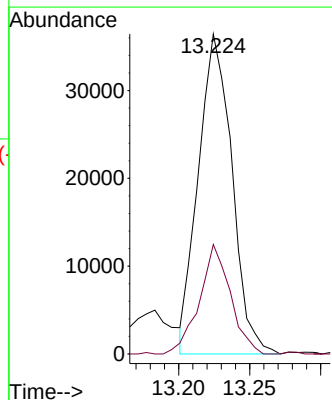
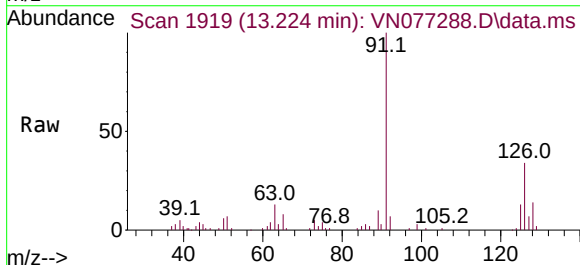
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

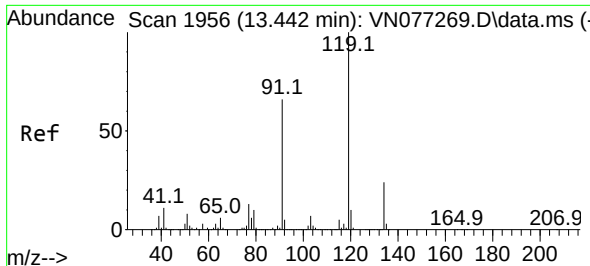
Tgt Ion:	75	Resp:	10234
Ion	Ratio	Lower	Upper
75	100		
53	70.4	38.8	116.4
89	52.5	23.2	69.6



#78
4-Chlorotoluene
Concen: 2.609 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:	91	Resp:	59867
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	67.4

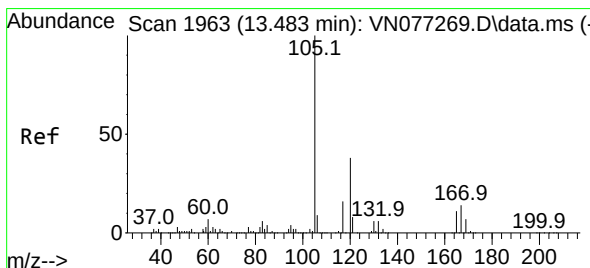
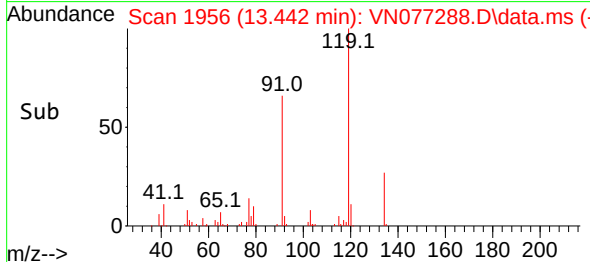
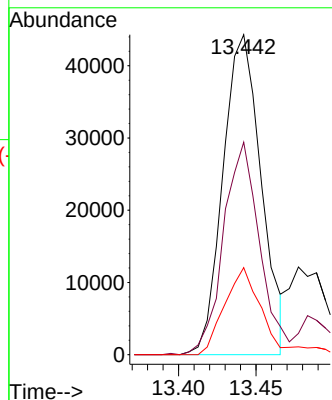
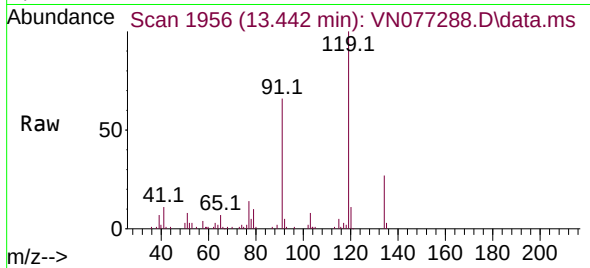




#79
tert-butylbenzene
Concen: 2.936 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

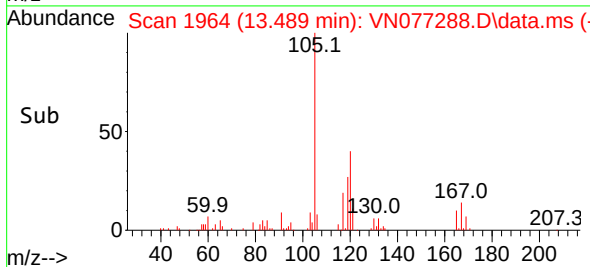
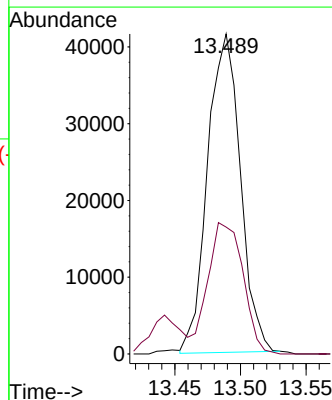
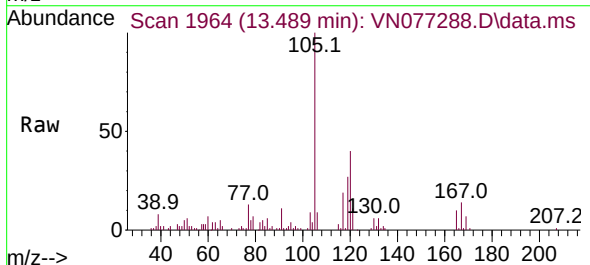
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

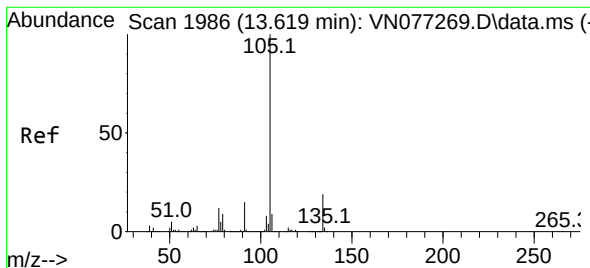
Tgt Ion:119 Resp: 76205
Ion Ratio Lower Upper
119 100
91 62.6 0.0 131.0
134 24.8 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 2.486 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:105 Resp: 72263
Ion Ratio Lower Upper
105 100
120 44.3 0.0 91.0





#81

sec-Butylbenzene

Concen: 2.718 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

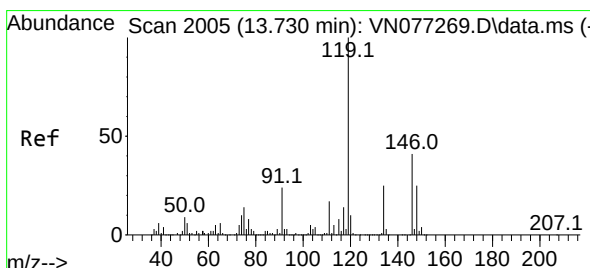
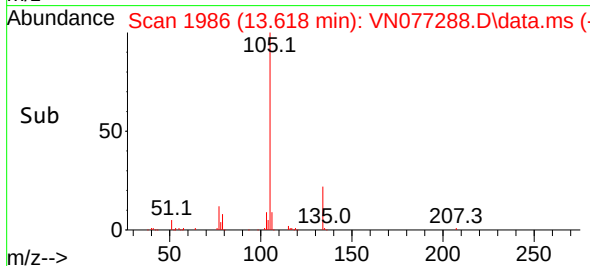
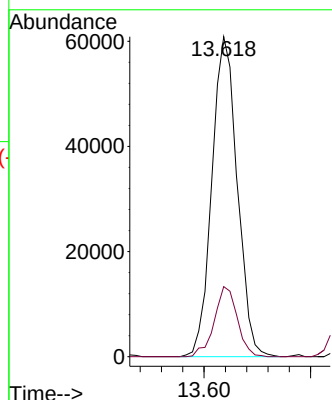
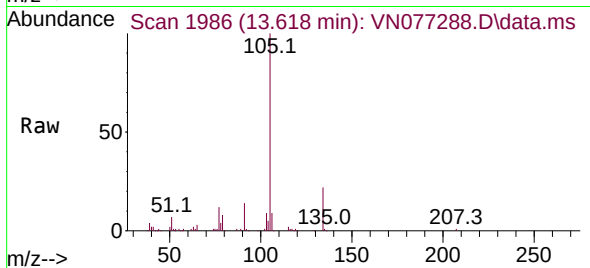
MDL-WATER-03-QT2-2023

Tgt Ion:105 Resp: 100740

Ion Ratio Lower Upper

105 100

134 19.8 0.0 38.6



#82

p-Isopropyltoluene

Concen: 2.577 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

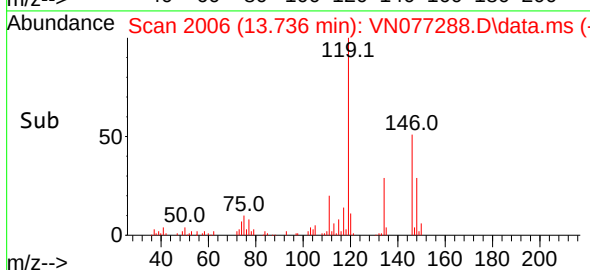
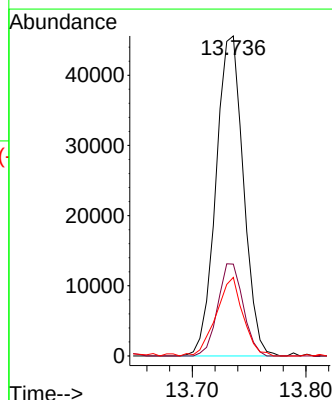
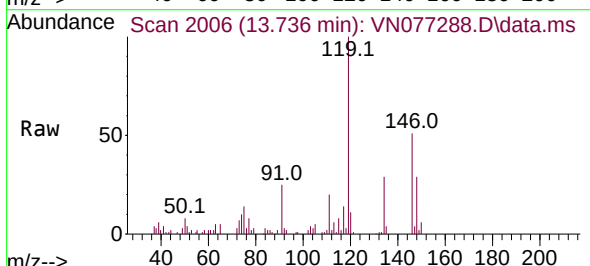
Tgt Ion:119 Resp: 76515

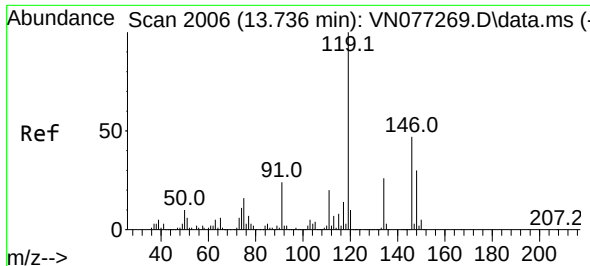
Ion Ratio Lower Upper

119 100

134 26.6 0.0 51.0

91 23.9 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 2.608 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

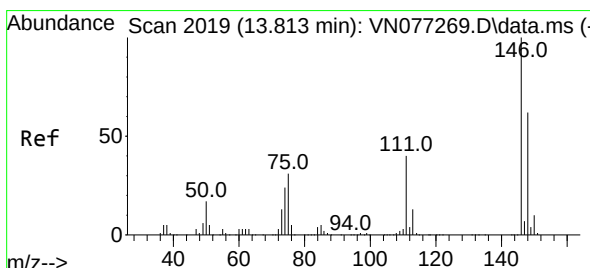
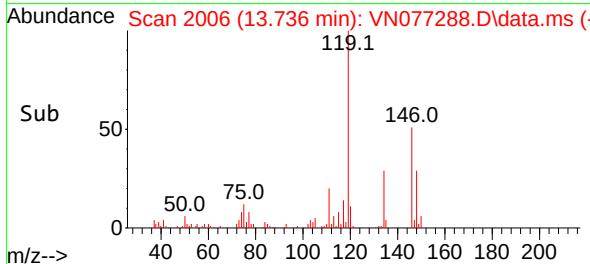
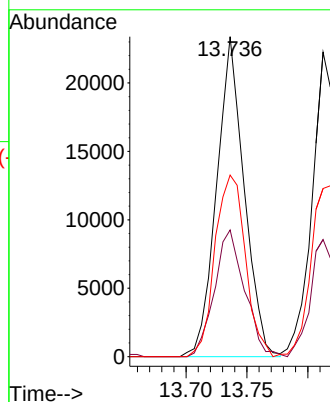
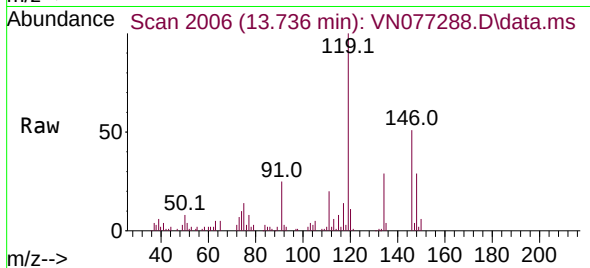
Tgt Ion:146 Resp: 36805

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 62.6 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 2.618 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

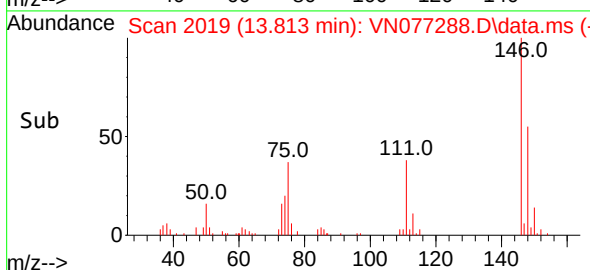
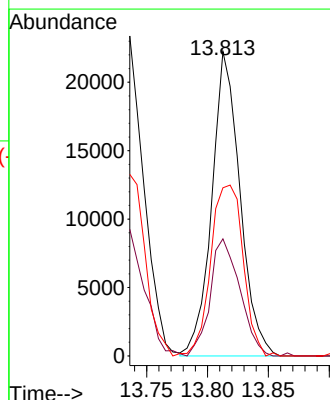
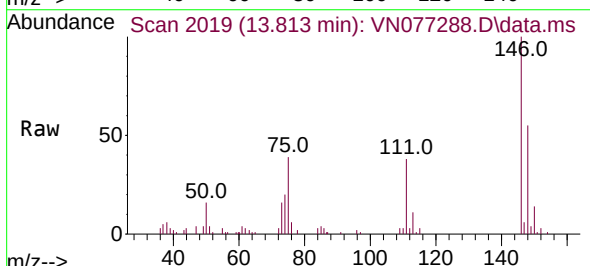
Tgt Ion:146 Resp: 35849

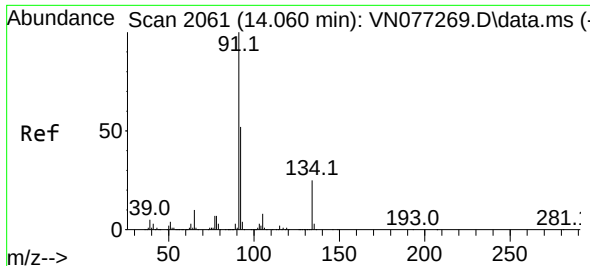
Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

148 64.3 31.6 94.7

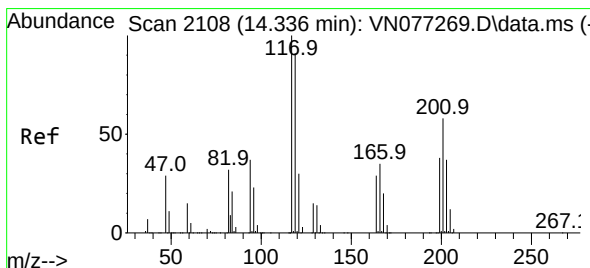
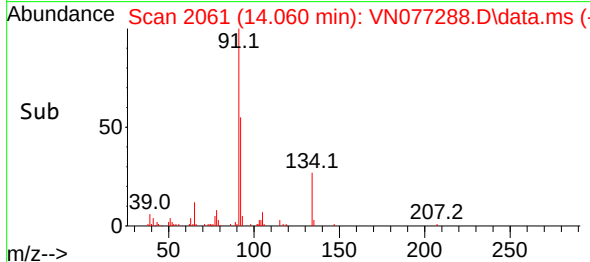
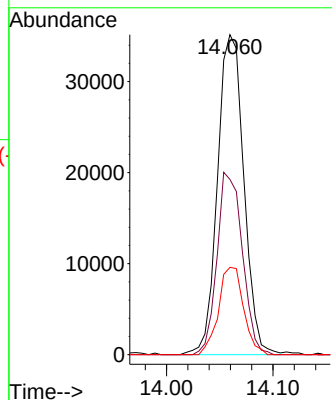
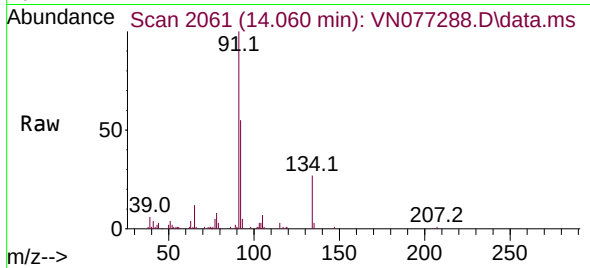




#85
n-Butylbenzene
Concen: 2.459 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

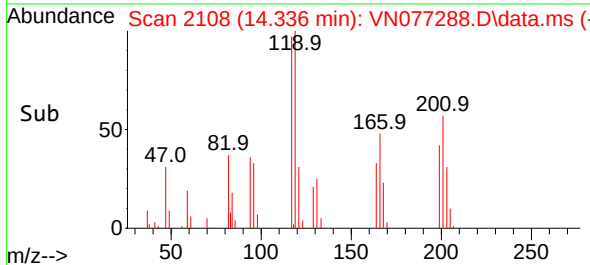
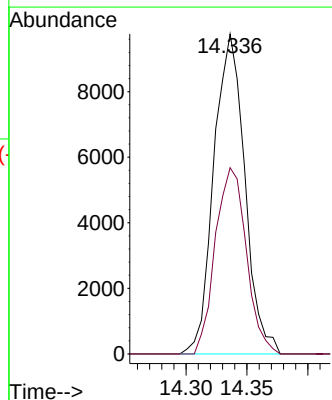
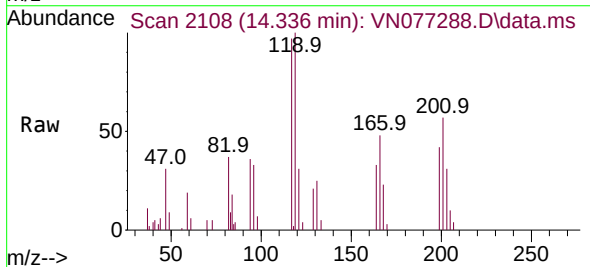
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

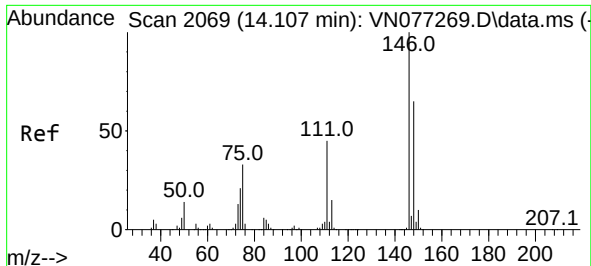
Tgt Ion: 91 Resp: 60333
Ion Ratio Lower Upper
91 100
92 54.7 0.0 105.6
134 26.1 0.0 49.4



#86
Hexachloroethane
Concen: 2.730 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 117 Resp: 17244
Ion Ratio Lower Upper
117 100
201 58.3 29.1 87.4

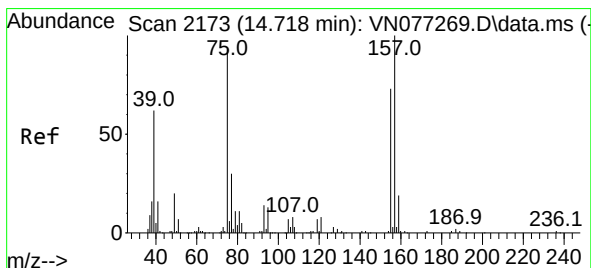
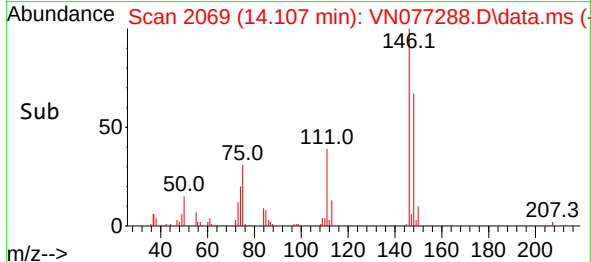
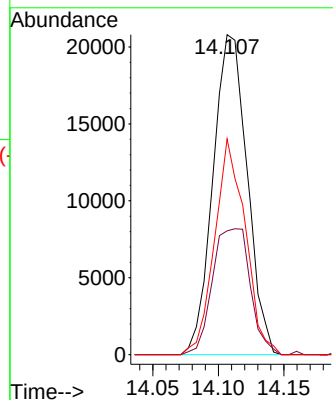
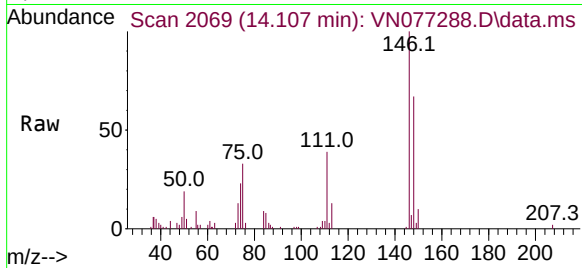




#87
1,2-Dichlorobenzene
Concen: 2.729 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

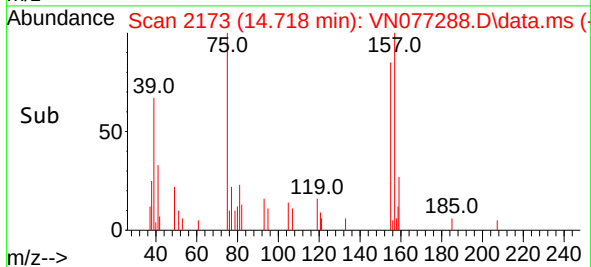
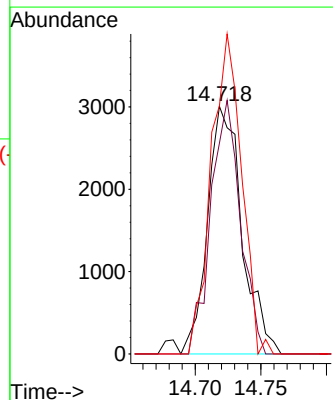
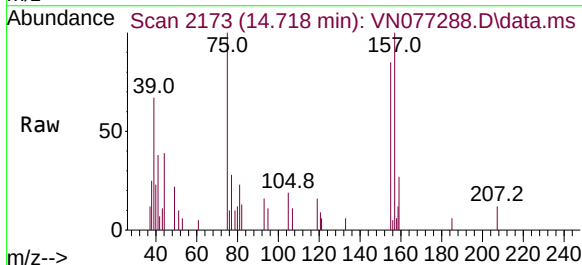
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

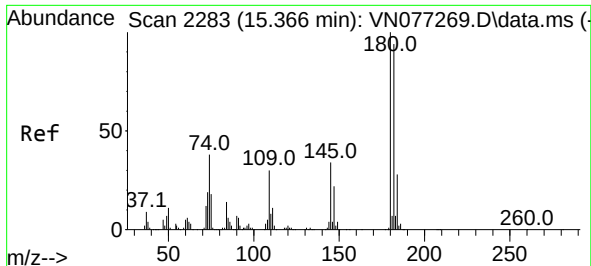
Tgt Ion:	146	Resp:	37733
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.1	66.5
148	60.4	31.9	95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.550 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN077288.D
Acq: 10 Apr 2023 12:46

Tgt Ion:	75	Resp:	5483
Ion Ratio	Lower	Upper	
75	100		
155	88.4	67.8	101.6
157	112.7	86.3	129.5





#89

1,2,4-Trichlorobenzene

Concen: 1.675 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

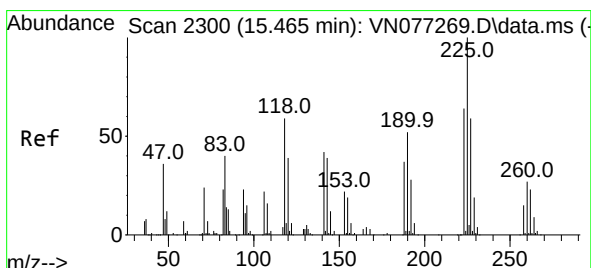
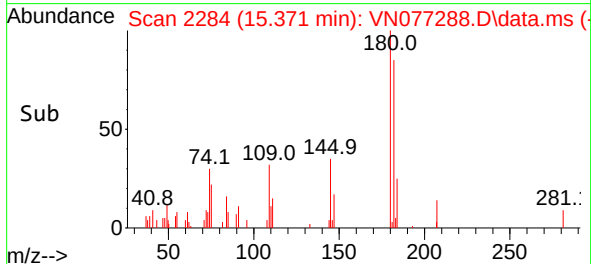
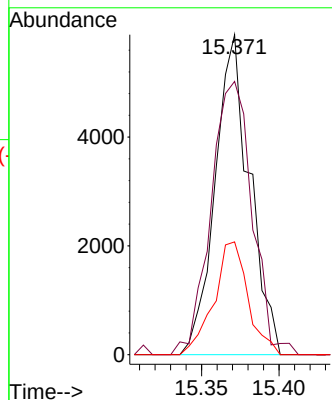
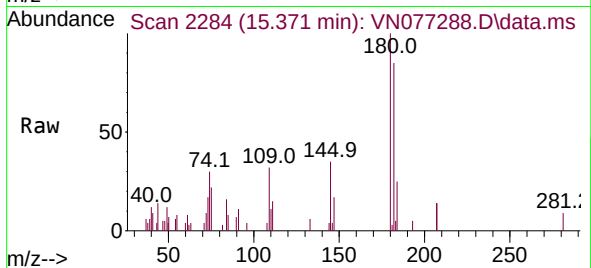
Tgt Ion:180 Resp: 9110

Ion Ratio Lower Upper

180 100

182 100.3 75.6 113.4

145 34.8 26.7 40.1



#90

Hexachlorobutadiene

Concen: 2.993 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

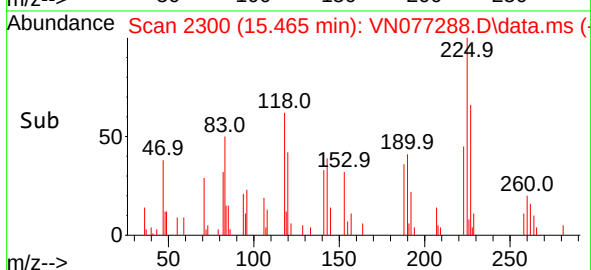
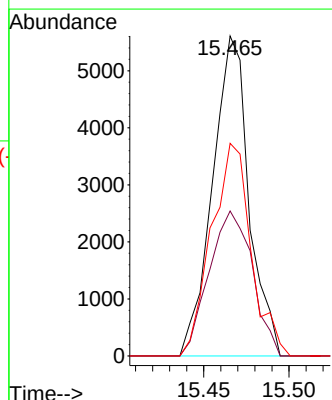
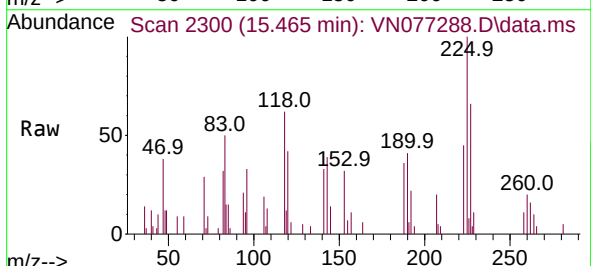
Tgt Ion:225 Resp: 8349

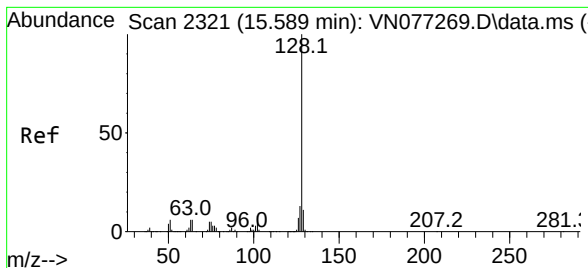
Ion Ratio Lower Upper

225 100

223 53.6 0.0 126.0

227 71.9 0.0 127.2





#91

Naphthalene

Concen: 1.394 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

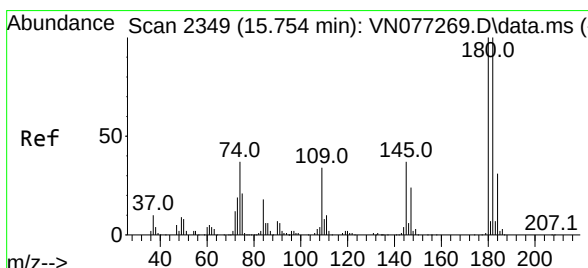
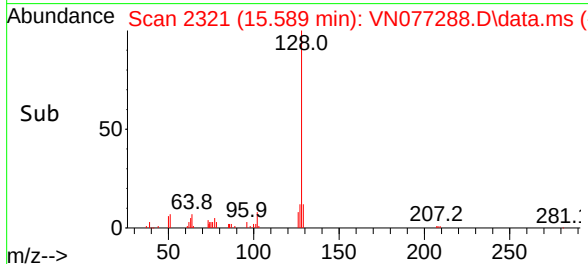
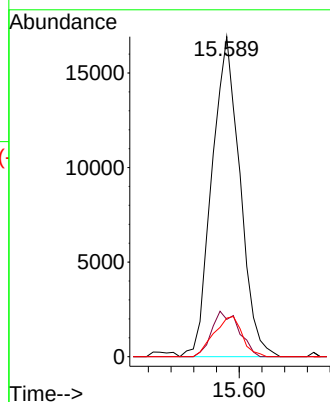
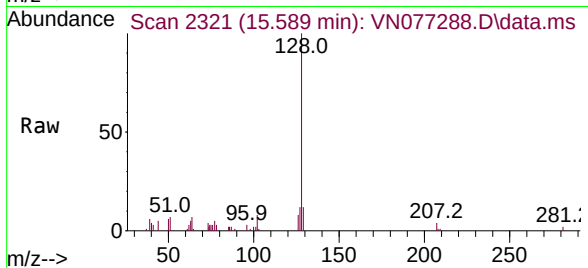
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:128	Resp:	28963
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.2 15.2
129	12.6	8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 1.689 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077288.D

Acq: 10 Apr 2023 12:46

Tgt Ion:180	Resp:	8963
Ion Ratio	Lower	Upper
180	100	
182	101.9	0.0 190.4
145	38.0	0.0 72.4

