

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076775.D
 Acq On : 22 Feb 2023 16:53
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 23 00:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	237946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	426117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	371555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	140919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181714	55.305	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.600%	
35) Dibromofluoromethane	8.172	113	137381	49.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.460%	
50) Toluene-d8	10.572	98	514312	49.351	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.848	95	148076	42.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.143	85	1781	0.705	ug/l	99
3) Chloromethane	2.372	50	2958	0.897	ug/l #	78
4) Vinyl Chloride	2.531	62	2809	0.866	ug/l #	86
5) Bromomethane	2.966	94	3116	1.585	ug/l	94
6) Chloroethane	3.131	64	2326	1.134	ug/l #	84
7) Trichlorofluoromethane	3.501	101	1739	0.394	ug/l	93
8) Diethyl Ether	3.978	74	1440	0.847	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.390	101	1100	0.424	ug/l #	73
10) Methyl Iodide	4.601	142	1224	0.382	ug/l #	71
11) Tert butyl alcohol	5.548	59	1177	2.714	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	1671	0.680	ug/l #	47
13) Acrolein	4.196	56	2739	4.207	ug/l #	60
14) Allyl chloride	5.025	41	2438	0.573	ug/l #	54
15) Acrylonitrile	5.725	53	6938	4.508	ug/l #	67
16) Acetone	4.443	43	5622	3.831	ug/l	97
17) Carbon Disulfide	4.713	76	5134	0.792	ug/l #	73
18) Methyl Acetate	5.043	43	2553	0.533	ug/l	92
19) Methyl tert-butyl Ether	5.813	73	6692	0.808	ug/l	97
20) Methylene Chloride	5.301	84	2310	0.751	ug/l #	39
21) trans-1,2-Dichloroethene	5.801	96	2070	0.749	ug/l #	83
22) Diisopropyl ether	6.678	45	3703	0.371	ug/l #	52
23) Vinyl Acetate	6.613	43	22521	3.813	ug/l	98
24) 1,1-Dichloroethane	6.572	63	4455	0.814	ug/l #	78
25) 2-Butanone	7.501	43	9780	4.517	ug/l #	73
26) 2,2-Dichloropropane	7.495	77	3197	0.810	ug/l #	68
27) cis-1,2-Dichloroethene	7.501	96	2734	0.834	ug/l	94
28) Bromochloromethane	7.813	49	2586	0.993	ug/l #	87
29) Tetrahydrofuran	7.860	42	6513	4.605	ug/l	95
30) Chloroform	7.972	83	4719	0.863	ug/l	99
31) Cyclohexane	8.236	56	10269	1.992	ug/l #	56
32) 1,1,1-Trichloroethane	8.172	97	3585	0.780	ug/l #	41
36) 1,1-Dichloropropene	8.378	75	3329	0.826	ug/l	91
37) Ethyl Acetate	7.572	43	3994	0.942	ug/l #	79
38) Carbon Tetrachloride	8.366	117	3505	0.862	ug/l #	72
39) Methylcyclohexane	9.613	83	2710	0.591	ug/l #	75
40) Benzene	8.607	78	10201	0.824	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	2392	0.973	ug/l #	71
42) 1,2-Dichloroethane	8.672	62	4151	0.961	ug/l	97
43) Isopropyl Acetate	8.695	43	5839	0.846	ug/l #	87
44) Trichloroethene	9.354	130	2721	0.930	ug/l	84
45) 1,2-Dichloropropane	9.613	63	1868	0.570	ug/l	89
46) Dibromomethane	9.713	93	2293	1.094	ug/l #	67
47) Bromodichloromethane	9.889	83	3368	0.802	ug/l #	85
48) Methyl methacrylate	9.678	41	1238	0.378	ug/l #	15
49) 1,4-Dioxane	9.701	88	953	16.819	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	15500	3.529	ug/l	100
52) Toluene	10.636	92	6185	0.827	ug/l	95
53) t-1,3-Dichloropropene	10.836	75	3015	0.744	ug/l #	49
54) cis-1,3-Dichloropropene	10.319	75	3580	0.765	ug/l #	84
55) 1,1,2-Trichloroethane	11.024	97	2650	0.872	ug/l #	81
56) Ethyl methacrylate	10.883	69	3363	0.786	ug/l #	83
57) 1,3-Dichloropropane	11.160	76	4313	0.826	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	5124	2.615	ug/l #	89
59) 2-Hexanone	11.195	43	11300	3.568	ug/l	96
60) Dibromochloromethane	11.360	129	2671	0.834	ug/l	87
61) 1,2-Dibromoethane	11.466	107	1967	0.646	ug/l	84
64) Tetrachloroethene	11.101	164	1870	0.799	ug/l #	49
65) Chlorobenzene	11.889	112	6870	0.872	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.960	131	2002	0.700	ug/l #	59
67) Ethyl Benzene	11.966	91	9730	0.725	ug/l	90
68) m/p-Xylenes	12.077	106	7121	1.377	ug/l	100
69) o-Xylene	12.395	106	3793	0.752	ug/l	74
70) Styrene	12.419	104	5409	0.663	ug/l	93
71) Bromoform	12.583	173	1265	0.603	ug/l #	80
73) Isopropylbenzene	12.701	105	8643	0.837	ug/l	100
74) N-amyl acetate	12.489	43	3322	0.714	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.942	83	4541	1.215	ug/l	92
76) 1,2,3-Trichloropropane	12.995	75	3470	1.218	ug/l	69
77) Bromobenzene	12.983	156	2477	0.961	ug/l	94
78) n-propylbenzene	13.036	91	9451	0.779	ug/l	95
79) 2-Chlorotoluene	13.130	91	7333	0.987	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	5952	0.697	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.848	75	86507	88.438	ug/l #	4
82) 4-Chlorotoluene	13.130	91	7333	0.987	ug/l	99
83) tert-Butylbenzene	13.436	119	6246	0.809	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	5819	0.684	ug/l	91
85) sec-Butylbenzene	13.613	105	7165	0.665	ug/l	98
86) p-Isopropyltoluene	13.730	119	5342	0.621	ug/l	98
87) 1,3-Dichlorobenzene	13.742	146	3612	0.741	ug/l	88
88) 1,4-Dichlorobenzene	13.742	146	3612	0.745	ug/l	89
89) n-Butylbenzene	14.060	91	4868	0.650	ug/l	99
90) Hexachloroethane	14.330	117	1788	0.992	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	3804	0.762	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.712	75	808	1.115	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.401	180	1751	0.703	ug/l	88
94) Hexachlorobutadiene	15.507	225	972	0.796	ug/l	74
95) Naphthalene	15.642	128	4889	0.647	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.848	180	1599	0.663	ug/l #	82

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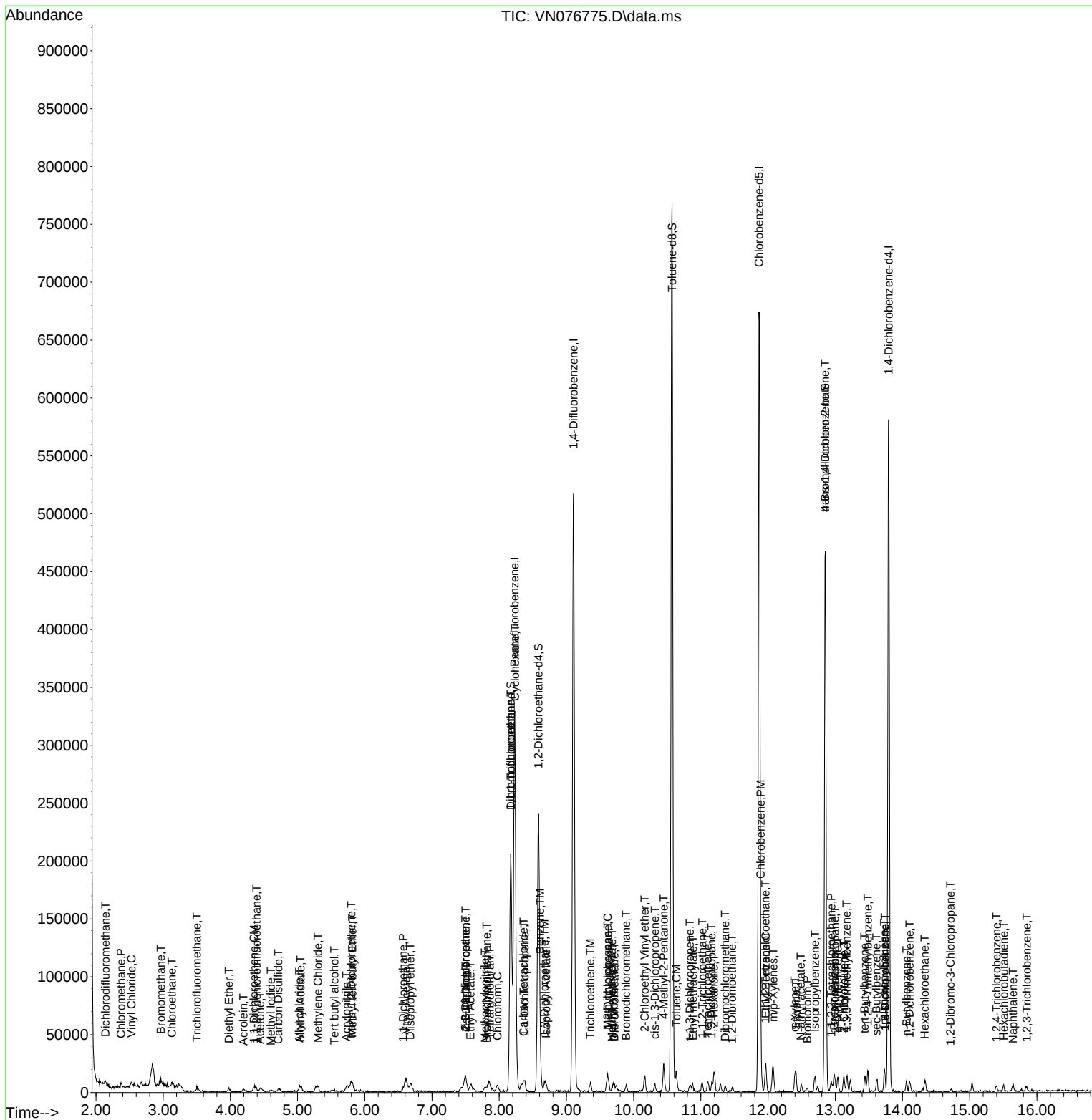
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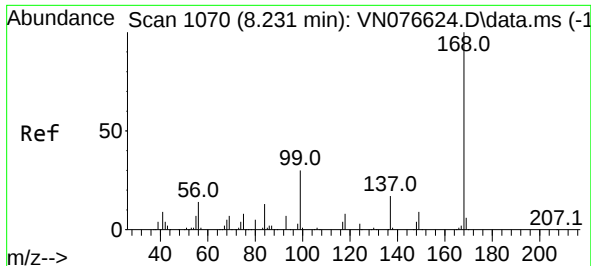
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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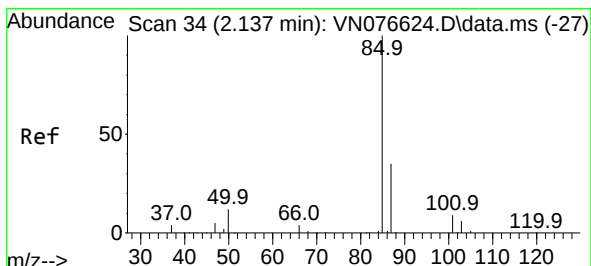
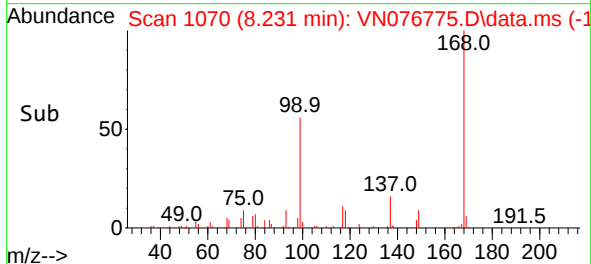
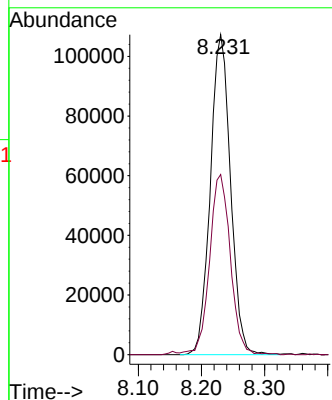
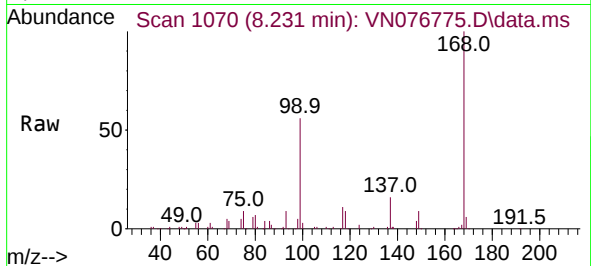




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076775.D
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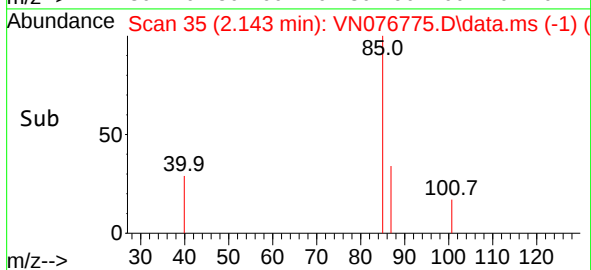
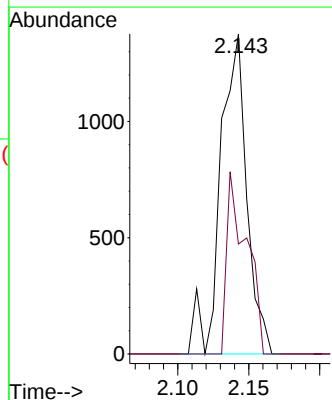
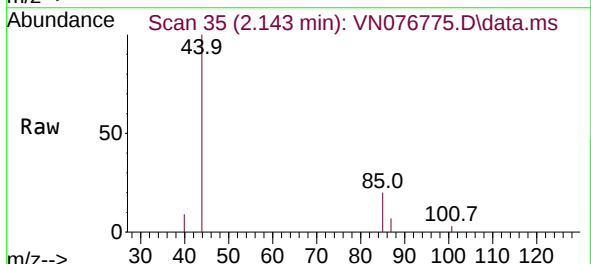
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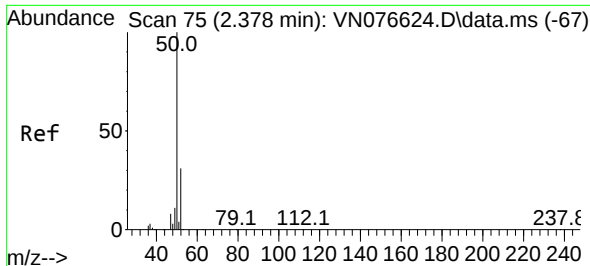
Tgt Ion:168 Resp: 237946
Ion Ratio Lower Upper
168 100
99 56.3 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 85 Resp: 1781
Ion Ratio Lower Upper
85 100
87 34.4 17.4 52.2

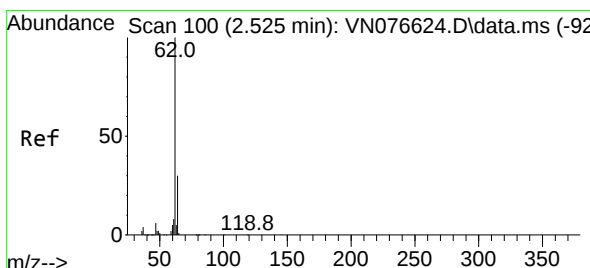
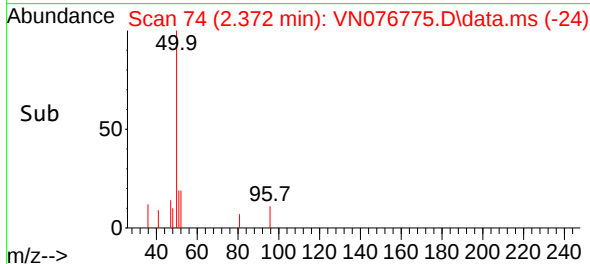
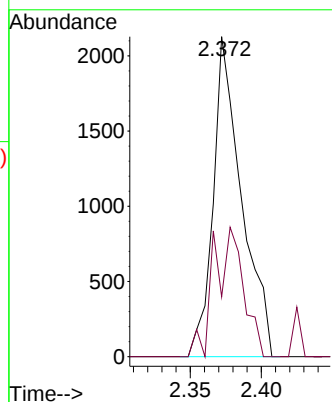
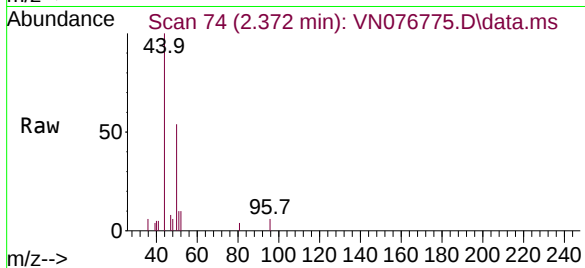




#3
Chloromethane
Concen: 0.897 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

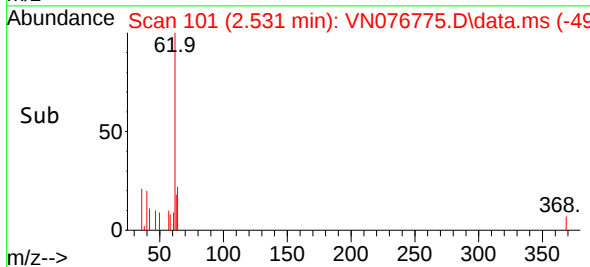
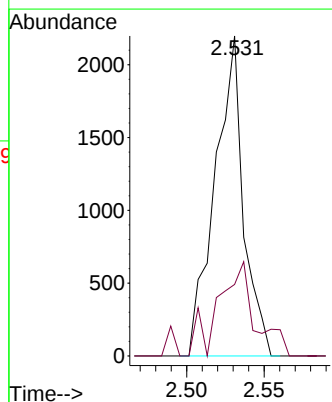
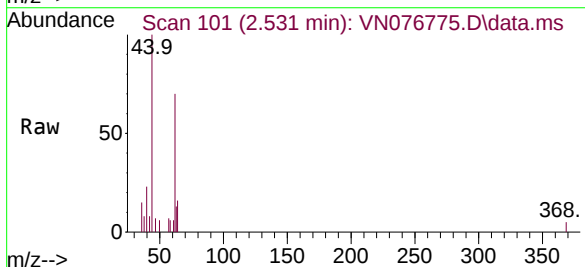
Instrument :
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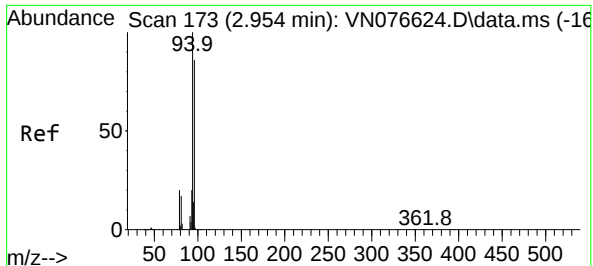
Tgt Ion: 50 Resp: 2958
Ion Ratio Lower Upper
50 100
52 18.7 24.7 37.1#



#4
Vinyl Chloride
Concen: 0.866 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 62 Resp: 2809
Ion Ratio Lower Upper
62 100
64 22.3 23.9 35.9#

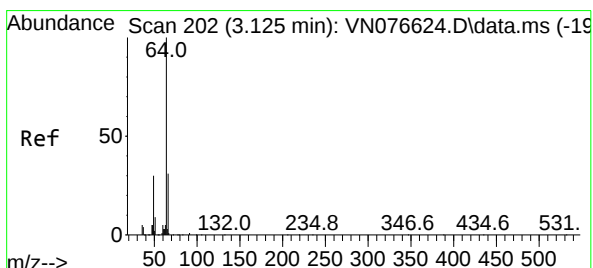
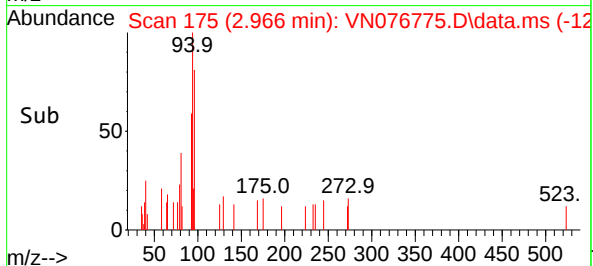
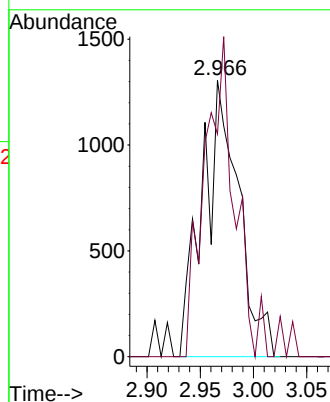
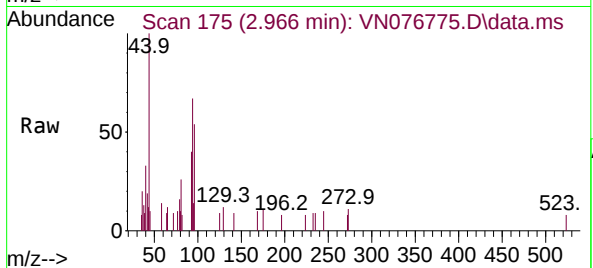




#5
Bromomethane
Concen: 1.585 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

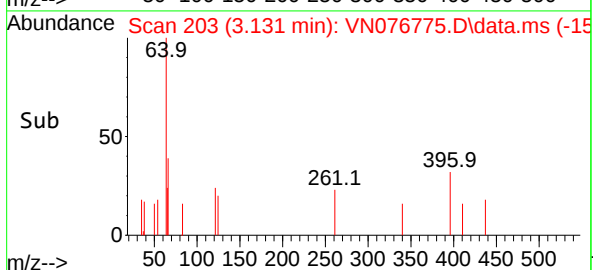
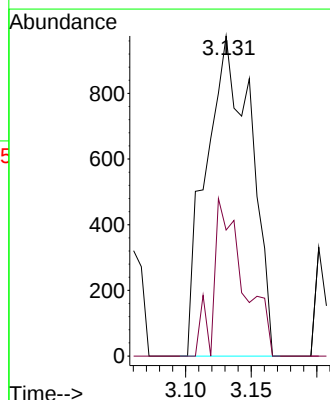
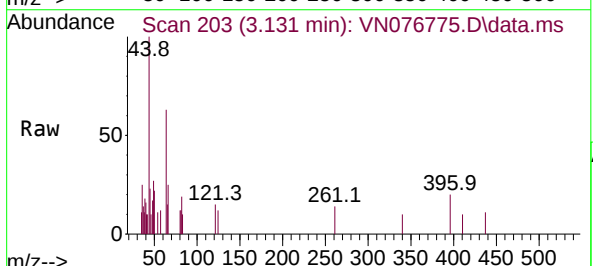
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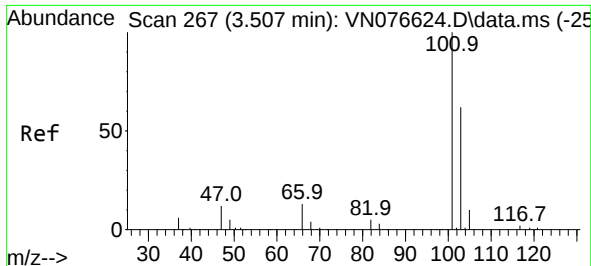
Tgt Ion: 94 Resp: 3116
Ion Ratio Lower Upper
94 100
96 80.6 69.0 103.4



#6
Chloroethane
Concen: 1.134 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 64 Resp: 2326
Ion Ratio Lower Upper
64 100
66 39.4 24.6 37.0#

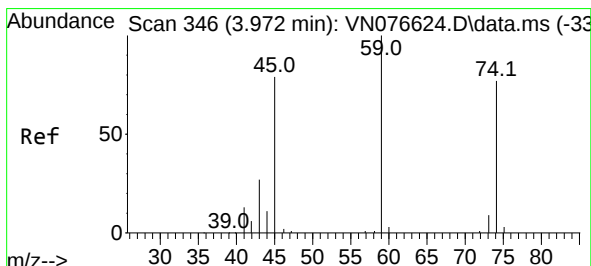
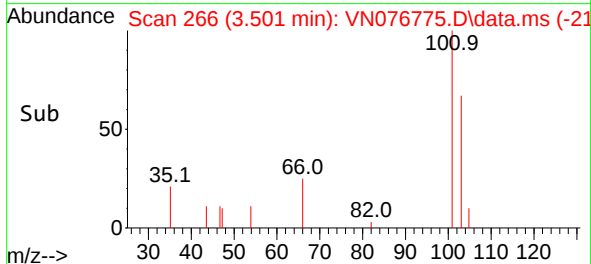
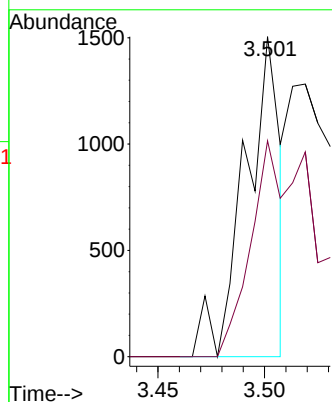
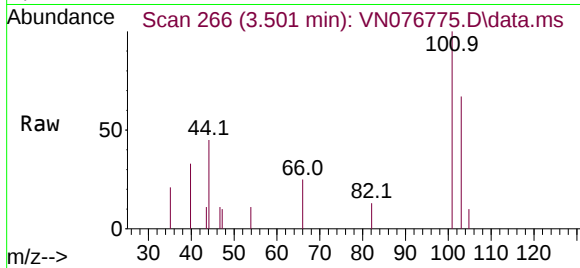




#7
 Trichlorofluoromethane
 Concen: 0.394 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

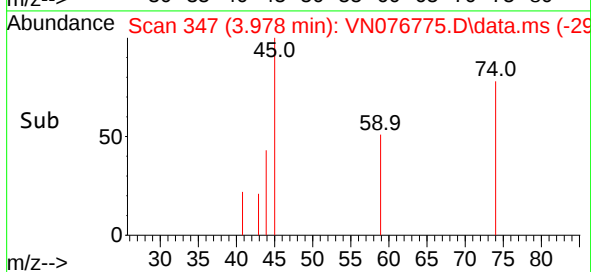
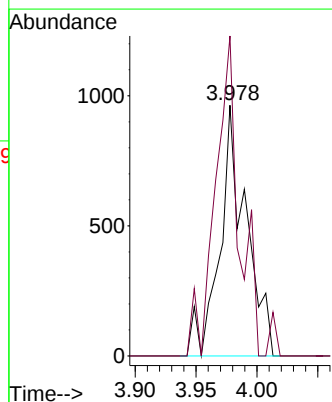
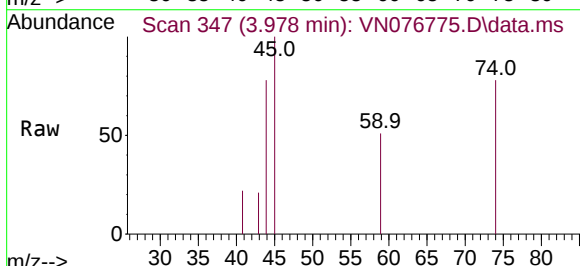
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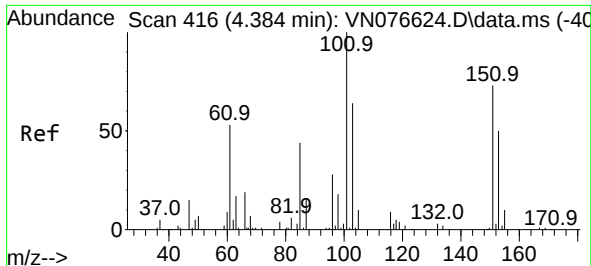
Tgt Ion:101 Resp: 1739
 Ion Ratio Lower Upper
 101 100
 103 67.4 49.4 74.2



#8
 Diethyl Ether
 Concen: 0.847 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

Tgt Ion: 74 Resp: 1440
 Ion Ratio Lower Upper
 74 100
 45 116.0 51.3 153.9

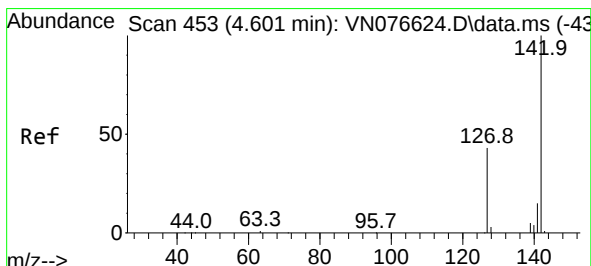
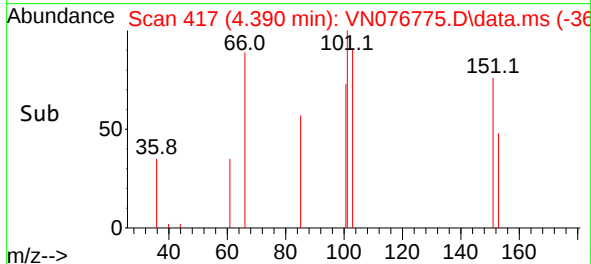
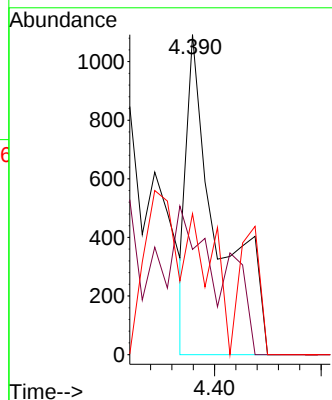
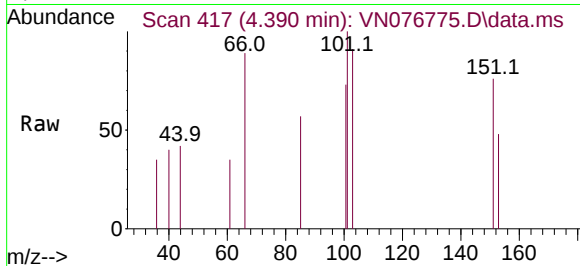




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.424 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

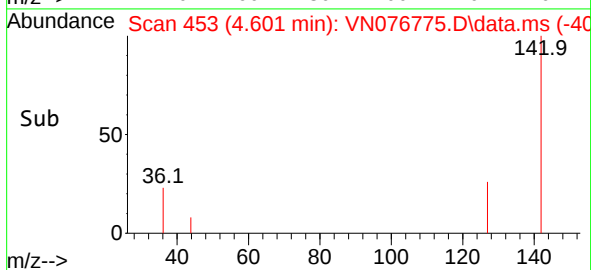
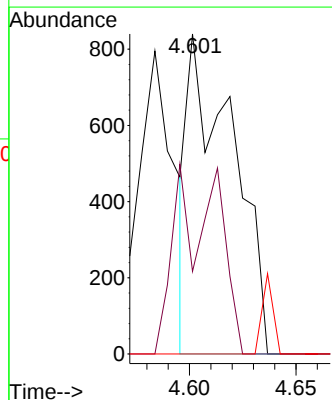
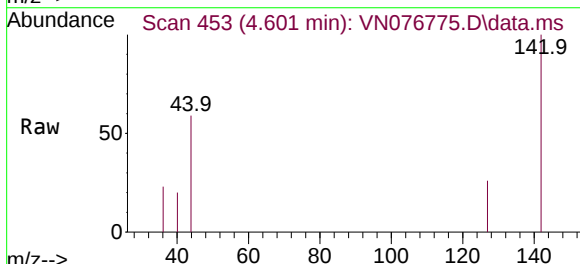
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

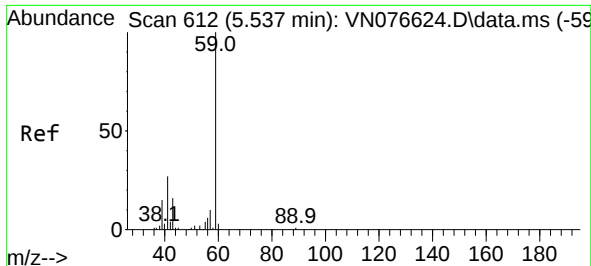
Tgt Ion:101 Resp: 1100
Ion Ratio Lower Upper
101 100
85 66.7 37.4 56.0#
151 53.0 58.7 88.1#



#10
Methyl Iodide
Concen: 0.382 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:142 Resp: 1224
Ion Ratio Lower Upper
142 100
127 25.8 34.6 51.8#
141 0.0 11.7 17.5#

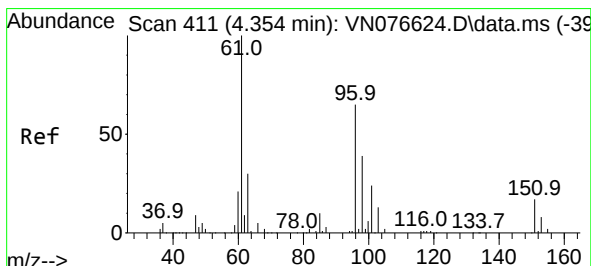
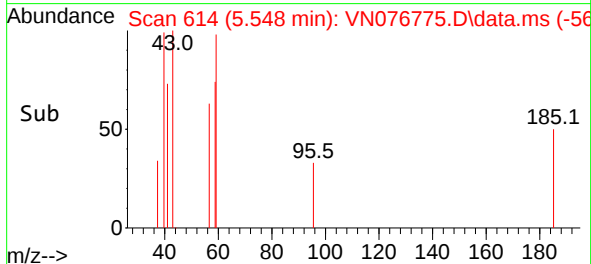
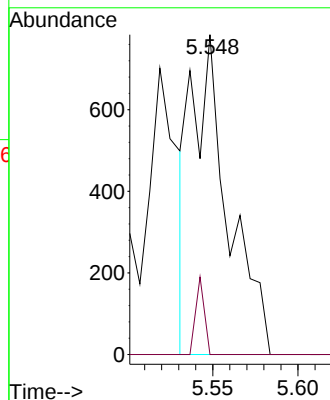
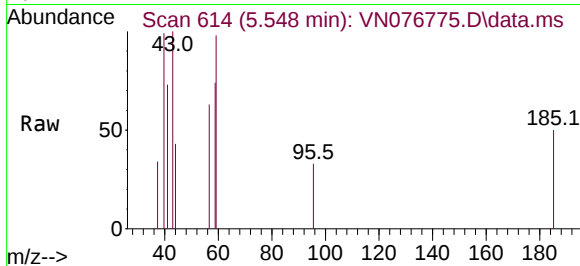




#11
Tert butyl alcohol
Concen: 2.714 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

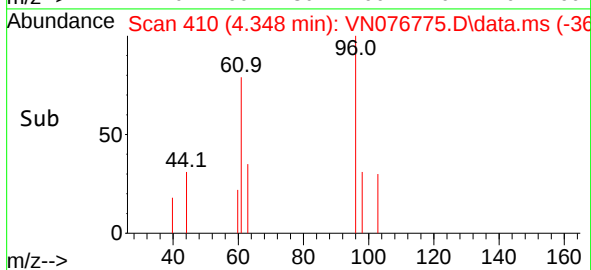
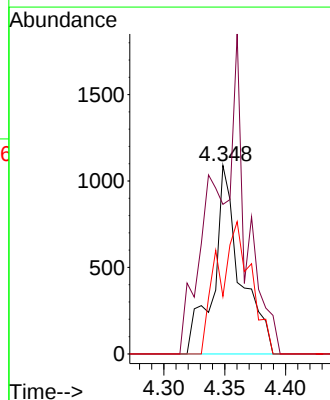
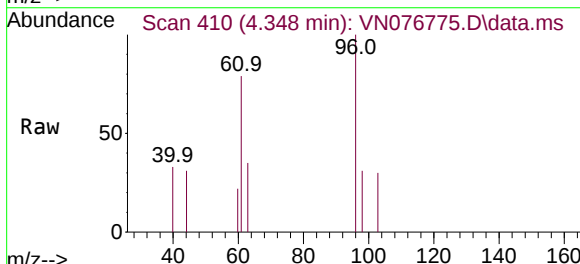
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

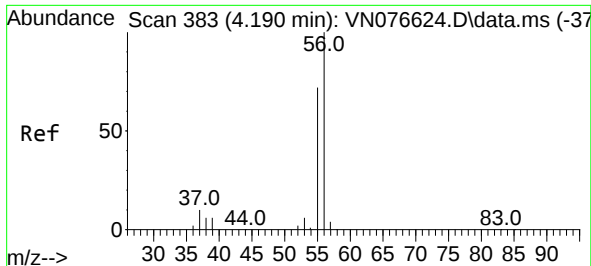
Tgt Ion: 59 Resp: 1177
Ion Ratio Lower Upper
59 100
57 5.7 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.680 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 96 Resp: 1671
Ion Ratio Lower Upper
96 100
61 79.4 123.8 185.6#
98 30.6 48.4 72.6#





#13

Acrolein

Concen: 4.207 ug/l

RT: 4.196 min Scan# 383

Delta R.T. 0.005 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

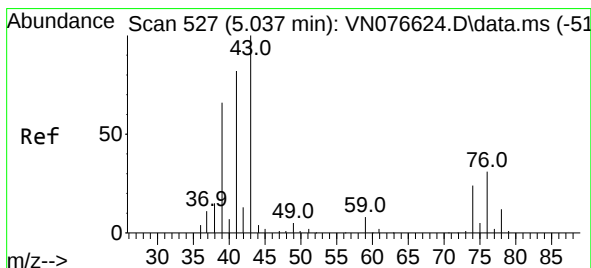
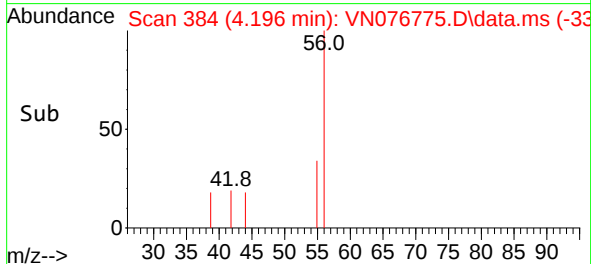
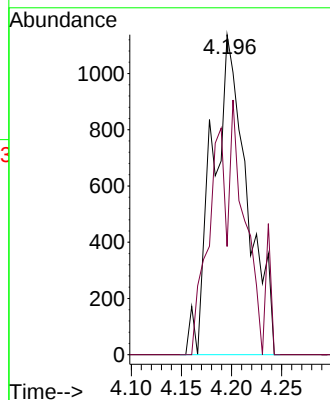
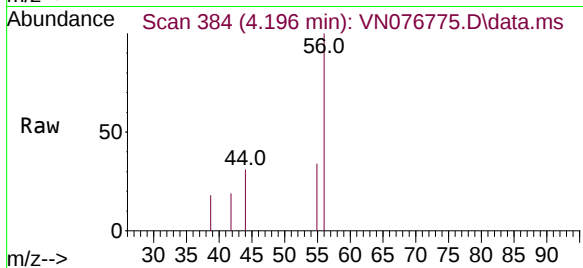
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 2739

Ion Ratio Lower Upper

56 100

55 37.5 56.3 84.5#



#14

Allyl chloride

Concen: 0.573 ug/l

RT: 5.025 min Scan# 525

Delta R.T. -0.012 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

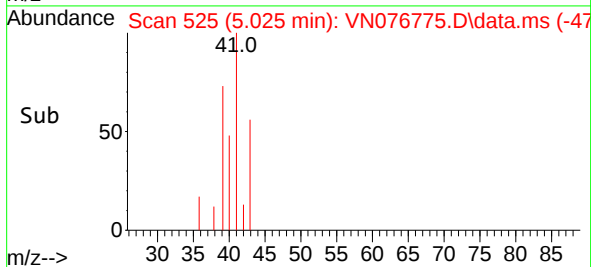
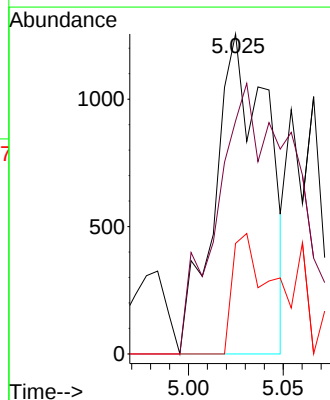
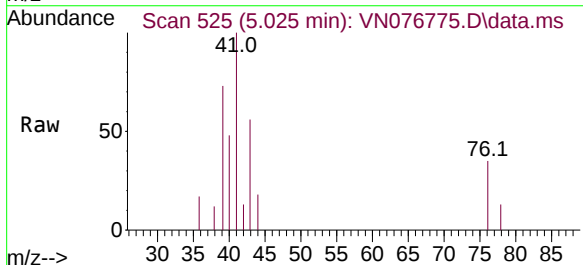
Tgt Ion: 41 Resp: 2438

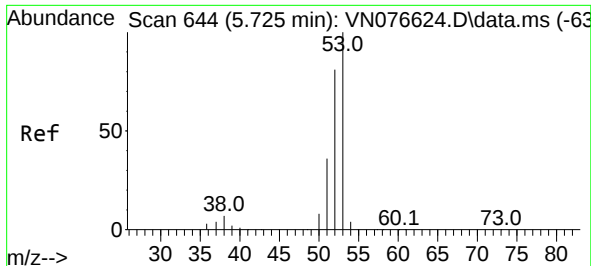
Ion Ratio Lower Upper

41 100

39 126.7 62.3 93.5#

76 21.0 27.0 40.6#

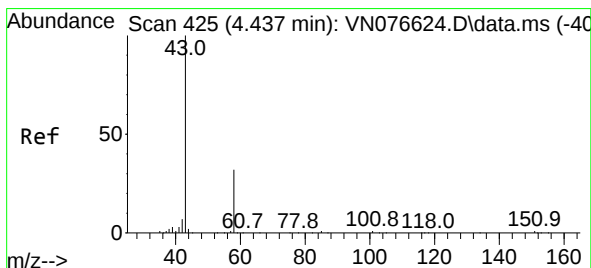
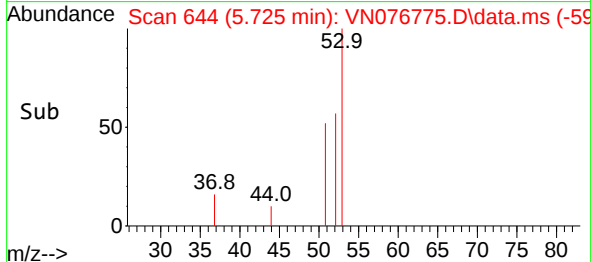
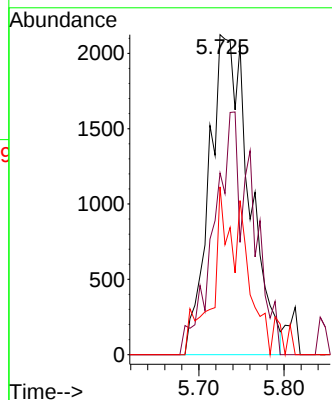
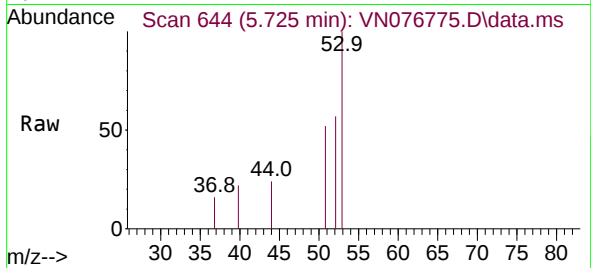




#15
Acrylonitrile
Concen: 4.508 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

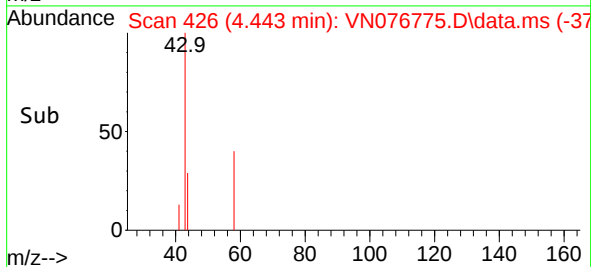
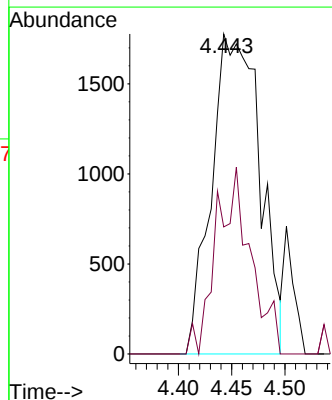
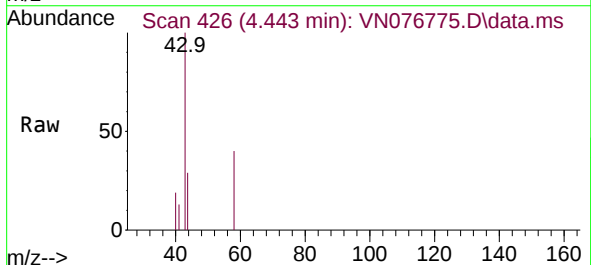
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023

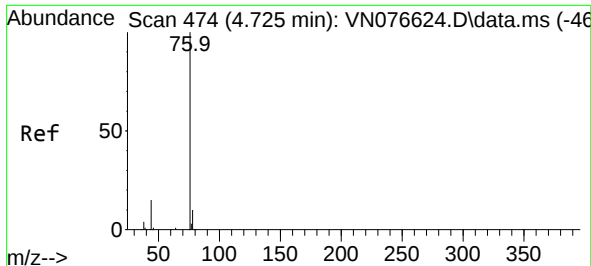
Tgt Ion: 53 Resp: 6938
Ion Ratio Lower Upper
53 100
52 46.9 65.3 97.9#
51 25.0 29.2 43.8#



#16
Acetone
Concen: 3.831 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 43 Resp: 5622
Ion Ratio Lower Upper
43 100
58 30.9 25.9 38.9

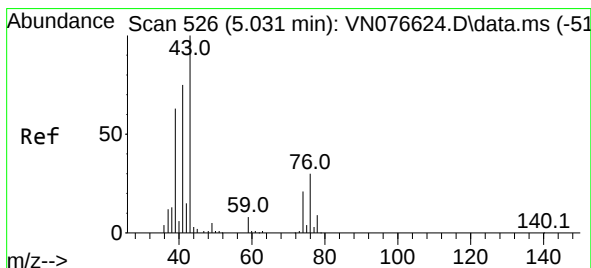
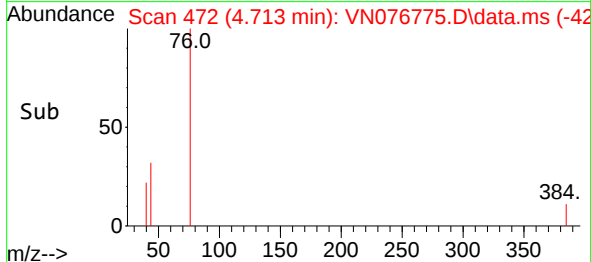
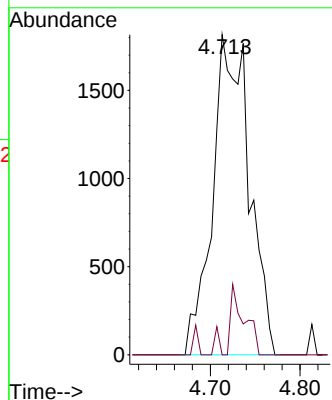
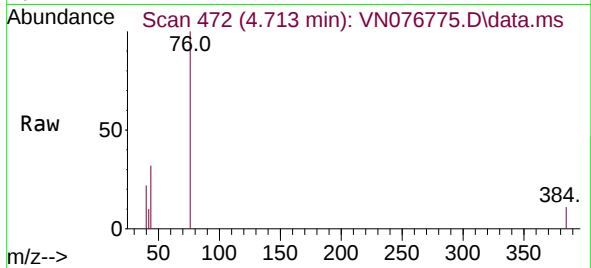




#17
Carbon Disulfide
Concen: 0.792 ug/l
RT: 4.713 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

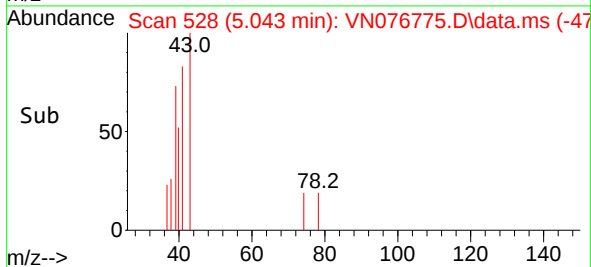
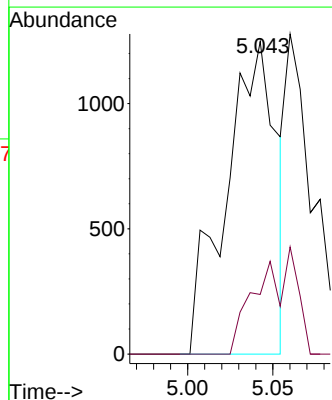
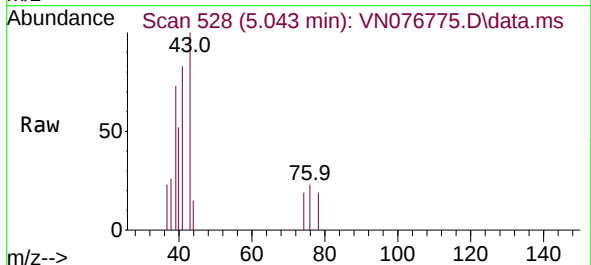
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

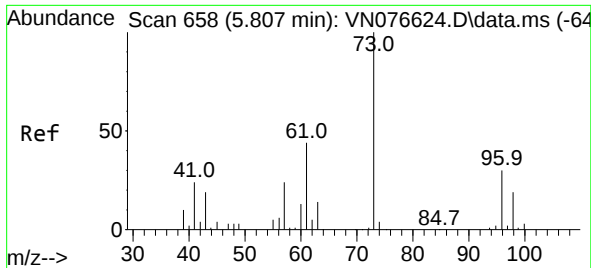
Tgt Ion: 76 Resp: 5134
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 0.533 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
74 25.9 17.7 26.5

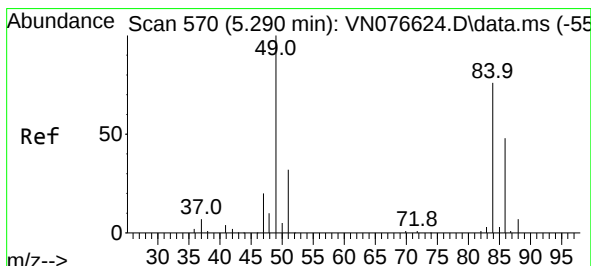
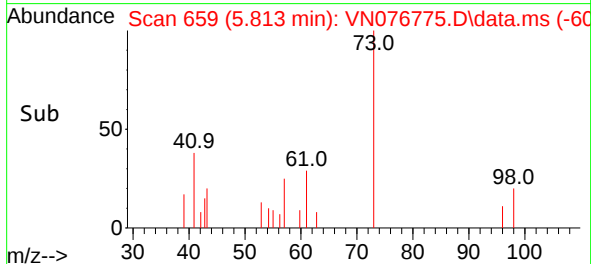
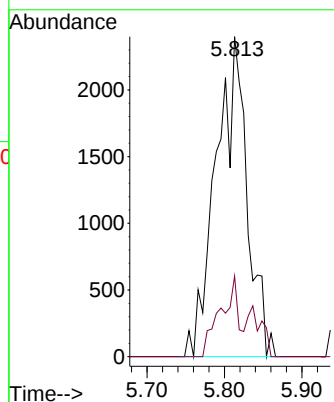
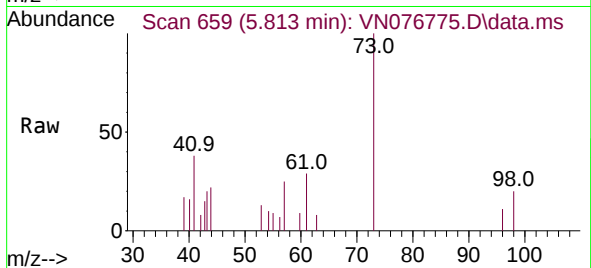




#19
Methyl tert-butyl Ether
Concen: 0.808 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

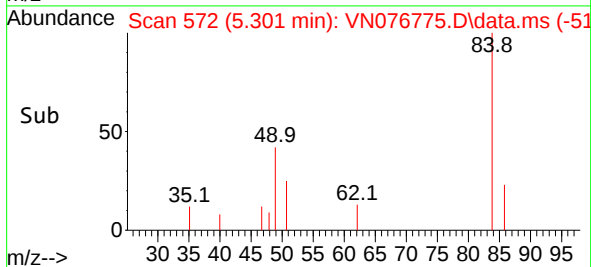
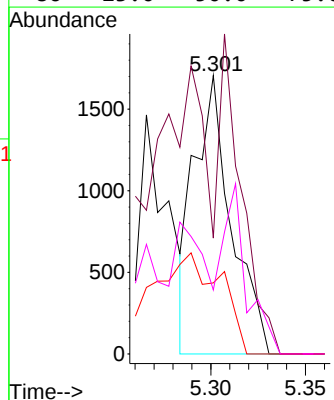
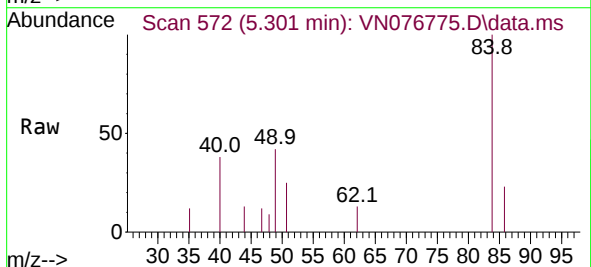
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

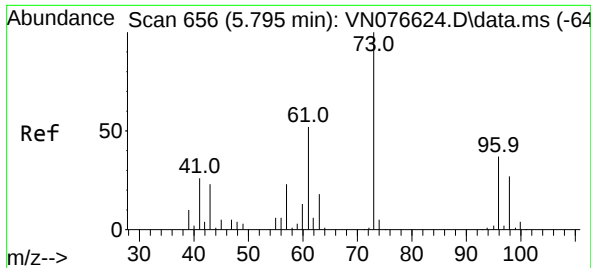
Tgt Ion: 73 Resp: 6692
Ion Ratio Lower Upper
73 100
57 25.2 19.0 28.4



#20
Methylene Chloride
Concen: 0.751 ug/l
RT: 5.301 min Scan# 572
Delta R.T. 0.011 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 84 Resp: 2310
Ion Ratio Lower Upper
84 100
49 41.6 104.9 157.3#
51 25.5 33.8 50.8#
86 23.0 50.0 75.0#

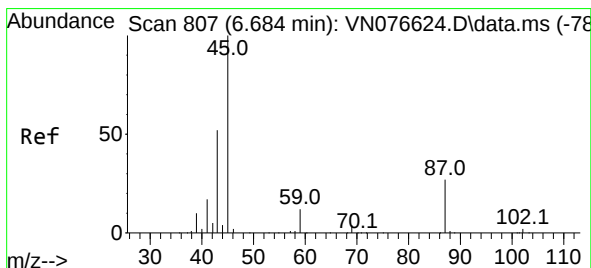
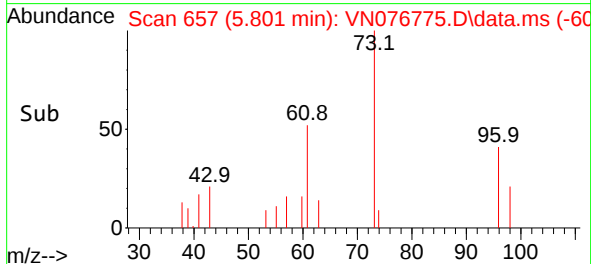
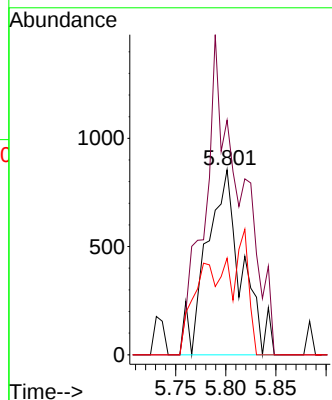
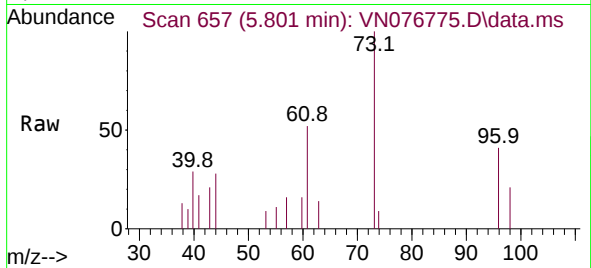




#21
trans-1,2-Dichloroethene
Concen: 0.749 ug/l
RT: 5.801 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

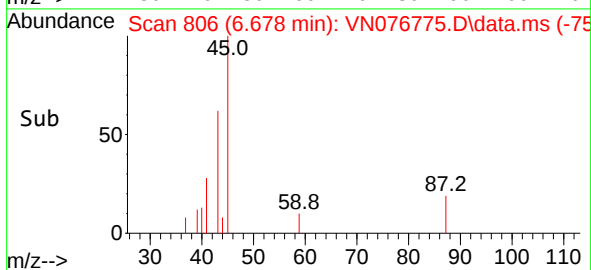
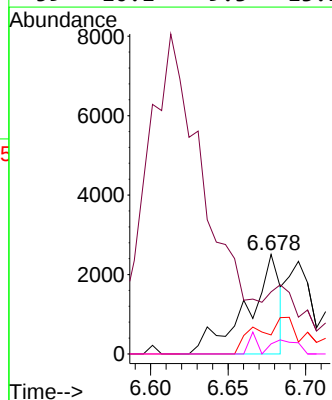
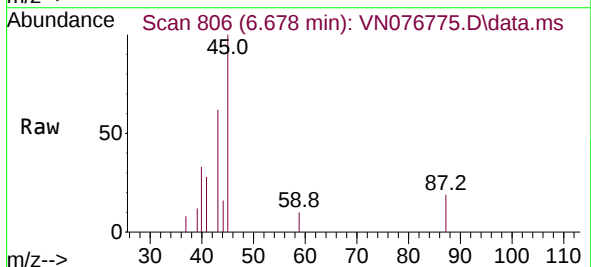
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

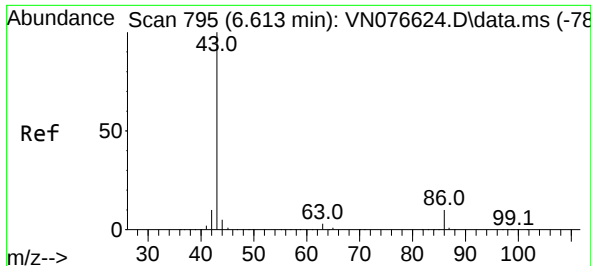
Tgt Ion: 96 Resp: 2070
Ion Ratio Lower Upper
96 100
61 126.8 113.9 170.9
98 52.2 59.4 89.0#



#22
Diisopropyl ether
Concen: 0.371 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 45 Resp: 3703
Ion Ratio Lower Upper
45 100
43 0.0 41.8 62.6#
87 19.1 21.8 32.8#
59 10.1 9.3 13.9

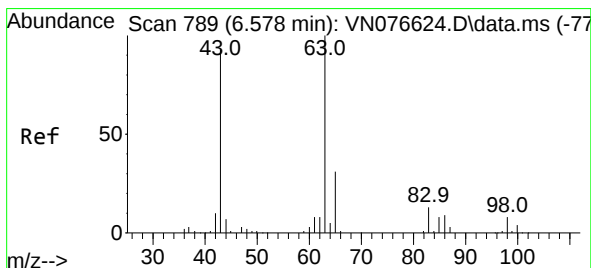
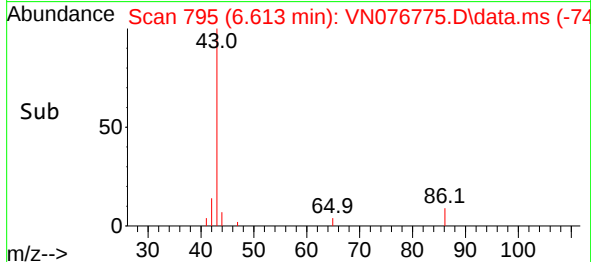
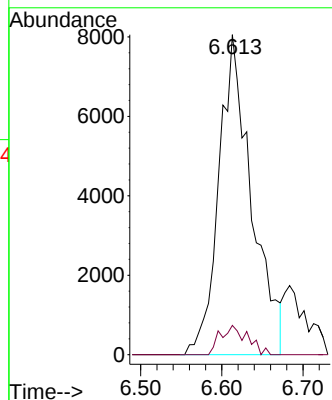
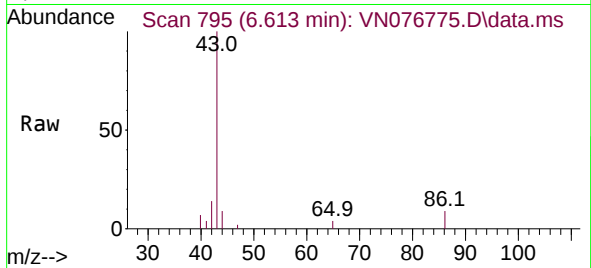




#23
 Vinyl Acetate
 Concen: 3.813 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

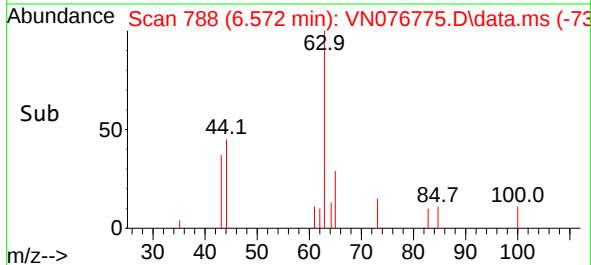
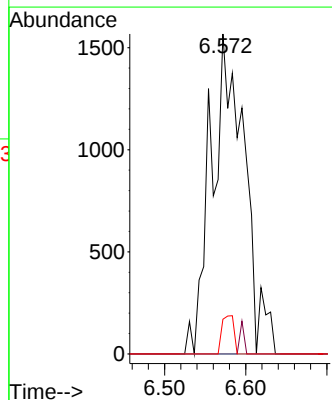
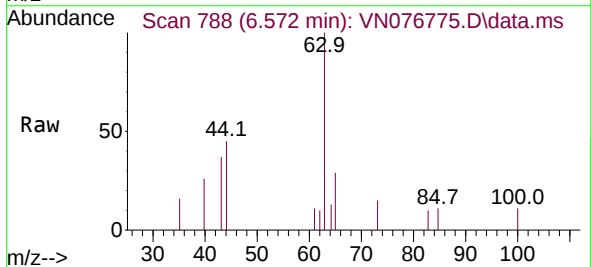
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

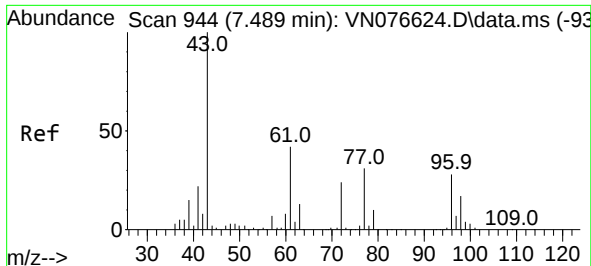
Tgt Ion: 43 Resp: 22521
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.814 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

Tgt Ion: 63 Resp: 4455
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 10.8 2.0 5.8#





#25

2-Butanone

Concen: 4.517 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.012 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

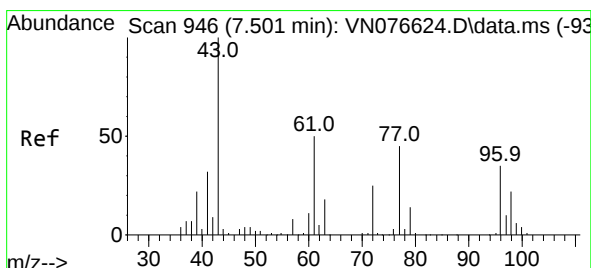
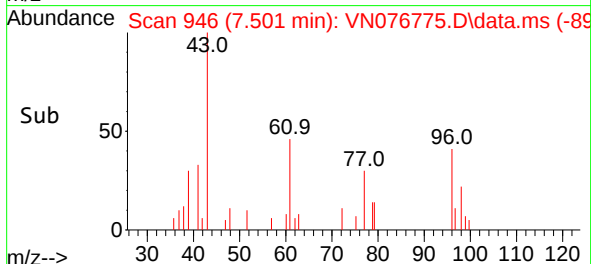
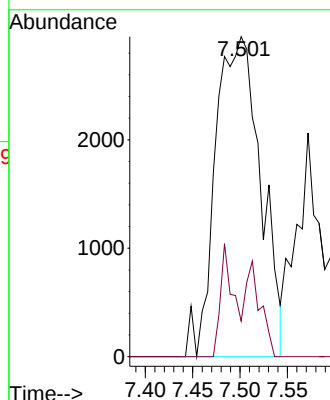
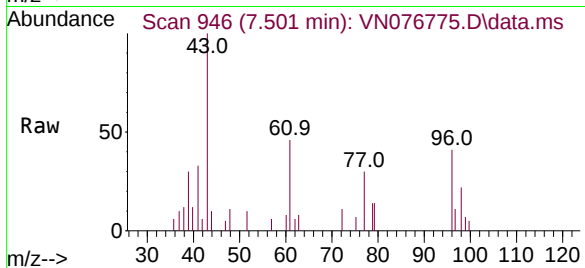
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 9780

Ion Ratio Lower Upper

43 100

72 11.1 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.810 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN076775.D

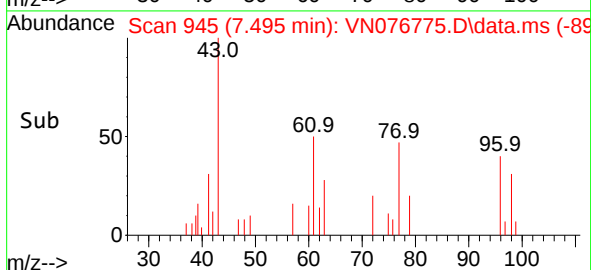
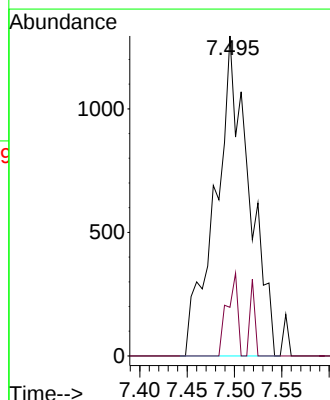
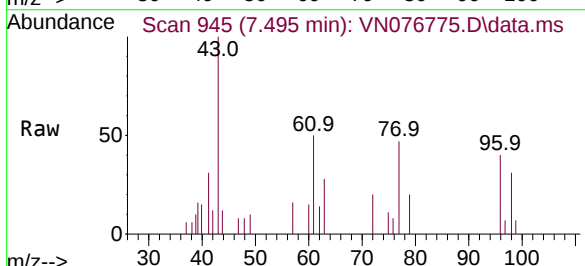
Acq: 22 Feb 2023 16:53

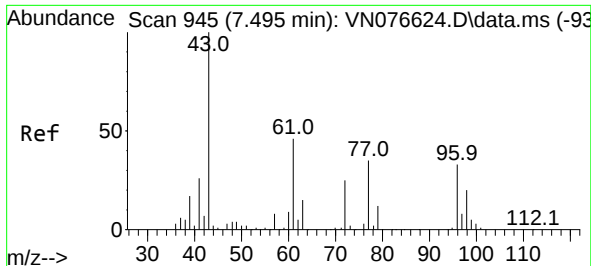
Tgt Ion: 77 Resp: 3197

Ion Ratio Lower Upper

77 100

97 8.1 11.9 35.7#





#27

cis-1,2-Dichloroethene

Concen: 0.834 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

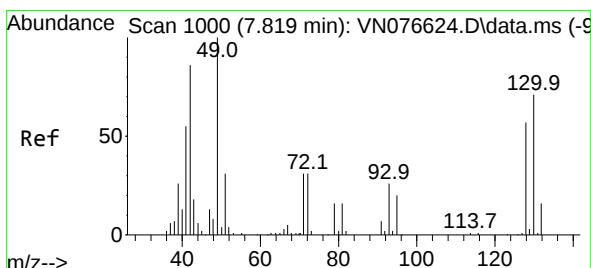
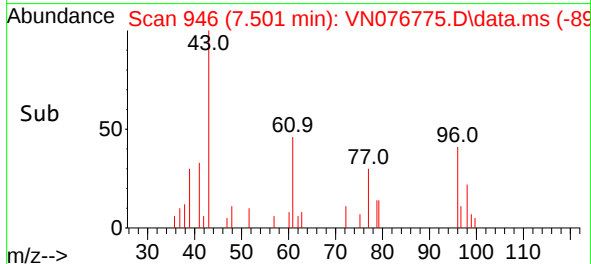
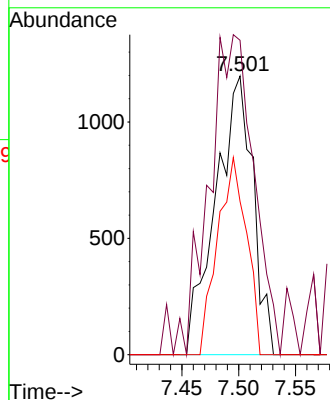
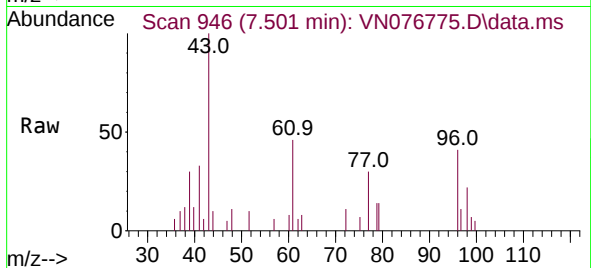
Tgt Ion: 96 Resp: 2734

Ion Ratio Lower Upper

96 100

61 138.0 0.0 286.8

98 54.9 0.0 124.0



#28

Bromochloromethane

Concen: 0.993 ug/l

RT: 7.813 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

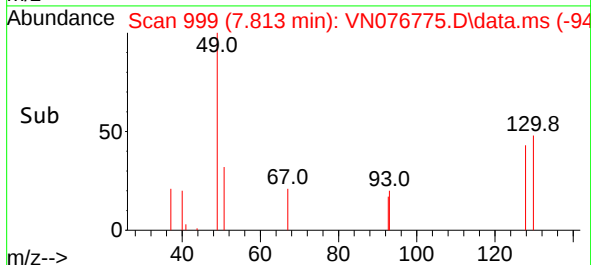
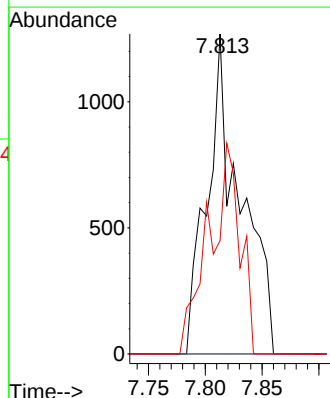
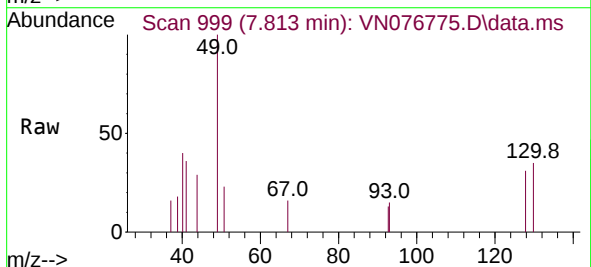
Tgt Ion: 49 Resp: 2586

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 61.3 57.8 86.8





#29

Tetrahydrofuran

Concen: 4.605 ug/l

RT: 7.860 min Scan# 1007

Delta R.T. 0.018 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

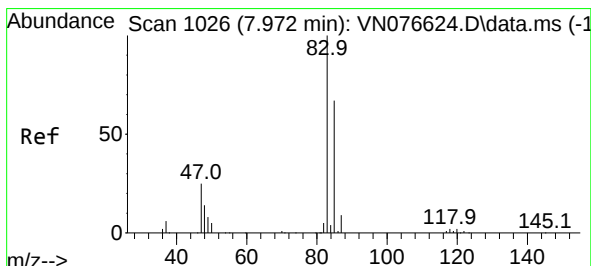
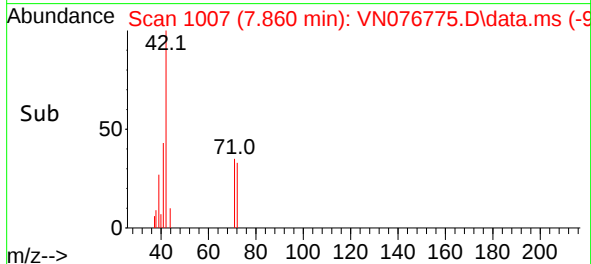
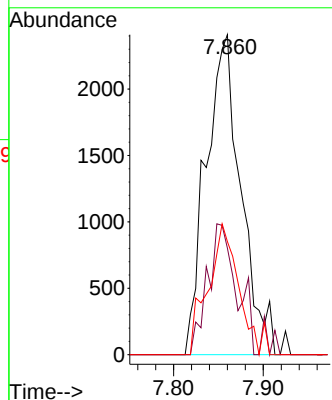
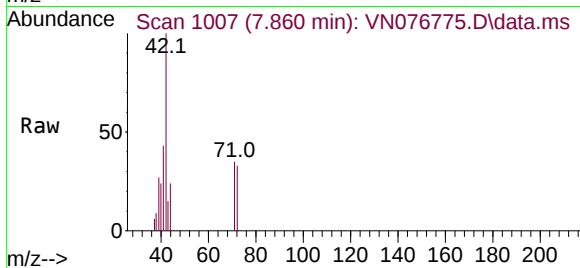
Tgt Ion: 42 Resp: 6513

Ion Ratio Lower Upper

42 100

72 34.0 31.5 47.3

71 36.2 29.8 44.8



#30

Chloroform

Concen: 0.863 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076775.D

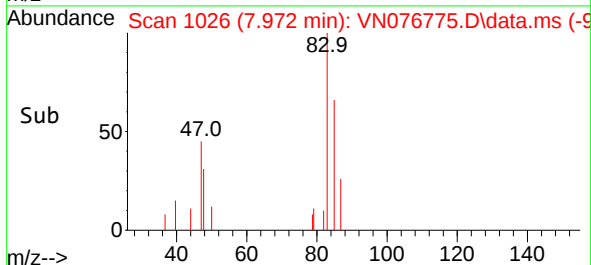
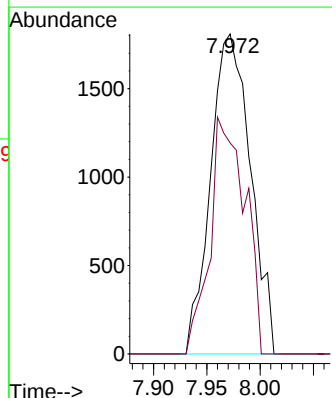
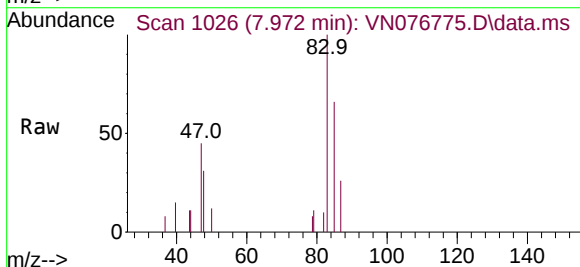
Acq: 22 Feb 2023 16:53

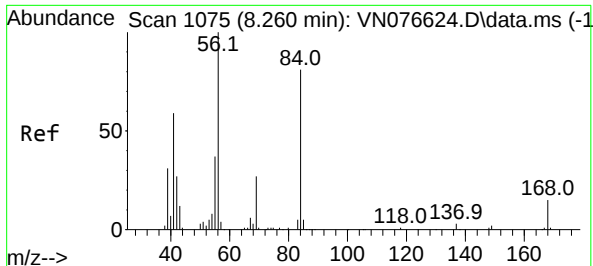
Tgt Ion: 83 Resp: 4719

Ion Ratio Lower Upper

83 100

85 65.9 53.5 80.3

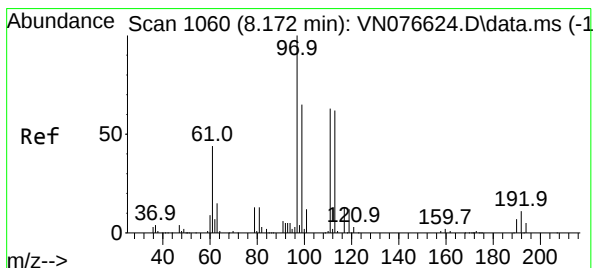
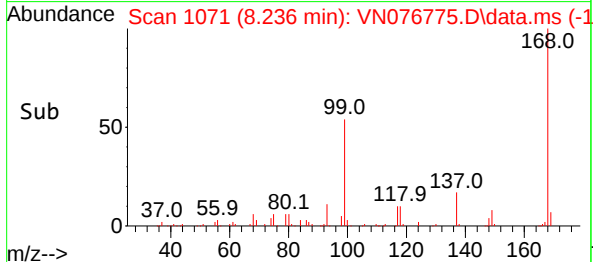
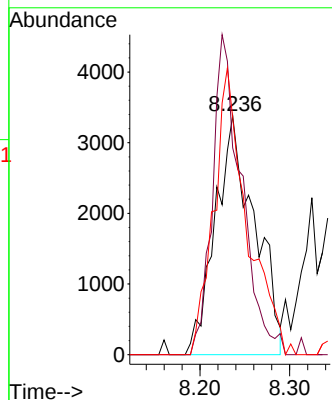
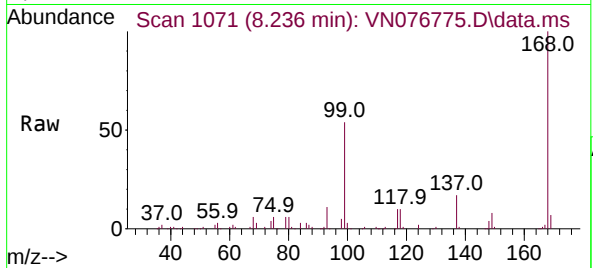




#31
Cyclohexane
Concen: 1.992 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

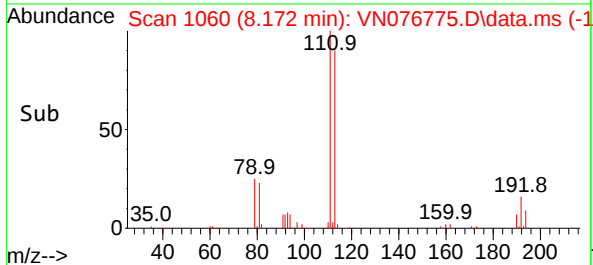
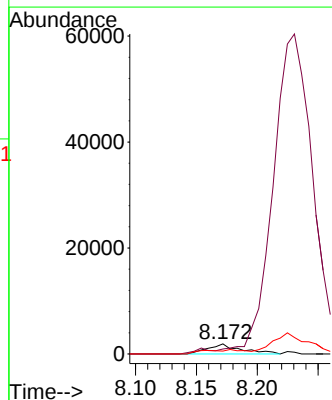
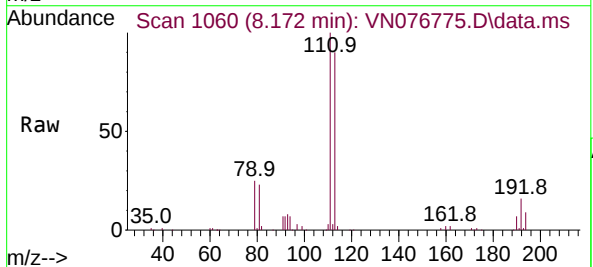
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

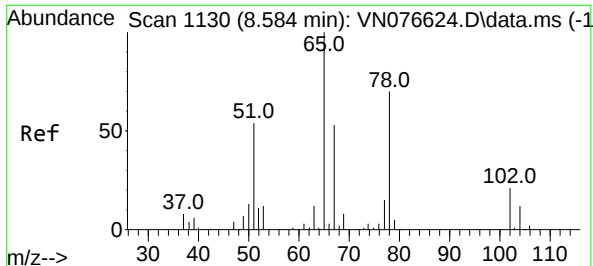
Tgt Ion: 56 Resp: 10269
Ion Ratio Lower Upper
56 100
69 86.6 21.6 32.4#
84 99.1 65.1 97.7#



#32
1,1,1-Trichloroethane
Concen: 0.780 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 97 Resp: 3585
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 28.2 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 55.305 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

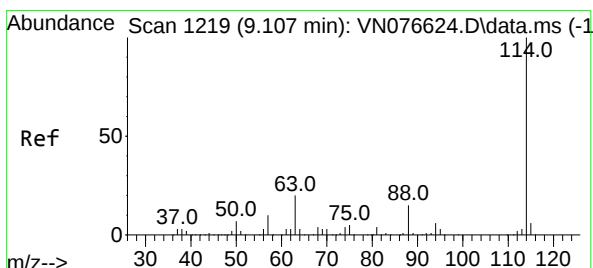
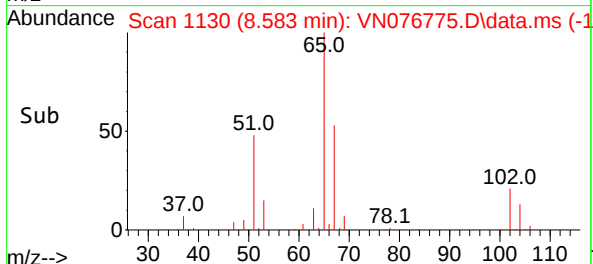
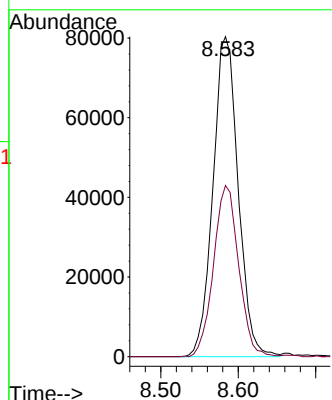
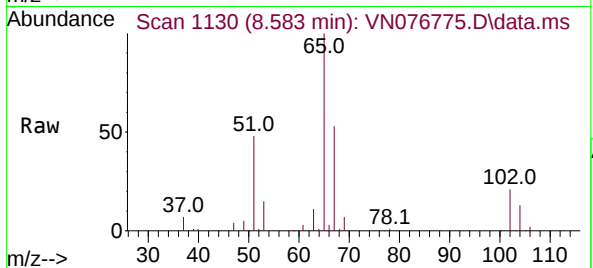
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 181714

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

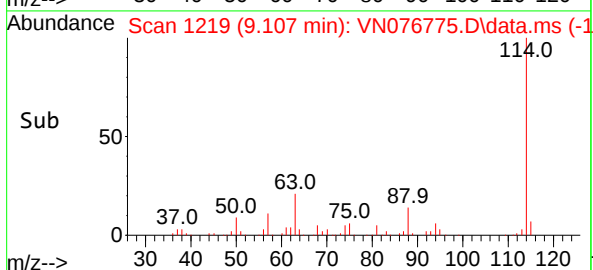
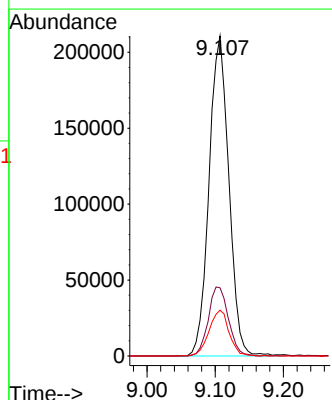
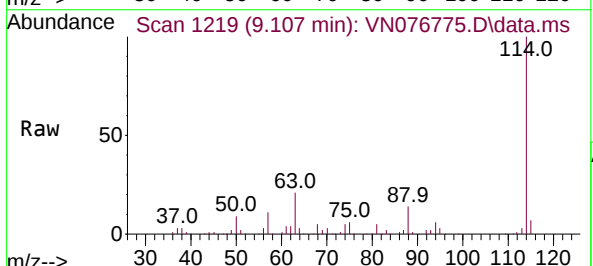
Tgt Ion: 114 Resp: 426117

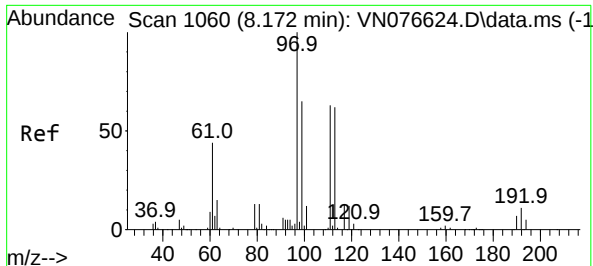
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.231 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

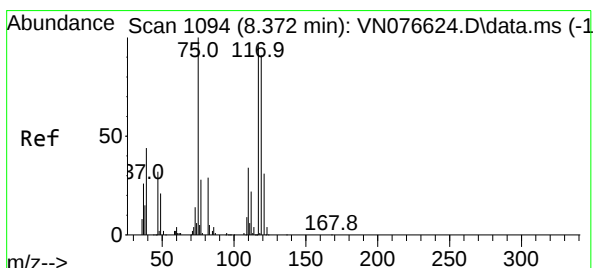
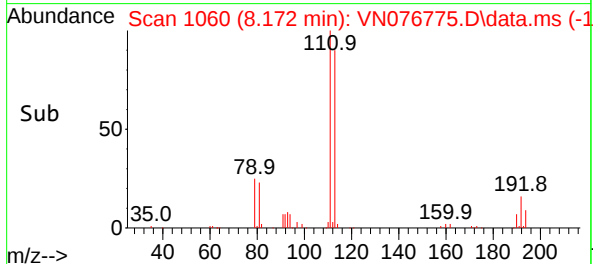
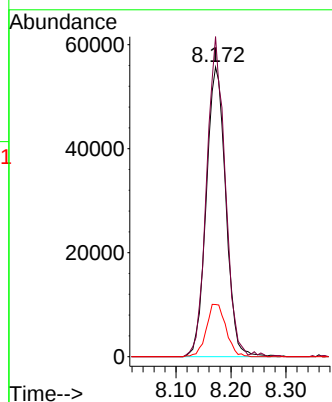
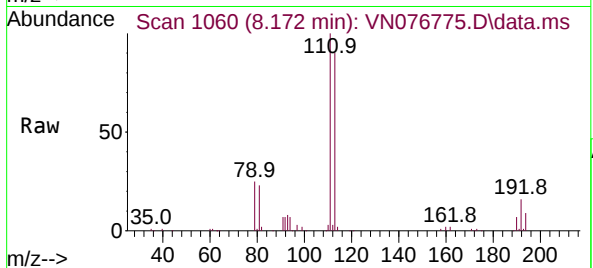
Tgt Ion:113 Resp: 137381

Ion Ratio Lower Upper

113 100

111 104.8 83.1 124.7

192 18.2 15.6 23.4



#36

1,1-Dichloropropene

Concen: 0.826 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

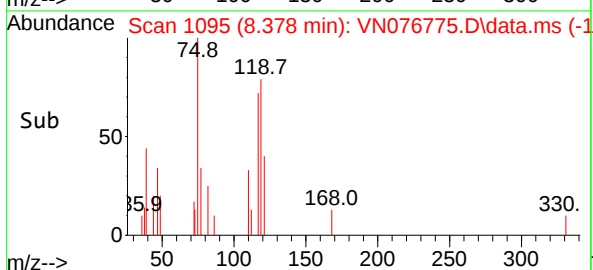
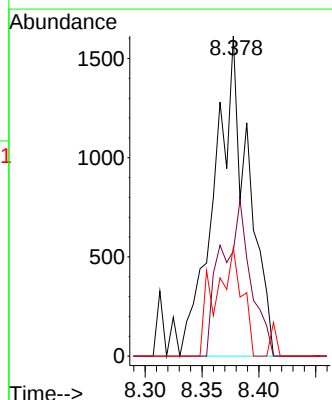
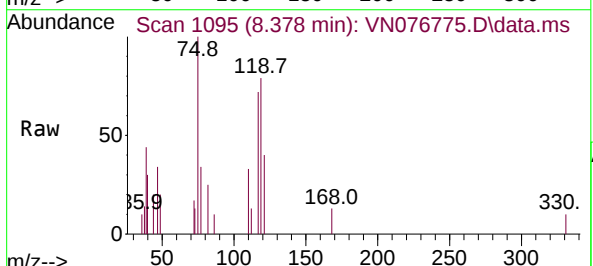
Tgt Ion: 75 Resp: 3329

Ion Ratio Lower Upper

75 100

110 41.6 17.5 52.5

77 26.8 24.5 36.7

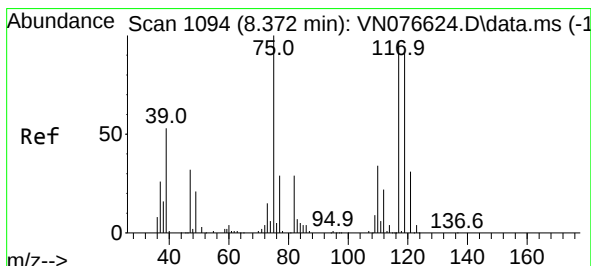
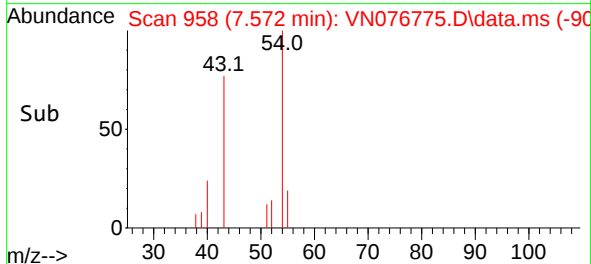
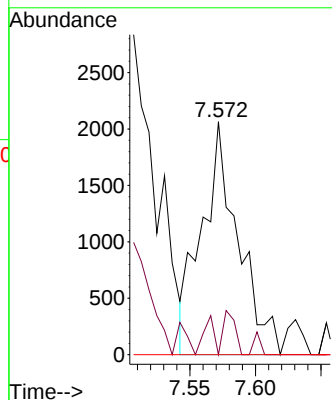
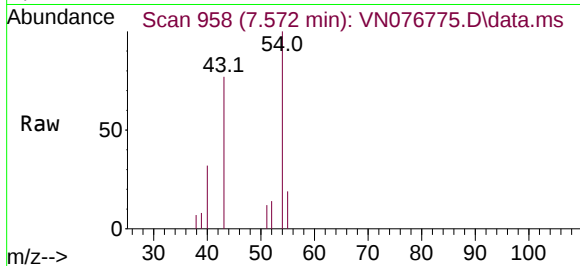




#37
Ethyl Acetate
Concen: 0.942 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

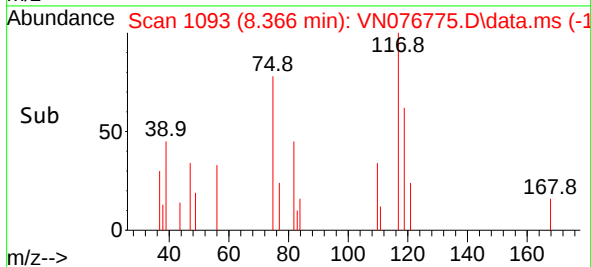
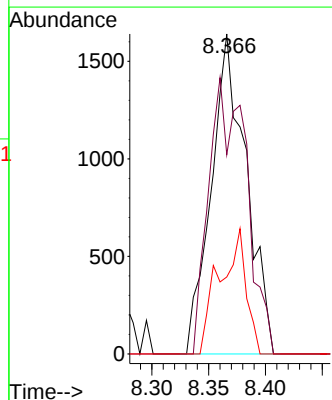
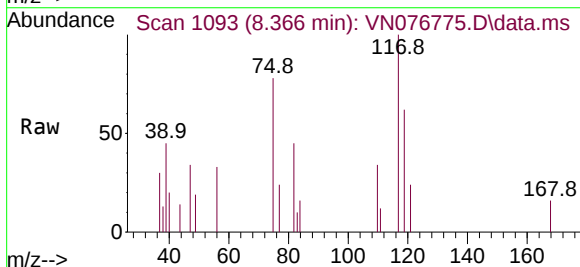
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

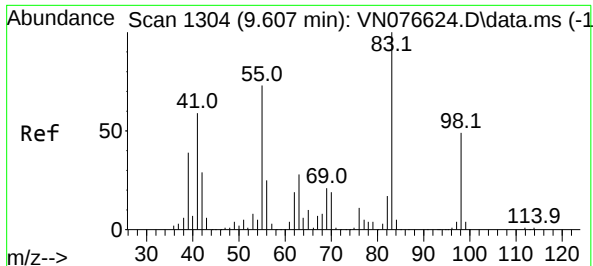
Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
61 6.2 9.9 14.9#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 0.862 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 117 Resp: 3505
Ion Ratio Lower Upper
117 100
119 62.3 75.4 113.0#
121 24.1 26.0 39.0#





#39

Methylcyclohexane

Concen: 0.591 ug/l

RT: 9.613 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

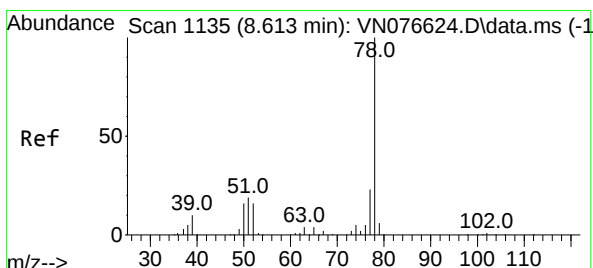
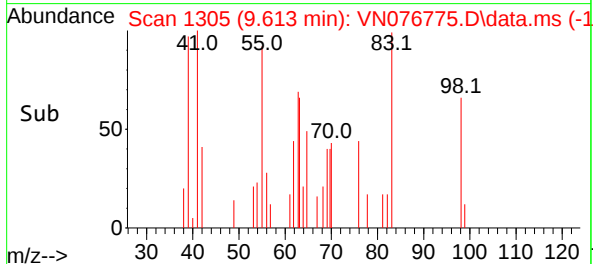
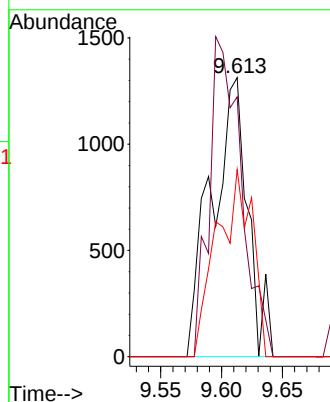
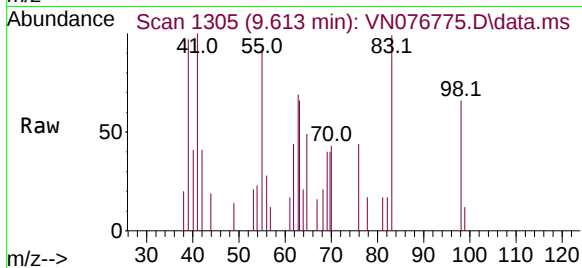
Tgt Ion: 83 Resp: 2710

Ion Ratio Lower Upper

83 100

55 93.1 58.6 88.0#

98 67.0 39.4 59.2#



#40

Benzene

Concen: 0.824 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN076775.D

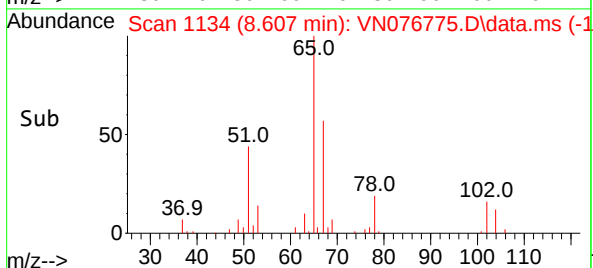
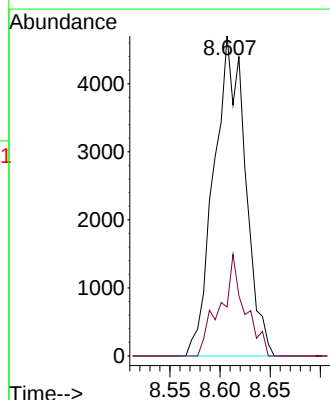
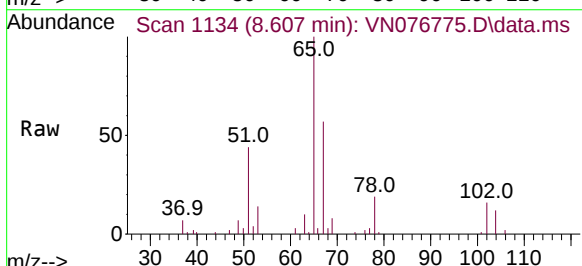
Acq: 22 Feb 2023 16:53

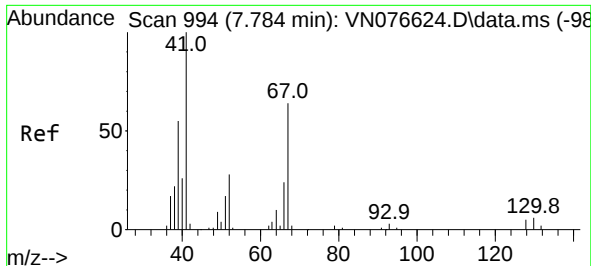
Tgt Ion: 78 Resp: 10201

Ion Ratio Lower Upper

78 100

77 15.3 18.2 27.4#

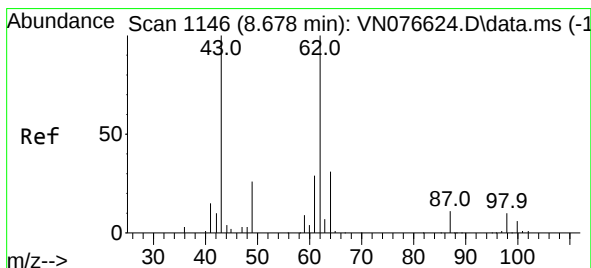
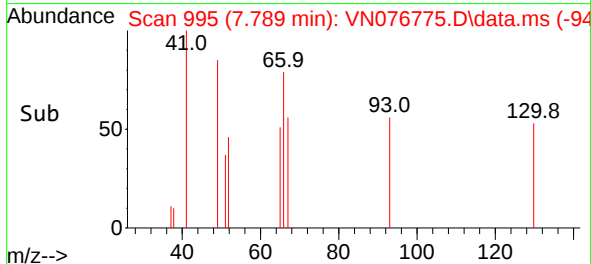
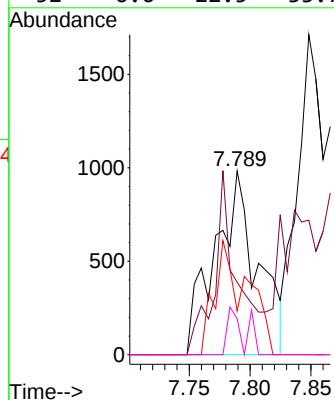
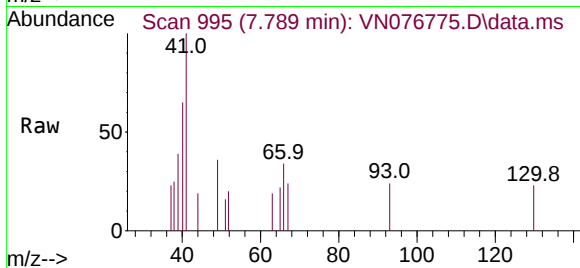




#41
Methacrylonitrile
Concen: 0.973 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

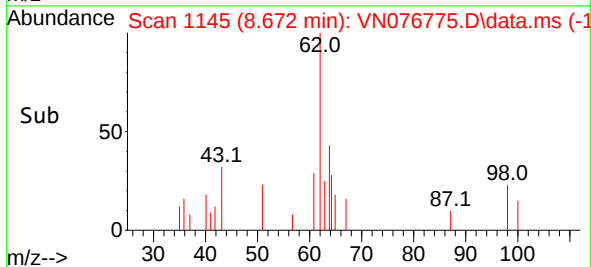
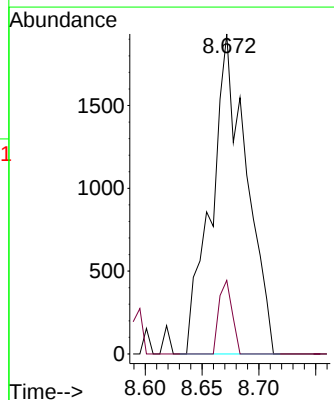
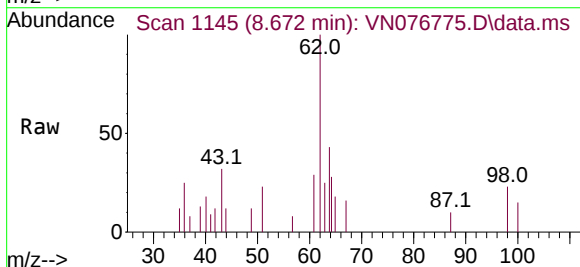
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

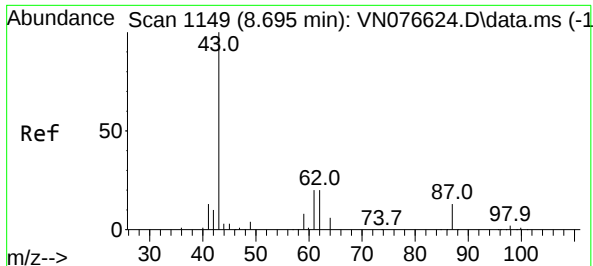
Tgt Ion: 41	Resp: 2392
Ion Ratio	Lower Upper
41 100	
39 52.9	42.6 63.8
67 27.7	51.4 77.0#
52 6.6	22.5 33.7#



#42
1,2-Dichloroethane
Concen: 0.961 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 62	Resp: 4151
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 19.2





#43

Isopropyl Acetate

Concen: 0.846 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

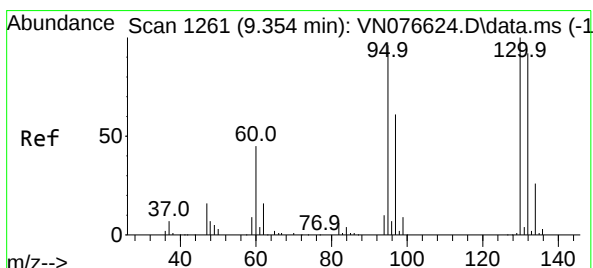
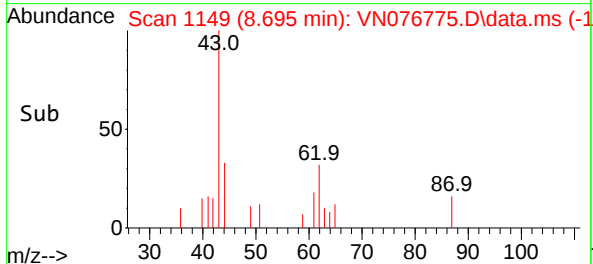
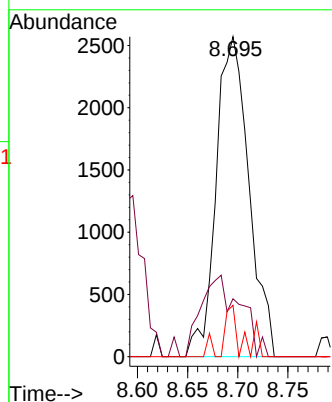
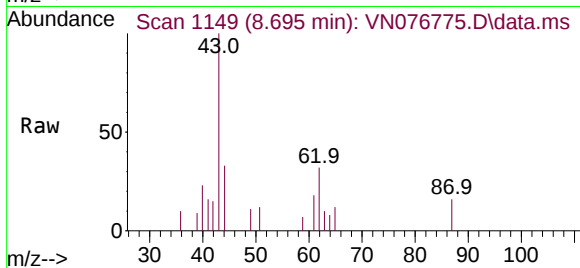
Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

61 30.6 20.0 30.0#

87 5.9 9.9 14.9#



#44

Trichloroethene

Concen: 0.930 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN076775.D

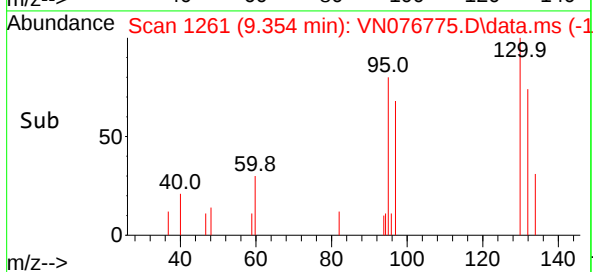
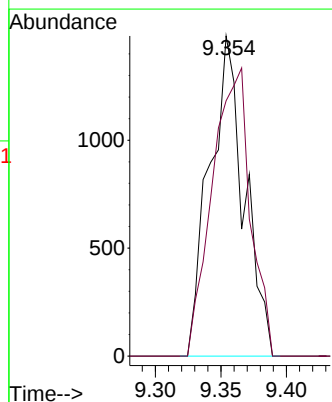
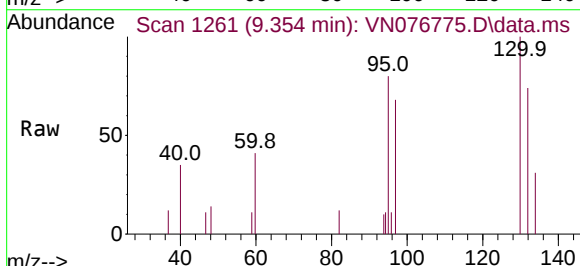
Acq: 22 Feb 2023 16:53

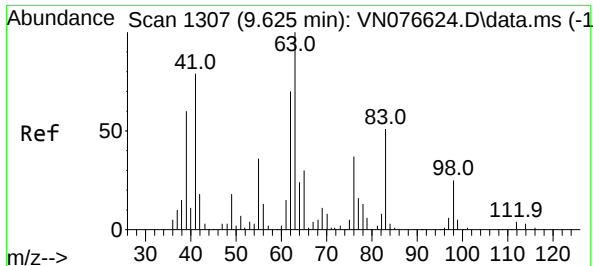
Tgt Ion:130 Resp: 2721

Ion Ratio Lower Upper

130 100

95 79.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 0.570 ug/l

RT: 9.613 min Scan# 1305

Delta R.T. -0.012 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

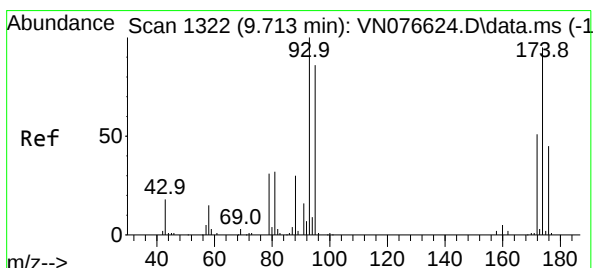
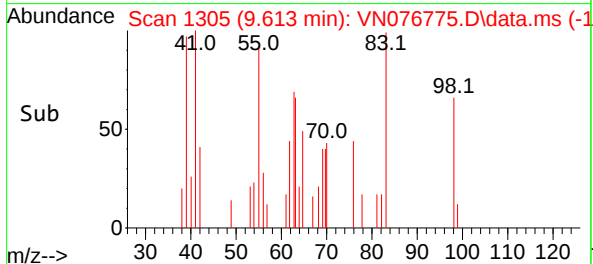
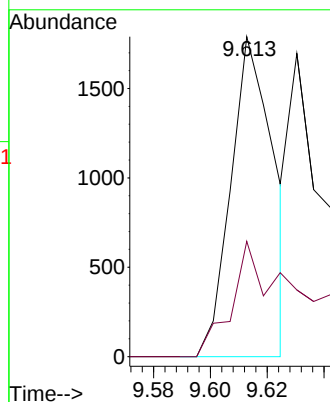
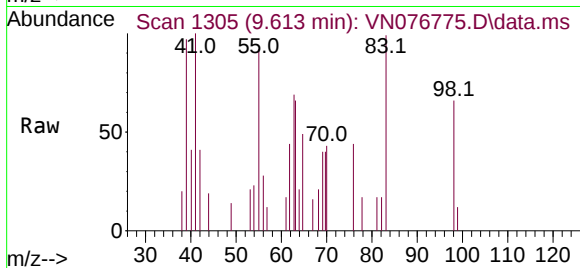
MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 1868

Ion Ratio Lower Upper

63 100

65 36.0 24.2 36.2



#46

Dibromomethane

Concen: 1.094 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

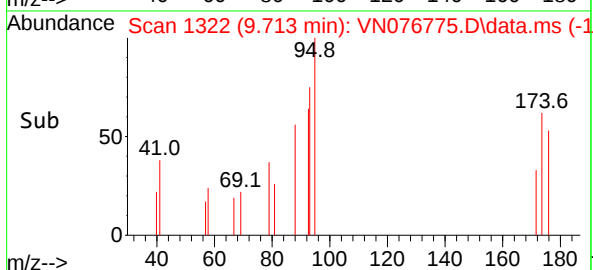
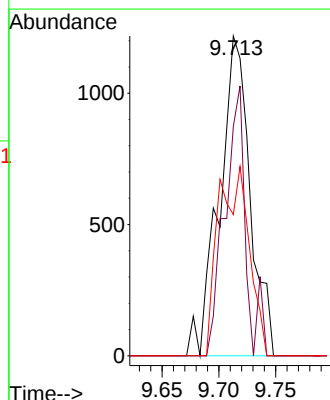
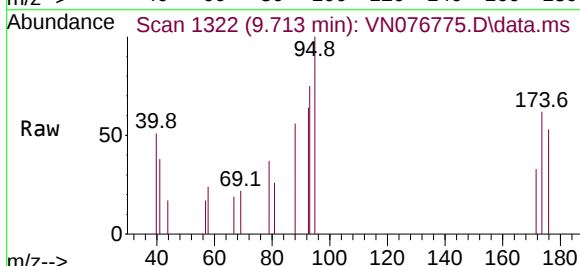
Tgt Ion: 93 Resp: 2293

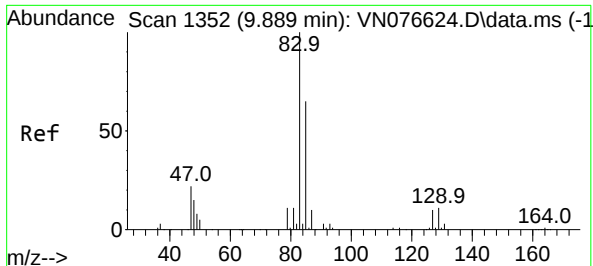
Ion Ratio Lower Upper

93 100

95 57.1 66.0 99.0#

174 59.1 75.8 113.8#

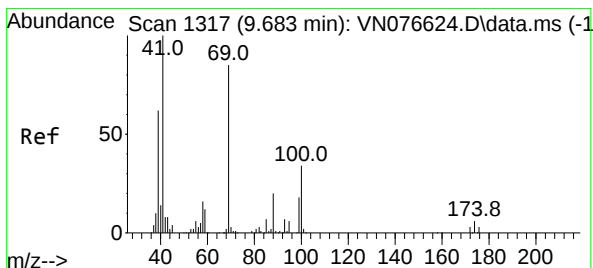
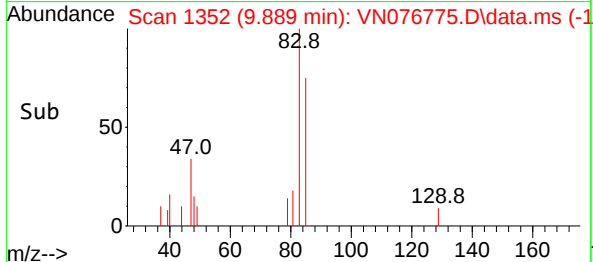
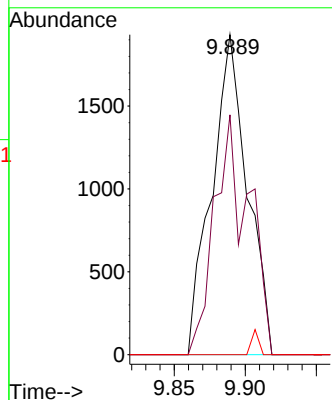
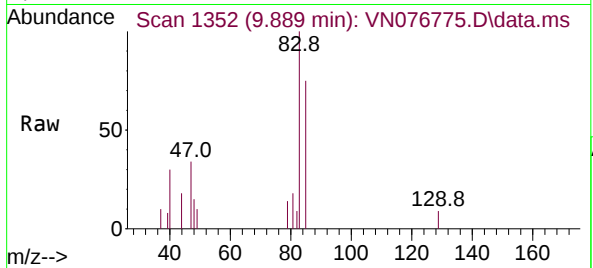




#47
Bromodichloromethane
Concen: 0.802 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

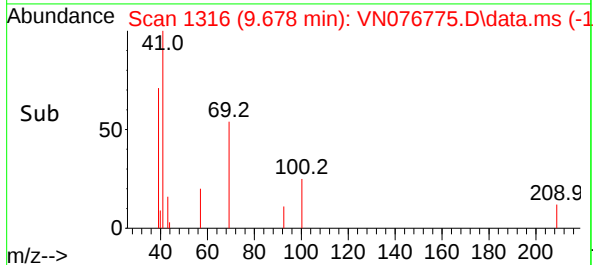
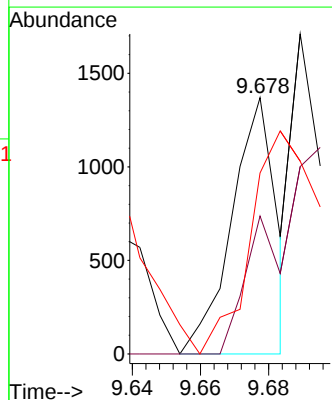
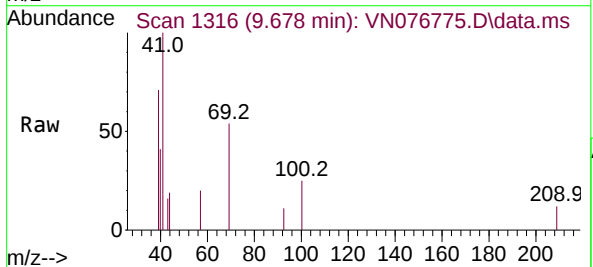
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

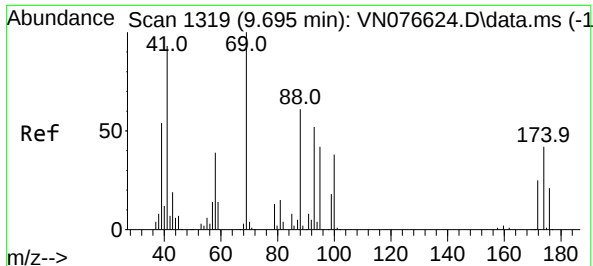
Tgt Ion: 83	Resp:	3368
Ion Ratio	Lower	Upper
83	100	
85	74.9	51.8 77.6
127	0.0	7.9 11.9



#48
Methyl methacrylate
Concen: 0.378 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 41	Resp:	1238
Ion Ratio	Lower	Upper
41	100	
69	132.6	65.4 98.0
39	154.5	49.3 73.9

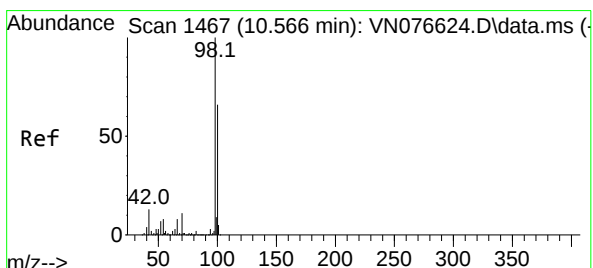
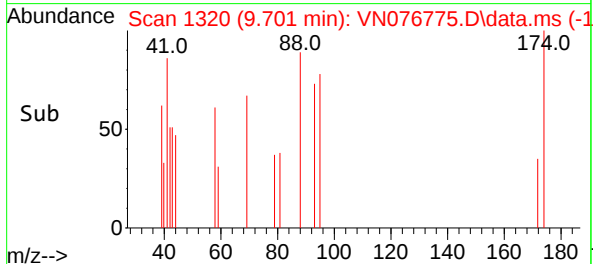
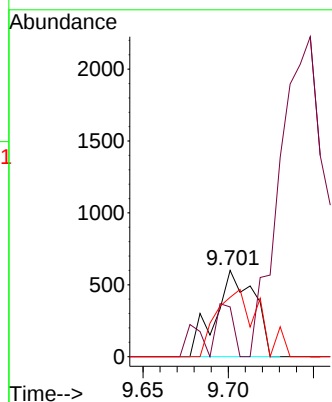
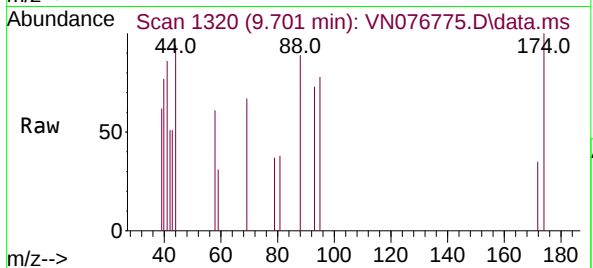




#49
1,4-Dioxane
Concen: 16.819 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

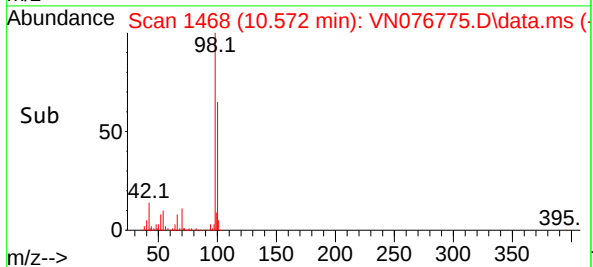
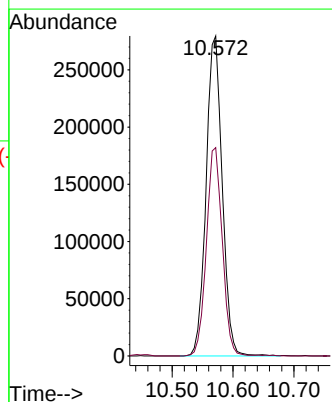
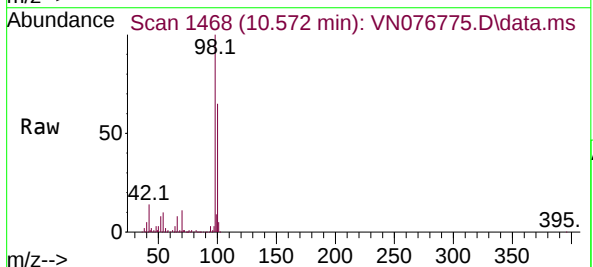
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 88 Resp: 953
Ion Ratio Lower Upper
88 100
43 41.2 22.6 33.8#
58 84.5 57.6 86.4



#50
Toluene-d8
Concen: 49.351 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 98 Resp: 514312
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3

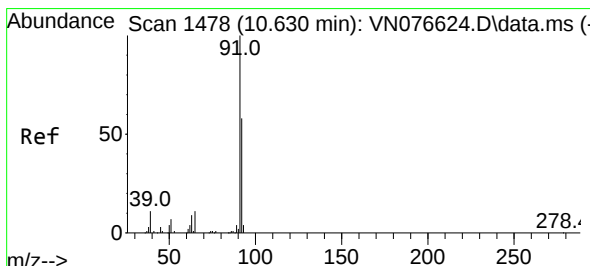
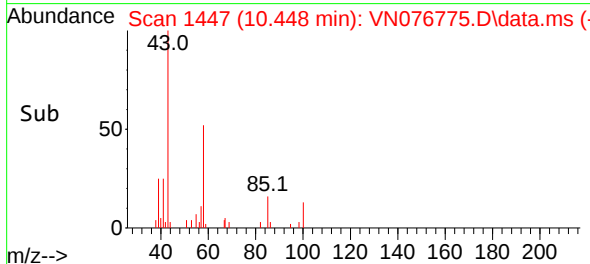
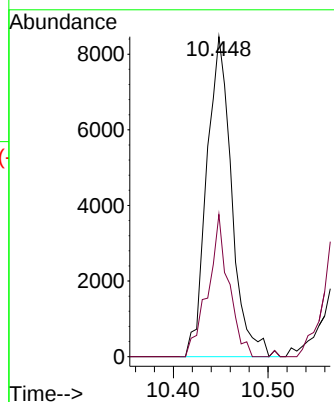
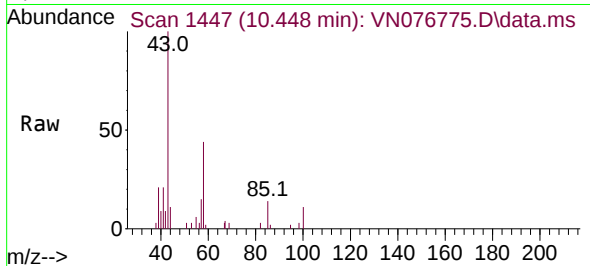




#51
4-Methyl-2-Pentanone
Concen: 3.529 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

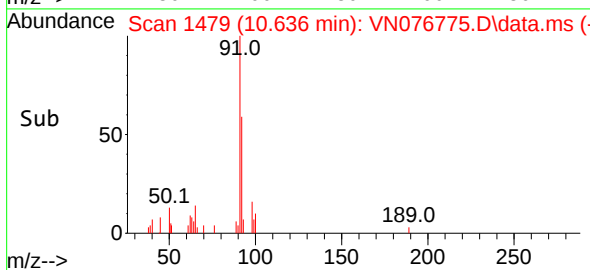
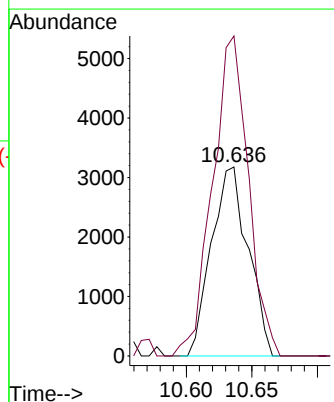
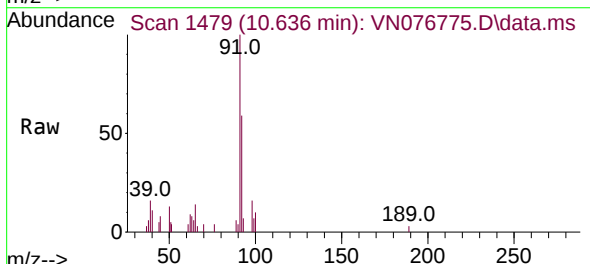
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

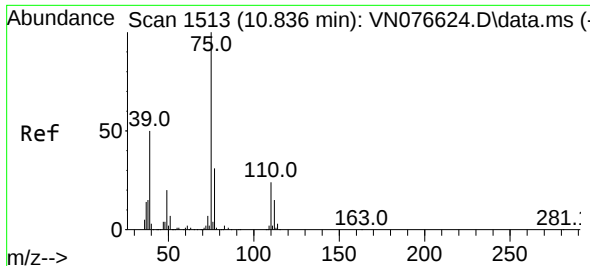
Tgt Ion: 43 Resp: 15500
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3



#52
Toluene
Concen: 0.827 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 92 Resp: 6185
Ion Ratio Lower Upper
92 100
91 165.3 138.0 207.0

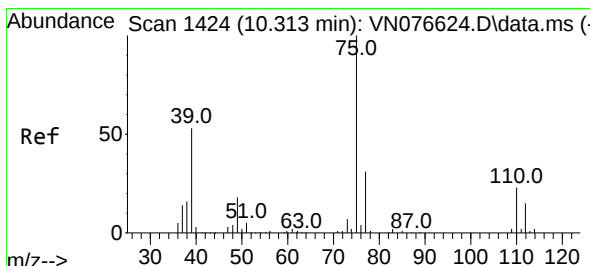
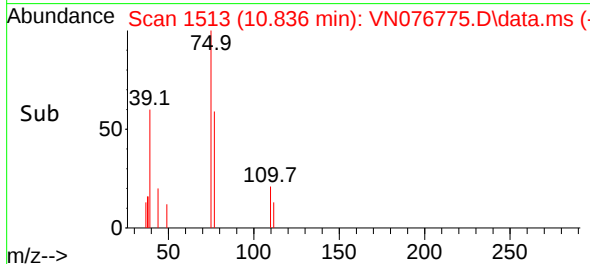
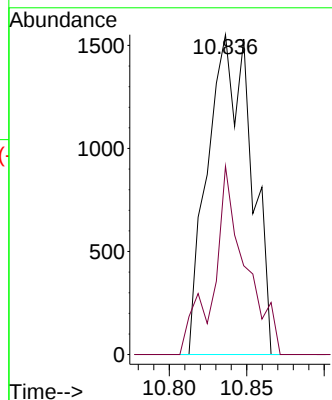
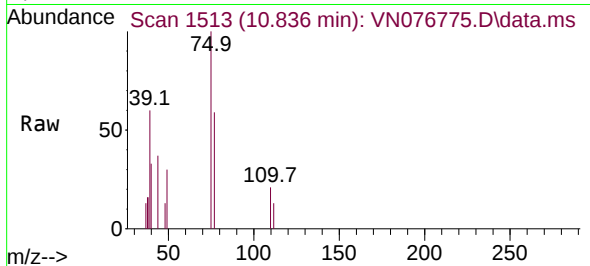




#53
t-1,3-Dichloropropene
Concen: 0.744 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

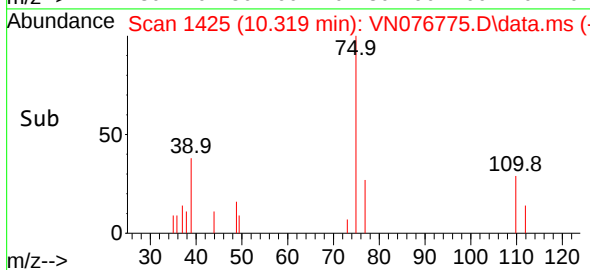
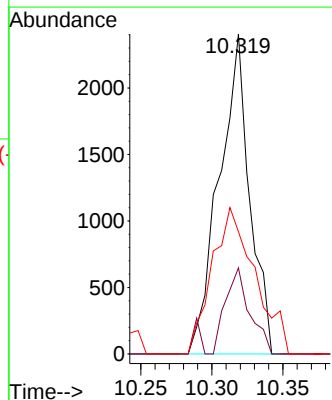
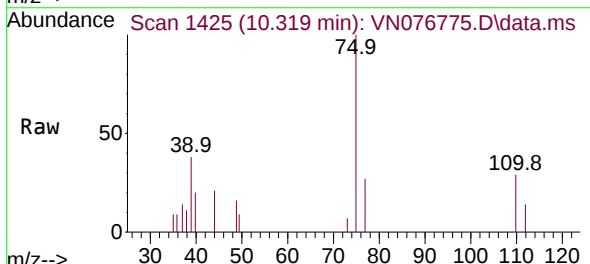
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

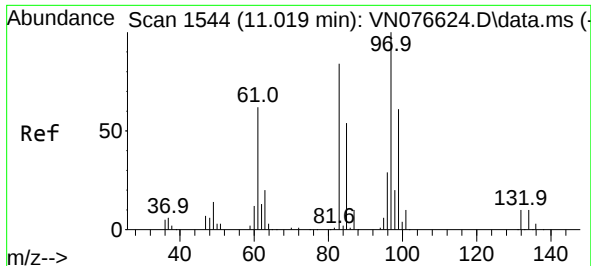
Tgt Ion: 75 Resp: 3015
Ion Ratio Lower Upper
75 100
77 58.9 24.6 37.0#



#54
cis-1,3-Dichloropropene
Concen: 0.765 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 75 Resp: 3580
Ion Ratio Lower Upper
75 100
77 26.9 25.1 37.7
39 38.2 42.3 63.5#

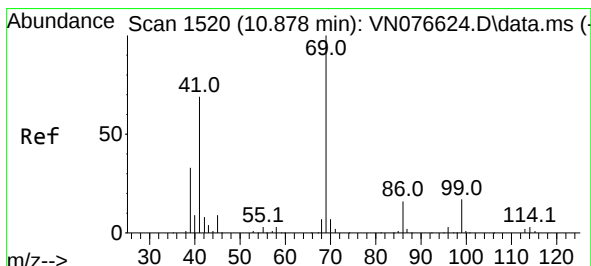
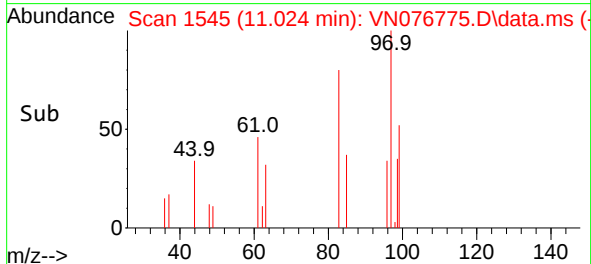
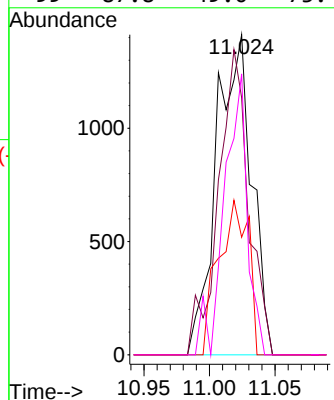
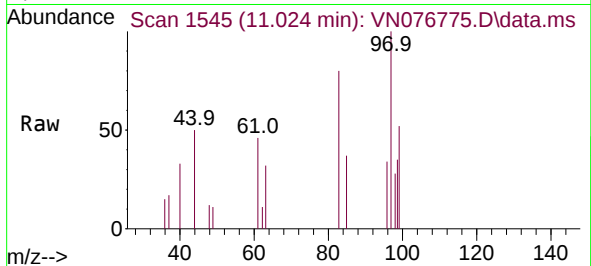




#55
1,1,2-Trichloroethane
Concen: 0.872 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

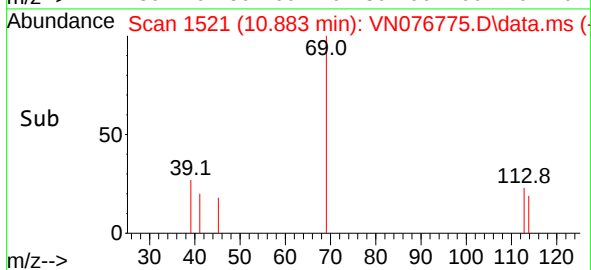
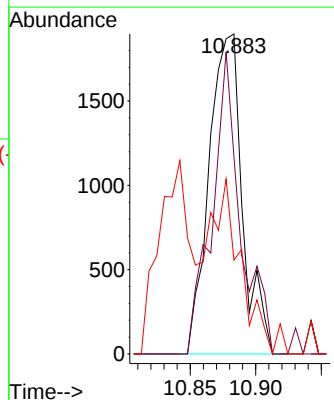
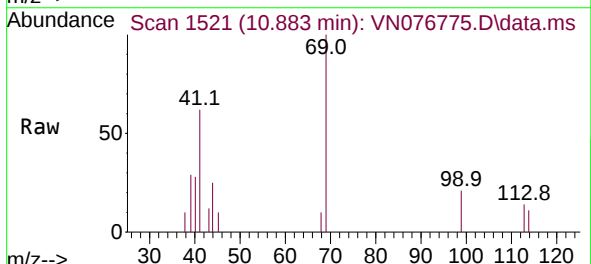
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:	97	Resp:	2650
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.3	100.9
85	36.7	43.2	64.8#
99	87.8	49.0	73.4#



#56
Ethyl methacrylate
Concen: 0.786 ug/l
RT: 10.883 min Scan# 1521
Delta R.T. 0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:	69	Resp:	3363
Ion	Ratio	Lower	Upper
69	100		
41	80.2	55.1	82.7
39	52.2	30.7	46.1#

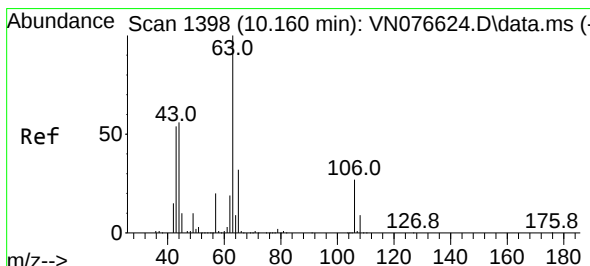
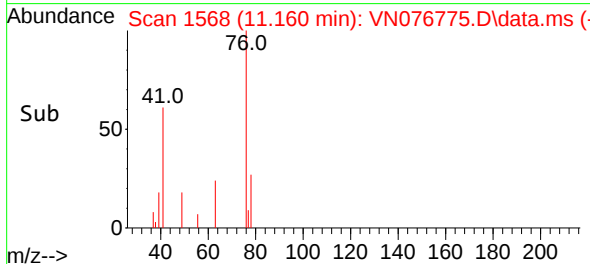
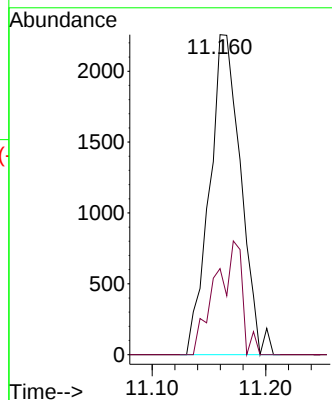
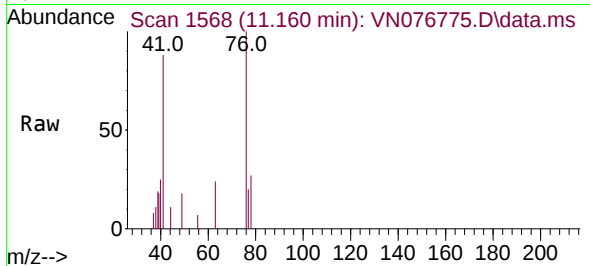




#57
1,3-Dichloropropane
Concen: 0.826 ug/l
RT: 11.160 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

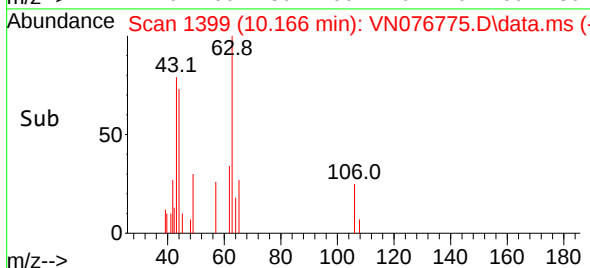
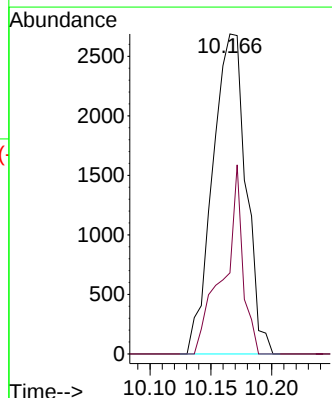
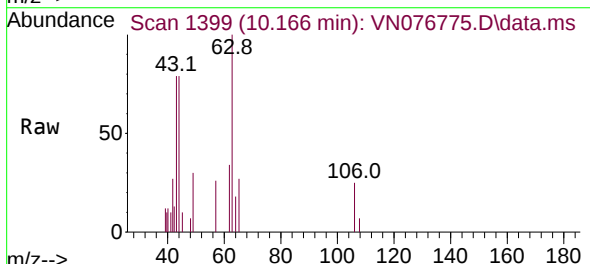
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

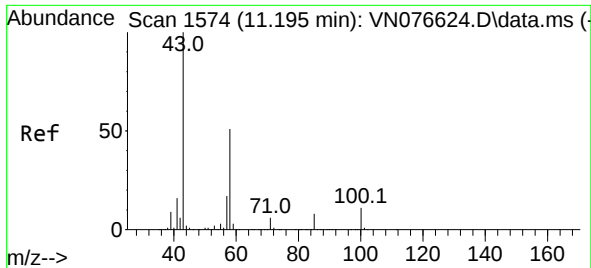
Tgt Ion: 76 Resp: 4313
Ion Ratio Lower Upper
76 100
78 30.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 2.615 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 63 Resp: 5124
Ion Ratio Lower Upper
63 100
106 33.9 22.3 33.5#

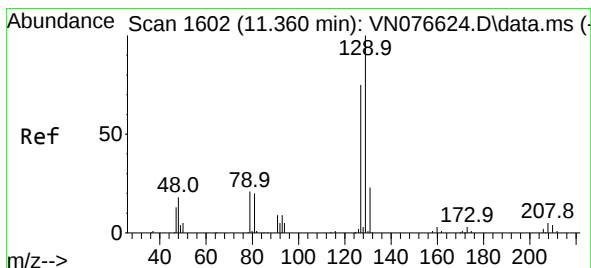
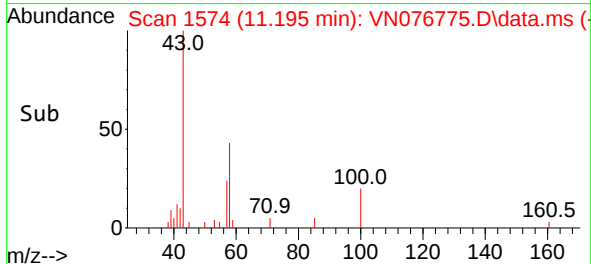
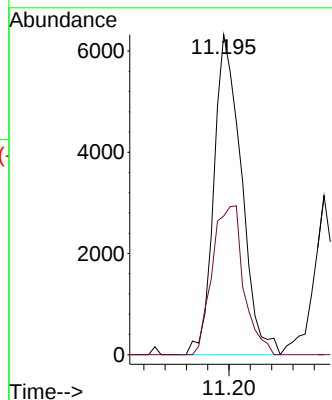
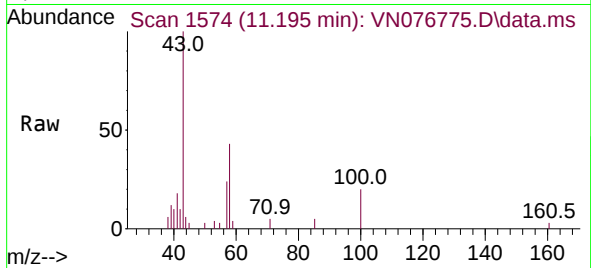




#59
2-Hexanone
Concen: 3.568 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

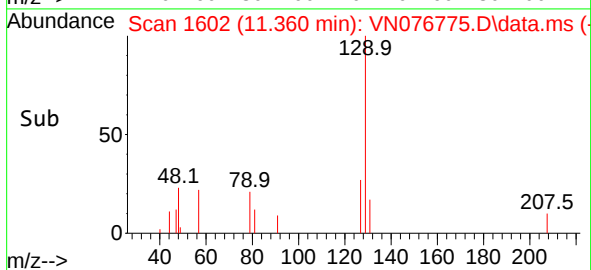
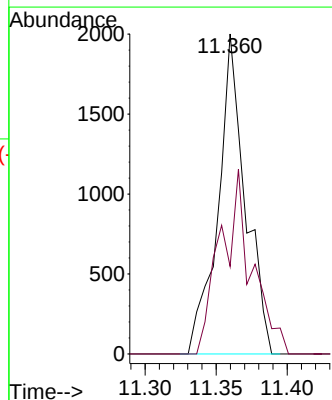
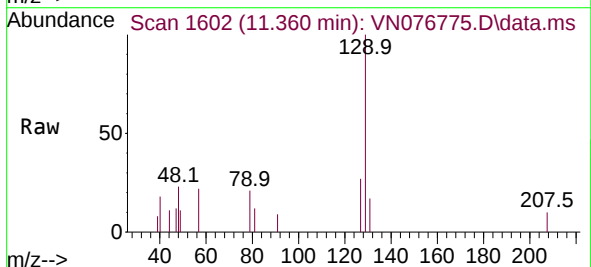
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

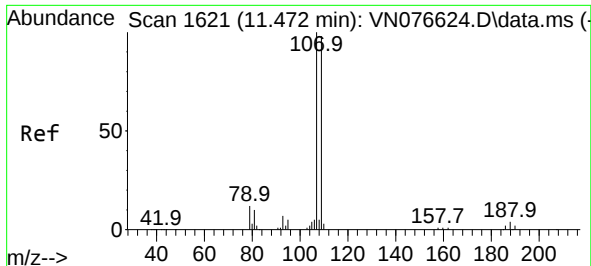
Tgt Ion: 43 Resp: 11300
Ion Ratio Lower Upper
43 100
58 53.2 25.4 76.0



#60
Dibromochloromethane
Concen: 0.834 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 129 Resp: 2671
Ion Ratio Lower Upper
129 100
127 66.1 38.8 116.4

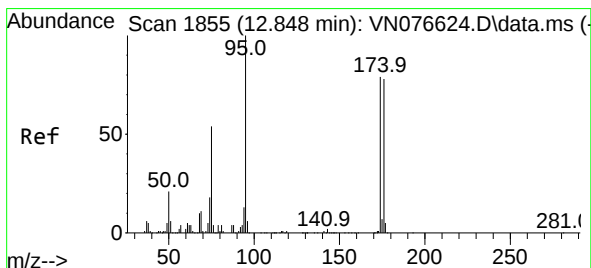
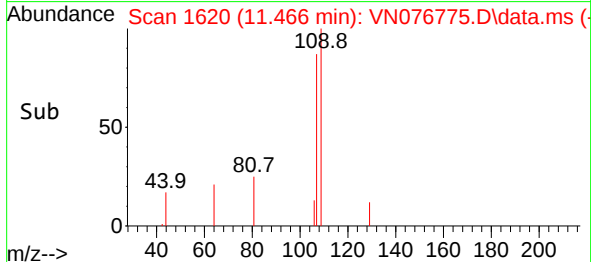
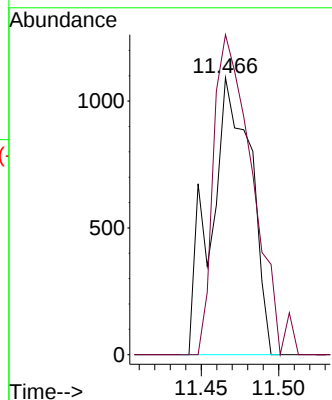
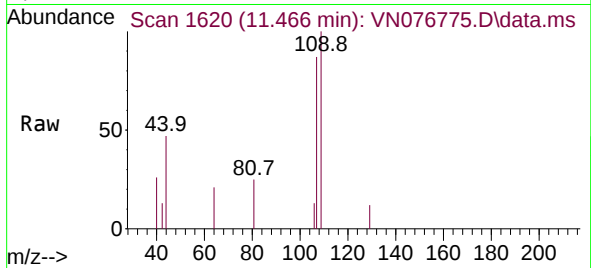




#61
1,2-Dibromoethane
Concen: 0.646 ug/l
RT: 11.466 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

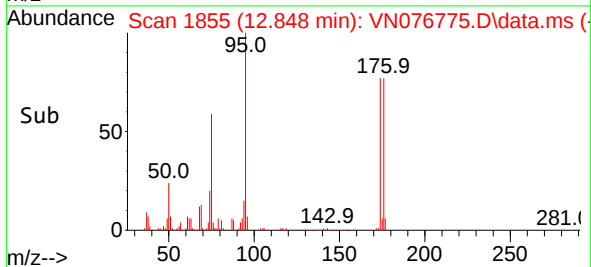
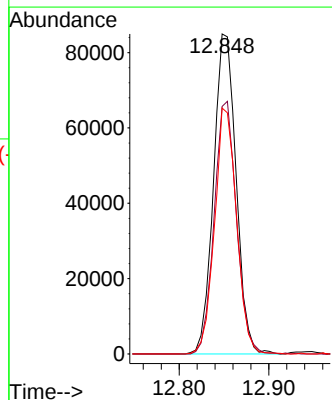
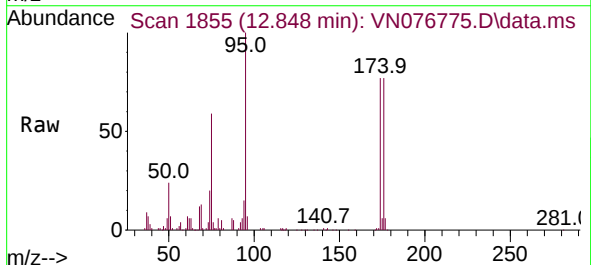
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

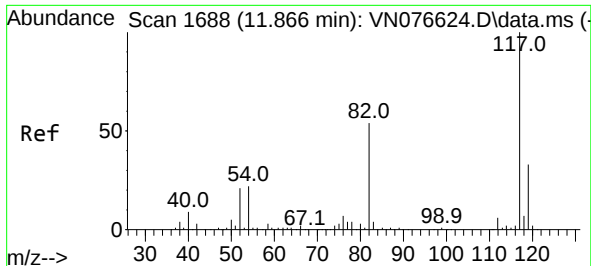
Tgt Ion:107 Resp: 1967
Ion Ratio Lower Upper
107 100
109 112.0 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 42.900 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 95 Resp: 148076
Ion Ratio Lower Upper
95 100
174 78.0 0.0 169.2
176 75.0 0.0 163.4

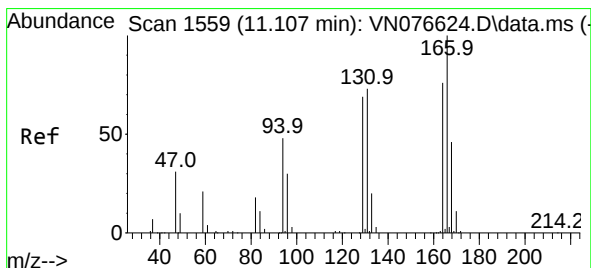
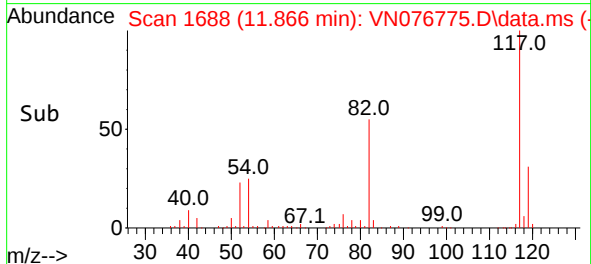
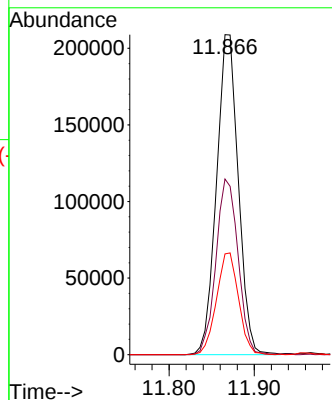
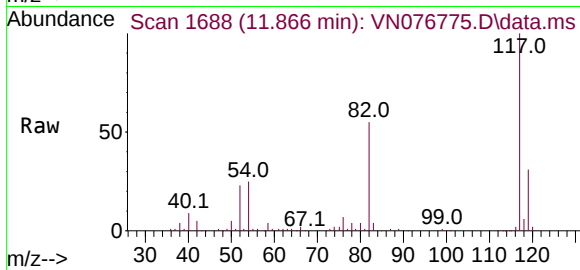




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

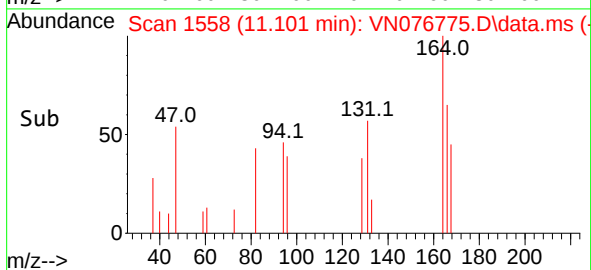
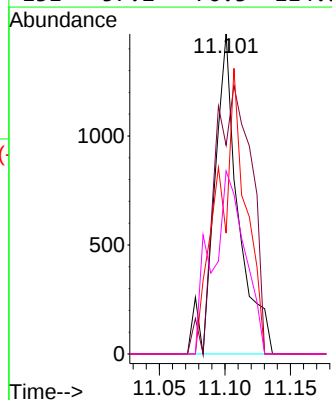
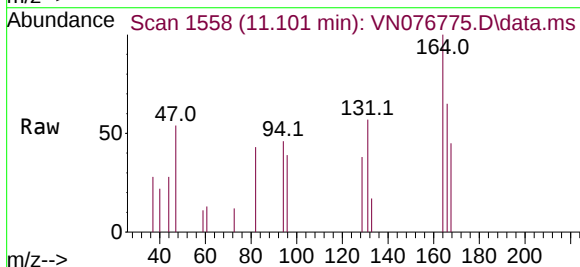
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

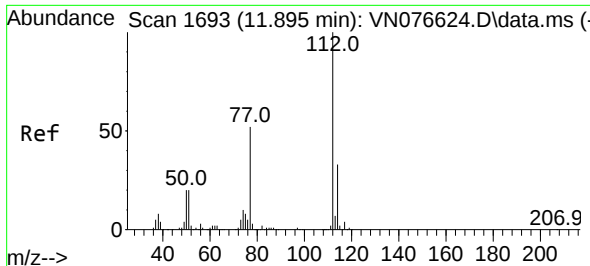
Tgt Ion:117 Resp: 371555
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 0.799 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:164 Resp: 1870
Ion Ratio Lower Upper
164 100
166 65.2 104.8 157.2#
129 37.7 72.2 108.2#
131 57.2 76.3 114.5#

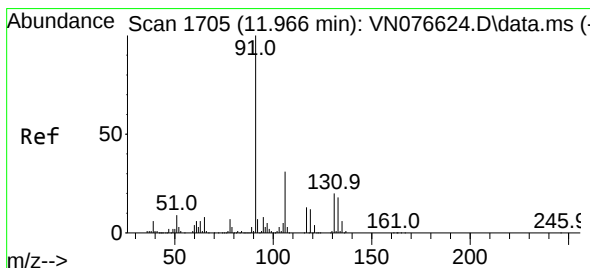
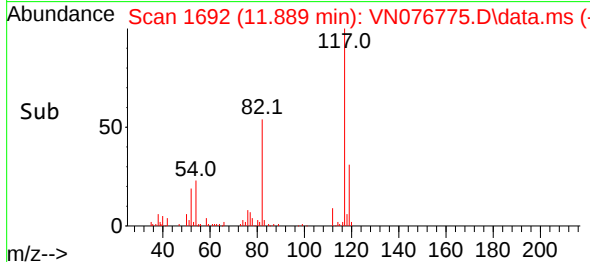
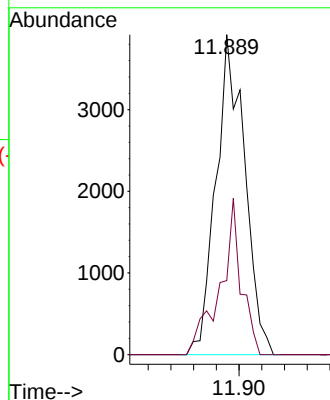
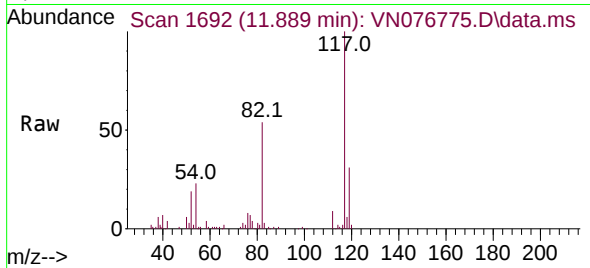




#65
Chlorobenzene
Concen: 0.872 ug/l
RT: 11.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

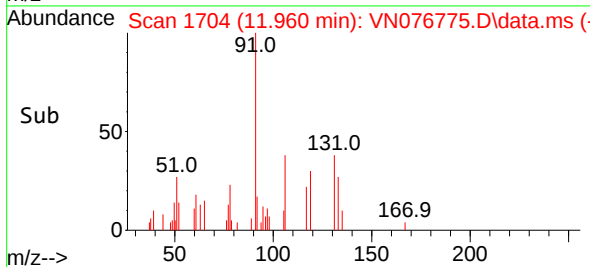
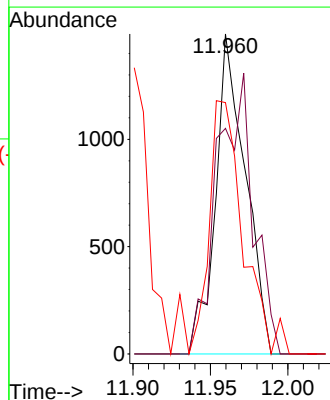
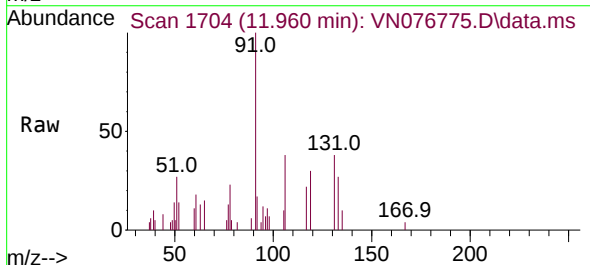
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

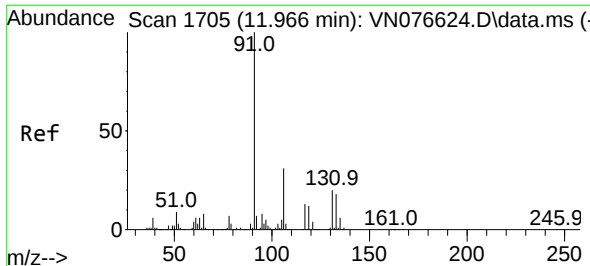
Tgt Ion:112 Resp: 6870
Ion Ratio Lower Upper
112 100
114 23.1 26.4 39.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.700 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:131 Resp: 2002
Ion Ratio Lower Upper
131 100
133 106.4 47.0 141.0
119 0.0 32.3 96.8#

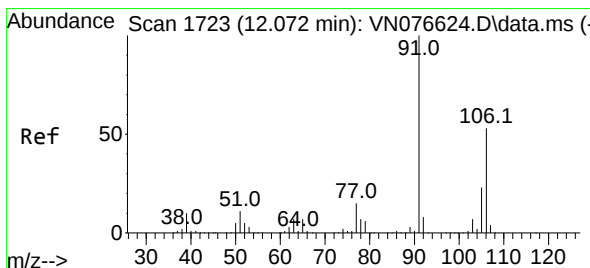
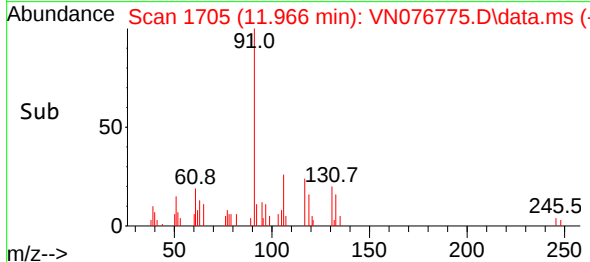
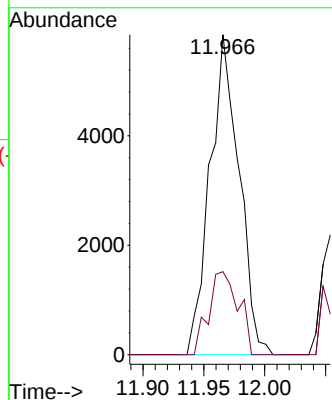
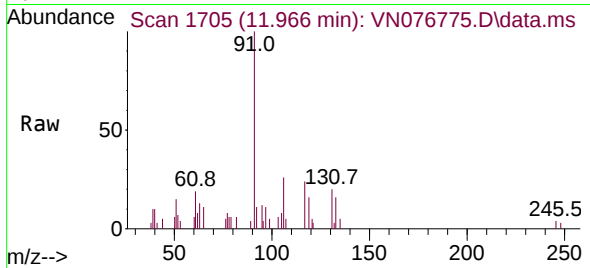




#67
Ethyl Benzene
Concen: 0.725 ug/l
RT: 11.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

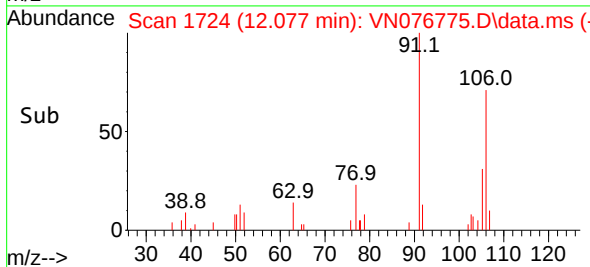
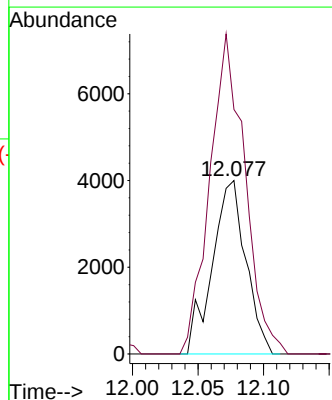
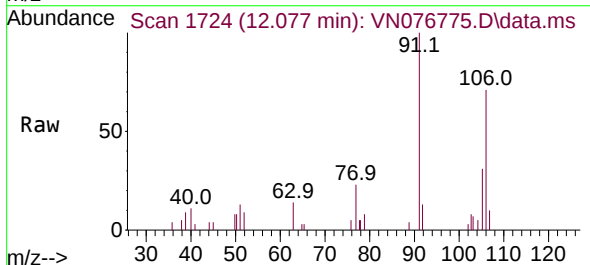
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

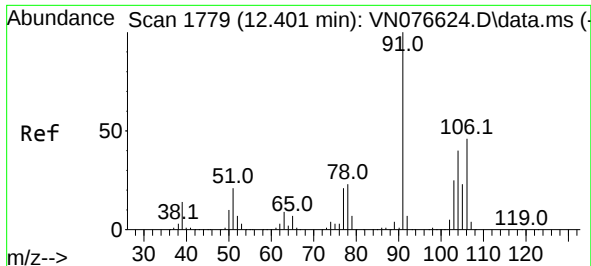
Tgt Ion: 91 Resp: 9730
Ion Ratio Lower Upper
91 100
106 26.0 25.1 37.7



#68
m/p-Xylenes
Concen: 1.377 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 106 Resp: 7121
Ion Ratio Lower Upper
106 100
91 193.0 154.7 232.1

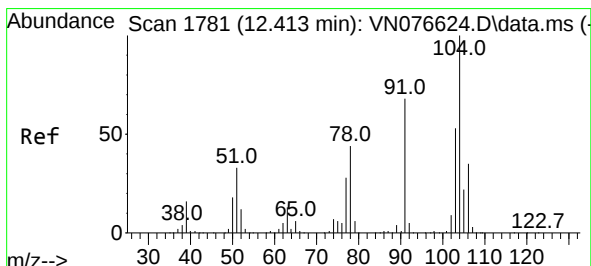
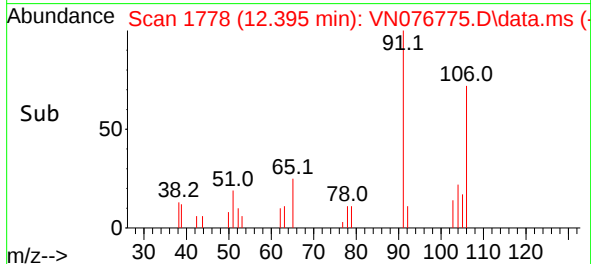
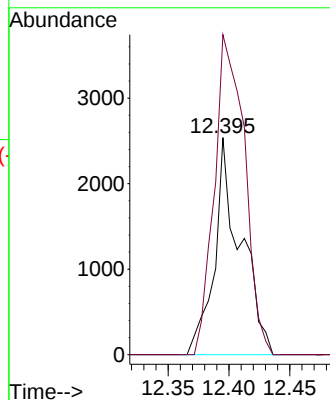
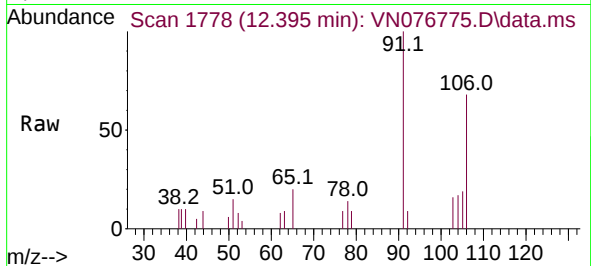




#69
o-Xylene
Concen: 0.752 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

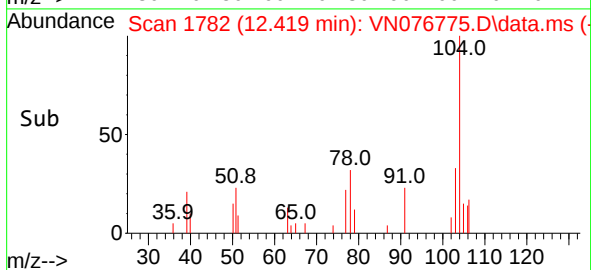
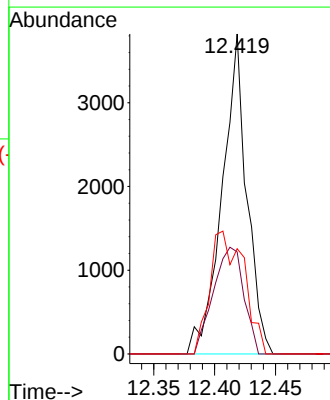
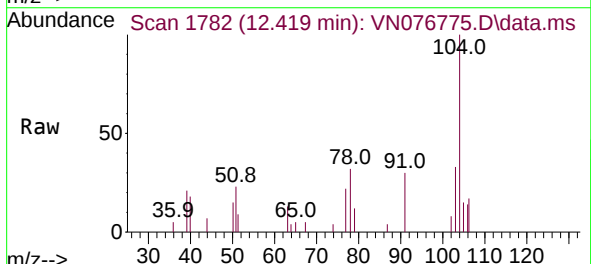
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

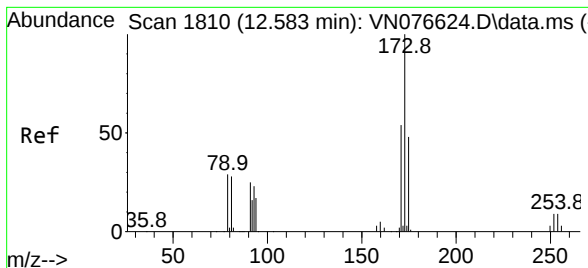
Tgt Ion:106 Resp: 3793
Ion Ratio Lower Upper
106 100
91 170.3 105.8 317.4



#70
Styrene
Concen: 0.663 ug/l
RT: 12.419 min Scan# 1782
Delta R.T. 0.005 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:104 Resp: 5409
Ion Ratio Lower Upper
104 100
78 41.0 38.2 57.4
103 52.7 44.2 66.4





#71

Bromoform

Concen: 0.603 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

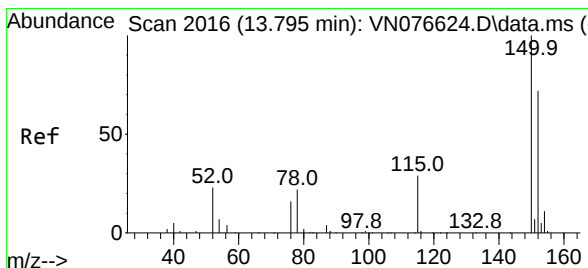
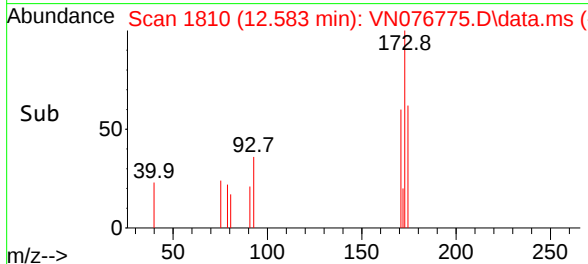
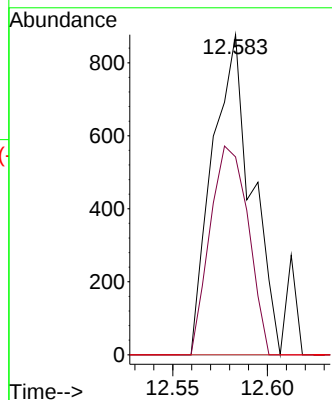
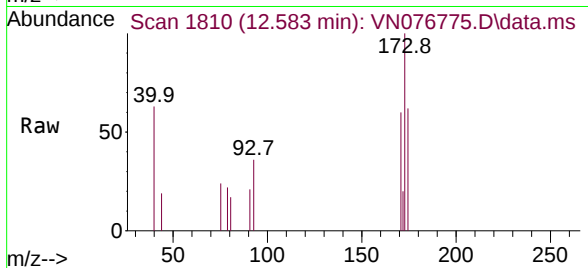
Tgt Ion:173 Resp: 1265

Ion Ratio Lower Upper

173 100

175 63.5 24.9 74.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

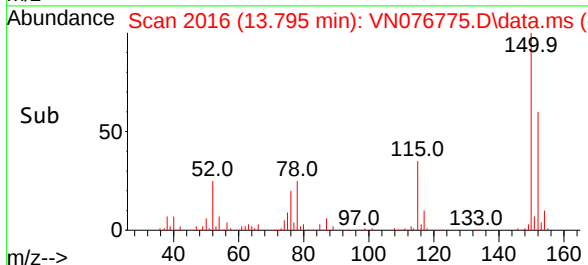
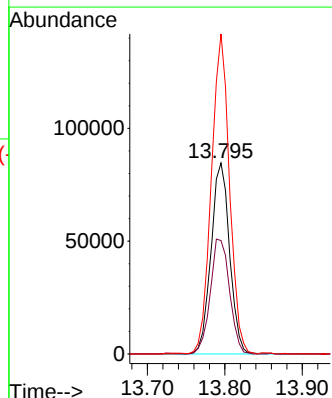
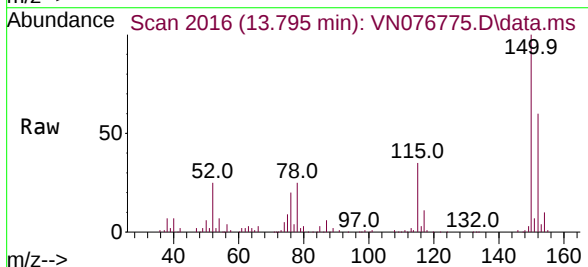
Tgt Ion:152 Resp: 140919

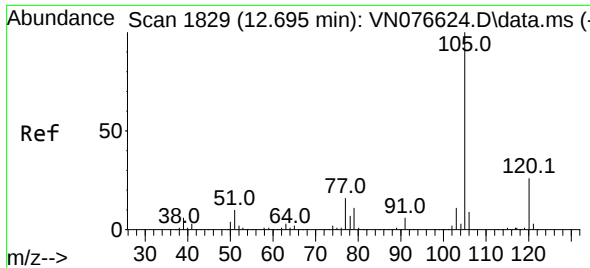
Ion Ratio Lower Upper

152 100

115 62.3 29.3 87.9

150 163.2 0.0 349.8

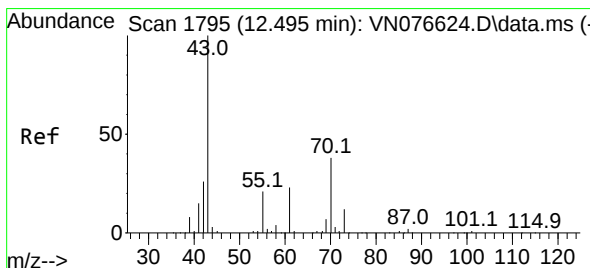
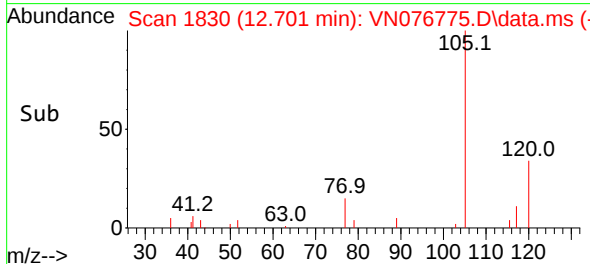
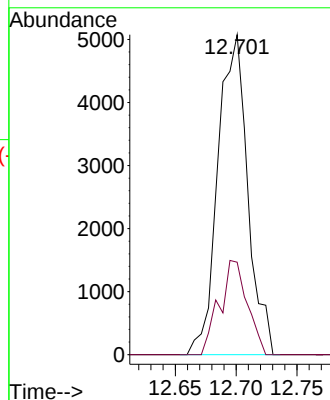
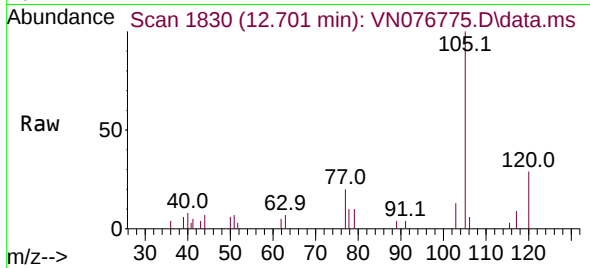




#73
Isopropylbenzene
Concen: 0.837 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

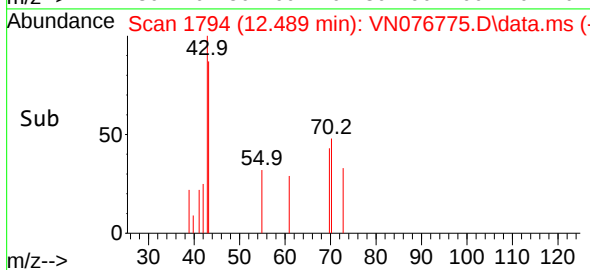
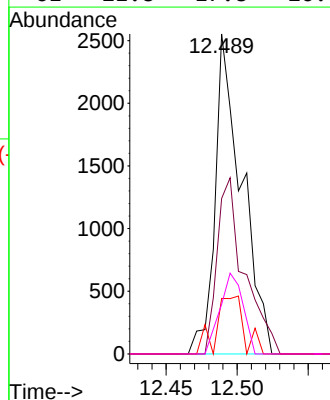
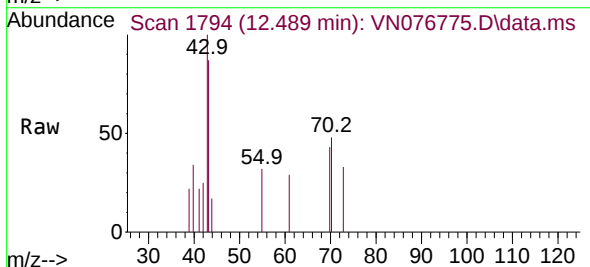
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

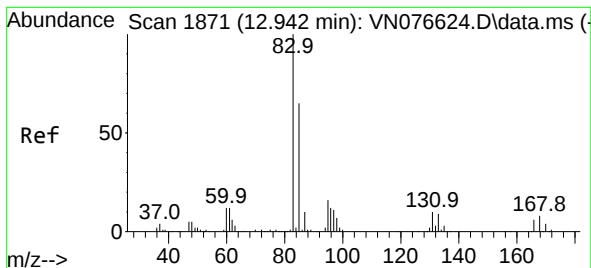
Tgt Ion:105 Resp: 8643
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0



#74
N-ethyl acetate
Concen: 0.714 ug/l
RT: 12.489 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
70 55.9 30.5 45.7#
55 19.0 17.8 26.8
61 21.8 17.8 26.8





#75

1,1,2-Tetrachloroethane

Concen: 1.215 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN076775.D

Acq: 22 Feb 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

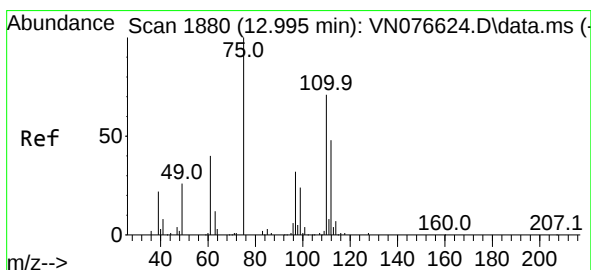
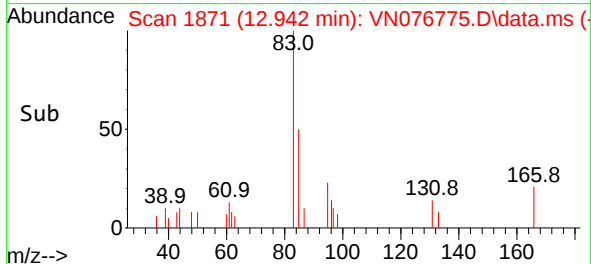
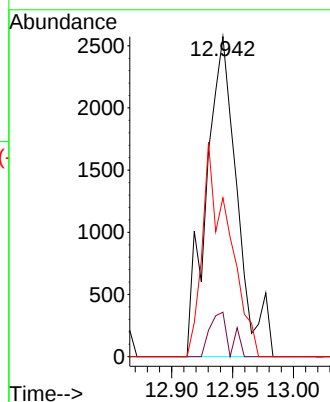
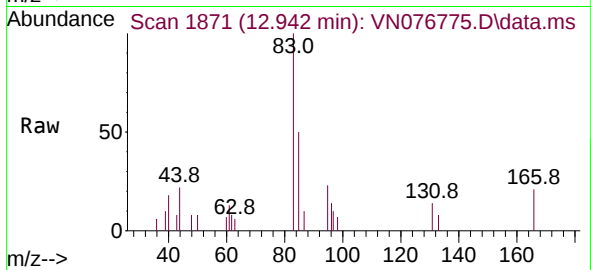
Tgt Ion: 83 Resp: 4541

Ion Ratio Lower Upper

83 100

131 8.8 5.0 15.0

85 57.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 1.218 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076775.D

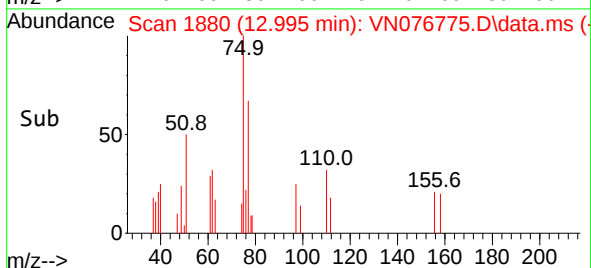
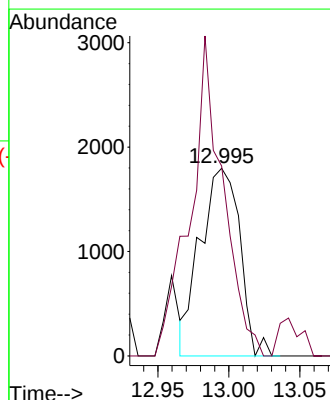
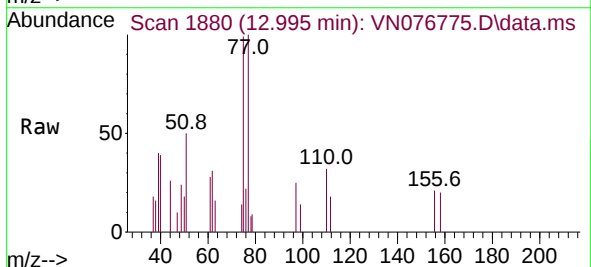
Acq: 22 Feb 2023 16:53

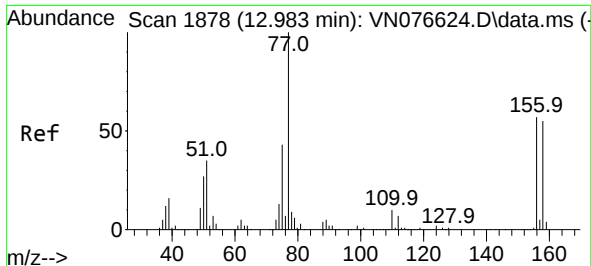
Tgt Ion: 75 Resp: 3470

Ion Ratio Lower Upper

75 100

77 141.8 93.1 279.3

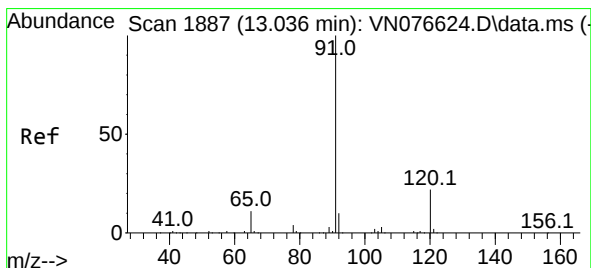
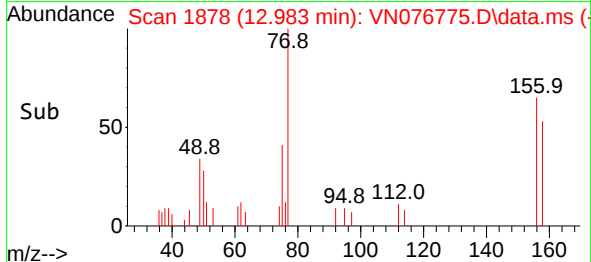
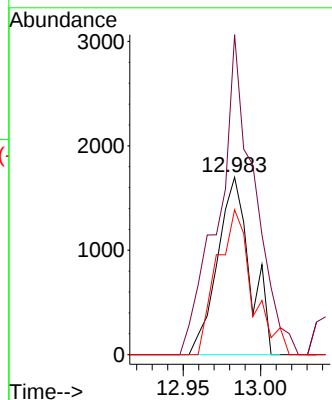
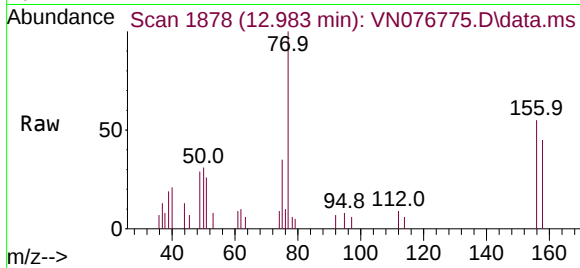




#77
Bromobenzene
Concen: 0.961 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

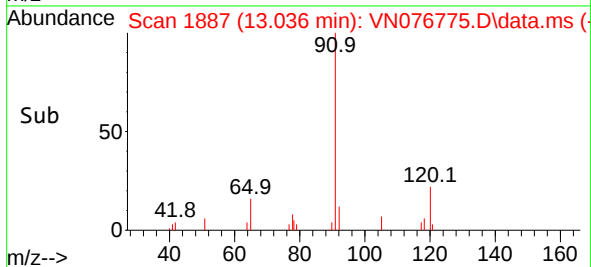
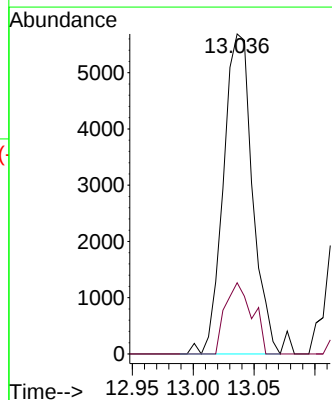
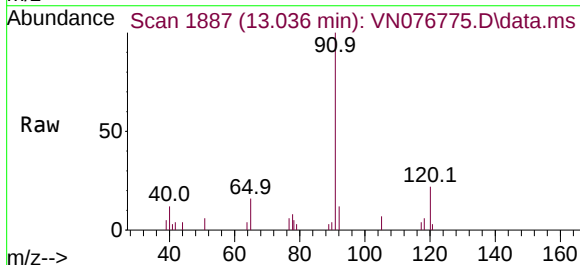
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

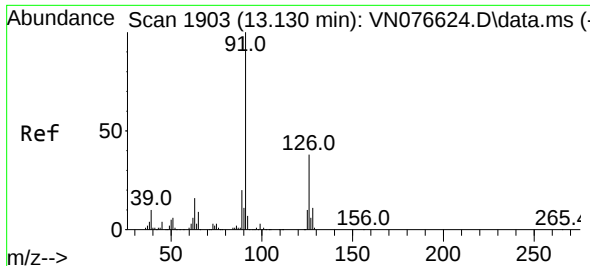
Tgt Ion:156 Resp: 2477
Ion Ratio Lower Upper
156 100
77 198.6 102.8 308.4
158 88.6 48.9 146.6



#78
n-propylbenzene
Concen: 0.779 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 91 Resp: 9451
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.5

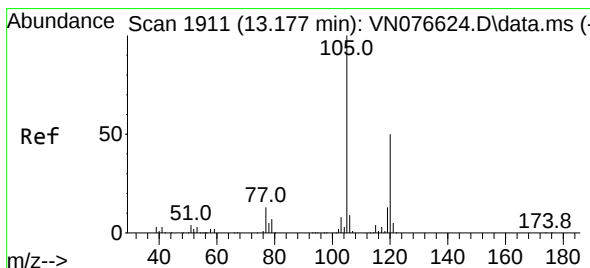
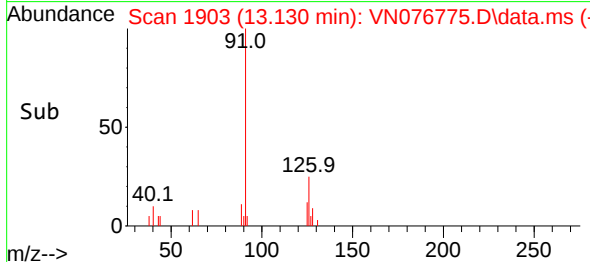
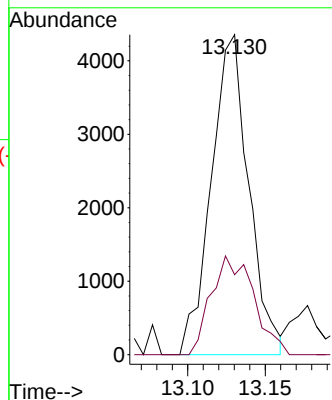
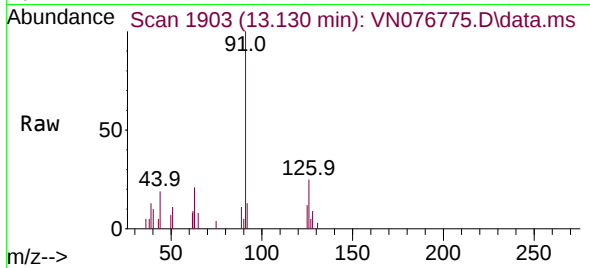




#79
2-Chlorotoluene
Concen: 0.987 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

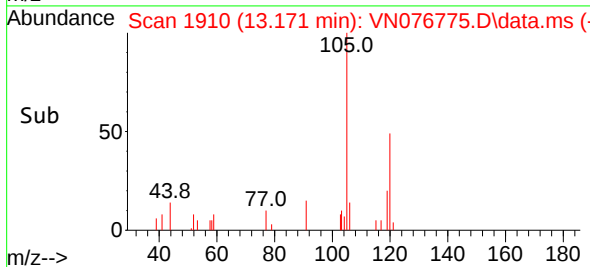
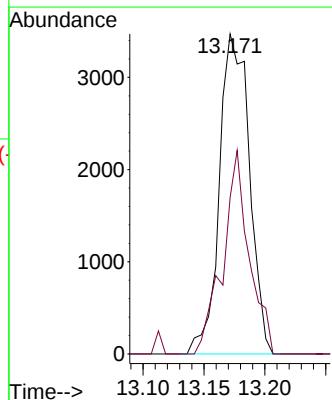
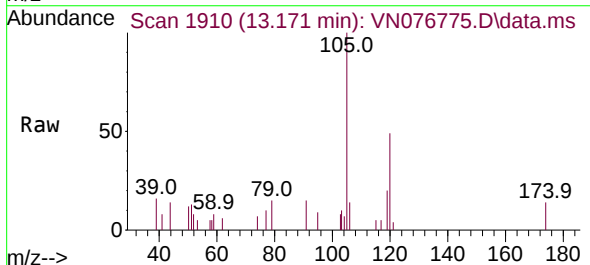
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

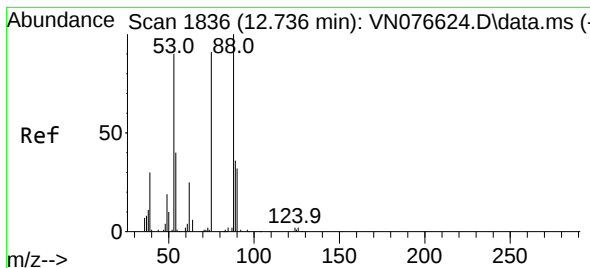
Tgt Ion: 91 Resp: 7333
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 0.697 ug/l
RT: 13.171 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 105 Resp: 5952
Ion Ratio Lower Upper
105 100
120 55.8 25.1 75.4

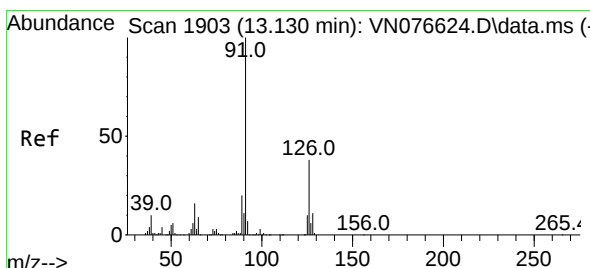
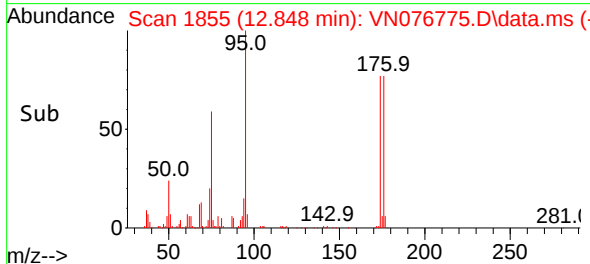
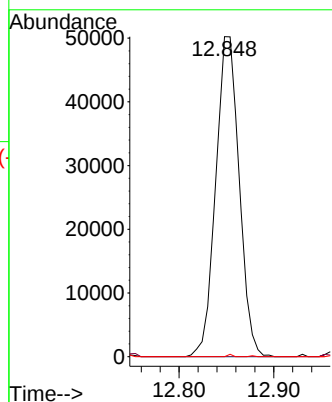
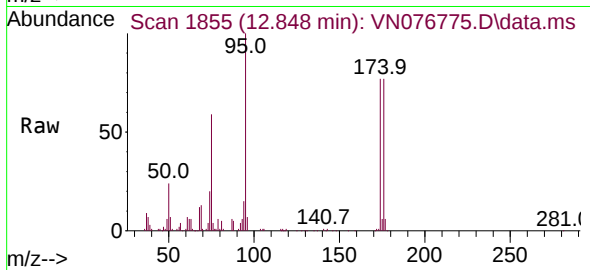




#81
trans-1,4-Dichloro-2-butene
Concen: 88.438 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

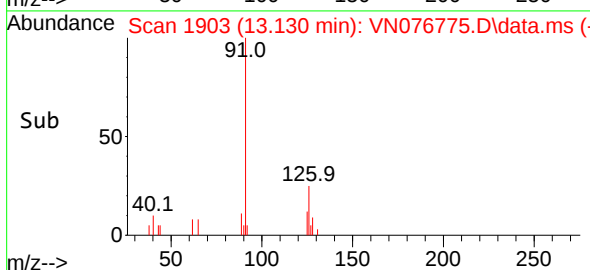
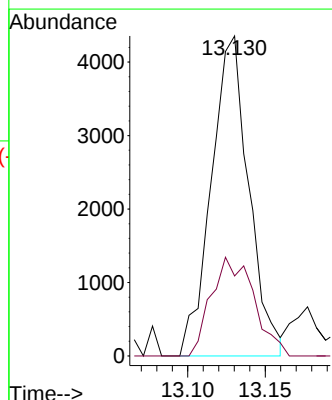
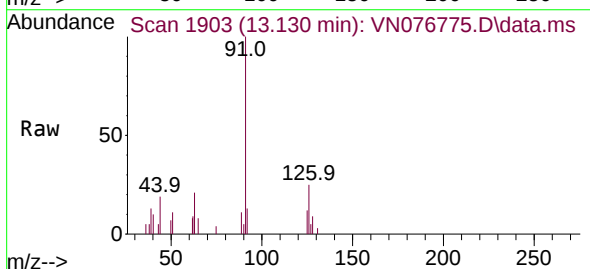
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

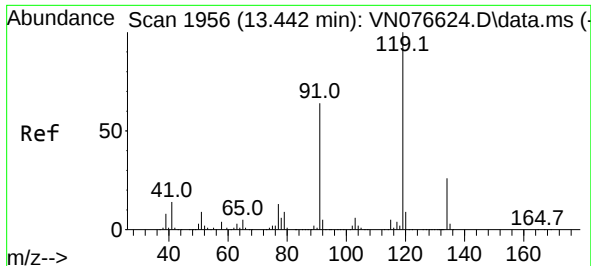
Tgt Ion: 75 Resp: 86507
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.2 37.5 56.3#



#82
4-Chlorotoluene
Concen: 0.987 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 91 Resp: 7333
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1

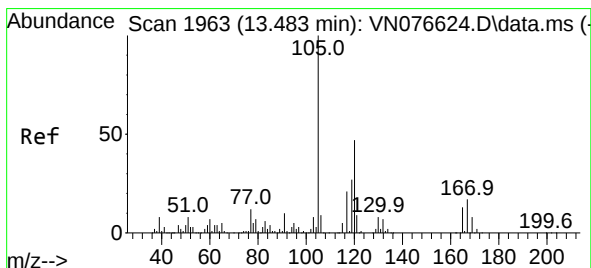
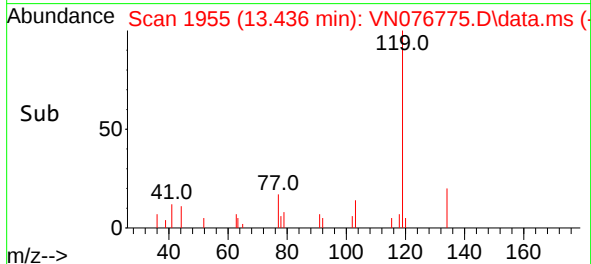
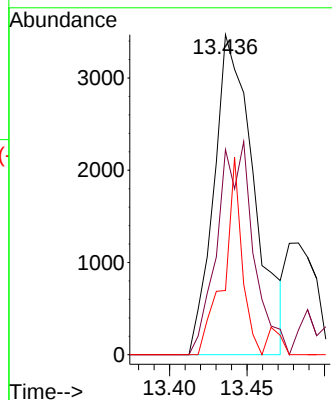
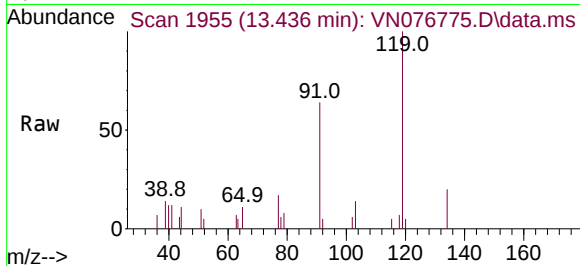




#83
tert-Butylbenzene
Concen: 0.809 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

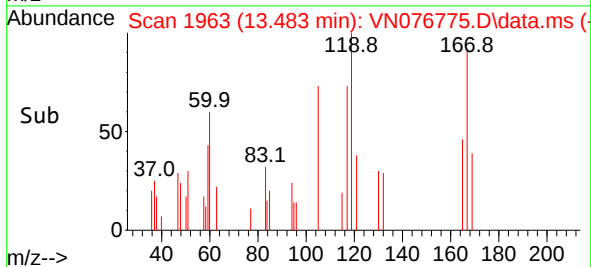
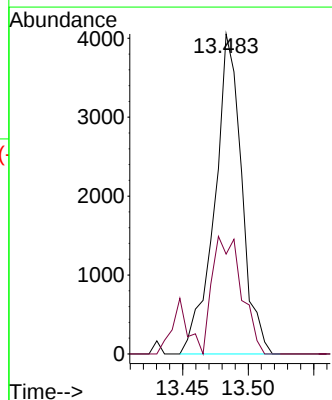
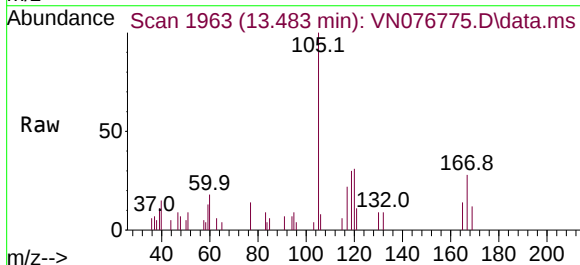
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

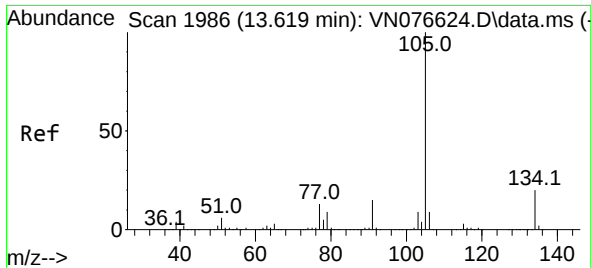
Tgt Ion:	119	Resp:	6246
Ion	Ratio	Lower	Upper
119	100		
91	59.6	32.0	96.2
134	27.6	13.8	41.4



#84
1,2,4-Trimethylbenzene
Concen: 0.684 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:	105	Resp:	5819
Ion	Ratio	Lower	Upper
105	100		
120	39.8	23.0	69.0

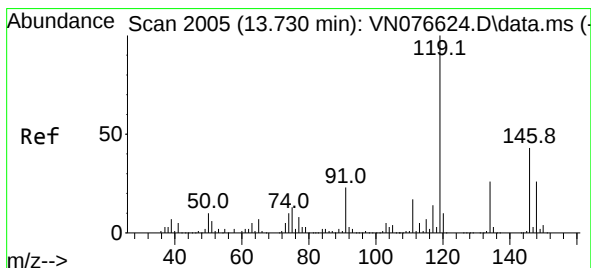
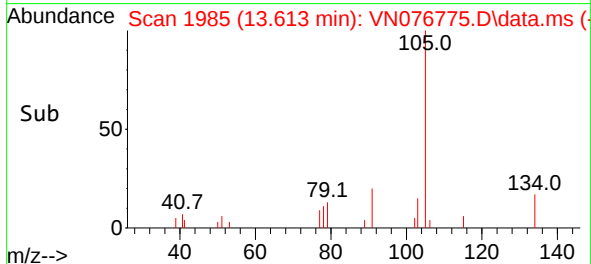
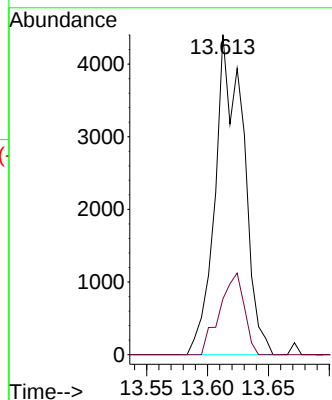
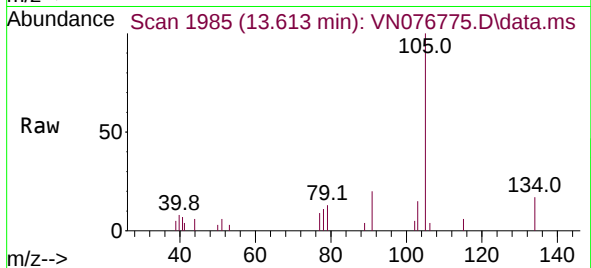




#85
 sec-Butylbenzene
 Concen: 0.665 ug/l
 RT: 13.613 min Scan# 1986
 Delta R.T. -0.006 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

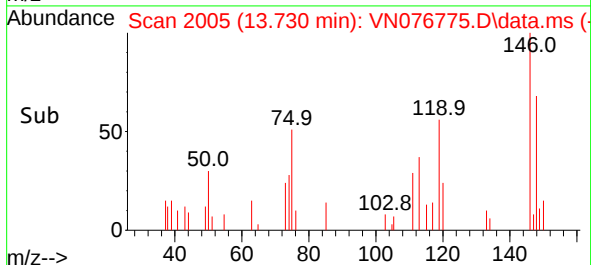
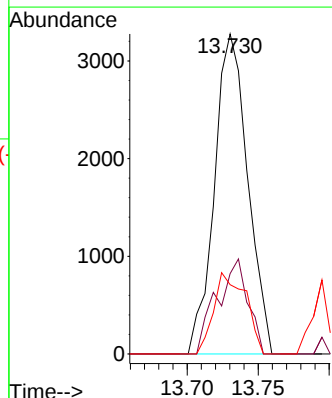
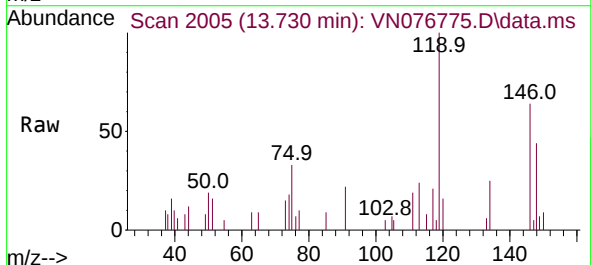
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

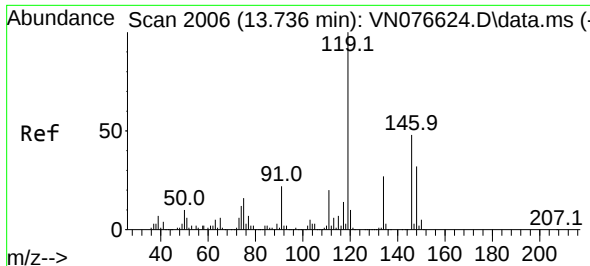
Tgt Ion:105 Resp: 7165
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.621 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076775.D
 Acq: 22 Feb 2023 16:53

Tgt Ion:119 Resp: 5342
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.1
 91 24.4 11.7 35.0

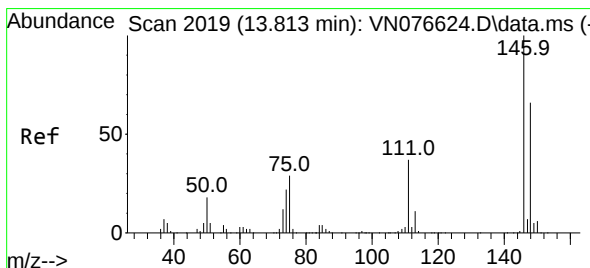
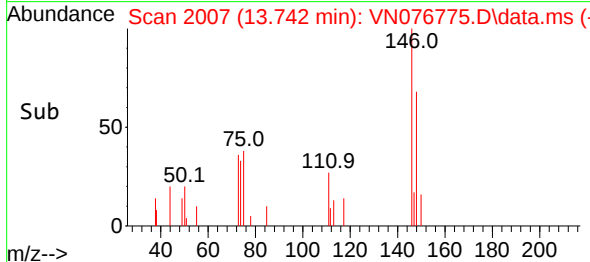
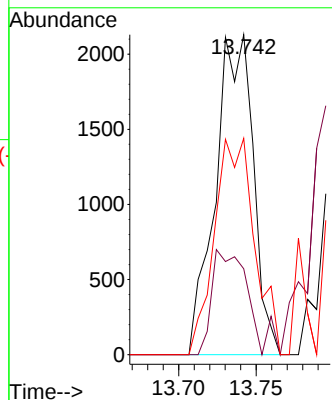
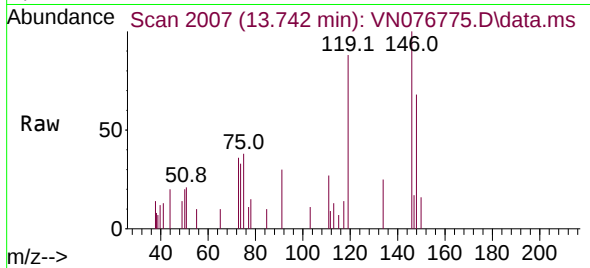




#87
1,3-Dichlorobenzene
Concen: 0.741 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

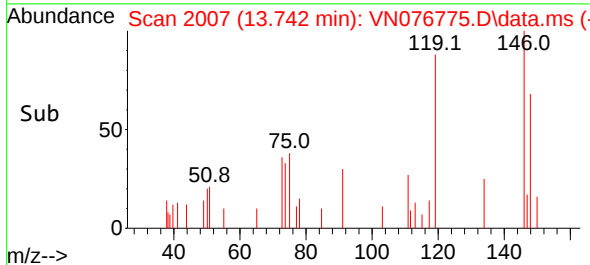
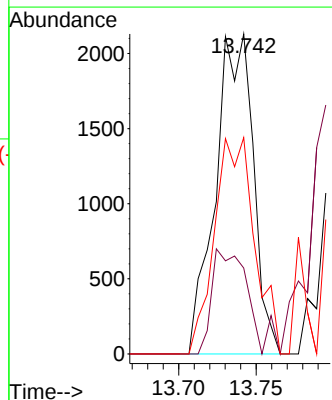
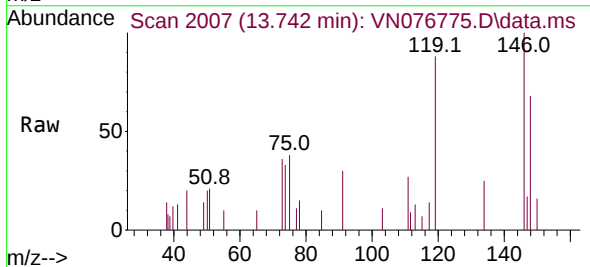
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

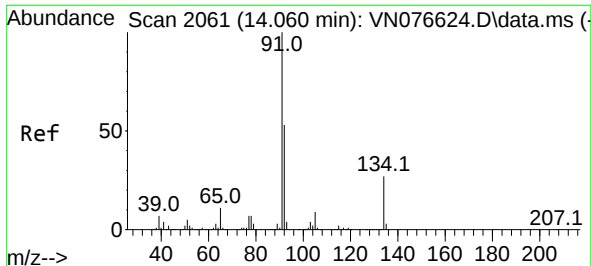
Tgt Ion:146 Resp: 3612
Ion Ratio Lower Upper
146 100
111 29.1 19.8 59.4
148 71.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.745 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. -0.071 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:146 Resp: 3612
Ion Ratio Lower Upper
146 100
111 29.1 19.4 58.1
148 71.5 32.7 98.1

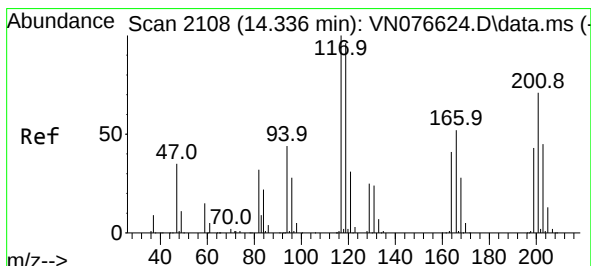
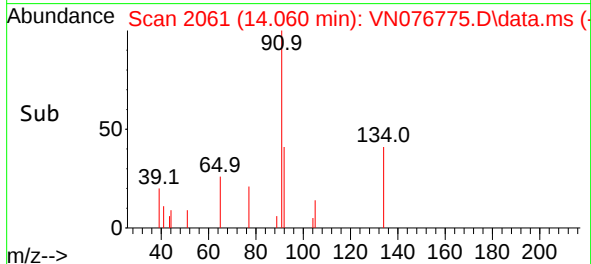
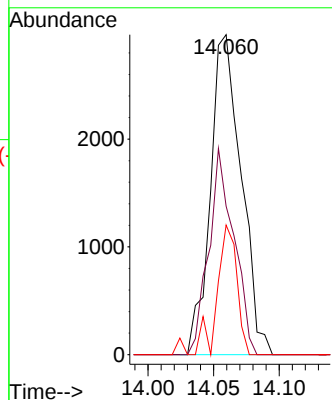
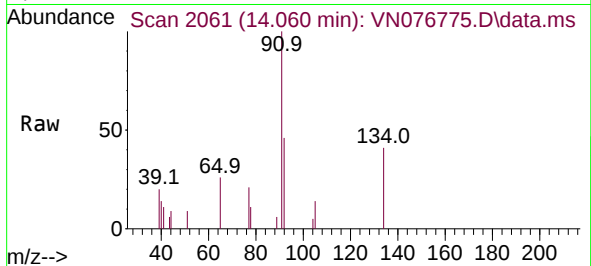




#89
n-Butylbenzene
Concen: 0.650 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

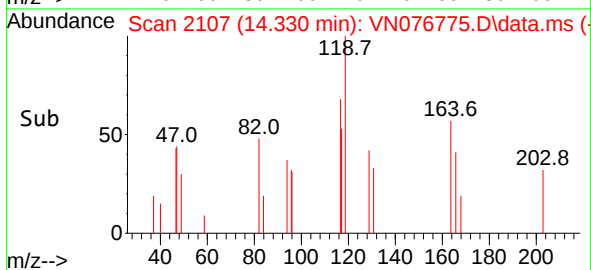
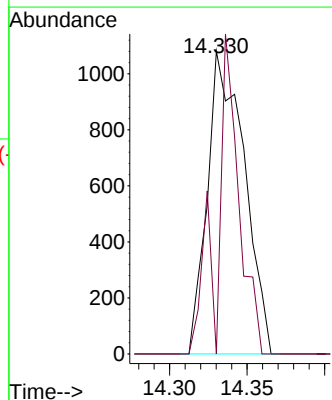
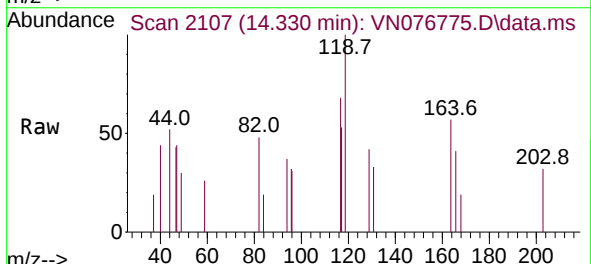
Instrument :
MSVOA_N
ClientSampleId :
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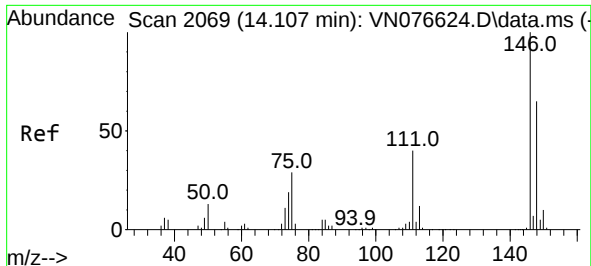
Tgt Ion:	91	Resp:	4868
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	25.6	13.2	39.5



#90
Hexachloroethane
Concen: 0.992 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:	117	Resp:	1788
Ion	Ratio	Lower	Upper
117	100		
201	63.4	35.5	106.7

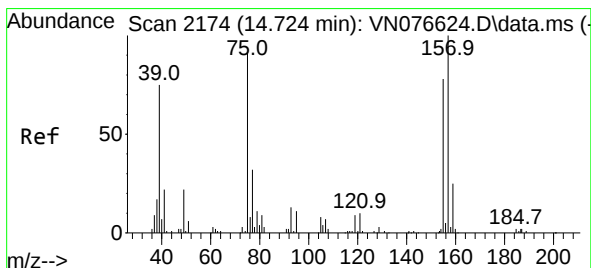
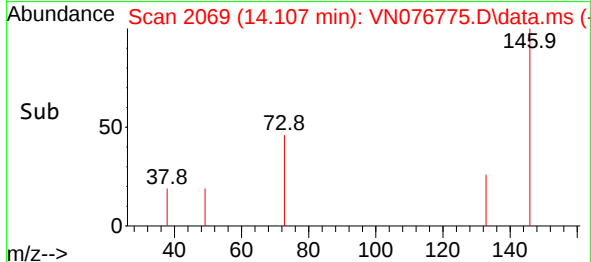
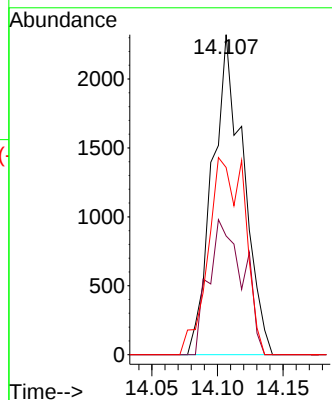
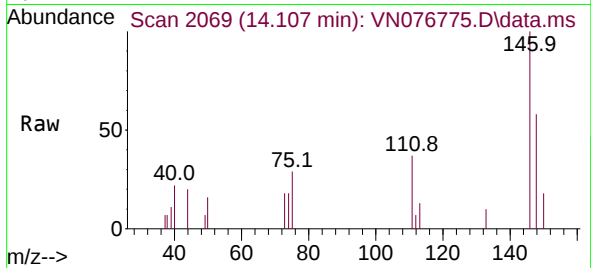




#91
1,2-Dichlorobenzene
Concen: 0.762 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

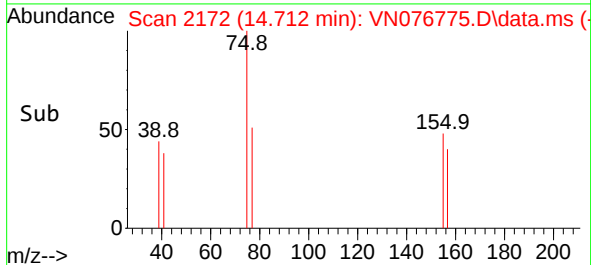
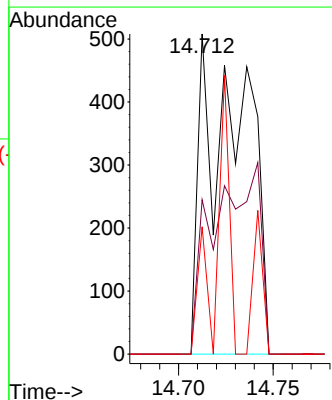
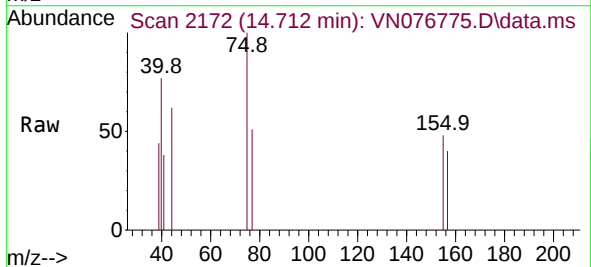
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

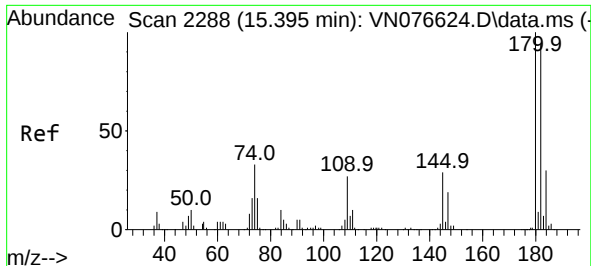
Tgt Ion:146 Resp: 3804
Ion Ratio Lower Upper
146 100
111 47.1 20.0 59.9
148 72.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.115 ug/l
RT: 14.712 min Scan# 2172
Delta R.T. -0.012 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion: 75 Resp: 808
Ion Ratio Lower Upper
75 100
155 0.0 43.4 130.2#
157 28.1 55.2 165.6#

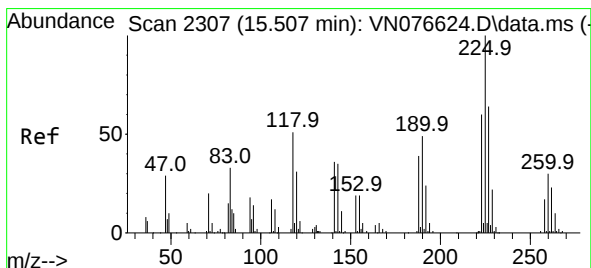
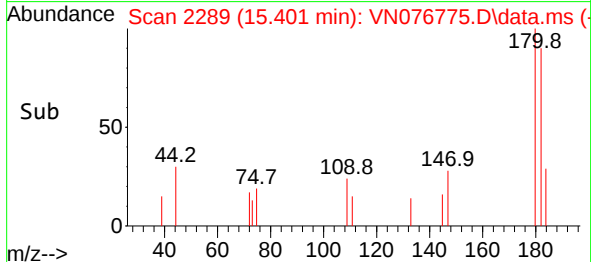
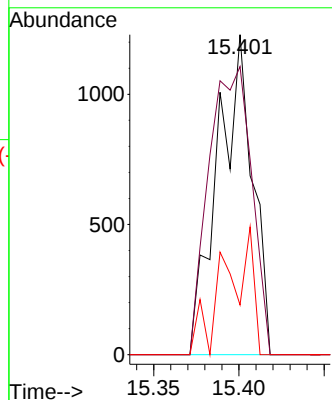
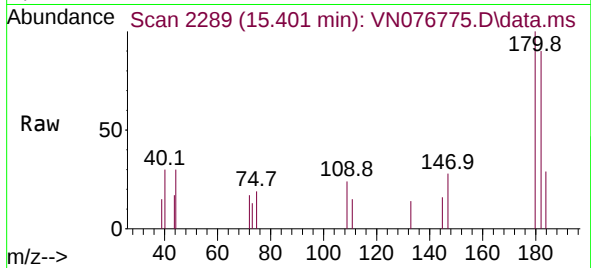




#93
1,2,4-Trichlorobenzene
Concen: 0.703 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

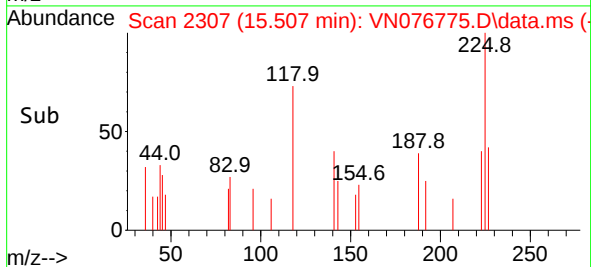
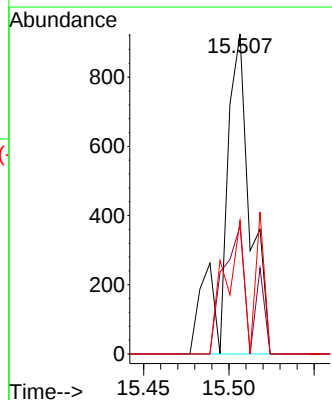
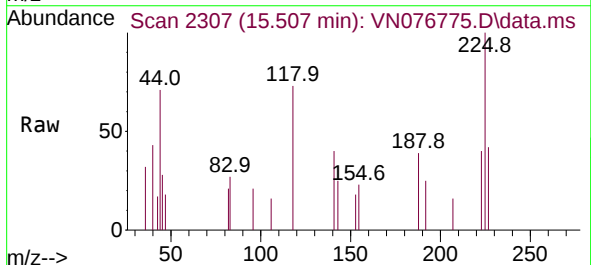
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

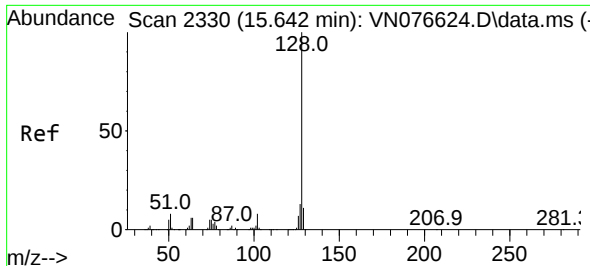
Tgt Ion:180 Resp: 1751
Ion Ratio Lower Upper
180 100
182 110.2 48.0 144.0
145 32.2 15.2 45.6



#94
Hexachlorobutadiene
Concen: 0.796 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:225 Resp: 972
Ion Ratio Lower Upper
225 100
223 40.9 31.6 95.0
227 45.0 31.3 93.9

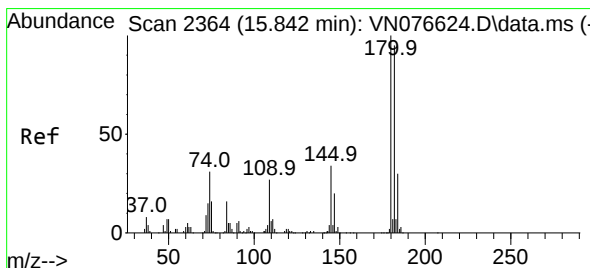
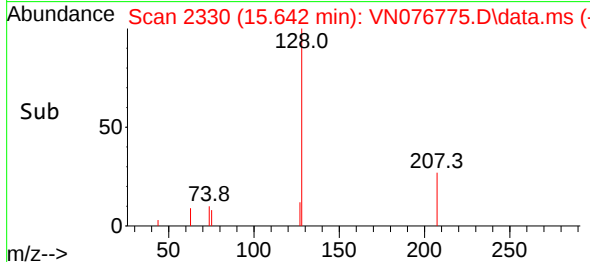
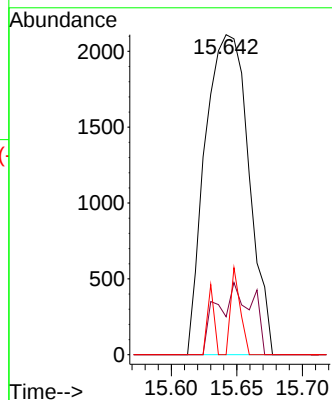
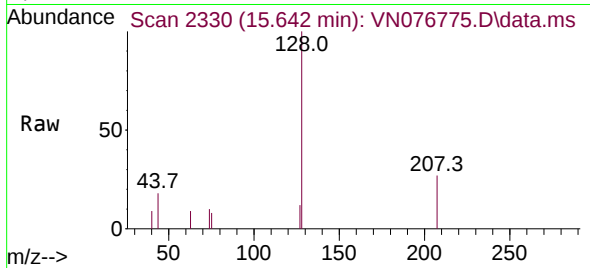




#95
Naphthalene
Concen: 0.647 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

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

Tgt Ion:128 Resp: 4889
Ion Ratio Lower Upper
128 100
127 17.8 10.6 16.0#
129 6.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.663 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076775.D
Acq: 22 Feb 2023 16:53

Tgt Ion:180 Resp: 1599
Ion Ratio Lower Upper
180 100
182 80.1 46.7 140.1
145 14.5 16.0 47.9#

