

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078467.D
 Acq On : 11 Jul 2023 17:27
 Operator : JC\MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 12 02:48:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 12 02:45:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	459417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	815636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	699427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328976	53.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.820%	
35) Dibromofluoromethane	8.177	113	286244	51.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.400%	
50) Toluene-d8	10.576	98	1044121	49.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.853	95	297411	46.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	15508	2.753	ug/l	79
3) Chloromethane	2.371	50	19239	3.142	ug/l	89
4) Vinyl Chloride	2.518	62	22512	2.843	ug/l	95
5) Bromomethane	2.953	94	17059	3.016	ug/l	84
6) Chloroethane	3.118	64	15630	2.920	ug/l	98
7) Trichlorofluoromethane	3.500	101	26619	2.812	ug/l	84
8) Diethyl Ether	3.965	74	9169	2.907	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.395	101	14251	2.844	ug/l #	20
10) Methyl Iodide	4.600	142	15249	2.214	ug/l #	95
11) Tert butyl alcohol	5.536	59	14620	15.394	ug/l #	93
12) 1,1-Dichloroethene	4.347	96	13078	2.698	ug/l	89
13) Acrolein	4.195	56	10510	11.248	ug/l	91
14) Allyl chloride	5.030	41	17671	2.668	ug/l	94
15) Acrylonitrile	5.736	53	32880	13.702	ug/l	98
16) Acetone	4.447	43	25552	13.319	ug/l	96
17) Carbon Disulfide	4.724	76	34190	2.439	ug/l	96
18) Methyl Acetate	5.047	43	23477	2.891	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	39954	2.501	ug/l	95
20) Methylene Chloride	5.289	84	20693	3.341	ug/l #	96
21) trans-1,2-Dichloroethene	5.789	96	14047m	2.571	ug/l	
22) Diisopropyl ether	6.677	45	38390	2.588	ug/l #	92
23) Vinyl Acetate	6.618	43	117452m	12.456	ug/l	
24) 1,1-Dichloroethane	6.583	63	27965	2.798	ug/l	99
25) 2-Butanone	7.494	43	40691	13.474	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	20068	2.455	ug/l	88
27) cis-1,2-Dichloroethene	7.488	96	16538	2.617	ug/l	98
28) Bromochloromethane	7.824	49	12347	2.623	ug/l	97
29) Tetrahydrofuran	7.847	42	25414	12.825	ug/l	85
30) Chloroform	7.971	83	27818	2.673	ug/l	86
31) Cyclohexane	8.271	56	29673	3.565	ug/l #	80
32) 1,1,1-Trichloroethane	8.183	97	25487	2.732	ug/l #	51
36) 1,1-Dichloropropene	8.377	75	19594	2.451	ug/l	97
37) Ethyl Acetate	7.571	43	18899	2.836	ug/l #	86
38) Carbon Tetrachloride	8.371	117	22132	2.547	ug/l #	80
39) Methylcyclohexane	9.612	83	17381	2.382	ug/l #	84
40) Benzene	8.612	78	61610	2.601	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	8582	2.526	ug/l	94
42) 1,2-Dichloroethane	8.677	62	21075	2.616	ug/l	98
43) Isopropyl Acetate	8.694	43	27167	2.476	ug/l	96
44) Trichloroethene	9.359	130	16262	2.548	ug/l	92
45) 1,2-Dichloropropane	9.635	63	15229	2.539	ug/l	90
46) Dibromomethane	9.724	93	11132	2.637	ug/l	94
47) Bromodichloromethane	9.888	83	22292	2.634	ug/l #	92
48) Methyl methacrylate	9.688	41	10414	2.049	ug/l	94
49) 1,4-Dioxane	9.706	88	5067	45.707	ug/l #	60
51) 4-Methyl-2-Pentanone	10.453	43	80281	12.301	ug/l	91
52) Toluene	10.635	92	37595	2.561	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	20208	2.331	ug/l #	86
54) cis-1,3-Dichloropropene	10.324	75	22998	2.488	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	15111	2.613	ug/l	95
56) Ethyl methacrylate	10.882	69	20056	2.481	ug/l #	85
57) 1,3-Dichloropropane	11.171	76	26982	2.744	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	33487	11.623	ug/l	98
59) 2-Hexanone	11.206	43	55628	11.993	ug/l	90
60) Dibromochloromethane	11.371	129	14672	2.298	ug/l	97
61) 1,2-Dibromoethane	11.476	107	15885	2.666	ug/l	88
64) Tetrachloroethene	11.106	164	14815	2.817	ug/l #	86
65) Chlorobenzene	11.900	112	37982	2.429	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	15013	2.496	ug/l	96
67) Ethyl Benzene	11.970	91	62924	2.381	ug/l	95
68) m/p-Xylenes	12.076	106	44635	4.568	ug/l	97
69) o-Xylene	12.400	106	22376	2.267	ug/l	95
70) Styrene	12.418	104	32328	2.094	ug/l	96
71) Bromoform	12.576	173	9500	2.332	ug/l #	99
73) Isopropylbenzene	12.700	105	53893	2.734	ug/l	97
74) N-amyl acetate	12.500	43	17766	2.616	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	19889	2.988	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	24378	4.808	ug/l	63
77) Bromobenzene	12.988	156	14399	2.974	ug/l	91
78) n-propylbenzene	13.041	91	56683	2.689	ug/l	100
79) 2-Chlorotoluene	13.129	91	35805	2.593	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	40340	2.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	5220	2.705	ug/l	88
82) 4-Chlorotoluene	13.223	91	32470	2.521	ug/l	99
83) tert-Butylbenzene	13.441	119	36317	2.747	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	36638	2.422	ug/l	95
85) sec-Butylbenzene	13.623	105	43178	2.584	ug/l	100
86) p-Isopropyltoluene	13.735	119	33492	2.496	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	19032	2.515	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	17294	2.269	ug/l	83
89) n-Butylbenzene	14.064	91	22025	2.294	ug/l	96
90) Hexachloroethane	14.335	117	8029	2.831	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	19999	2.656	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3239	2.952	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	3703	1.541	ug/l	87
94) Hexachlorobutadiene	15.506	225	4149	2.638	ug/l	95
95) Naphthalene	15.647	128	12081	1.470	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4440	1.607	ug/l	95

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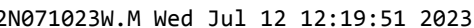
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

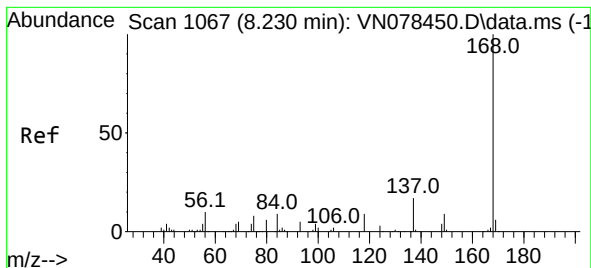
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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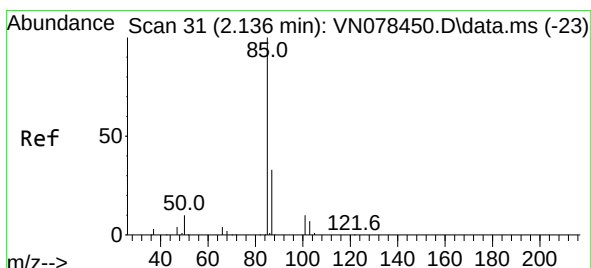
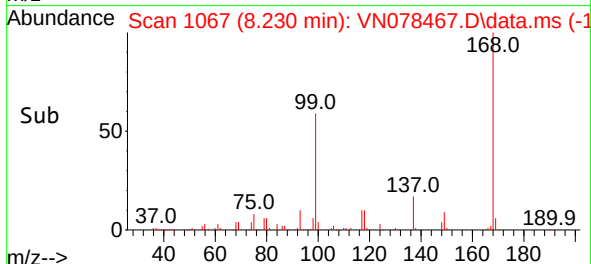
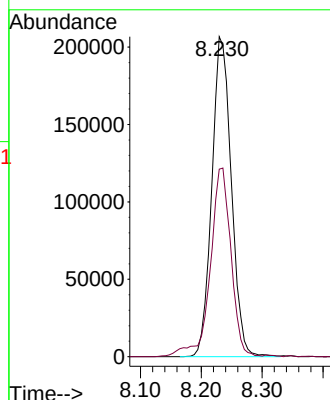
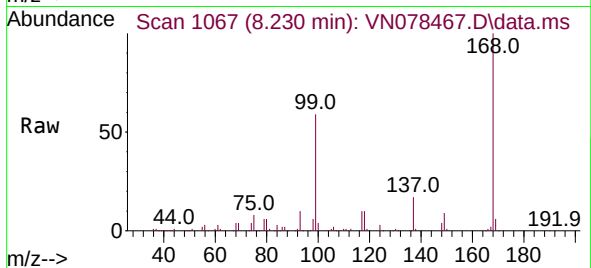




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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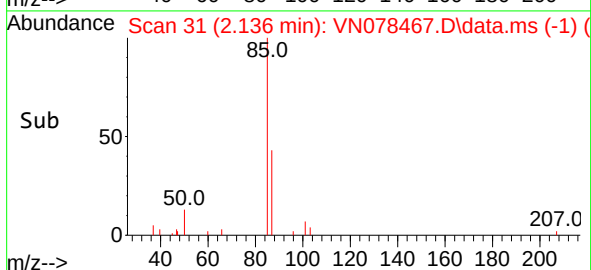
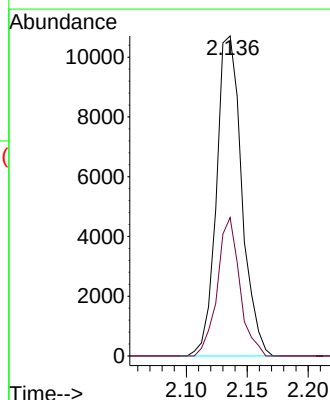
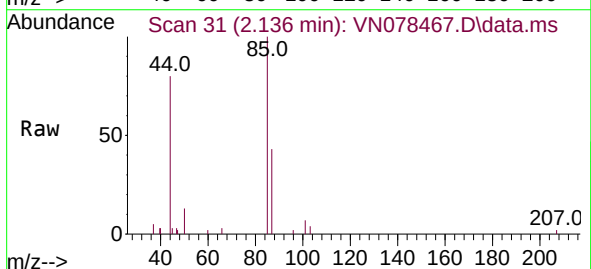
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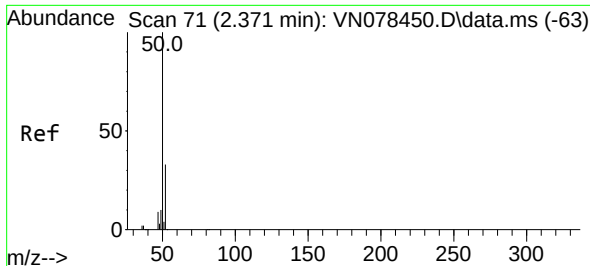
Tgt Ion:168 Resp: 459417
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 2.753 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 85 Resp: 15508
Ion Ratio Lower Upper
85 100
87 43.3 15.8 47.4

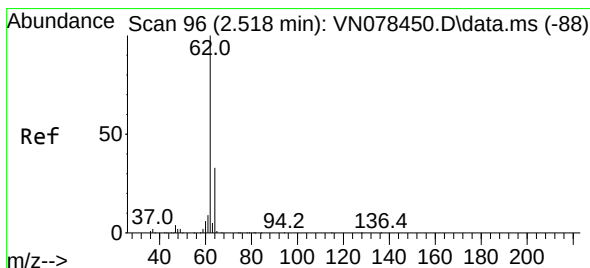
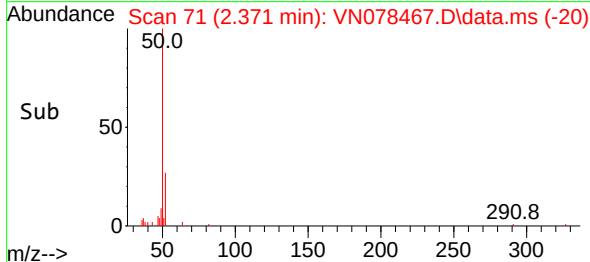
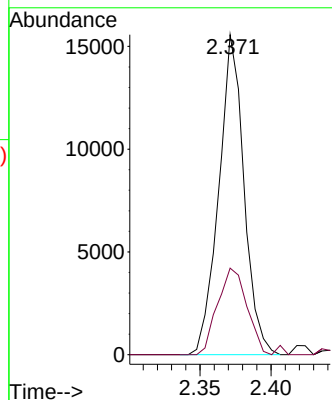
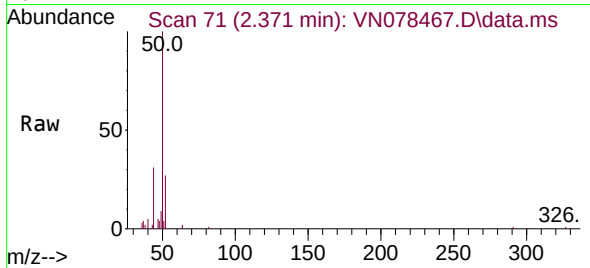




#3
Chloromethane
Concen: 3.142 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

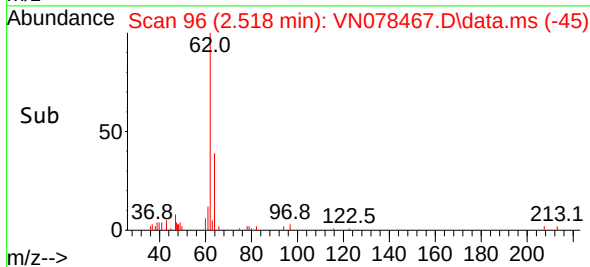
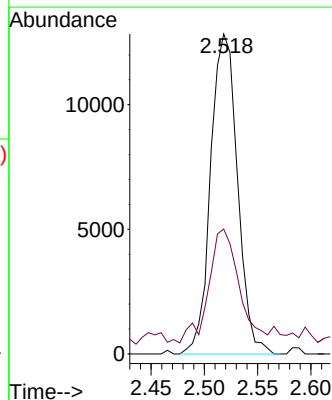
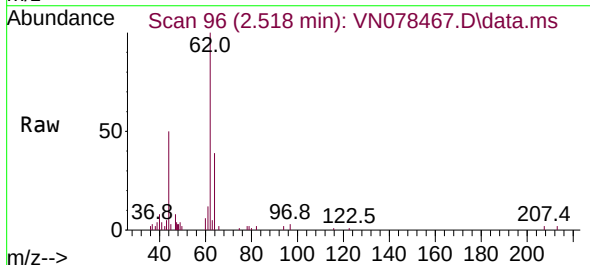
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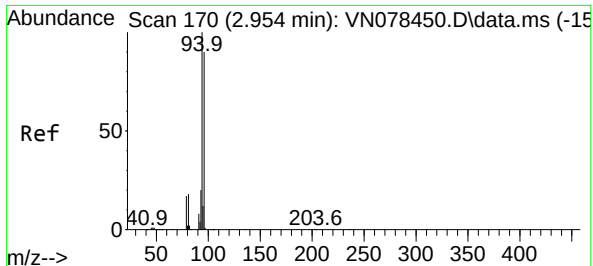
Tgt Ion: 50 Resp: 19239
Ion Ratio Lower Upper
50 100
52 27.1 26.5 39.7



#4
Vinyl Chloride
Concen: 2.843 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 62 Resp: 22512
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.2

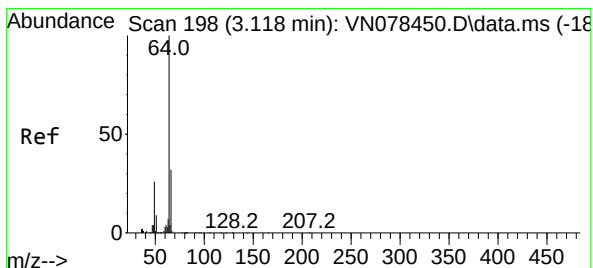
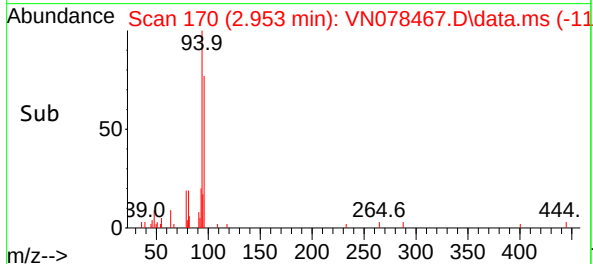
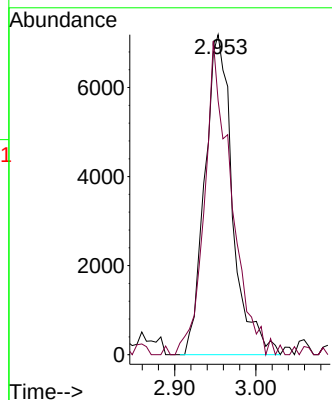
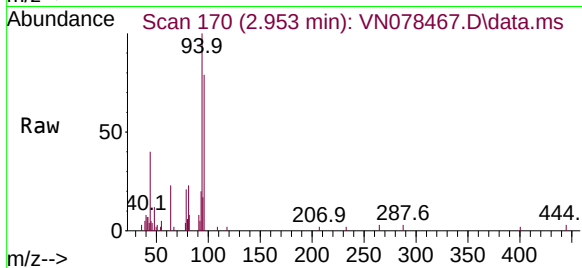




#5
Bromomethane
Concen: 3.016 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

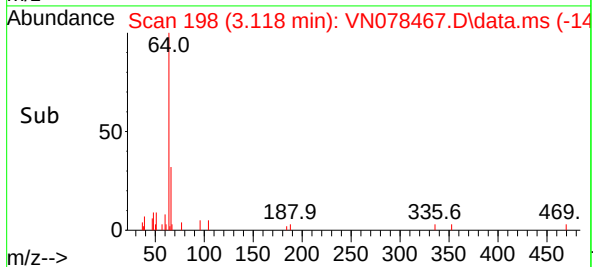
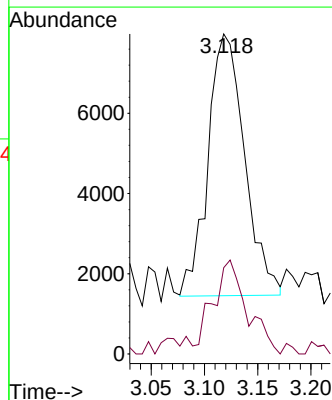
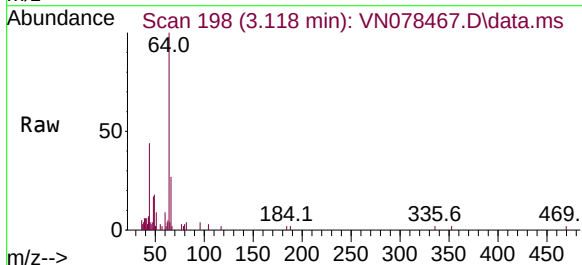
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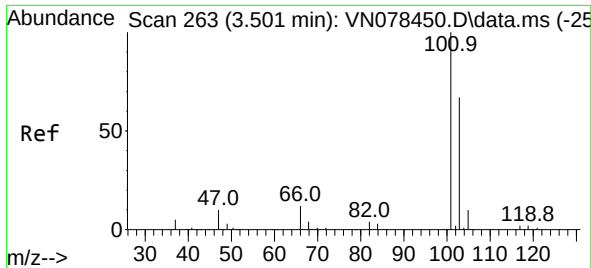
Tgt Ion: 94 Resp: 17059
Ion Ratio Lower Upper
94 100
96 76.4 73.1 109.7



#6
Chloroethane
Concen: 2.920 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 64 Resp: 15630
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

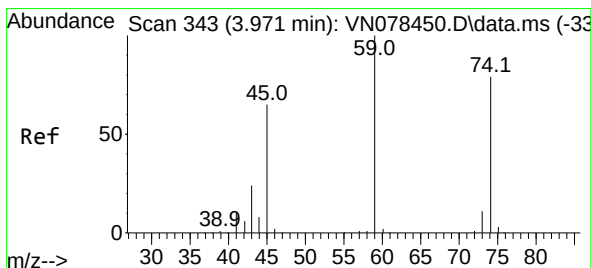
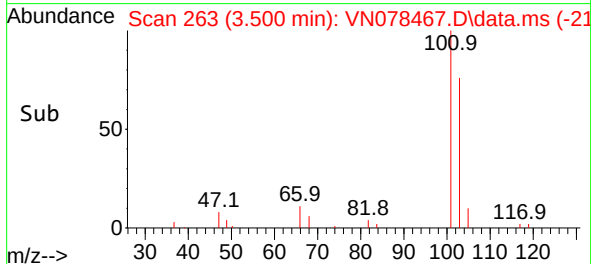
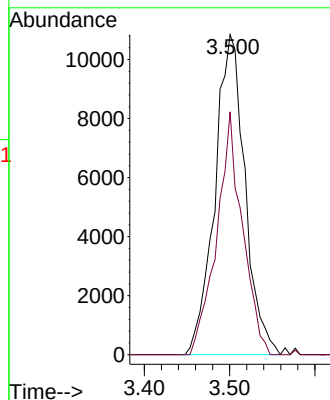
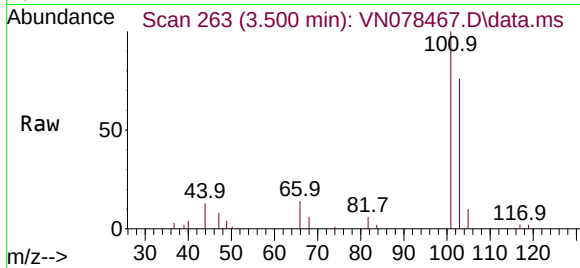




#7
 Trichlorofluoromethane
 Concen: 2.812 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

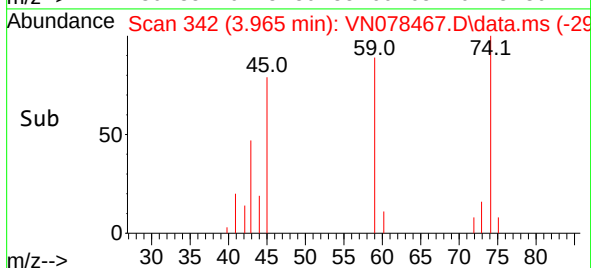
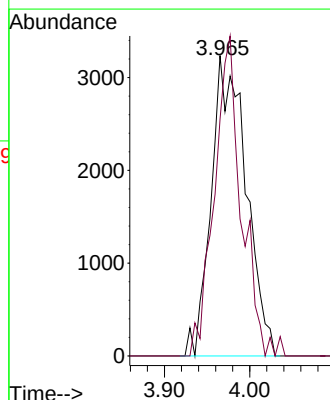
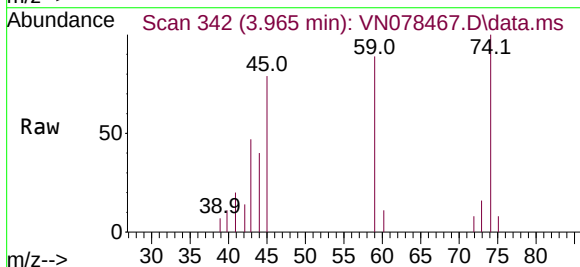
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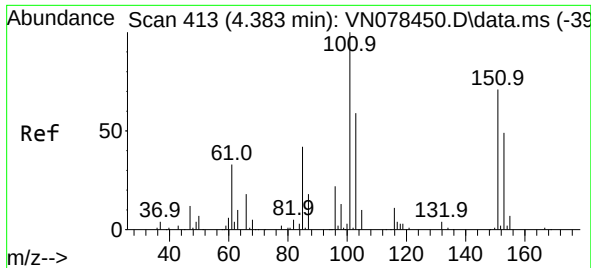
Tgt Ion:101 Resp: 26619
 Ion Ratio Lower Upper
 101 100
 103 75.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 2.907 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 9169
 Ion Ratio Lower Upper
 74 100
 45 83.0 34.4 103.3

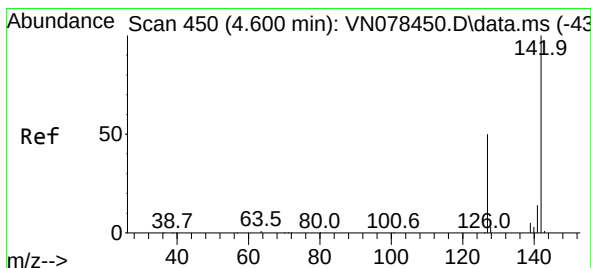
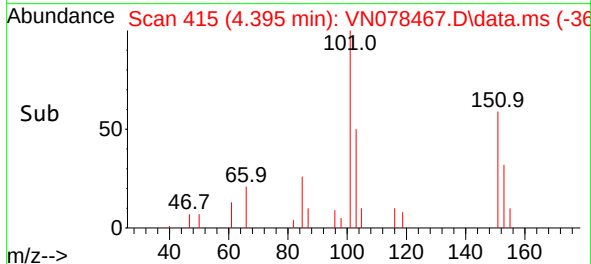
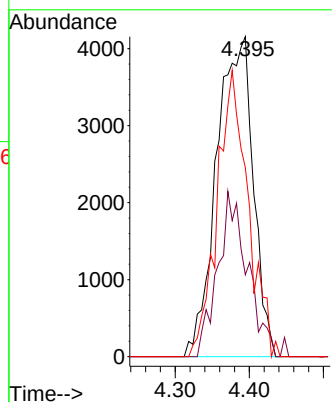
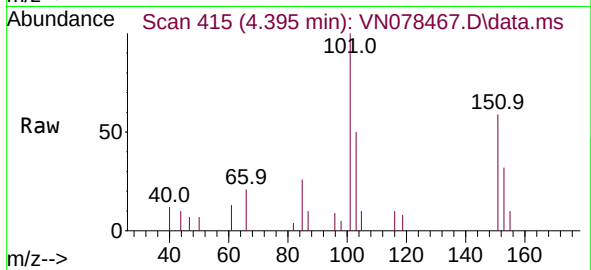




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.844 ug/l
RT: 4.395 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

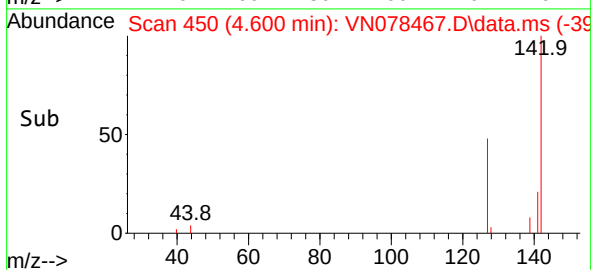
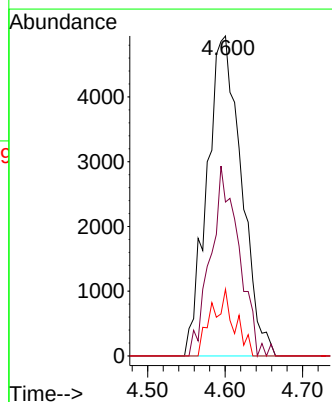
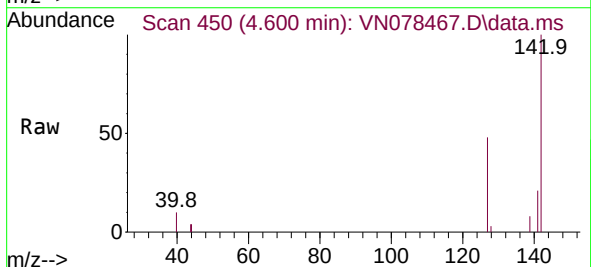
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

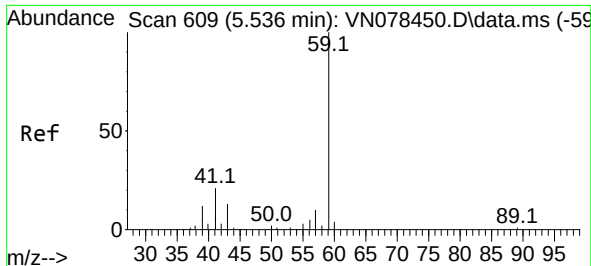
Tgt Ion:101 Resp: 14251
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 57.6 86.4#



#10
Methyl Iodide
Concen: 2.214 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:142 Resp: 15249
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 20.8 11.4 17.0#

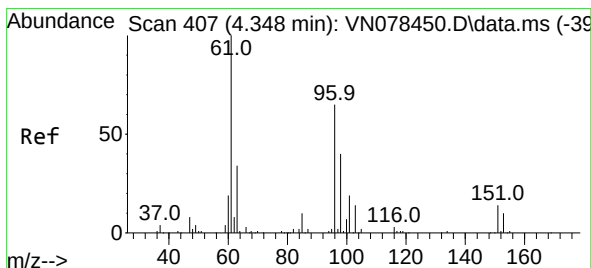
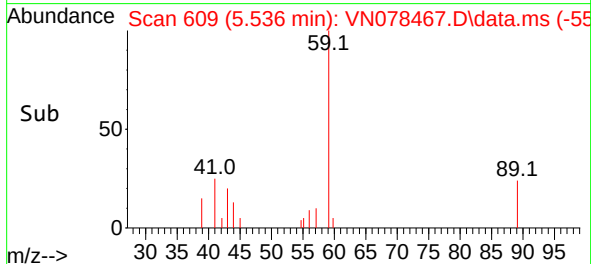
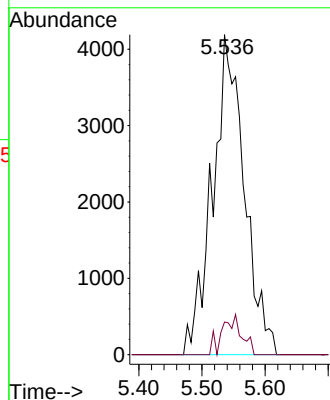
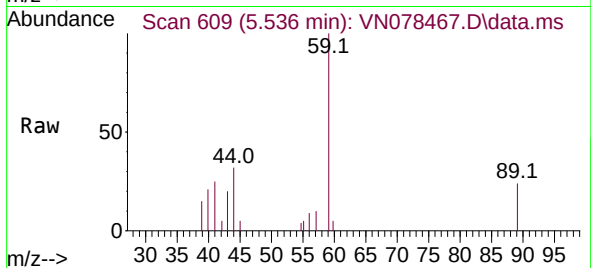




#11
Tert butyl alcohol
Concen: 15.394 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

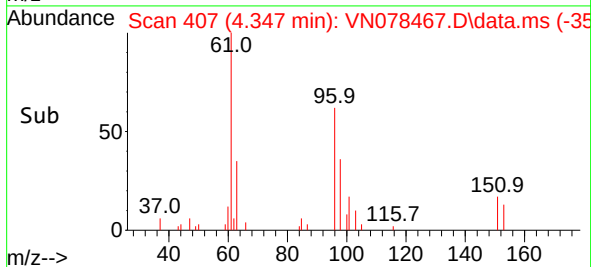
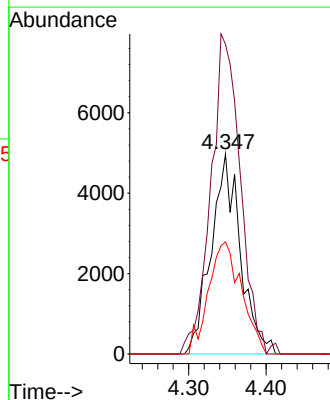
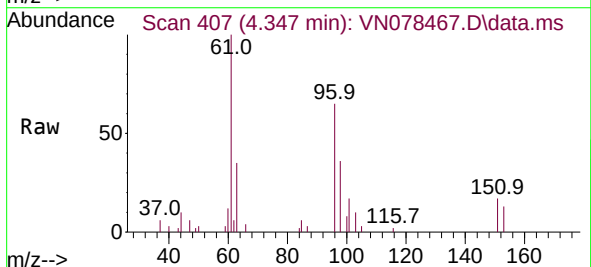
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

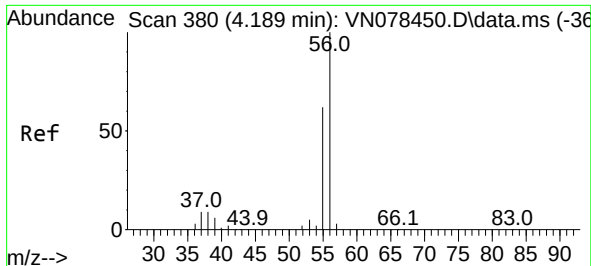
Tgt Ion: 59 Resp: 14620
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 2.698 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 96 Resp: 13078
Ion Ratio Lower Upper
96 100
61 154.9 112.7 169.1
98 56.1 51.2 76.8





#13

Acrolein

Concen: 11.248 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

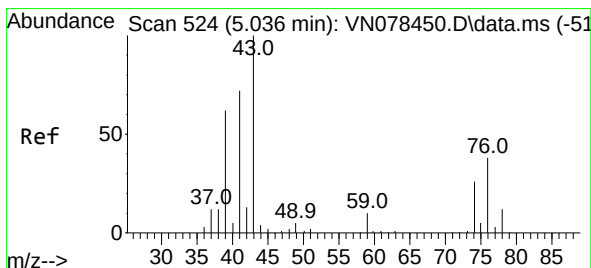
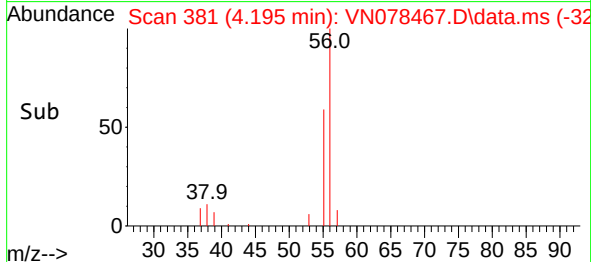
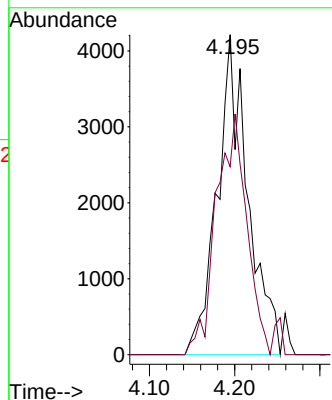
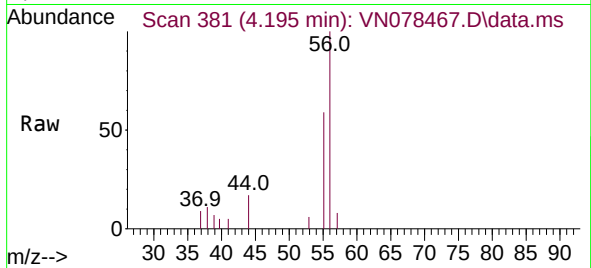
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 10510

Ion Ratio Lower Upper

56 100

55 75.1 54.5 81.7



#14

Allyl chloride

Concen: 2.668 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

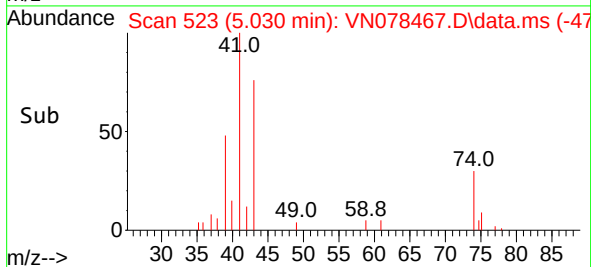
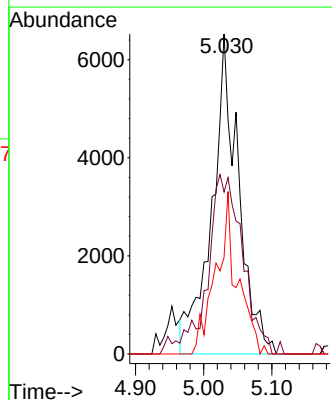
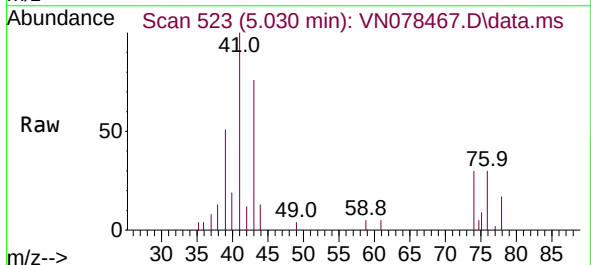
Tgt Ion: 41 Resp: 17671

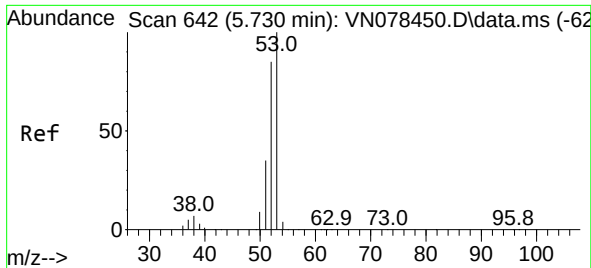
Ion Ratio Lower Upper

41 100

39 71.9 58.8 88.2

76 40.8 39.1 58.7

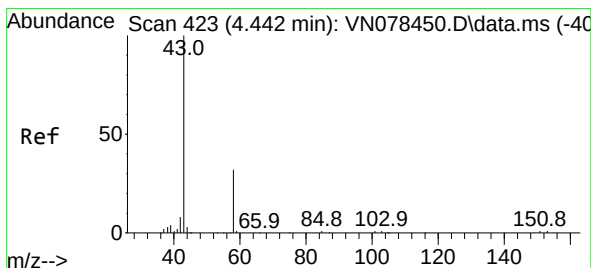
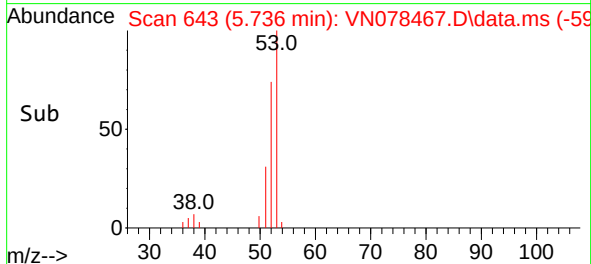
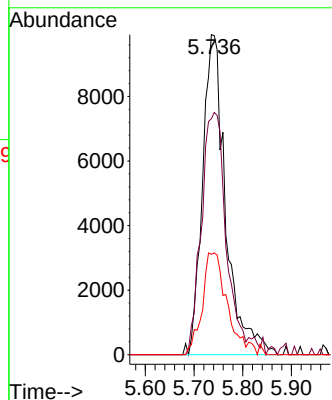
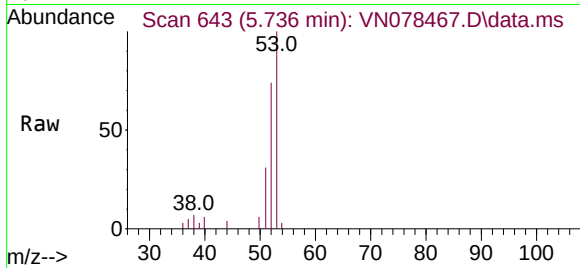




#15
Acrylonitrile
Concen: 13.702 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

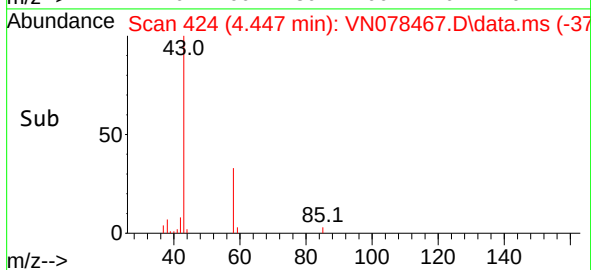
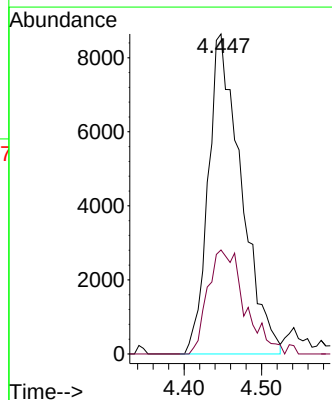
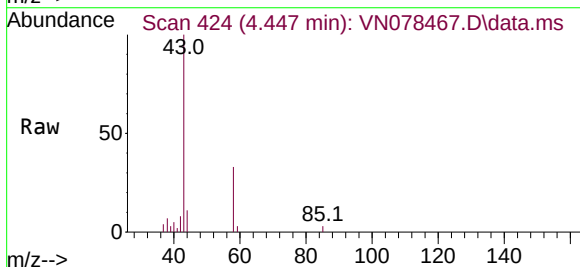
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

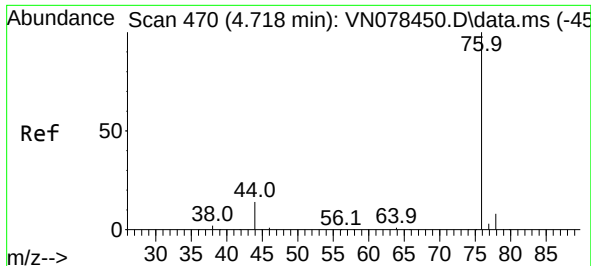
Tgt Ion: 53	Resp:	32880
Ion	Ratio	Lower Upper
53	100	
52	80.6	65.3 97.9
51	34.2	28.9 43.3



#16
Acetone
Concen: 13.319 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 43	Resp:	25552
Ion	Ratio	Lower Upper
43	100	
58	32.5	28.0 42.0

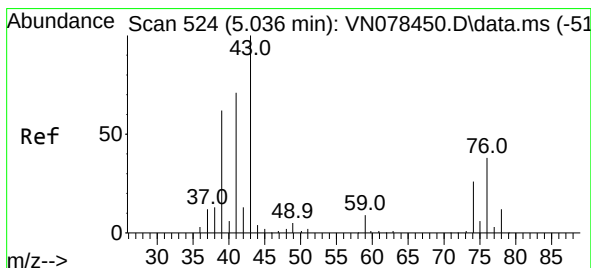
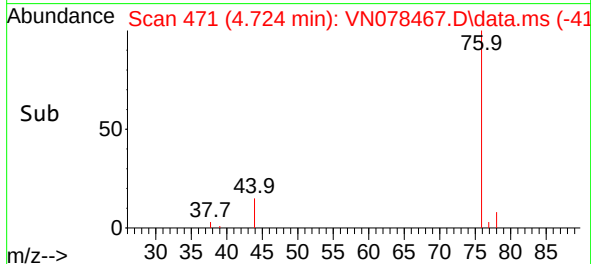
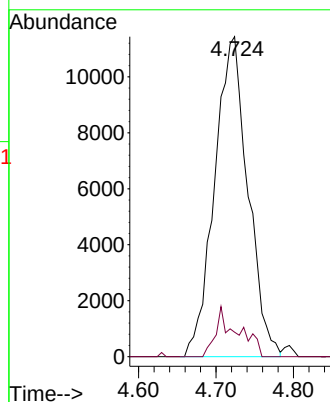
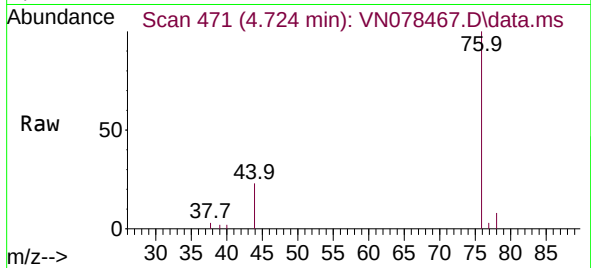




#17
Carbon Disulfide
Concen: 2.439 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

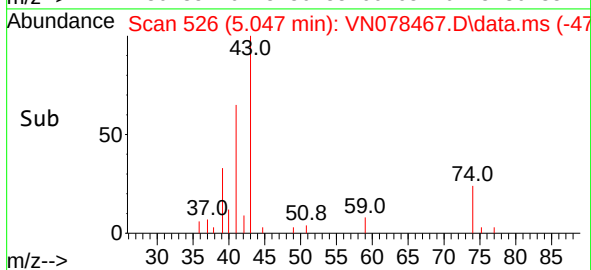
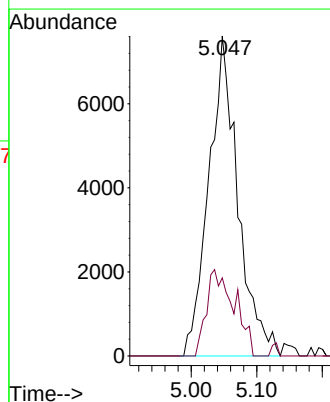
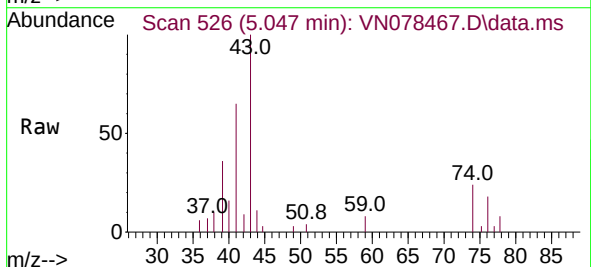
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

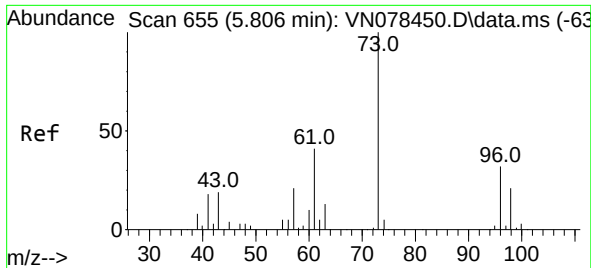
Tgt Ion: 76 Resp: 34190
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



#18
Methyl Acetate
Concen: 2.891 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 43 Resp: 23477
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#

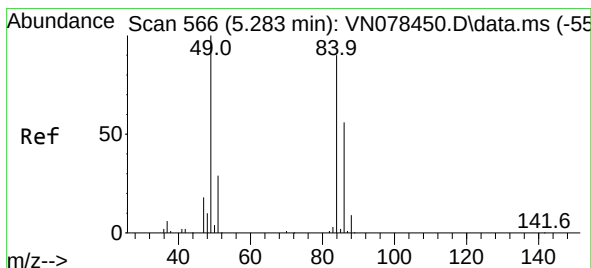
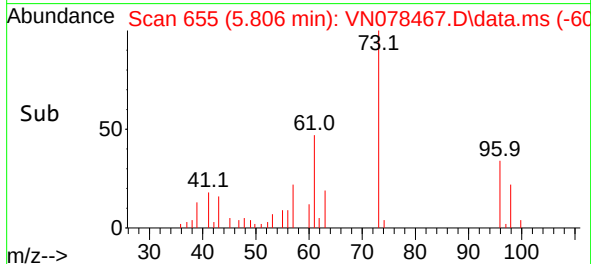
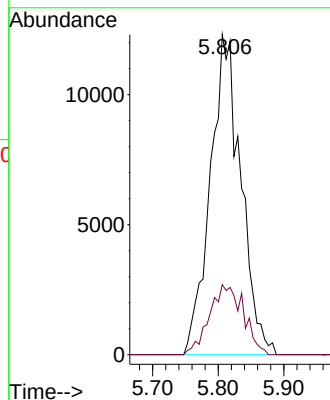
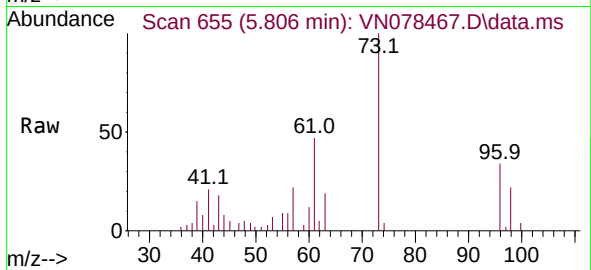




#19
Methyl tert-butyl Ether
Concen: 2.501 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

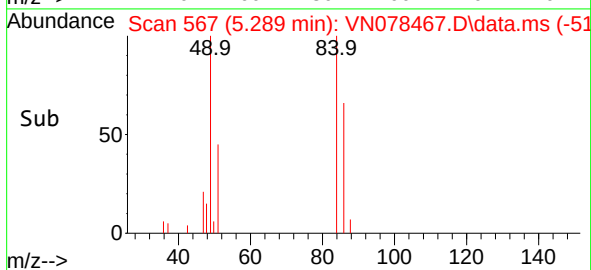
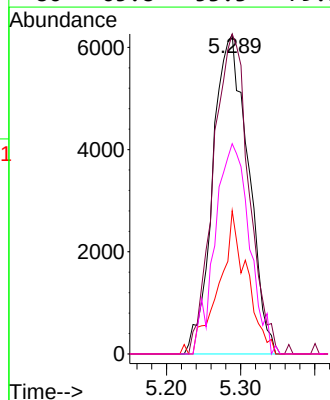
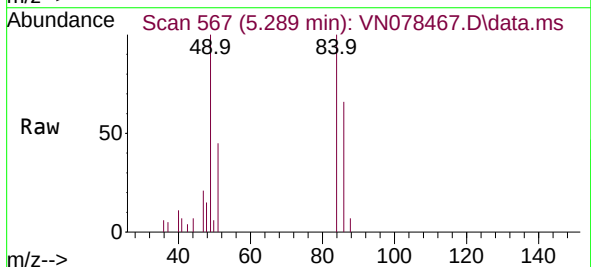
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

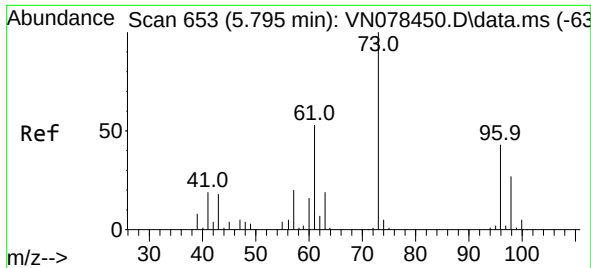
Tgt Ion: 73 Resp: 39954
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4



#20
Methylene Chloride
Concen: 3.341 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 84 Resp: 20693
Ion Ratio Lower Upper
84 100
49 100.2 79.7 119.5
51 44.8 25.2 37.8#
86 65.8 53.3 79.9

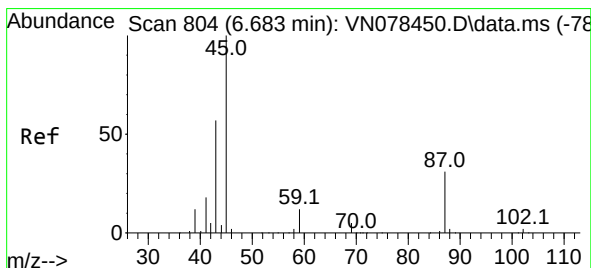
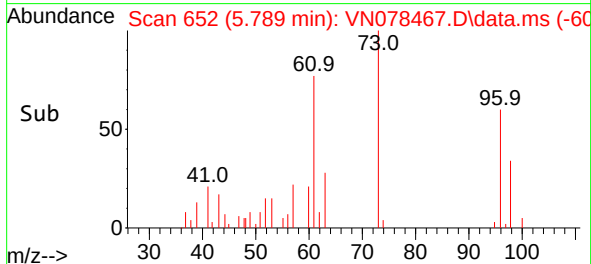
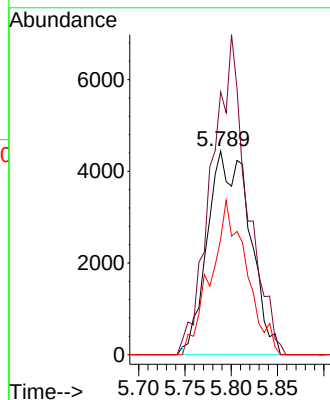
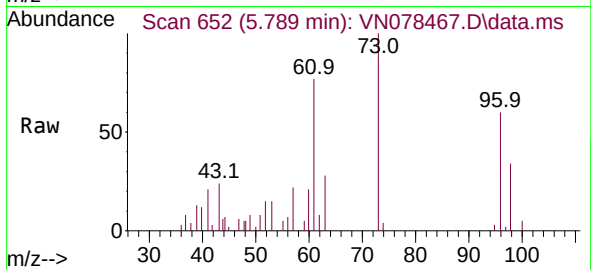




#21
trans-1,2-Dichloroethene
Concen: 2.571 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

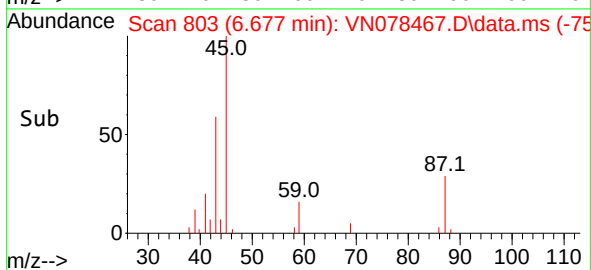
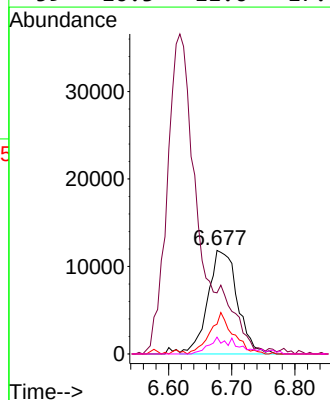
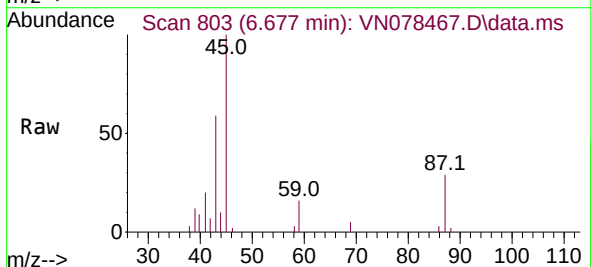
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

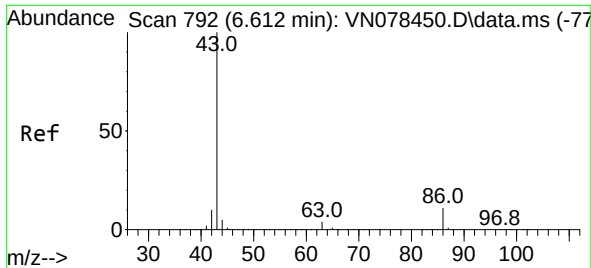
Tgt Ion: 96 Resp: 14047
Ion Ratio Lower Upper
96 100
61 129.0 90.1 135.1
98 56.8 46.4 69.6



#22
Diisopropyl ether
Concen: 2.588 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 45 Resp: 38390
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 28.8 31.8 47.8#
59 16.3 11.6 17.4

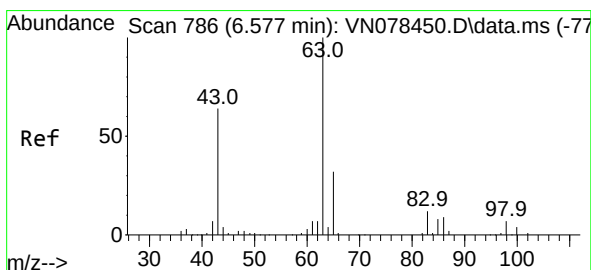
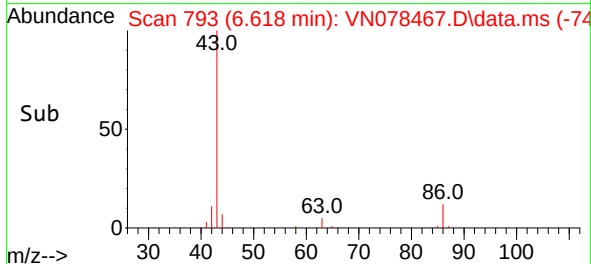
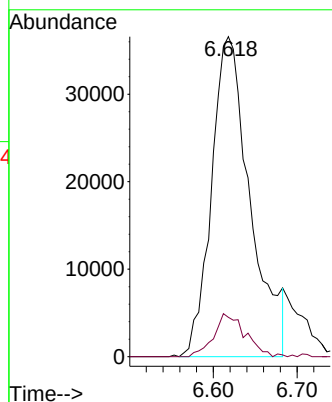
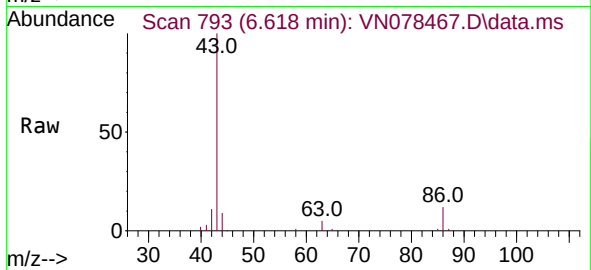




#23
 Vinyl Acetate
 Concen: 12.456 ug/l m
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

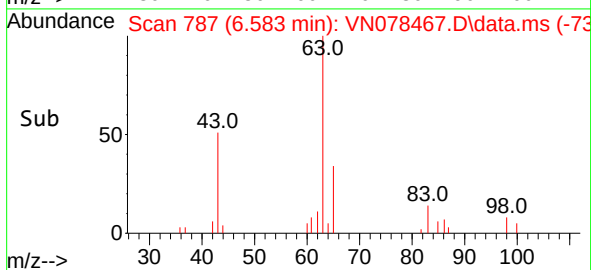
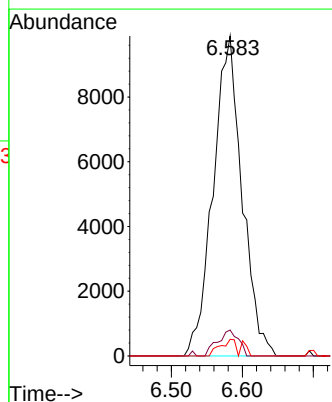
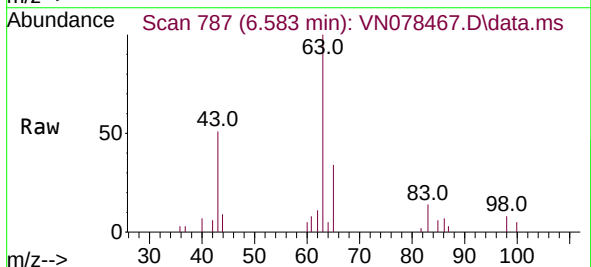
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

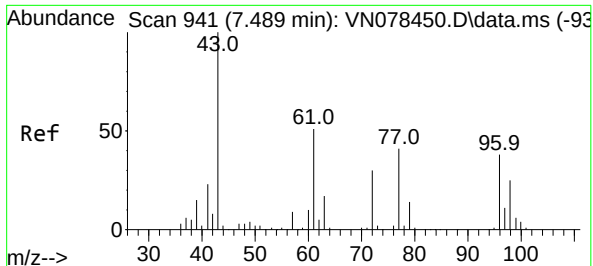
Tgt Ion: 43 Resp: 117452
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 2.798 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

Tgt Ion: 63 Resp: 27965
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.2 2.5 7.4





#25

2-Butanone

Concen: 13.474 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.005 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

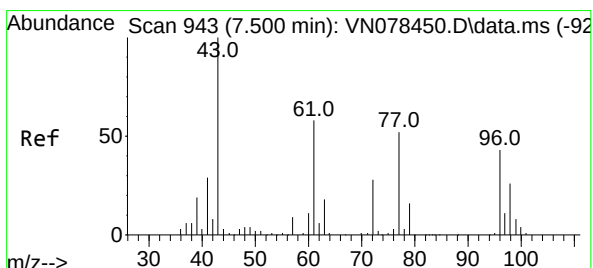
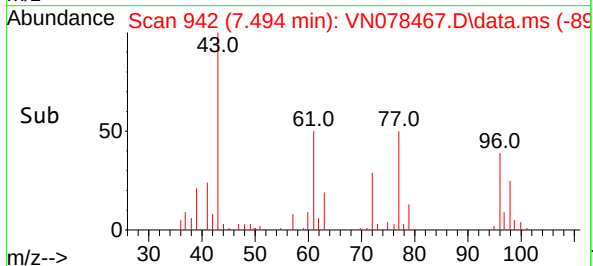
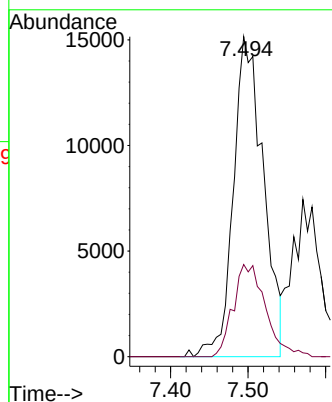
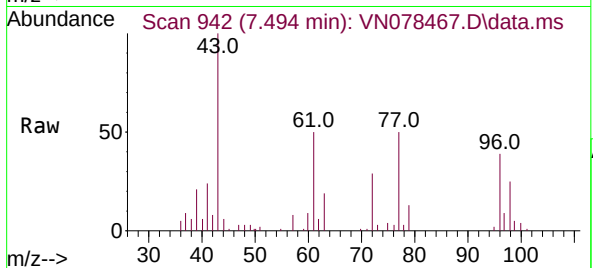
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 40691

Ion Ratio Lower Upper

43 100

72 28.8 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 2.455 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078467.D

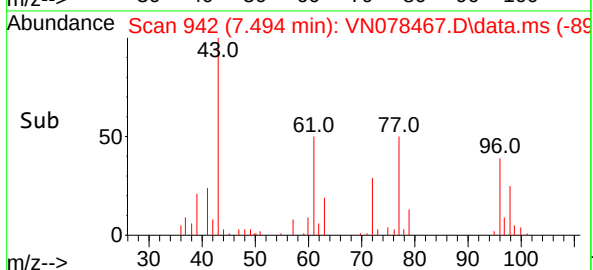
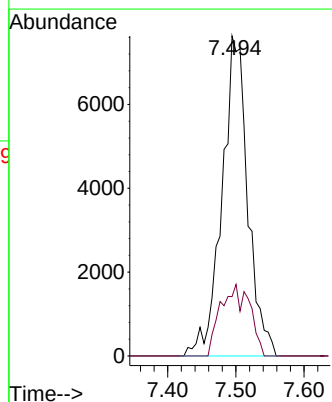
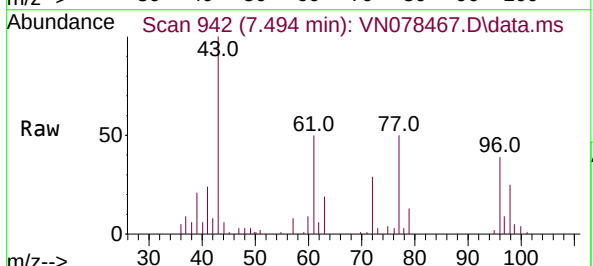
Acq: 11 Jul 2023 17:27

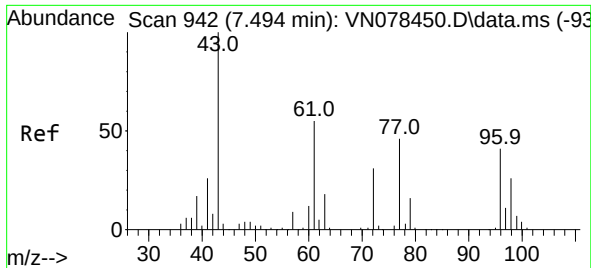
Tgt Ion: 77 Resp: 20068

Ion Ratio Lower Upper

77 100

97 16.7 11.2 33.6

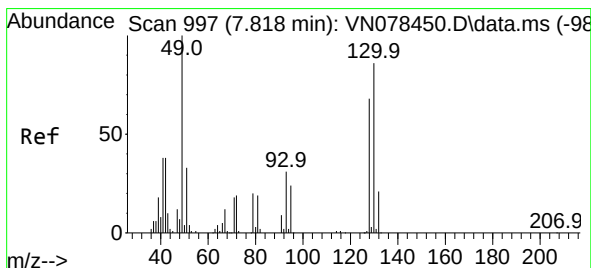
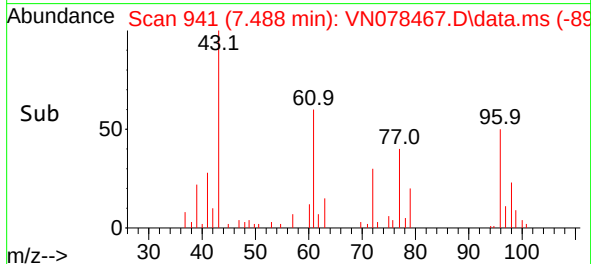
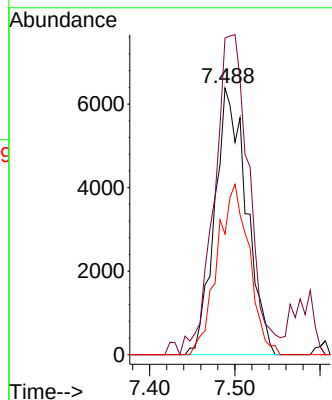
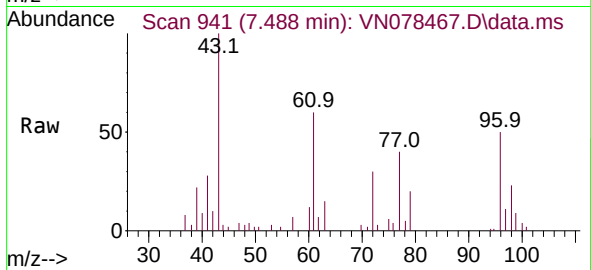




#27
 cis-1,2-Dichloroethene
 Concen: 2.617 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

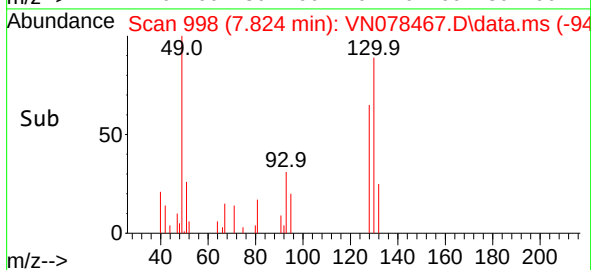
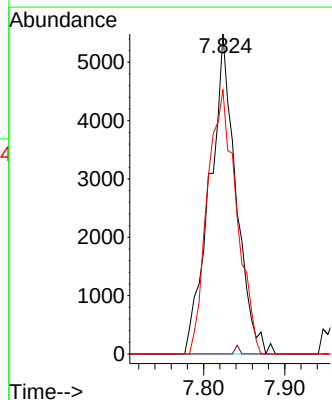
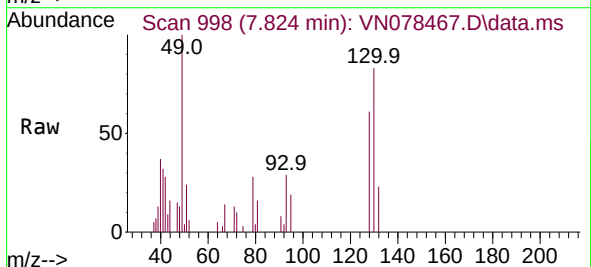
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

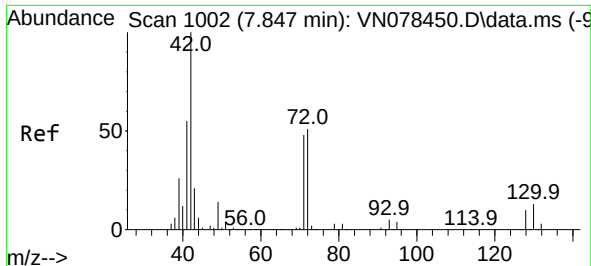
Tgt Ion: 96 Resp: 16538
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 255.2
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 2.623 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

Tgt Ion: 49 Resp: 12347
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.8
 130 91.0 75.3 112.9

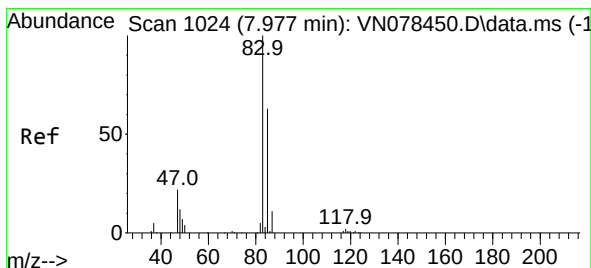
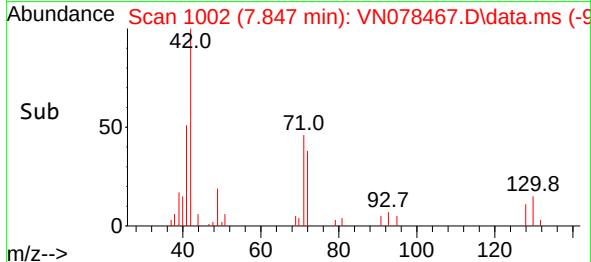
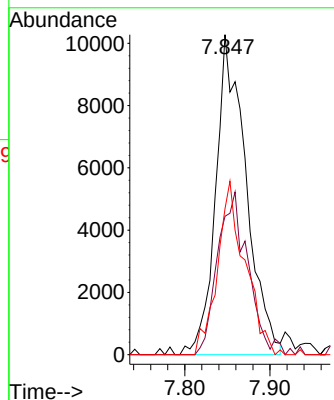
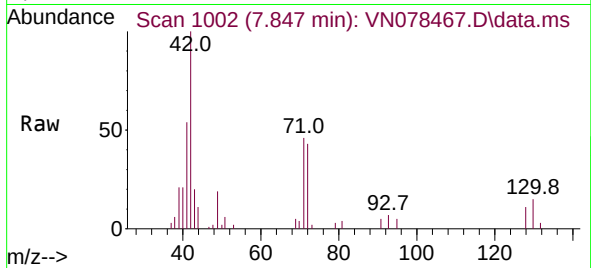




#29
Tetrahydrofuran
Concen: 12.825 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

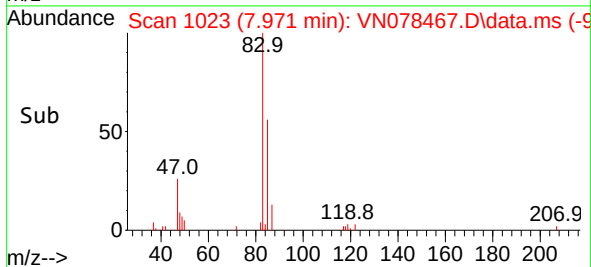
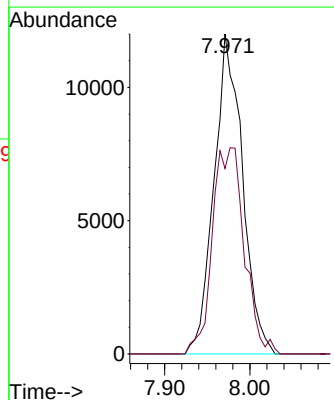
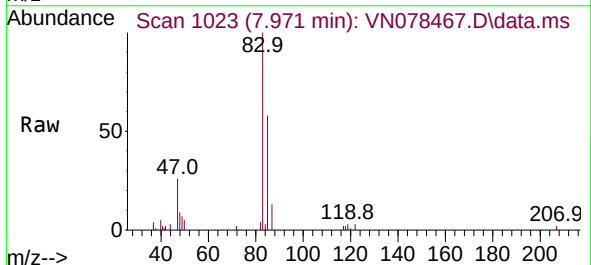
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

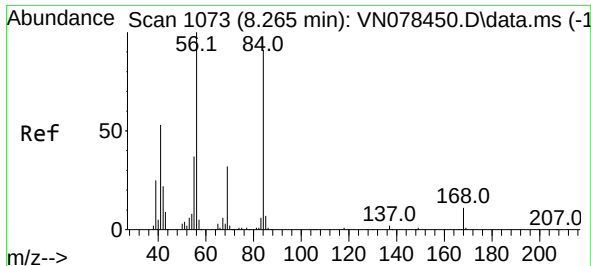
Tgt Ion:	42	Resp:	25414
Ion	Ratio	Lower	Upper
42	100		
72	49.8	49.8	74.6
71	49.3	47.4	71.2



#30
Chloroform
Concen: 2.673 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:	83	Resp:	27818
Ion	Ratio	Lower	Upper
83	100		
85	57.9	55.4	83.0

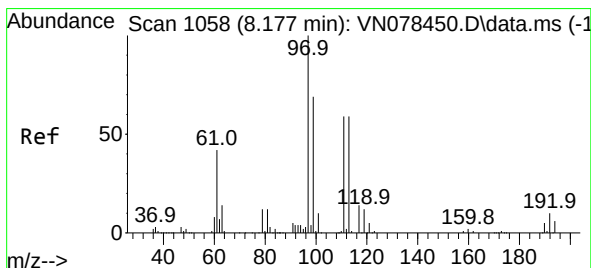
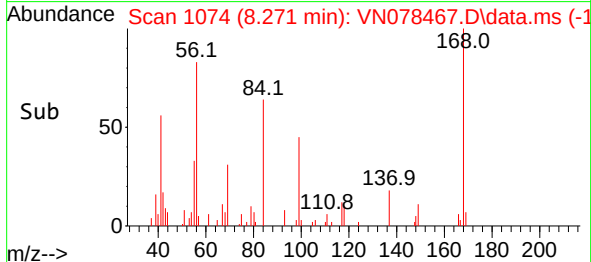
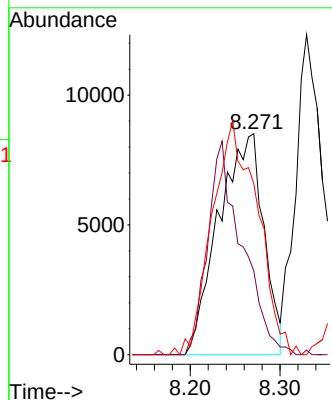
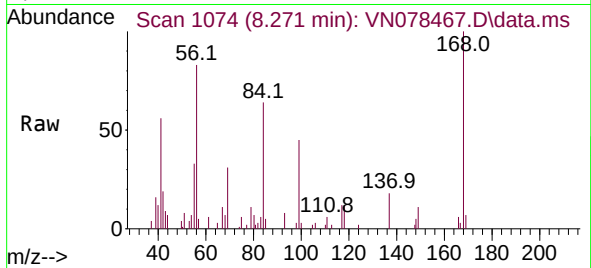




#31
Cyclohexane
Concen: 3.565 ug/l
RT: 8.271 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

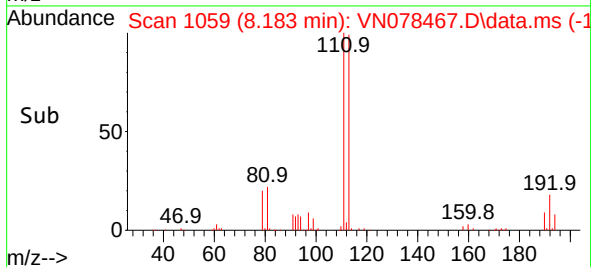
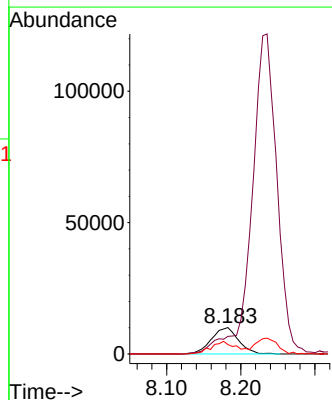
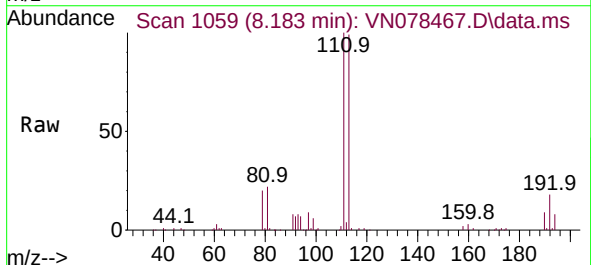
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

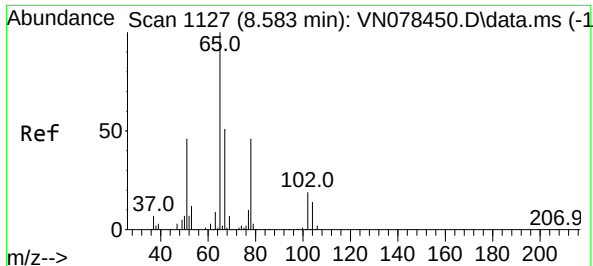
Tgt Ion: 56 Resp: 29673
Ion Ratio Lower Upper
56 100
69 37.9 26.8 40.2
84 77.3 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 2.732 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 97 Resp: 25487
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 45.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.414 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

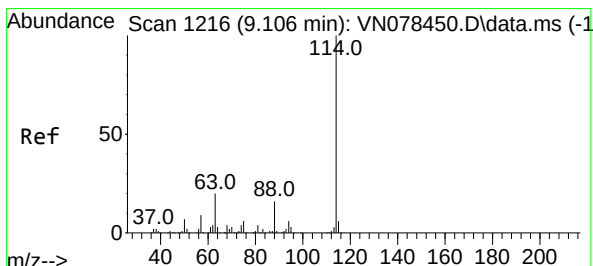
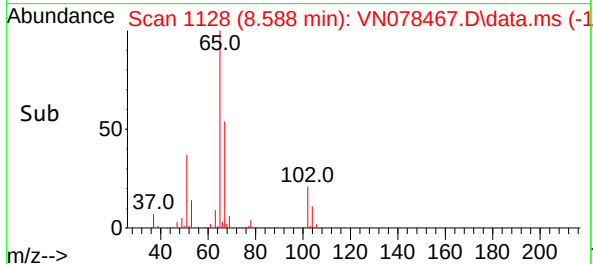
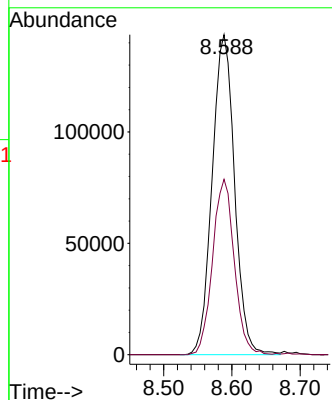
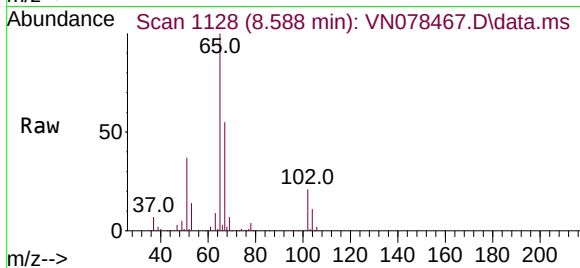
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 328976

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

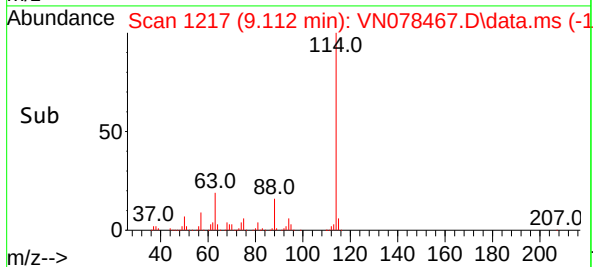
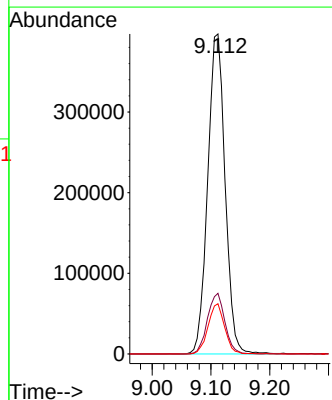
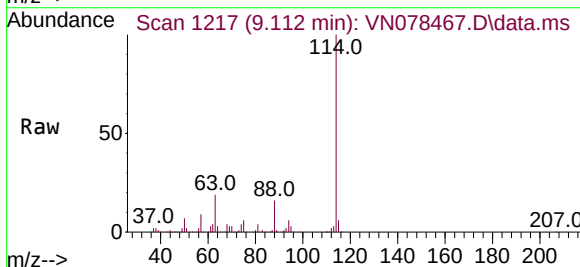
Tgt Ion: 114 Resp: 815636

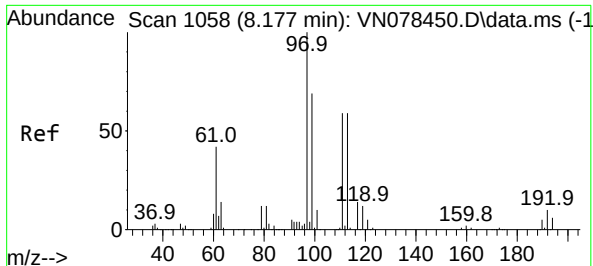
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.699 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

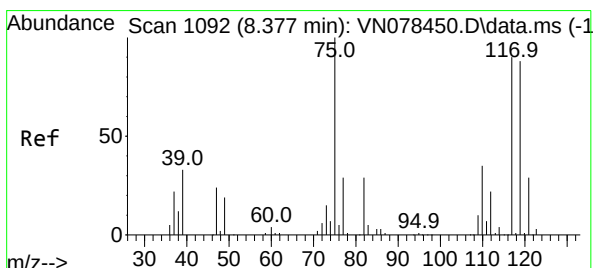
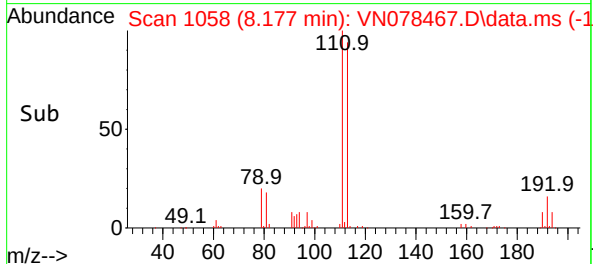
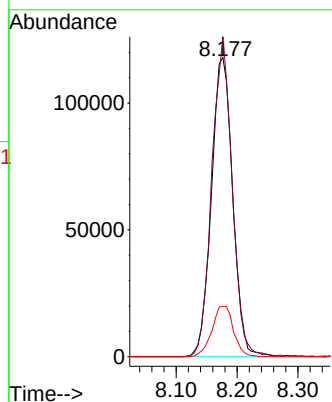
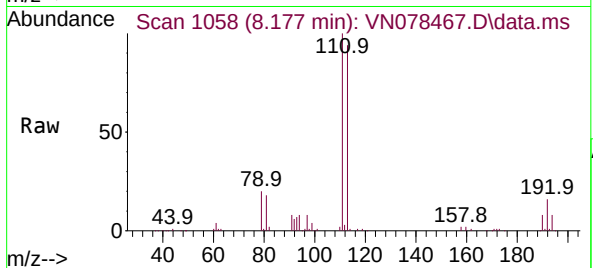
Tgt Ion:113 Resp: 286244

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 2.451 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

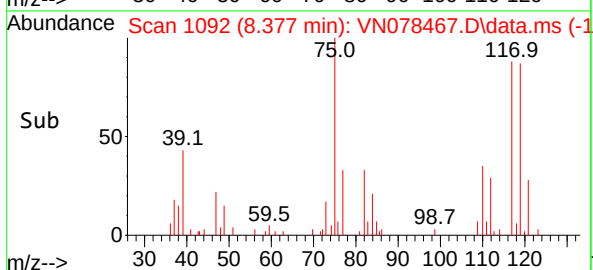
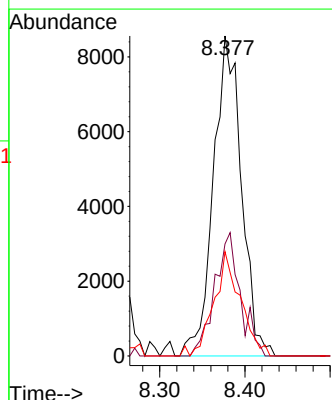
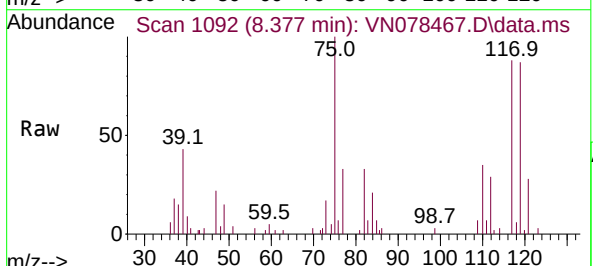
Tgt Ion: 75 Resp: 19594

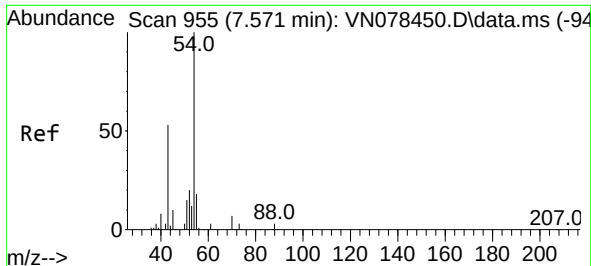
Ion Ratio Lower Upper

75 100

110 35.0 19.1 57.3

77 30.5 25.0 37.4

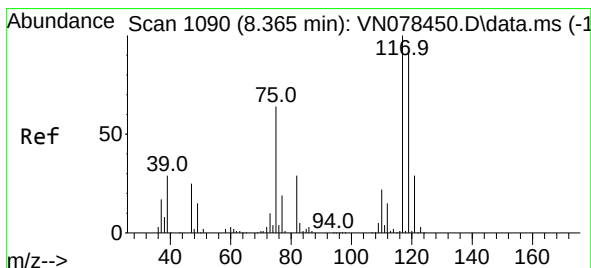
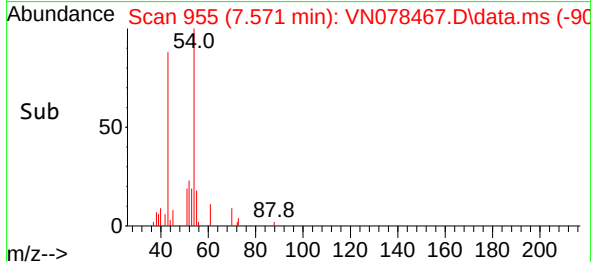
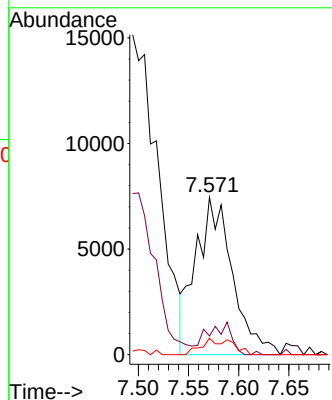
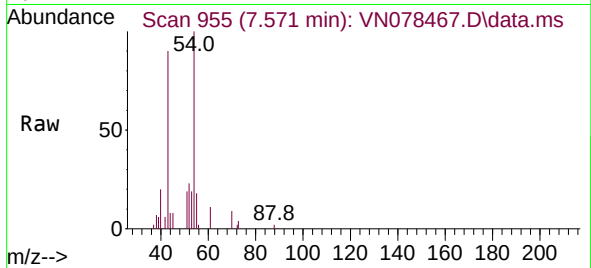




#37
Ethyl Acetate
Concen: 2.836 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

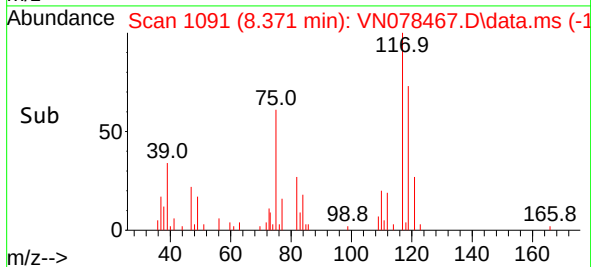
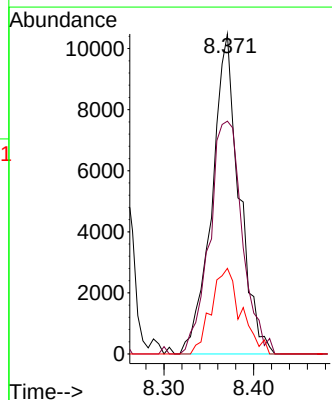
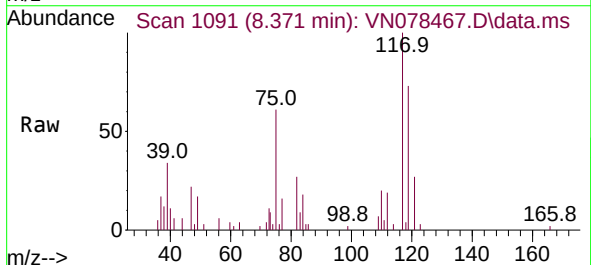
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

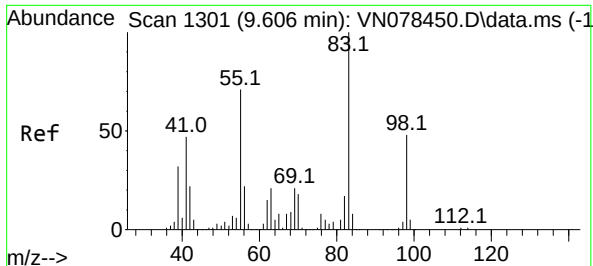
Tgt Ion: 43 Resp: 18899
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 5.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 2.547 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 117 Resp: 22132
Ion Ratio Lower Upper
117 100
119 72.8 77.3 115.9#
121 26.7 23.3 34.9





#39

Methylcyclohexane

Concen: 2.382 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

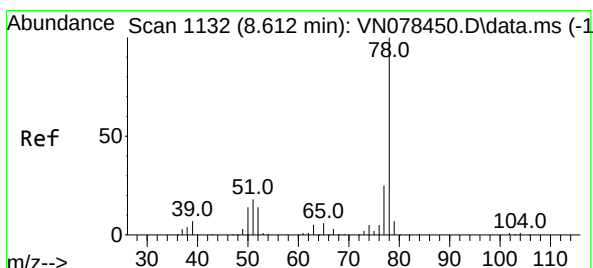
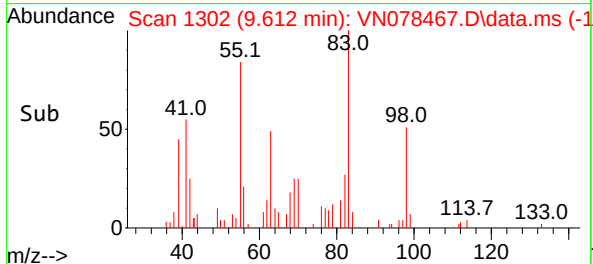
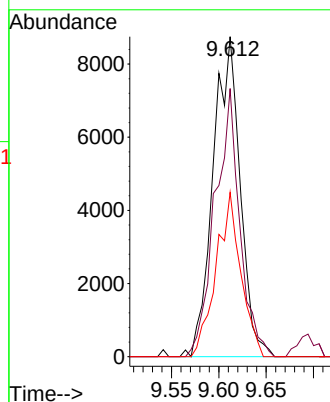
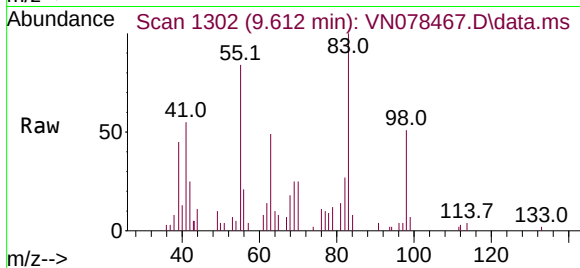
Tgt Ion: 83 Resp: 17381

Ion Ratio Lower Upper

83 100

55 83.8 49.1 73.7#

98 51.4 40.6 61.0



#40

Benzene

Concen: 2.601 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078467.D

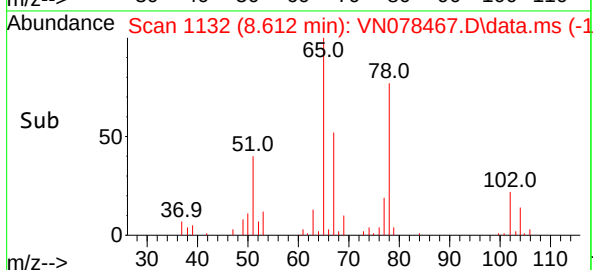
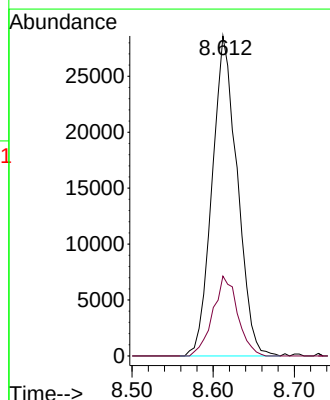
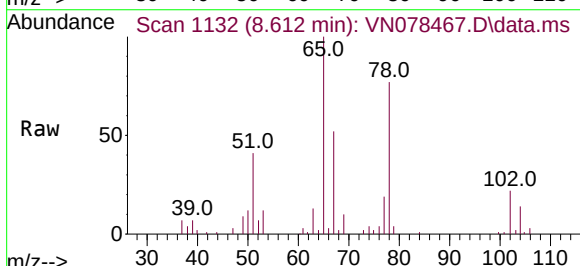
Acq: 11 Jul 2023 17:27

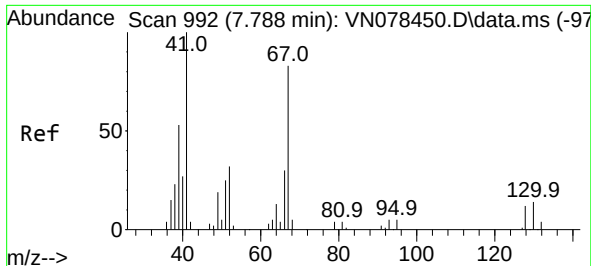
Tgt Ion: 78 Resp: 61610

Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.6

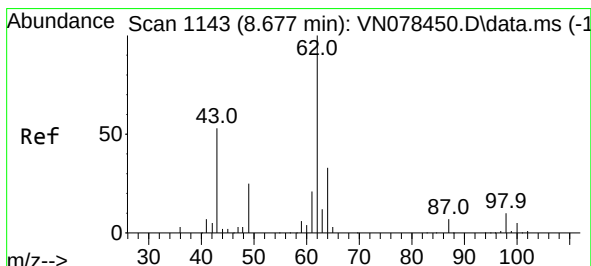
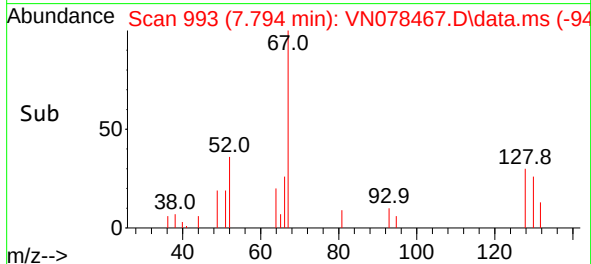
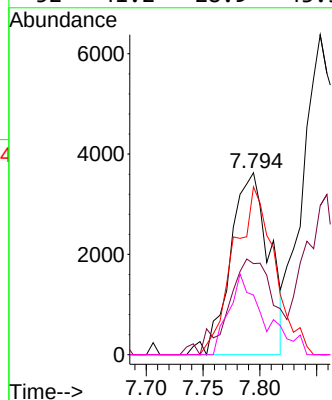
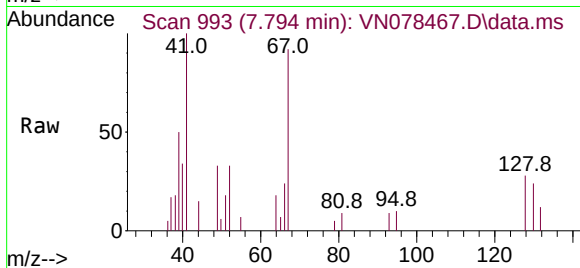




#41
Methacrylonitrile
Concen: 2.526 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

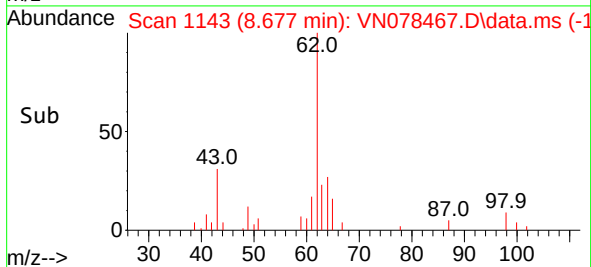
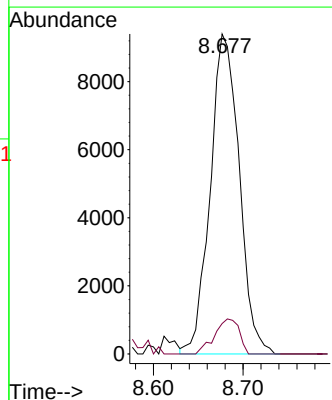
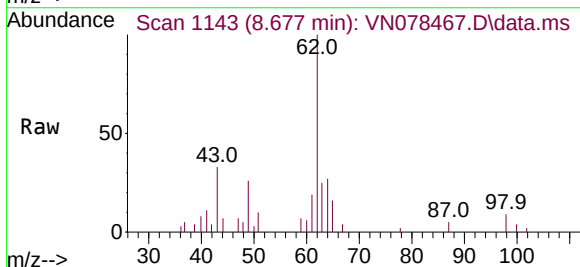
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

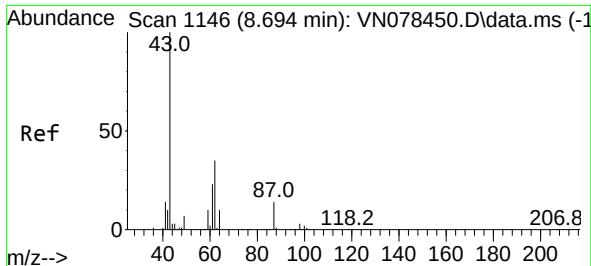
Tgt Ion: 41	Resp: 8582
Ion Ratio	Lower Upper
41 100	
39 62.3	42.6 64.0
67 97.7	77.5 116.3
52 41.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 2.616 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 62	Resp: 21075
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 19.8

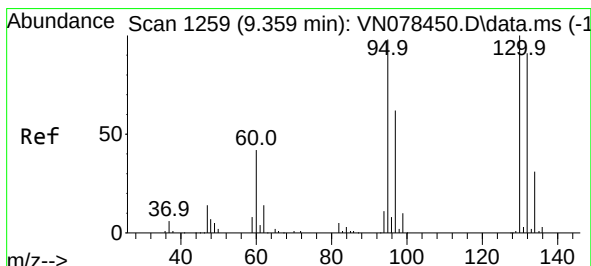
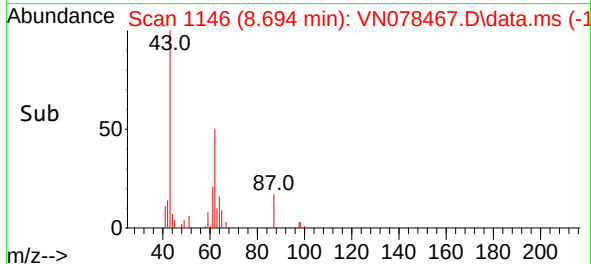
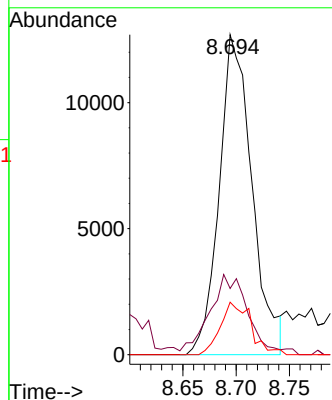
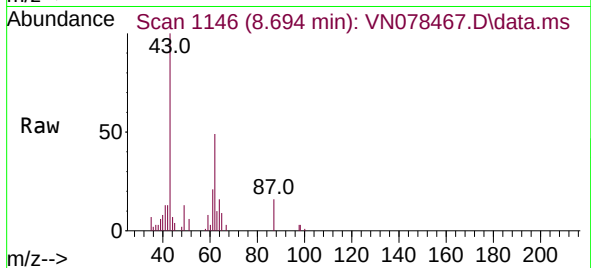




#43
Isopropyl Acetate
Concen: 2.476 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

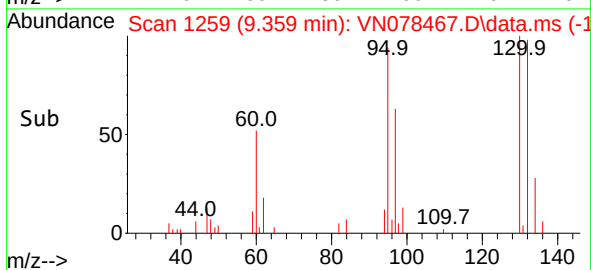
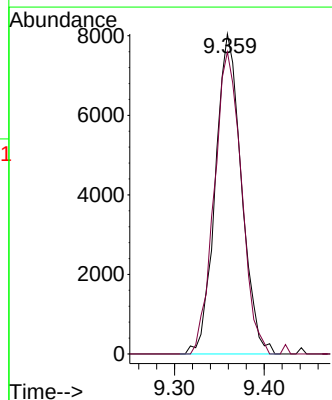
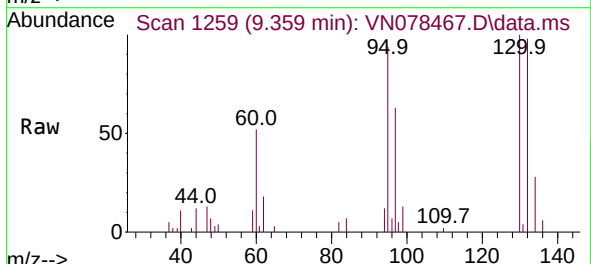
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

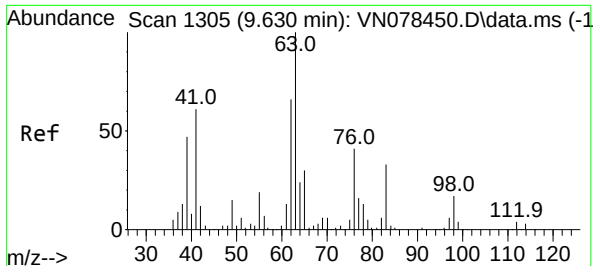
Tgt Ion: 43	Resp: 27167
Ion Ratio	Lower Upper
43 100	
61 29.5	24.7 37.1
87 15.4	14.6 21.8



#44
Trichloroethene
Concen: 2.548 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:130	Resp:	16262	
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	204.6





#45

1,2-Dichloropropane

Concen: 2.539 ug/l

RT: 9.635 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

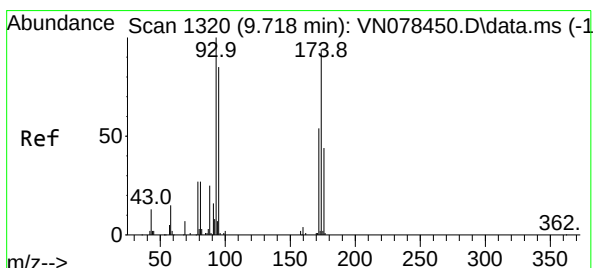
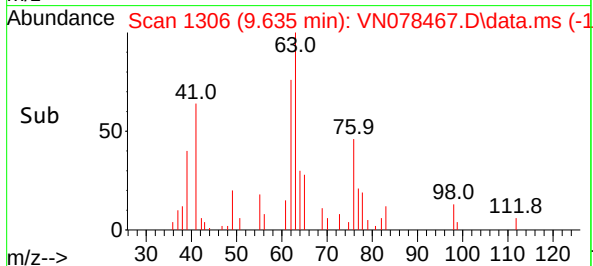
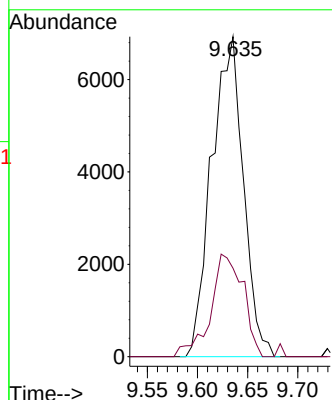
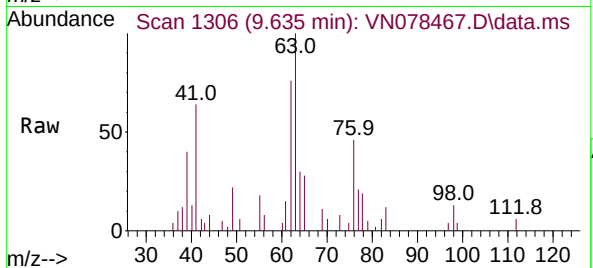
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 15229

Ion Ratio Lower Upper

63 100

65 24.5 23.9 35.9



#46

Dibromomethane

Concen: 2.637 ug/l

RT: 9.724 min Scan# 1321

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

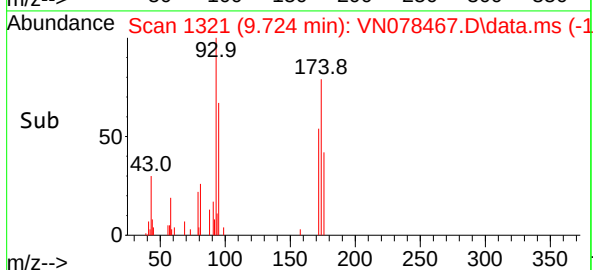
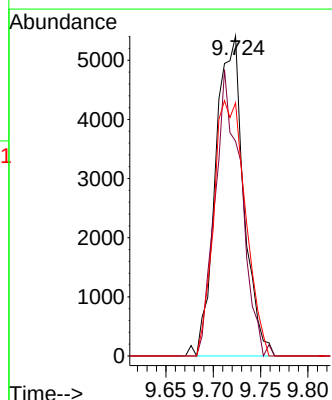
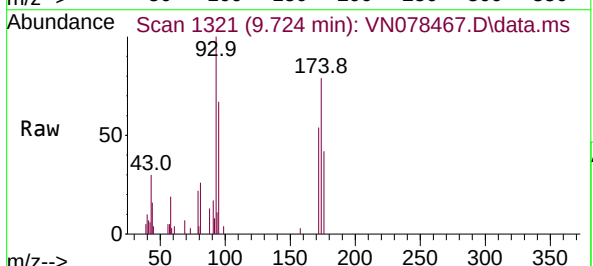
Tgt Ion: 93 Resp: 11132

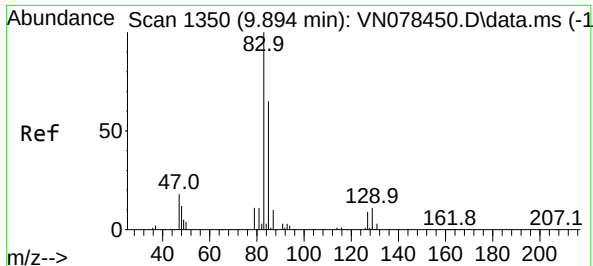
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 90.2 65.6 98.4

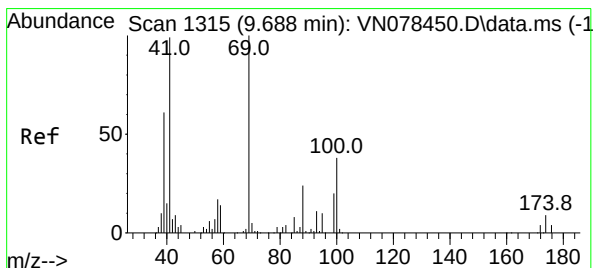
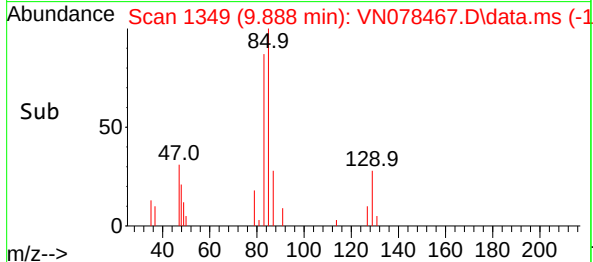
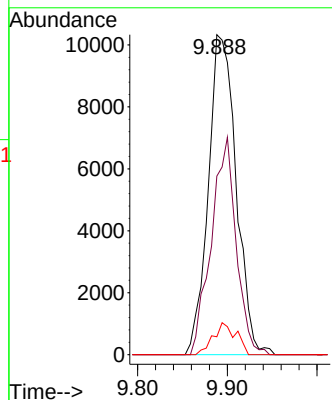
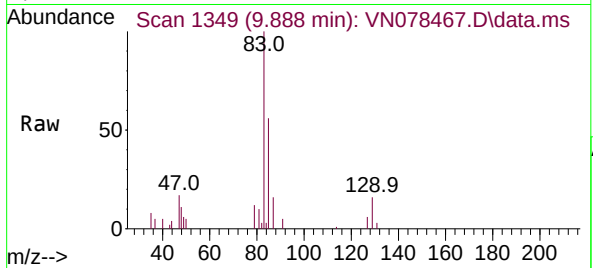




#47
Bromodichloromethane
Concen: 2.634 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

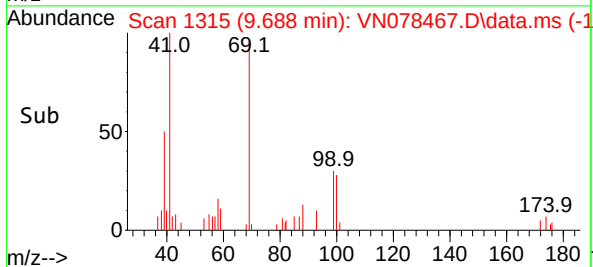
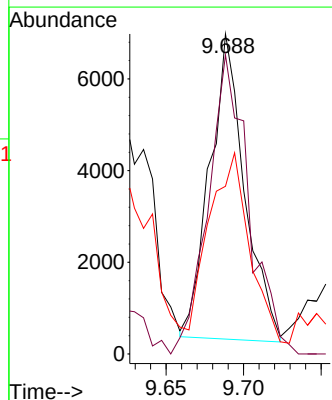
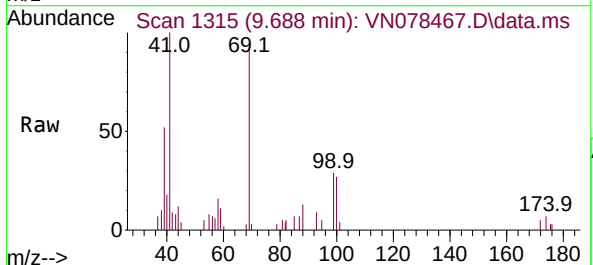
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

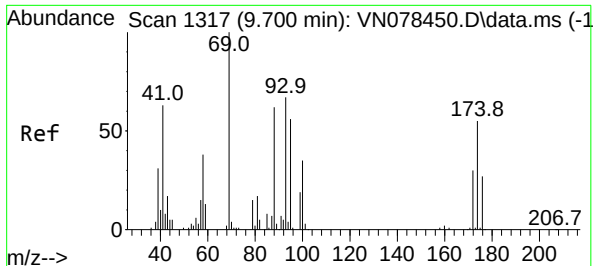
Tgt Ion: 83 Resp: 22292
Ion Ratio Lower Upper
83 100
85 55.8 49.6 74.4
127 5.6 7.0 10.6#



#48
Methyl methacrylate
Concen: 2.049 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 41 Resp: 10414
Ion Ratio Lower Upper
41 100
69 113.6 90.4 135.6
39 80.7 54.6 81.8

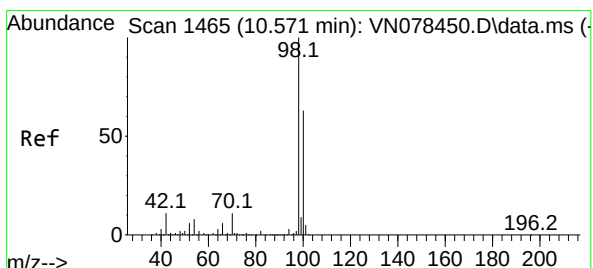
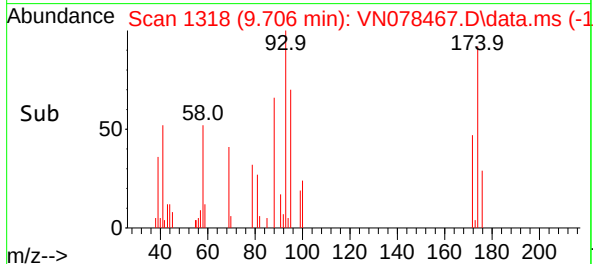
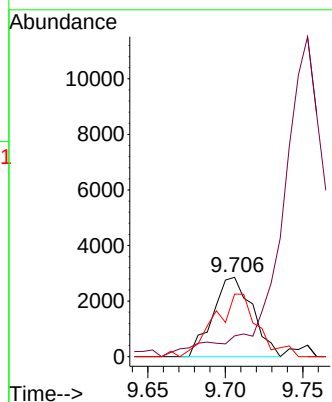
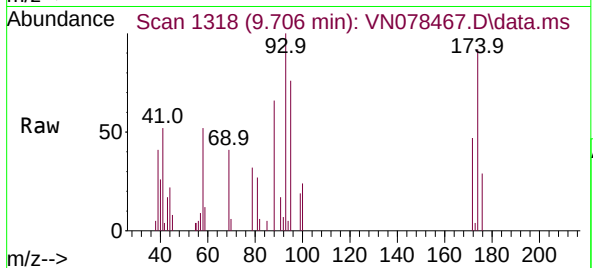




#49
1,4-Dioxane
Concen: 45.707 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

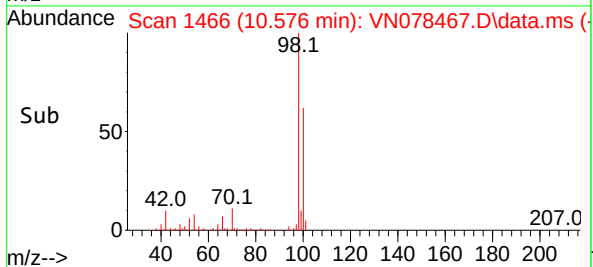
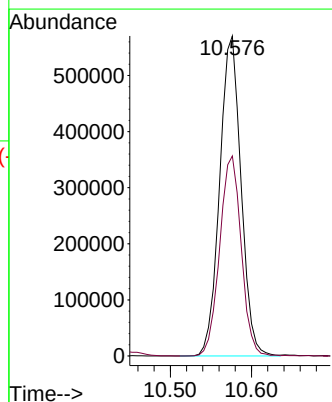
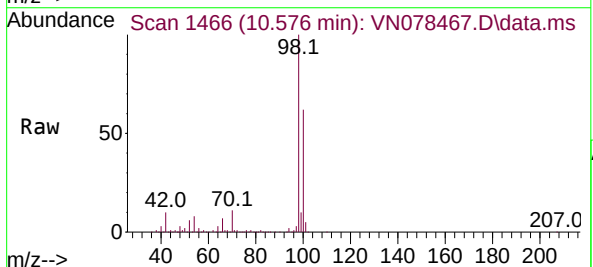
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

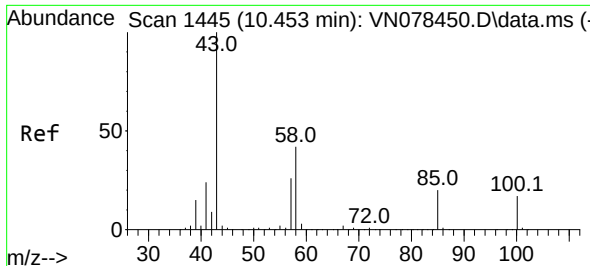
Tgt Ion: 88 Resp: 5067
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 87.5 47.0 70.4#



#50
Toluene-d8
Concen: 49.919 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 98 Resp: 1044121
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

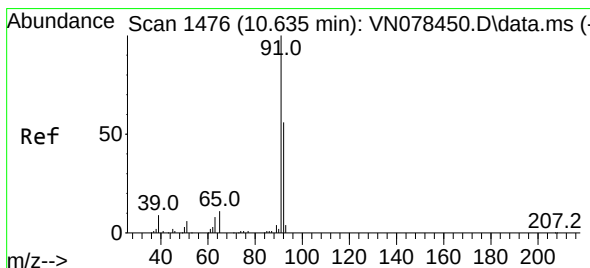
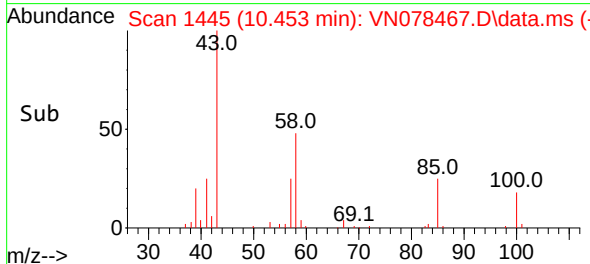
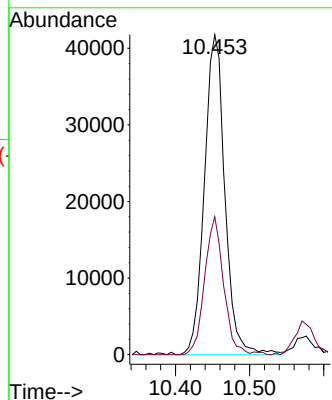
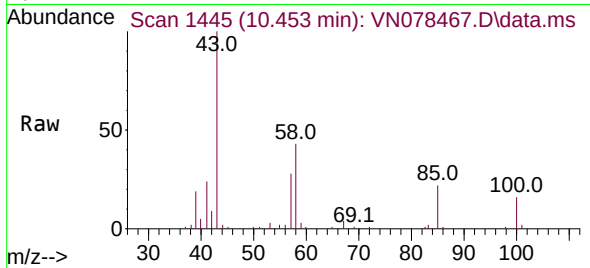




#51
4-Methyl-2-Pentanone
Concen: 12.301 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

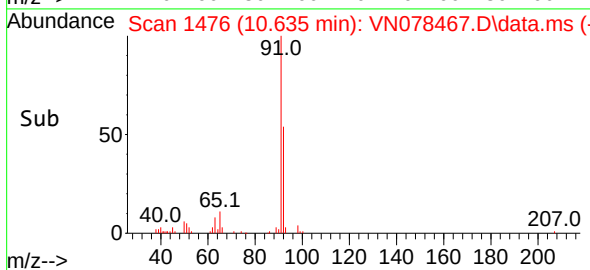
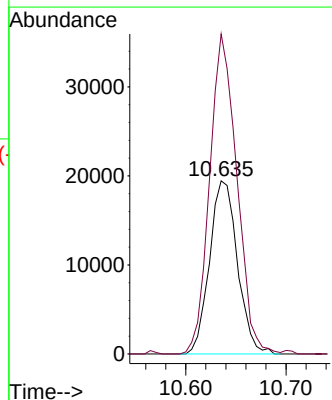
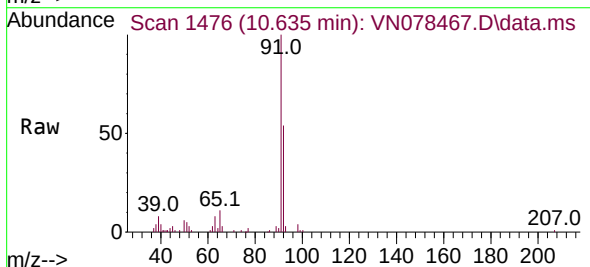
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

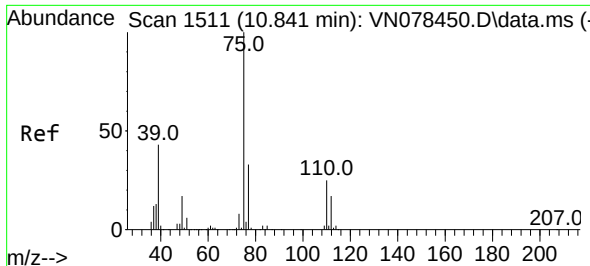
Tgt Ion: 43 Resp: 80281
Ion Ratio Lower Upper
43 100
58 39.7 36.6 54.8



#52
Toluene
Concen: 2.561 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 92 Resp: 37595
Ion Ratio Lower Upper
92 100
91 180.4 137.4 206.0

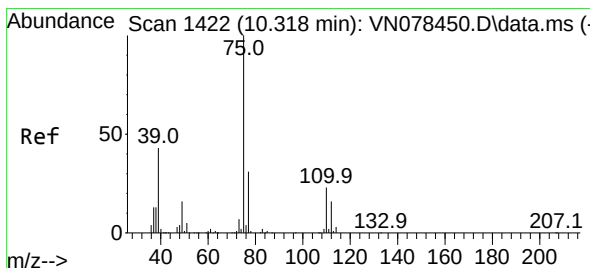
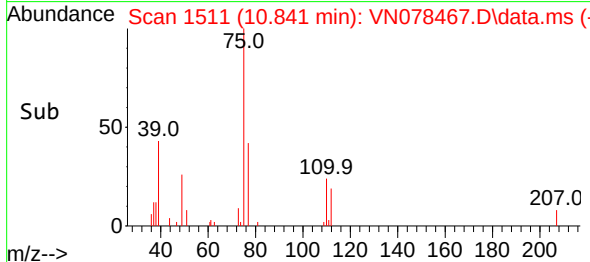
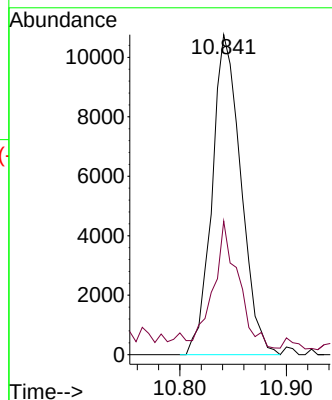
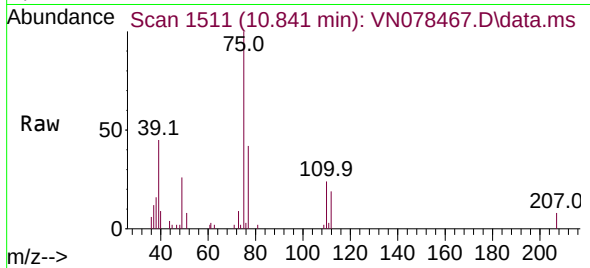




#53
 t-1,3-Dichloropropene
 Concen: 2.331 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

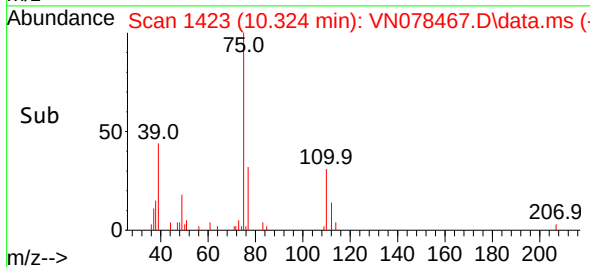
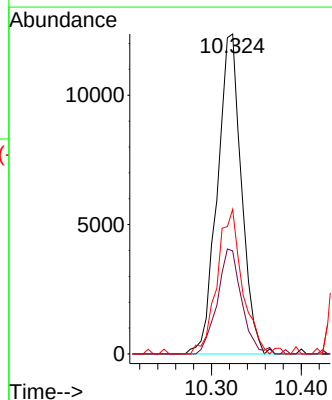
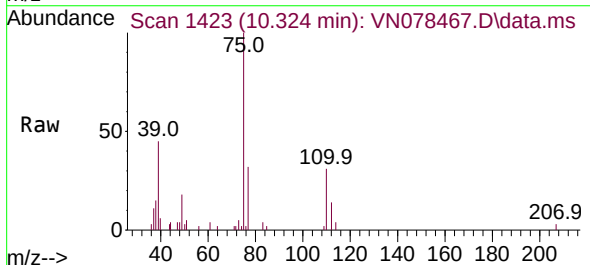
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

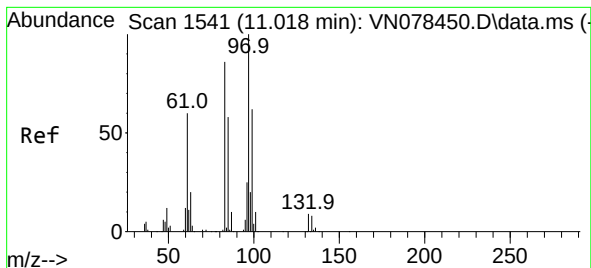
Tgt Ion: 75 Resp: 20208
 Ion Ratio Lower Upper
 75 100
 77 39.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 2.488 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078467.D
 Acq: 11 Jul 2023 17:27

Tgt Ion: 75 Resp: 22998
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 45.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 2.613 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078467.D

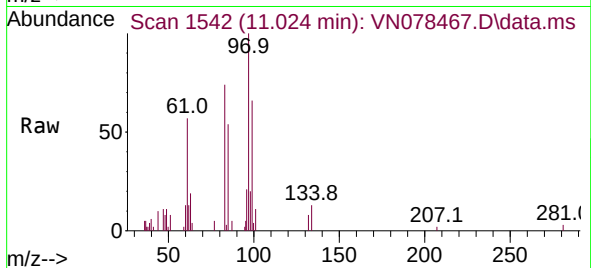
Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 97 Resp: 15111

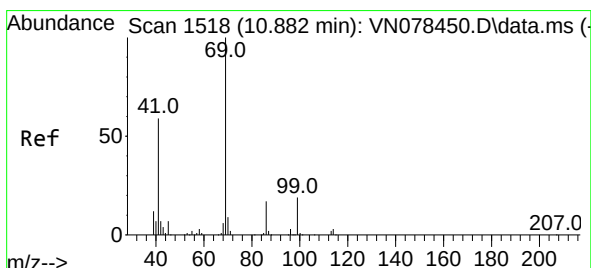
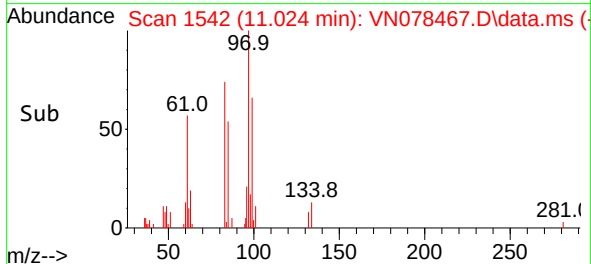
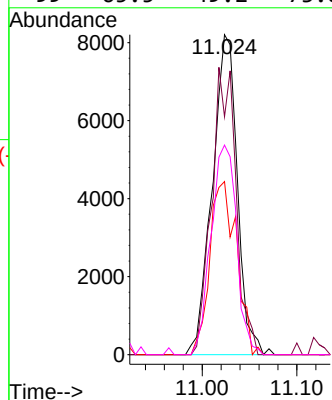
Ion Ratio Lower Upper

97 100

83 74.3 65.1 97.7

85 54.1 43.4 65.2

99 65.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 2.481 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

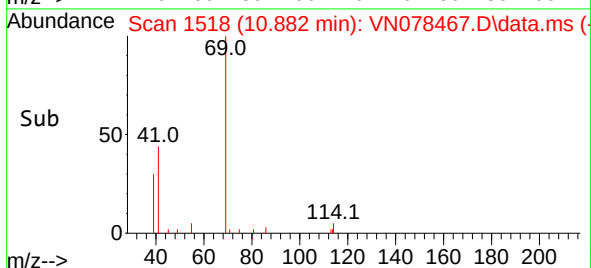
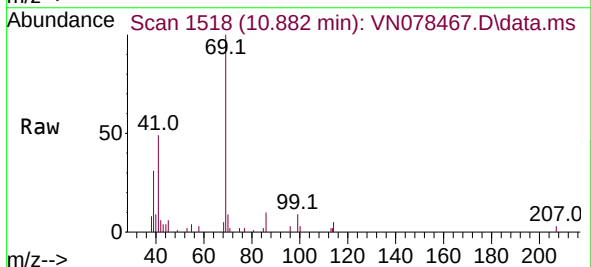
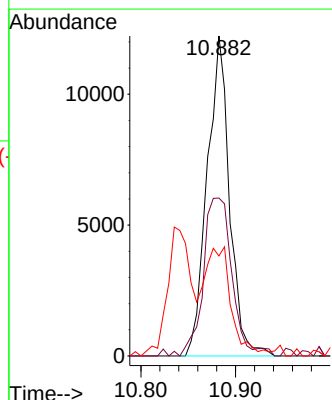
Tgt Ion: 69 Resp: 20056

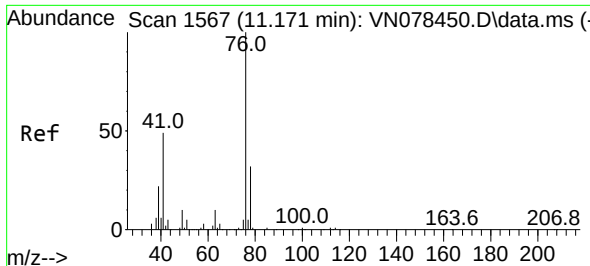
Ion Ratio Lower Upper

69 100

41 63.4 39.6 59.4#

39 40.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 2.744 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

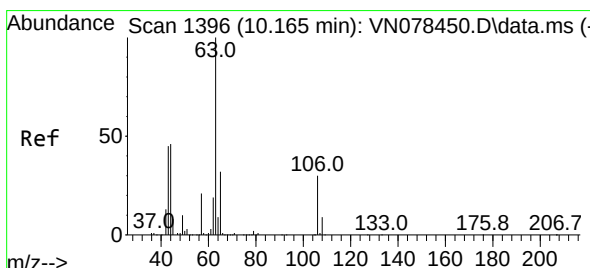
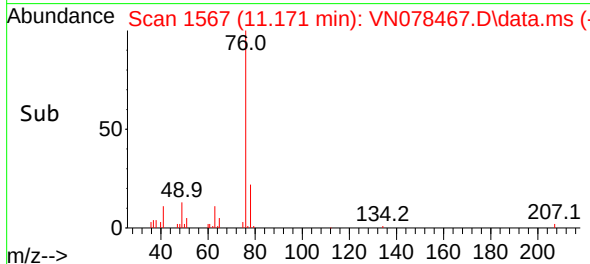
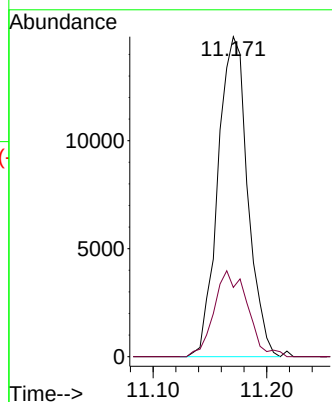
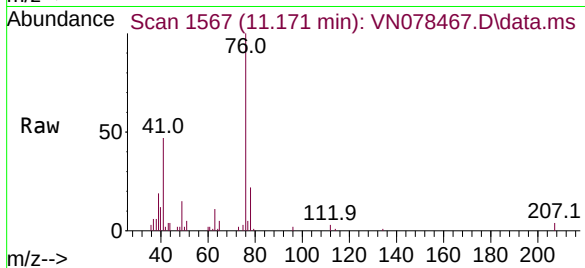
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 26982

Ion Ratio Lower Upper

76 100

78 30.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 11.623 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078467.D

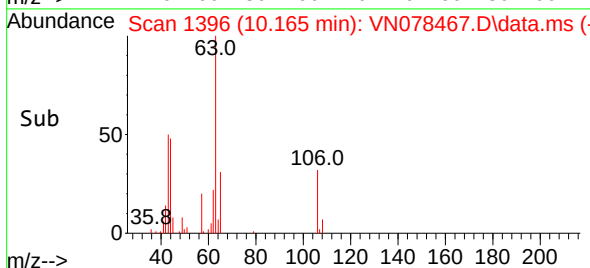
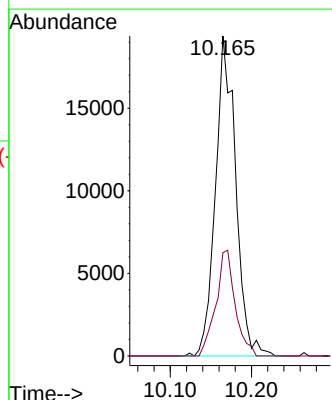
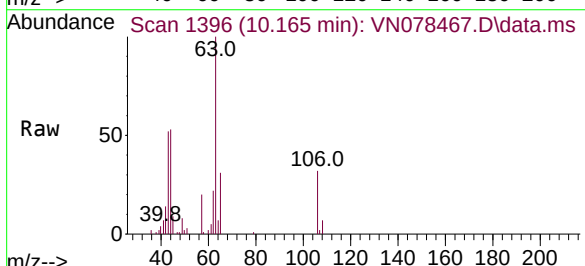
Acq: 11 Jul 2023 17:27

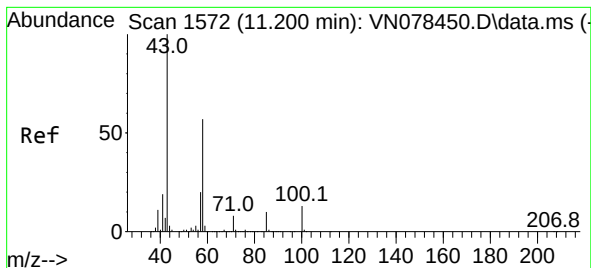
Tgt Ion: 63 Resp: 33487

Ion Ratio Lower Upper

63 100

106 31.6 26.2 39.4





#59

2-Hexanone

Concen: 11.993 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

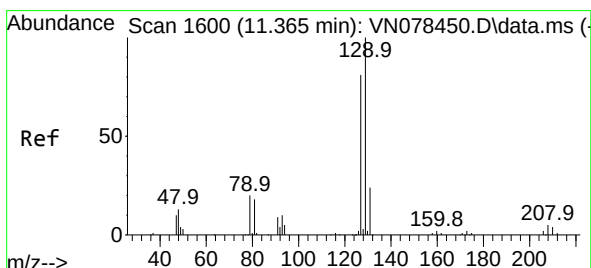
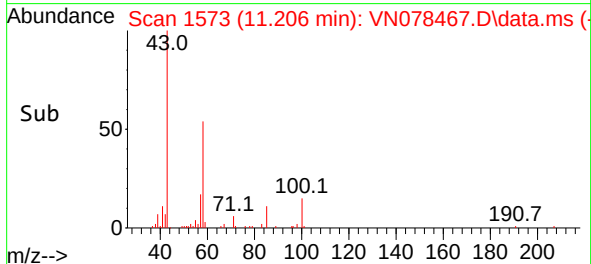
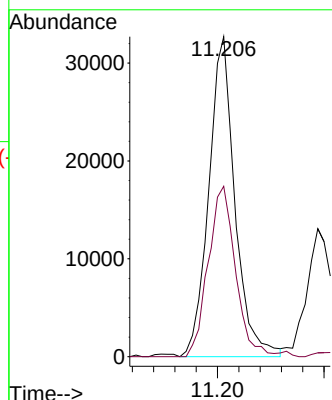
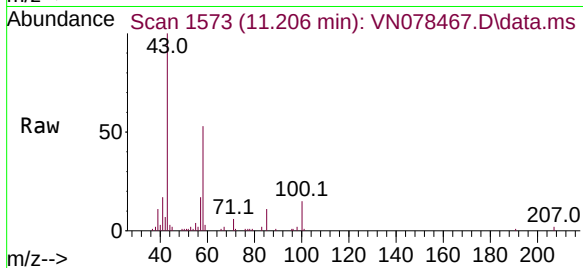
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 55628

Ion Ratio Lower Upper

43 100

58 55.4 31.7 95.1



#60

Dibromochloromethane

Concen: 2.298 ug/l

RT: 11.371 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VN078467.D

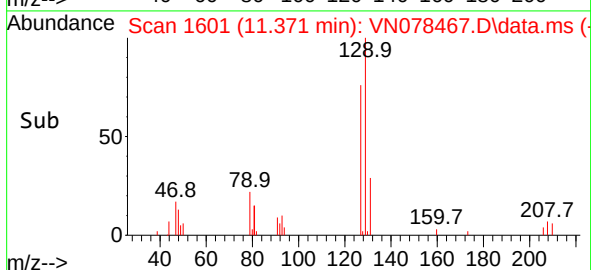
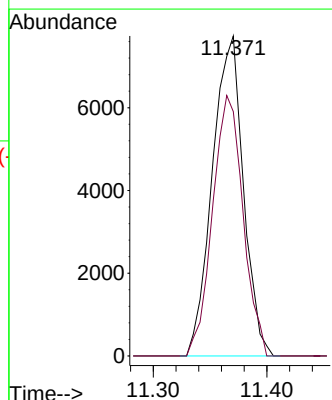
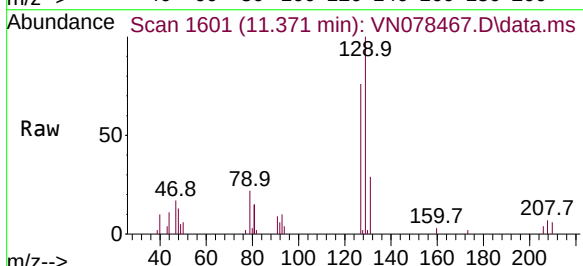
Acq: 11 Jul 2023 17:27

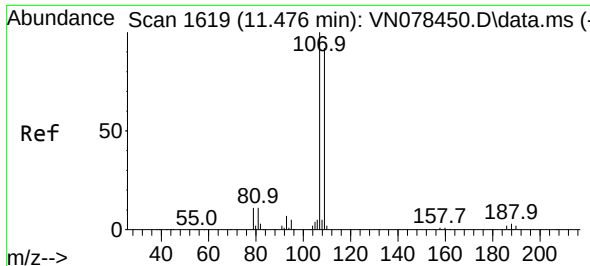
Tgt Ion: 129 Resp: 14672

Ion Ratio Lower Upper

129 100

127 80.1 38.6 116.0

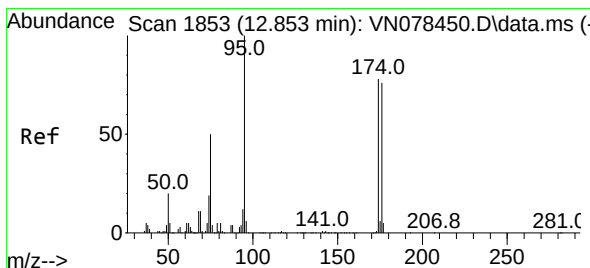
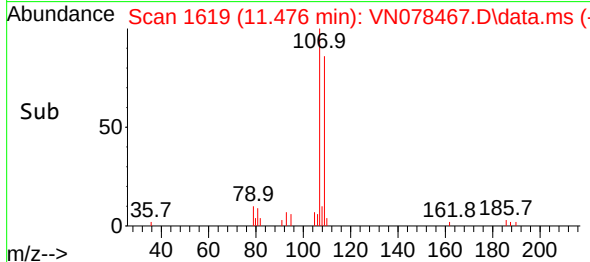
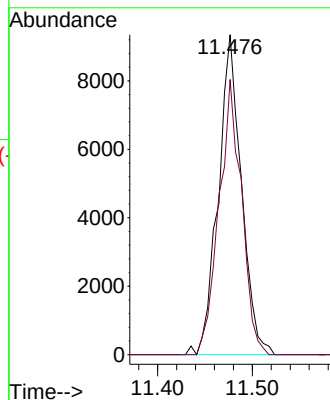
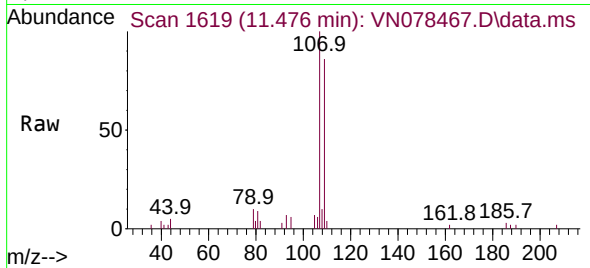




#61
1,2-Dibromoethane
Concen: 2.666 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

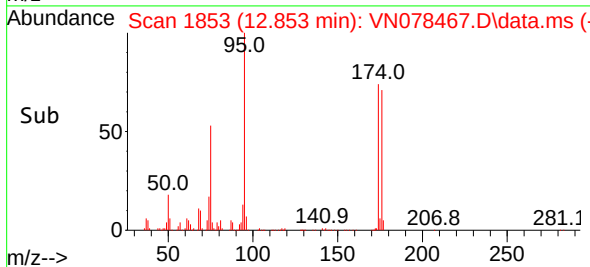
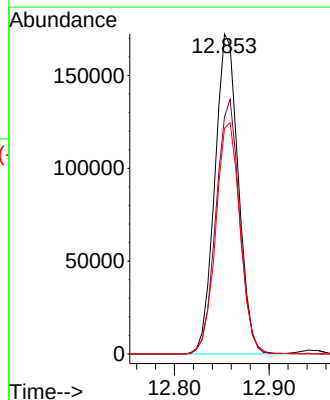
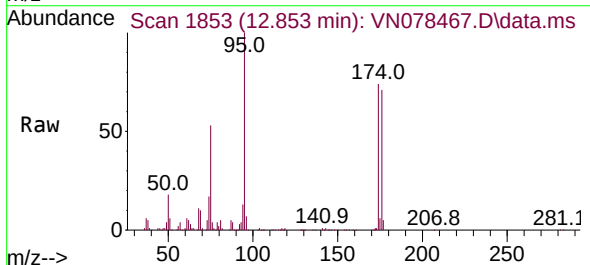
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

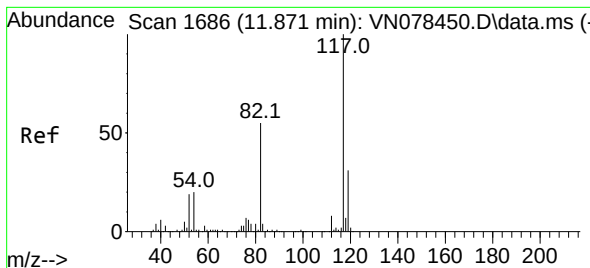
Tgt Ion:107 Resp: 15885
Ion Ratio Lower Upper
107 100
109 83.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 95 Resp: 297411
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 74.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078467.D

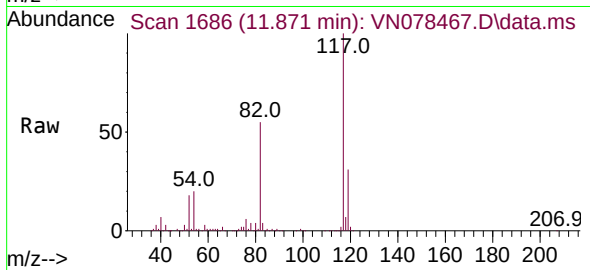
Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



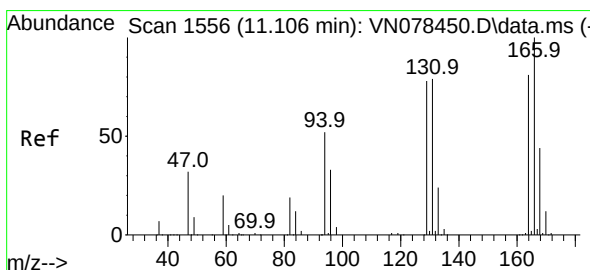
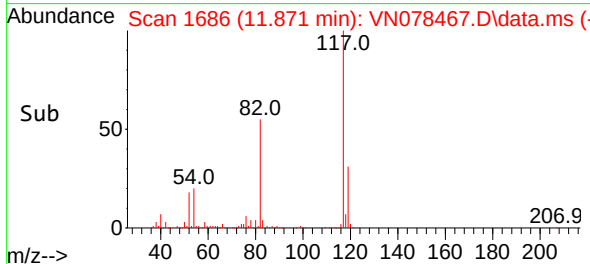
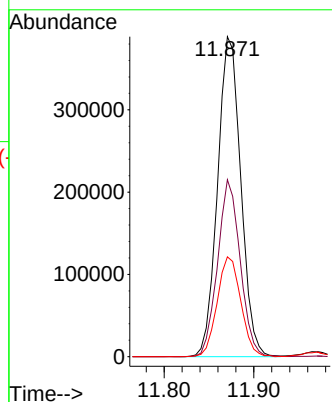
Tgt Ion:117 Resp: 699427

Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 2.817 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Tgt Ion:164 Resp: 14815

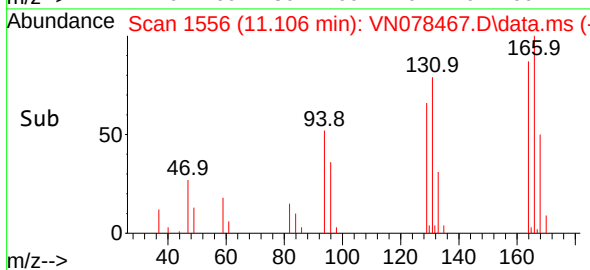
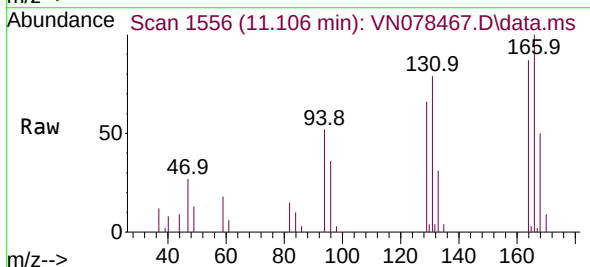
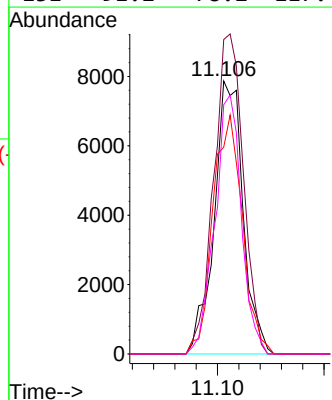
Ion Ratio Lower Upper

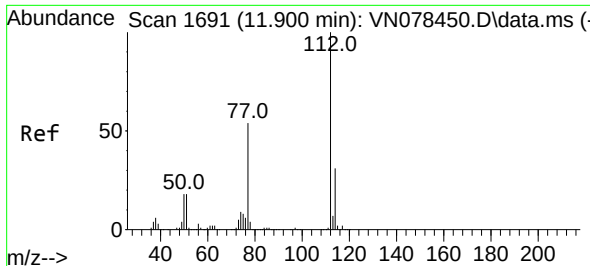
164 100

166 115.1 101.4 152.0

129 75.8 82.4 123.6#

131 91.2 78.2 117.4

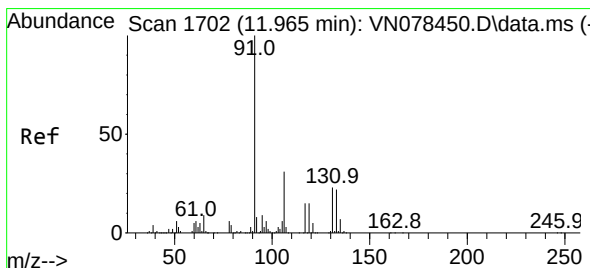
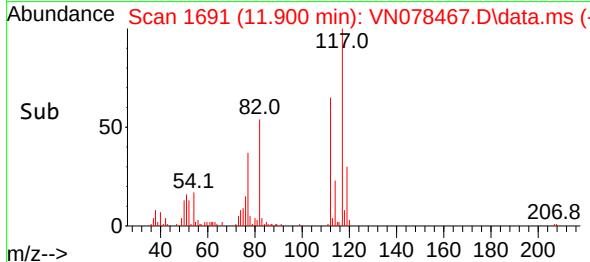
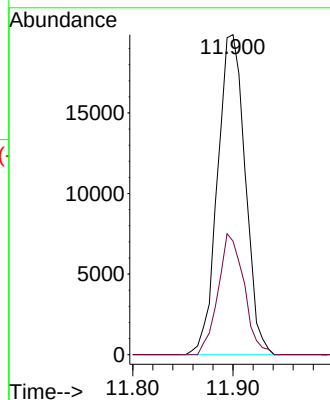
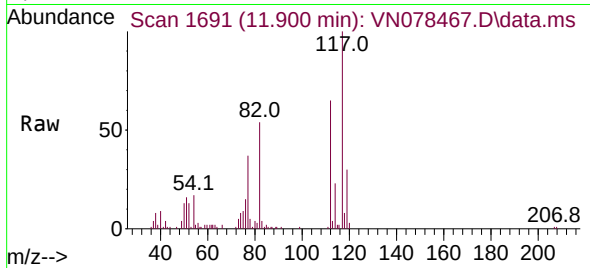




#65
Chlorobenzene
Concen: 2.429 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

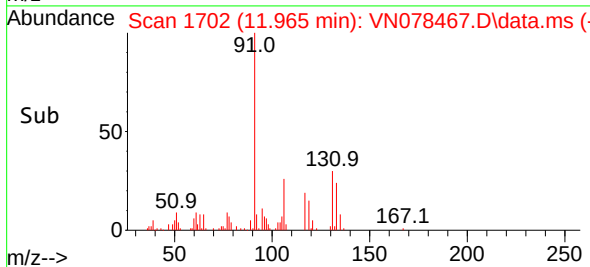
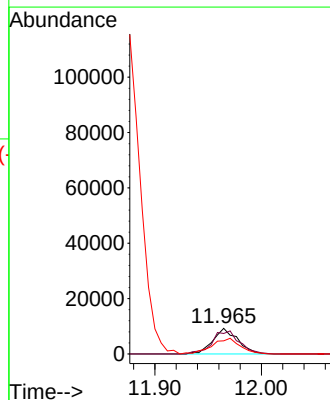
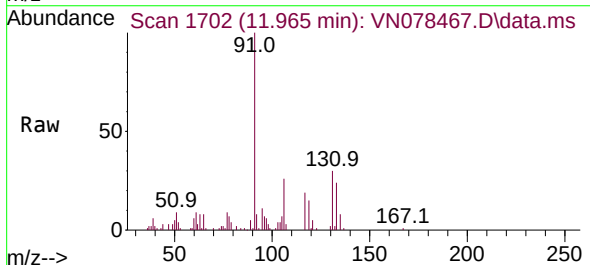
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

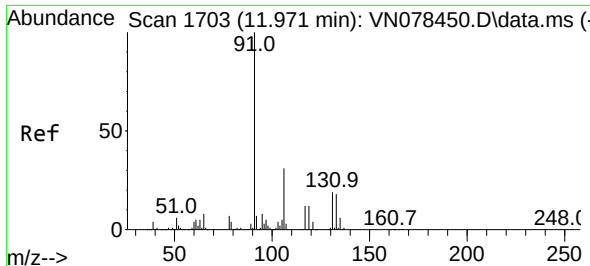
Tgt Ion:112 Resp: 37982
Ion Ratio Lower Upper
112 100
114 35.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.496 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:131 Resp: 15013
Ion Ratio Lower Upper
131 100
133 98.4 46.4 139.1
119 67.2 34.1 102.2

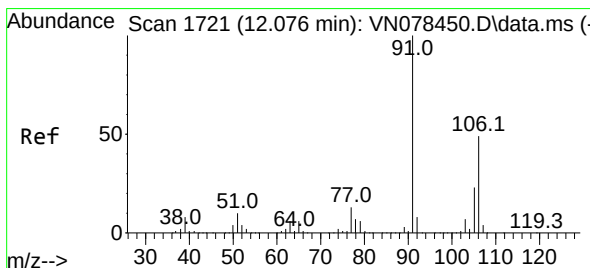
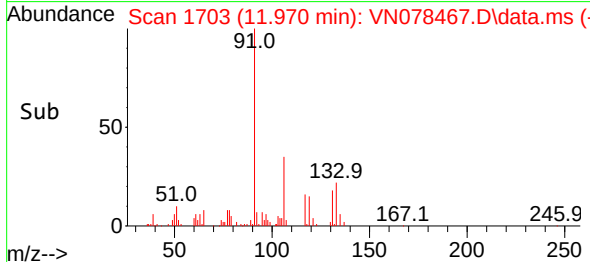
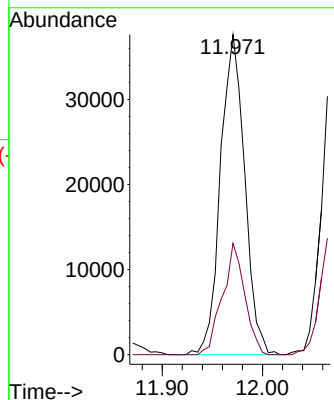
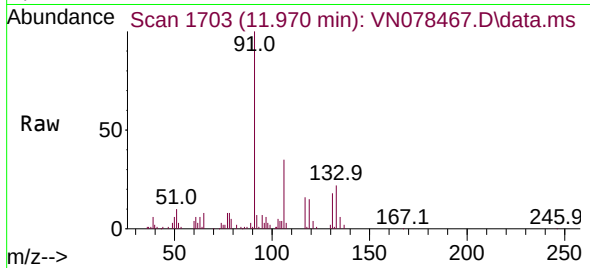




#67
Ethyl Benzene
Concen: 2.381 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

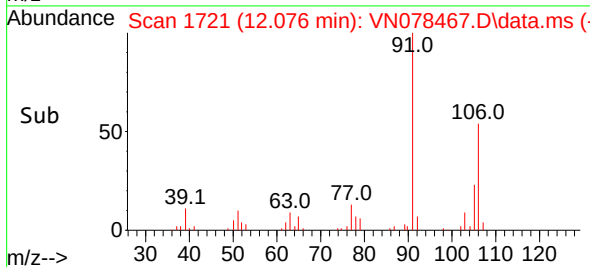
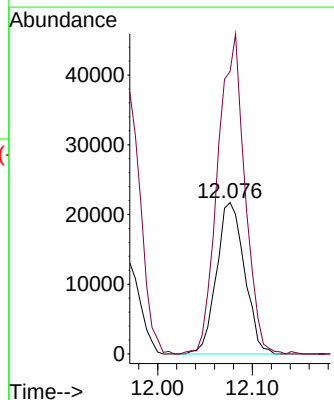
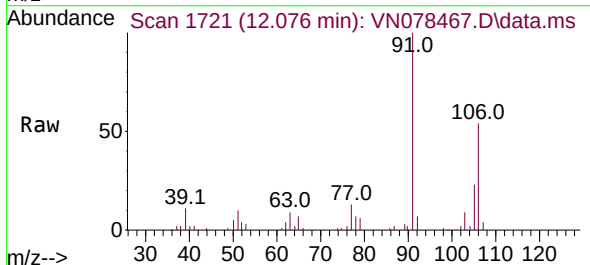
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

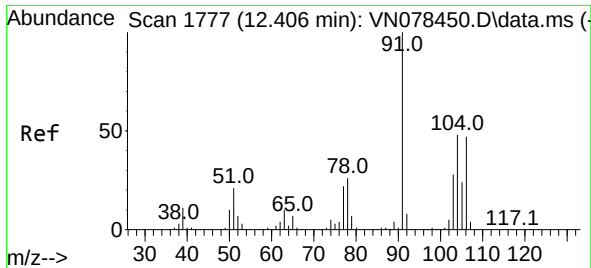
Tgt Ion: 91 Resp: 62924
Ion Ratio Lower Upper
91 100
106 34.8 25.6 38.4



#68
m/p-Xylenes
Concen: 4.568 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 106 Resp: 44635
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4

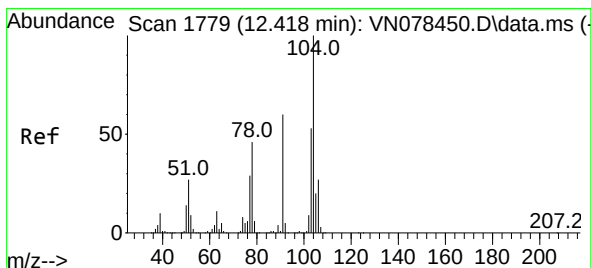
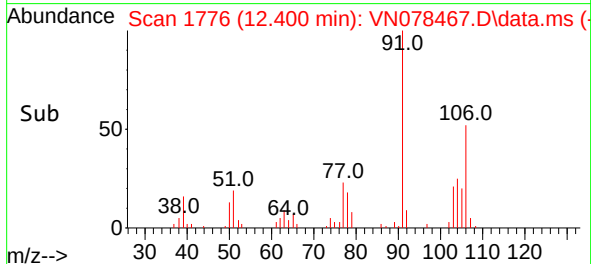
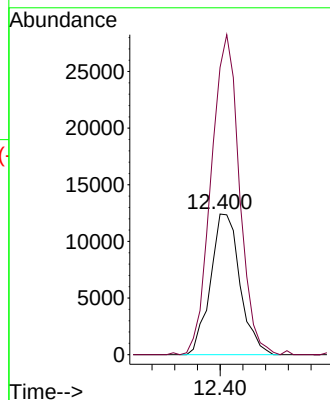
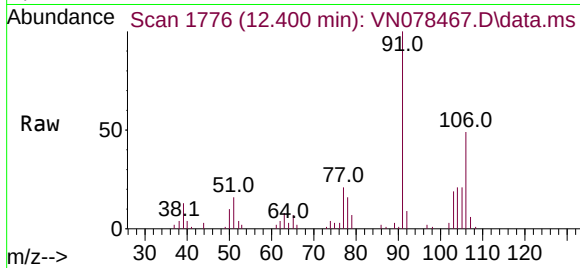




#69
o-Xylene
Concen: 2.267 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

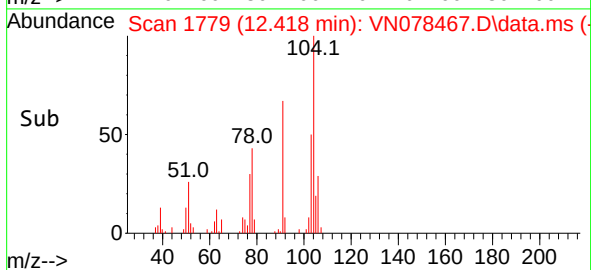
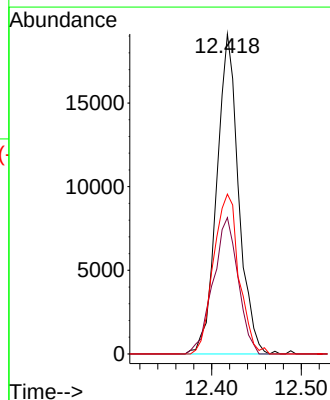
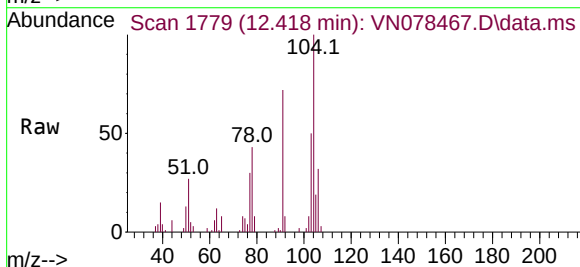
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

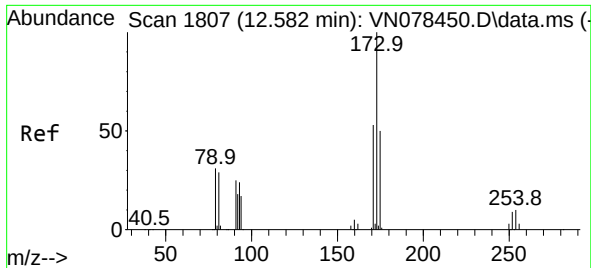
Tgt Ion:106 Resp: 22376
Ion Ratio Lower Upper
106 100
91 218.1 105.2 315.5



#70
Styrene
Concen: 2.094 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:104 Resp: 32328
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 58.2 43.2 64.8

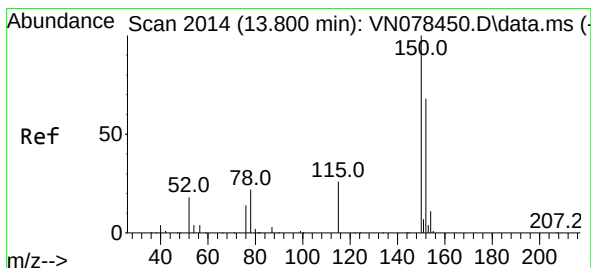
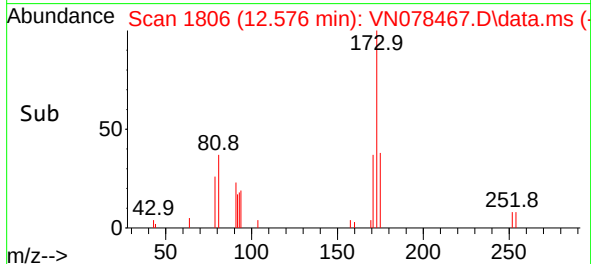
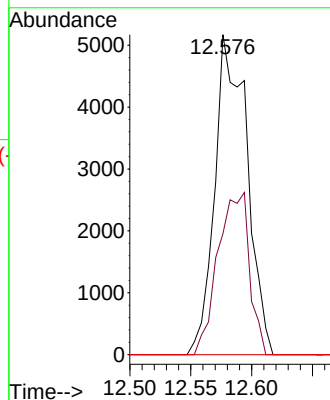
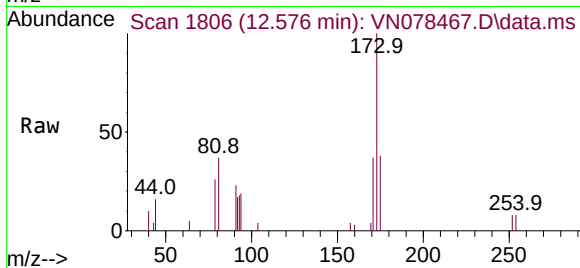




#71
Bromoform
Concen: 2.332 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

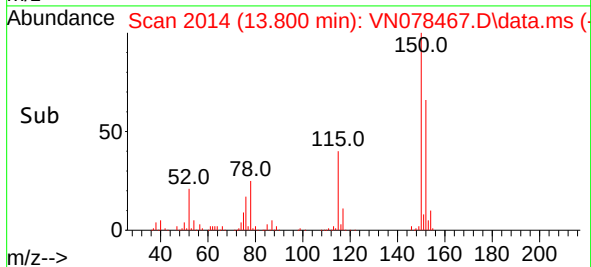
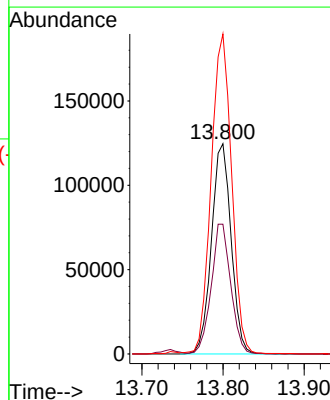
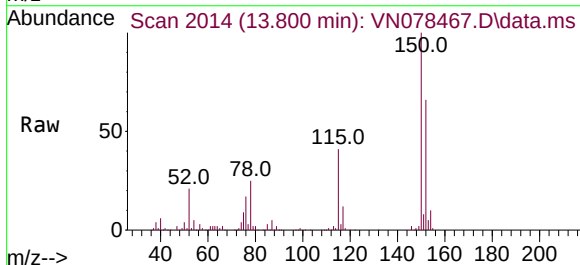
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

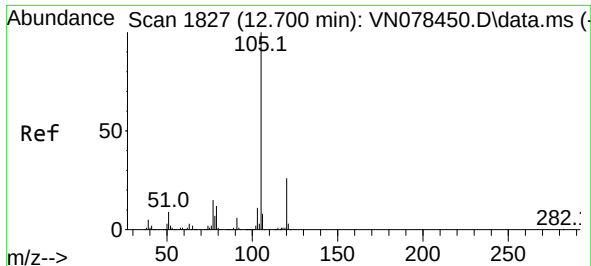
Tgt Ion:173 Resp: 9500
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:152 Resp: 209762
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 158.4 0.0 355.8

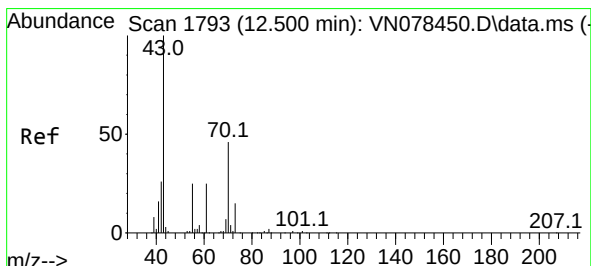
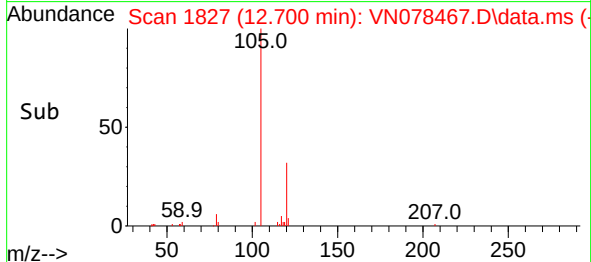
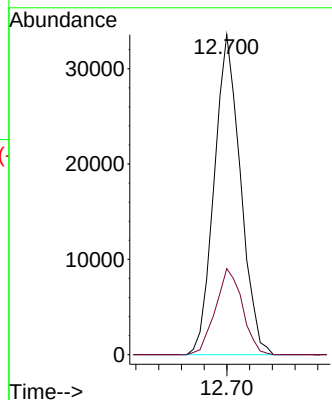
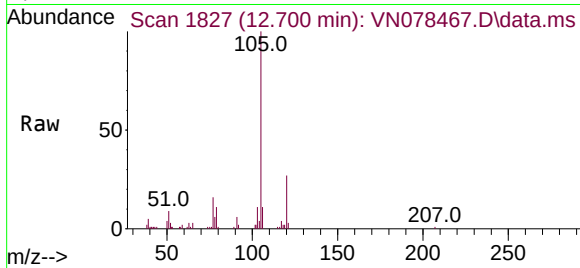




#73
Isopropylbenzene
Concen: 2.734 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

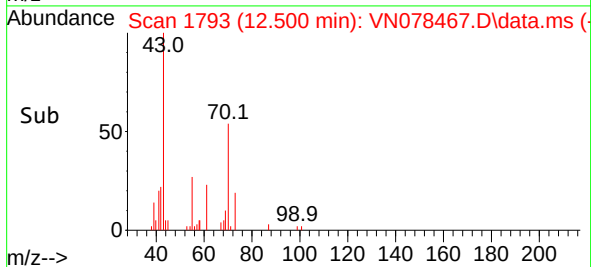
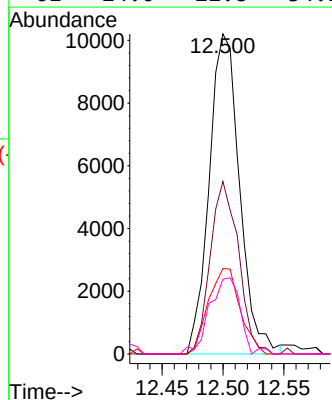
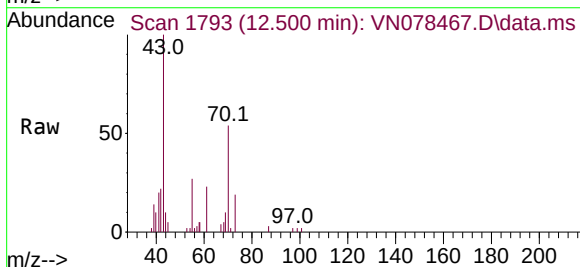
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

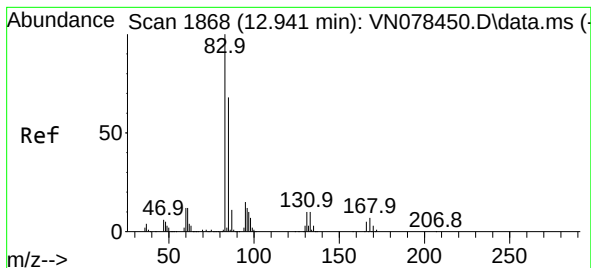
Tgt Ion:105 Resp: 53893
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1



#74
N-ethyl acetate
Concen: 2.616 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 43 Resp: 17766
Ion Ratio Lower Upper
43 100
70 49.9 43.4 65.2
55 27.7 21.4 32.0
61 24.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.988 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

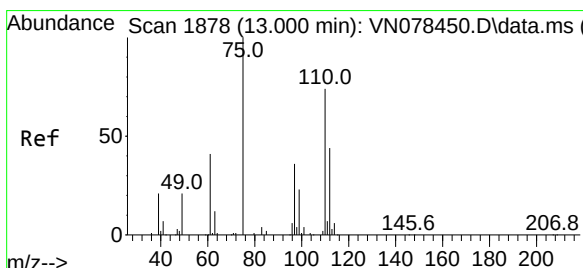
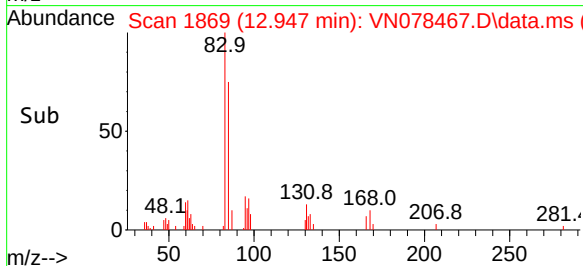
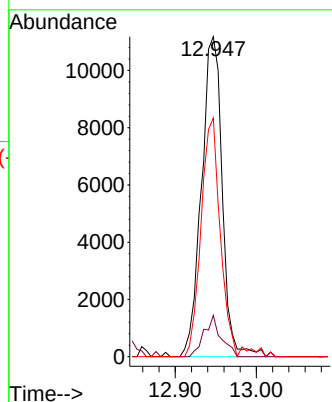
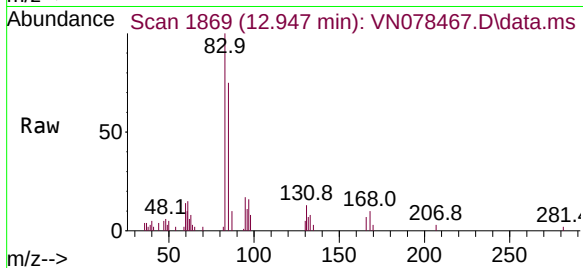
Tgt Ion: 83 Resp: 19889

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 69.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 4.808 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078467.D

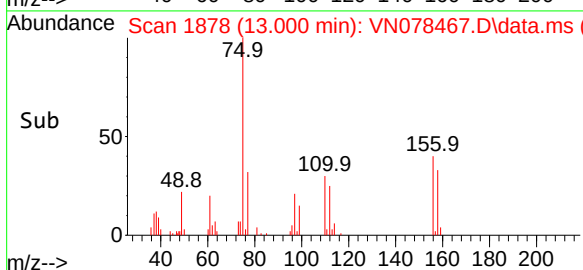
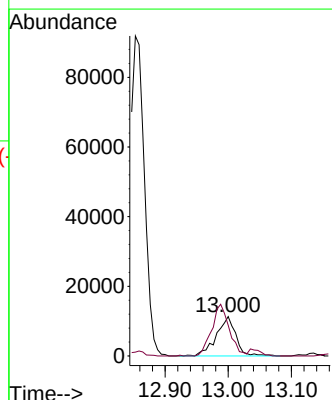
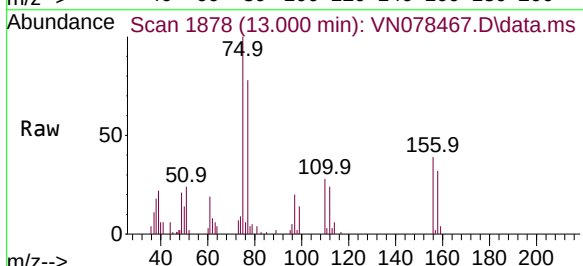
Acq: 11 Jul 2023 17:27

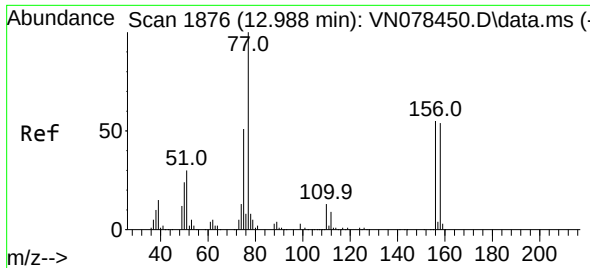
Tgt Ion: 75 Resp: 24378

Ion Ratio Lower Upper

75 100

77 117.9 84.5 253.5

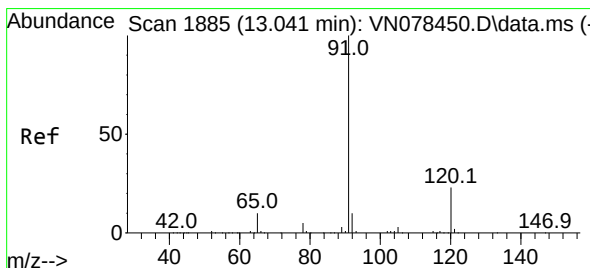
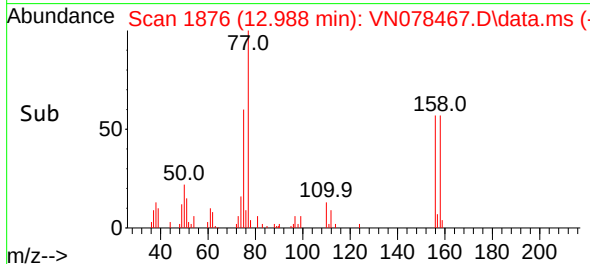
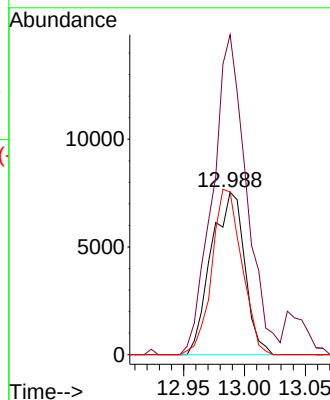
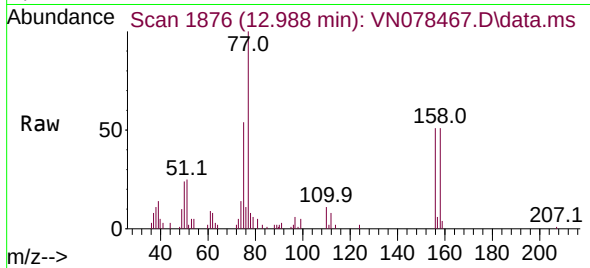




#77
Bromobenzene
Concen: 2.974 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

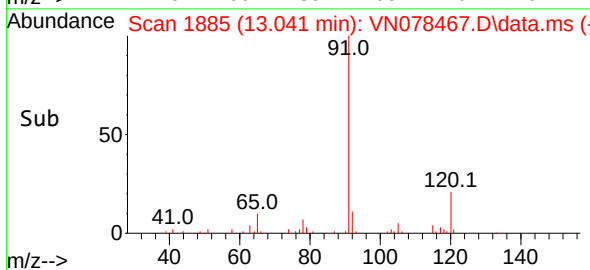
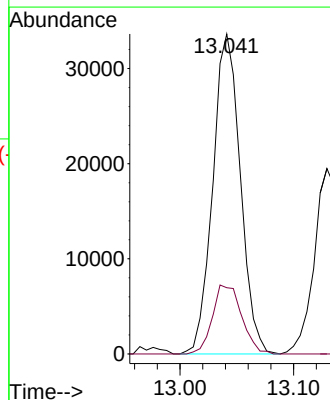
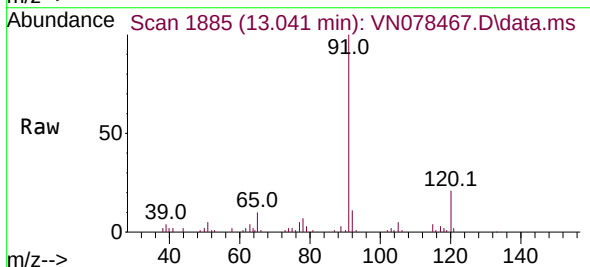
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

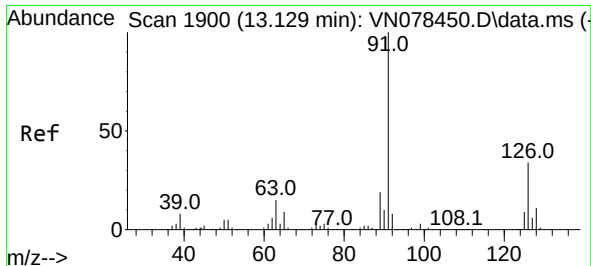
Tgt Ion:156 Resp: 14399
Ion Ratio Lower Upper
156 100
77 199.5 107.7 323.3
158 91.0 48.4 145.3



#78
n-propylbenzene
Concen: 2.689 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 91 Resp: 56683
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

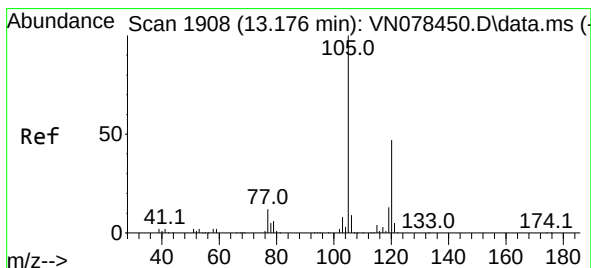
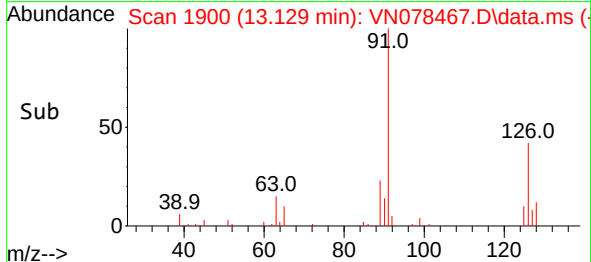
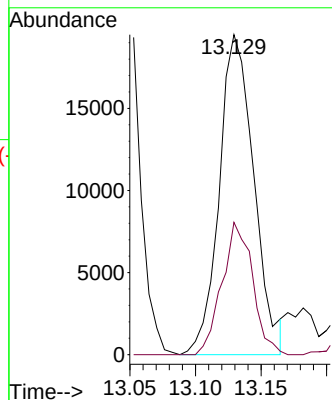
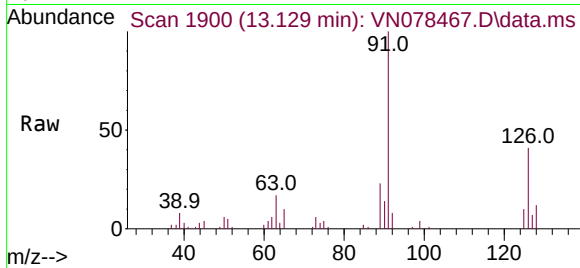




#79
2-Chlorotoluene
Concen: 2.593 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

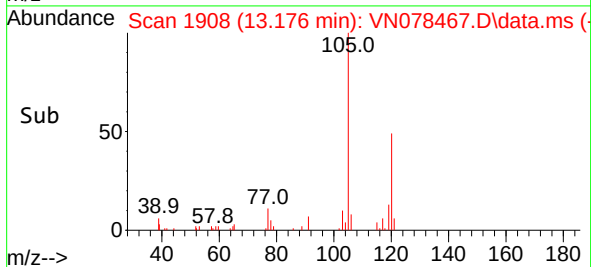
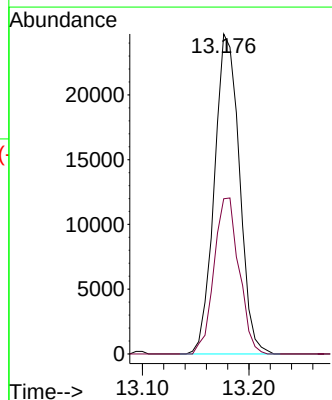
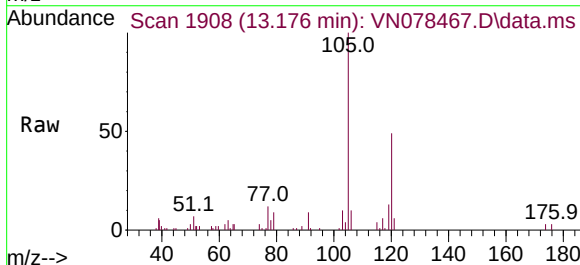
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

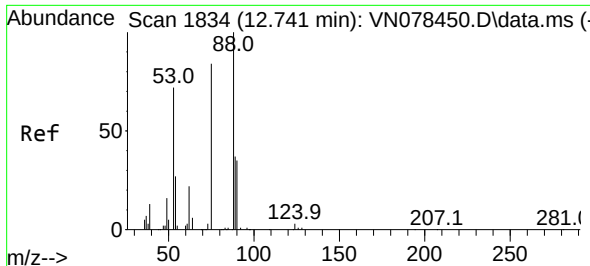
Tgt Ion: 91 Resp: 35805
Ion Ratio Lower Upper
91 100
126 36.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 2.590 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 105 Resp: 40340
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

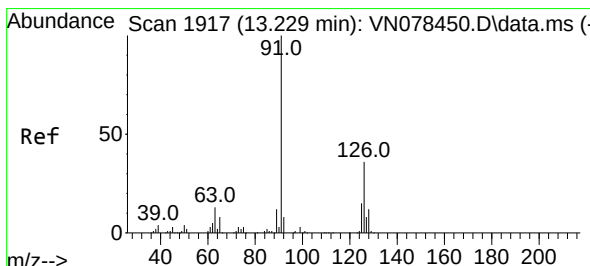
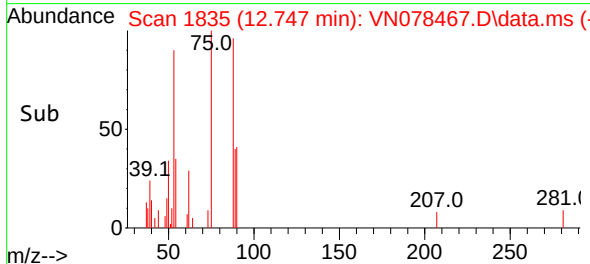
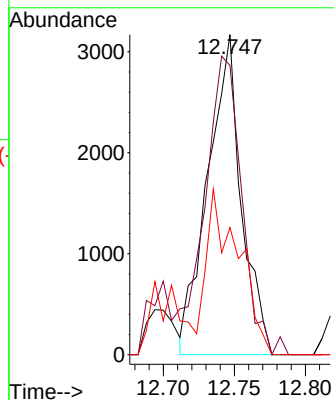
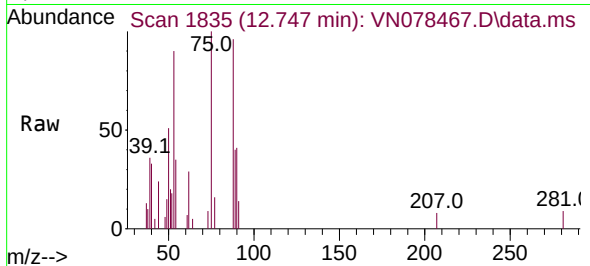




#81
trans-1,4-Dichloro-2-butene
Concen: 2.705 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

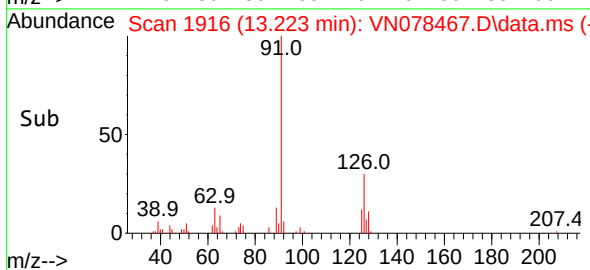
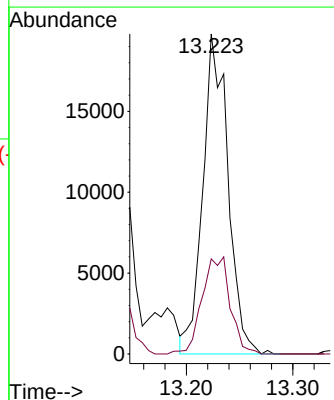
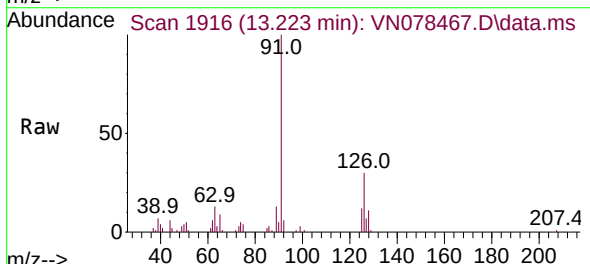
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

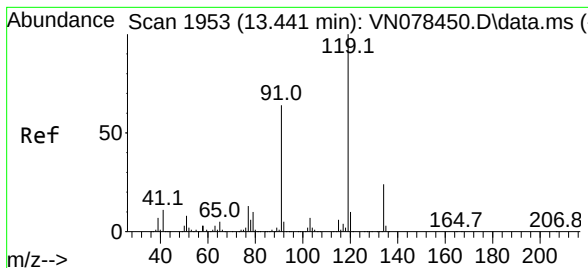
Tgt Ion: 75 Resp: 5220
Ion Ratio Lower Upper
75 100
53 100.5 67.4 101.2
89 49.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 2.521 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 91 Resp: 32470
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 2.747 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078467.D

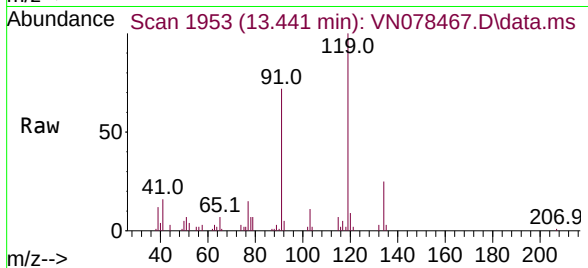
Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



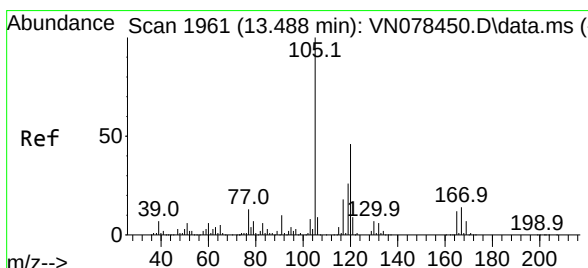
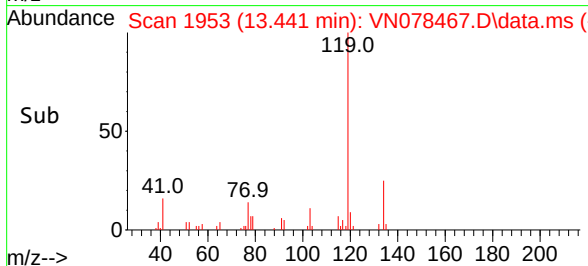
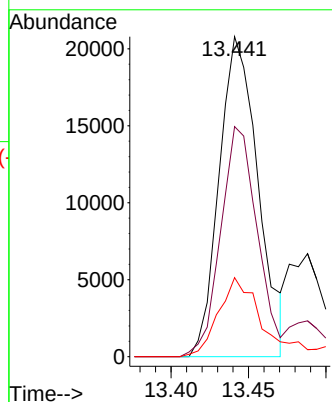
Tgt Ion:119 Resp: 36317

Ion Ratio Lower Upper

119 100

91 67.5 33.9 101.7

134 28.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 2.422 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078467.D

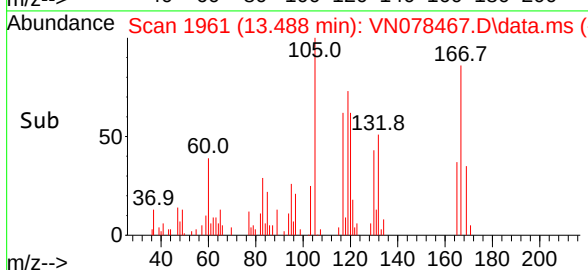
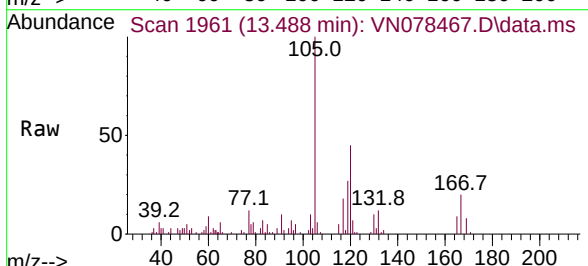
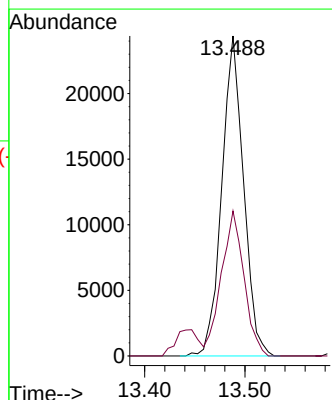
Acq: 11 Jul 2023 17:27

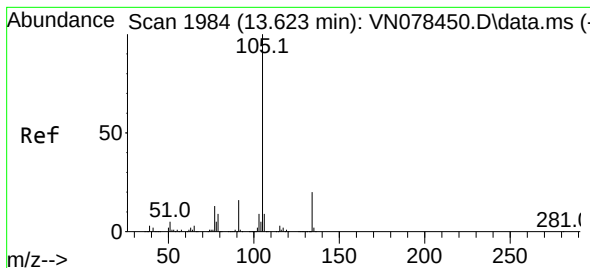
Tgt Ion:105 Resp: 36638

Ion Ratio Lower Upper

105 100

120 47.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 2.584 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

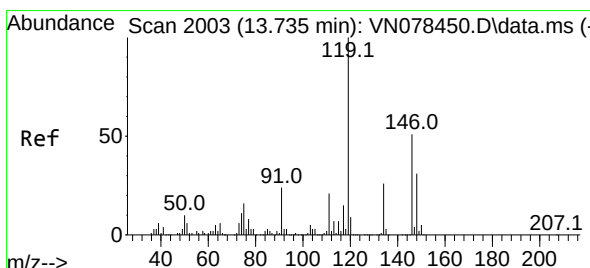
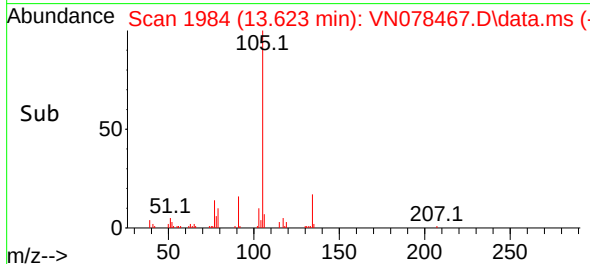
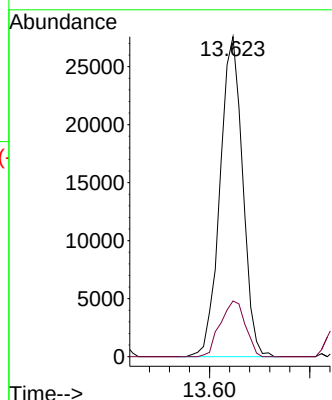
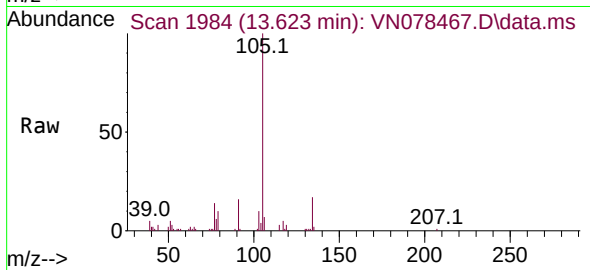
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 43178

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 2.496 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

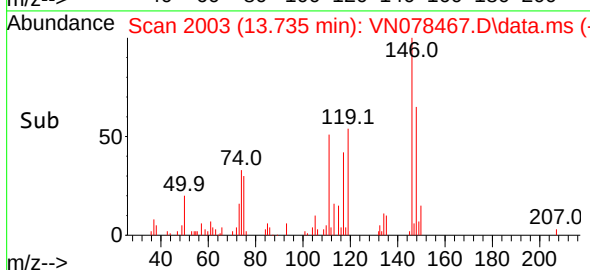
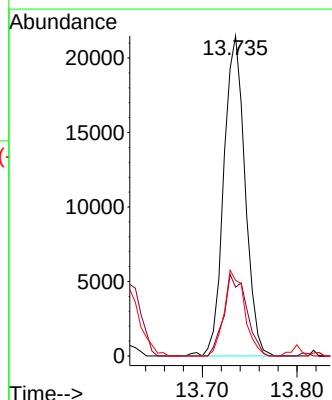
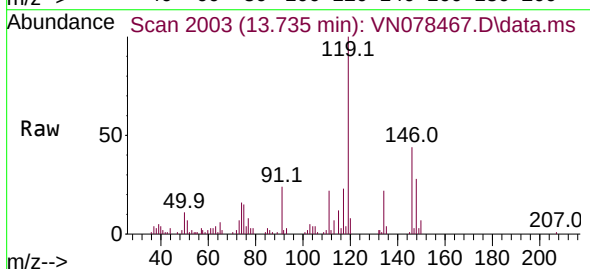
Tgt Ion:119 Resp: 33492

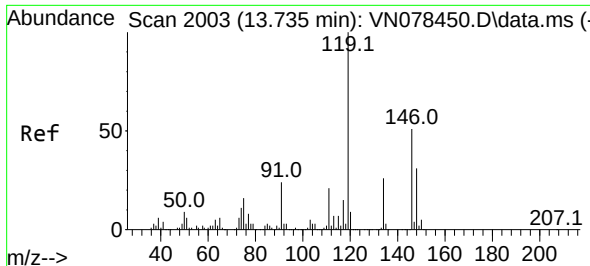
Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 25.9 12.4 37.2

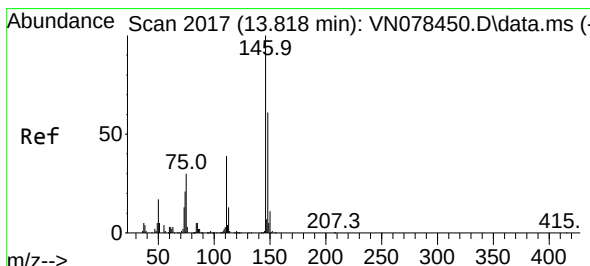
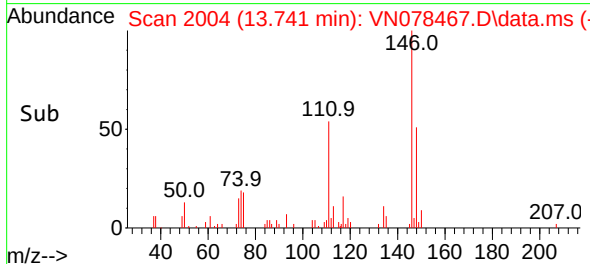
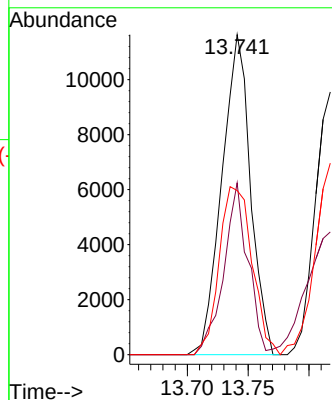
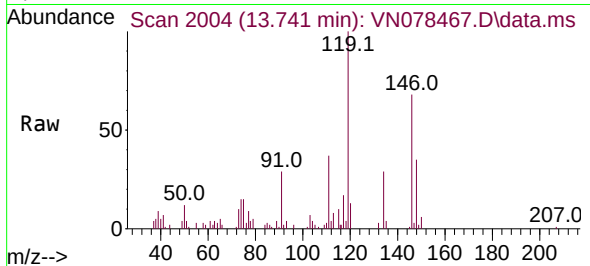




#87
1,3-Dichlorobenzene
Concen: 2.515 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

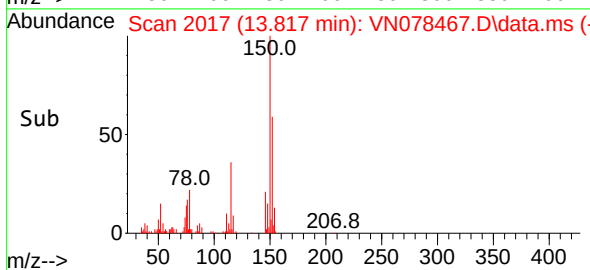
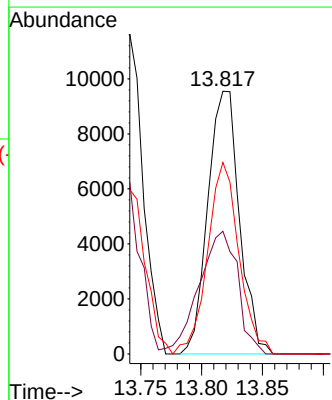
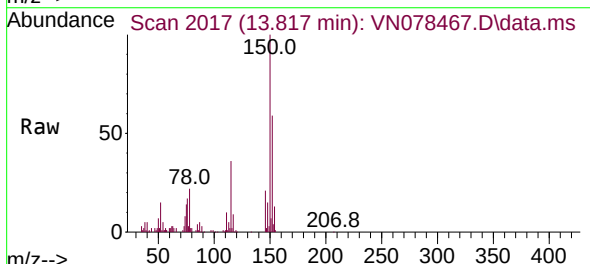
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

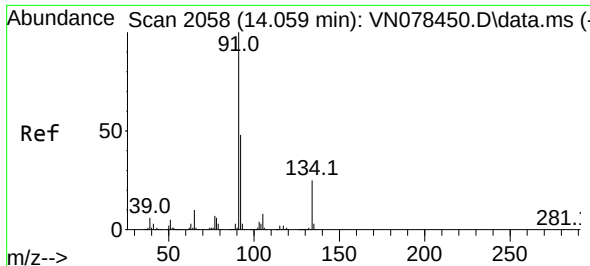
Tgt Ion:146 Resp: 19032
Ion Ratio Lower Upper
146 100
111 45.8 22.1 66.3
148 60.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 2.269 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:146 Resp: 17294
Ion Ratio Lower Upper
146 100
111 56.9 20.6 61.8
148 72.3 31.6 94.8

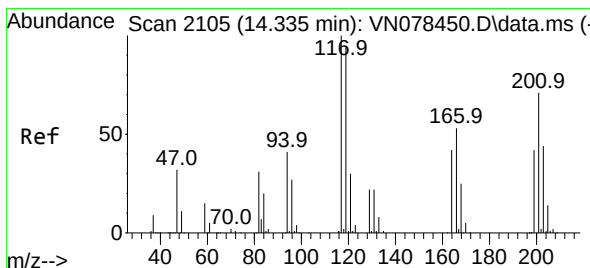
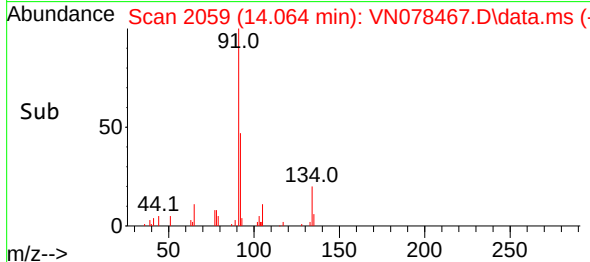
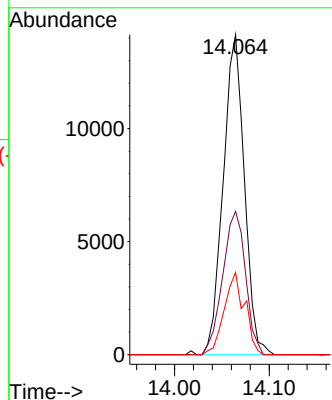
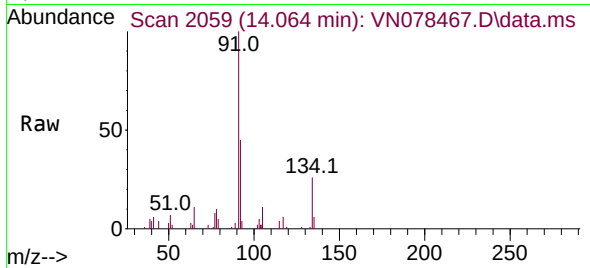




#89
n-Butylbenzene
Concen: 2.294 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

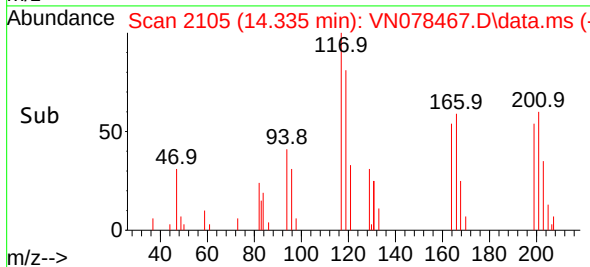
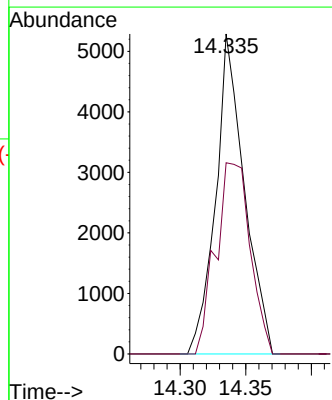
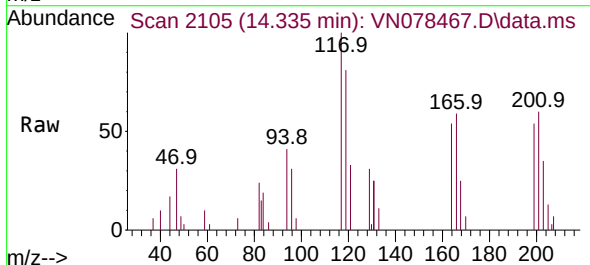
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

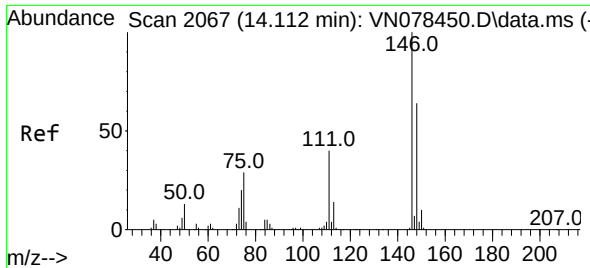
Tgt Ion: 91 Resp: 22025
Ion Ratio Lower Upper
91 100
92 48.2 26.4 79.0
134 24.9 12.6 37.6



#90
Hexachloroethane
Concen: 2.831 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion: 117 Resp: 8029
Ion Ratio Lower Upper
117 100
201 71.9 29.3 88.0

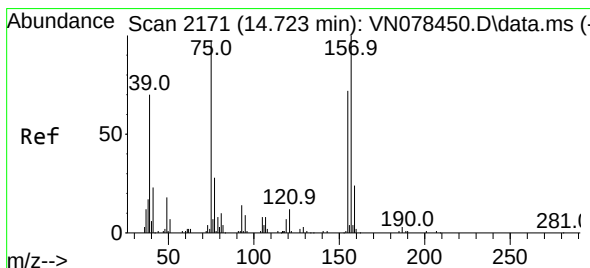
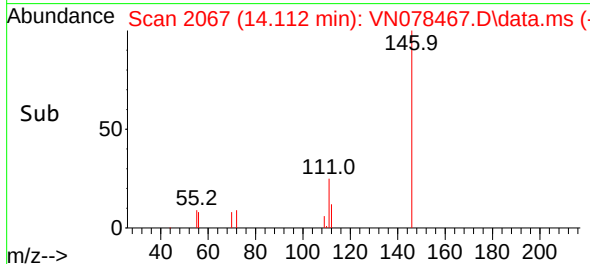
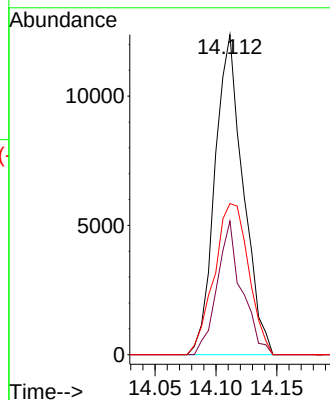
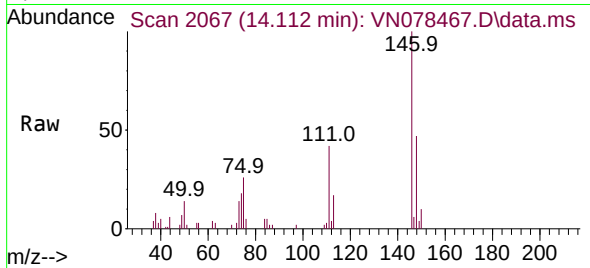




#91
1,2-Dichlorobenzene
Concen: 2.656 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

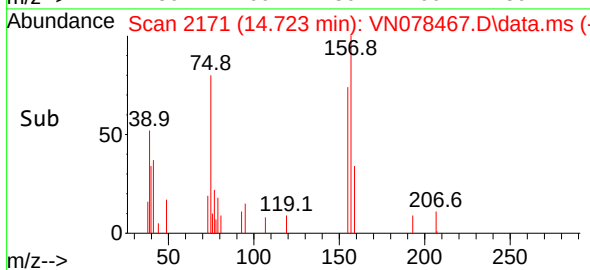
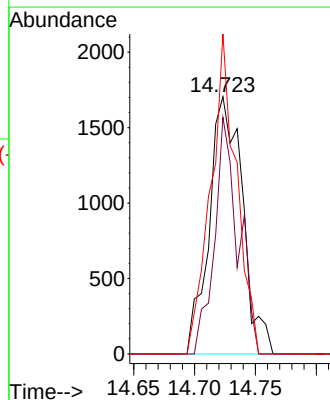
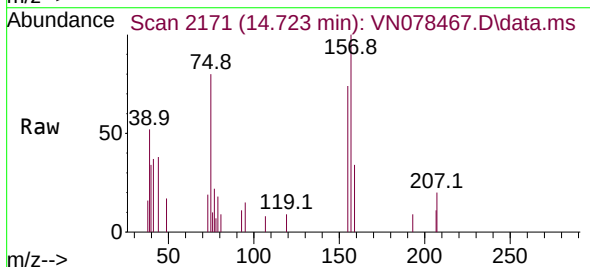
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

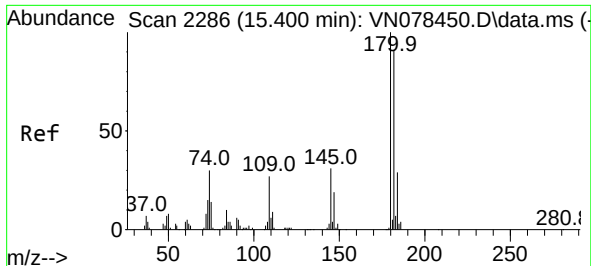
Tgt Ion:	146	Resp:	19999
Ion Ratio	Lower	Upper	
146	100		
111	36.5	22.0	66.0
148	57.6	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.952 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion:	75	Resp:	3239
Ion Ratio	Lower	Upper	
75	100		
155	65.9	39.1	117.2
157	96.2	50.3	150.9

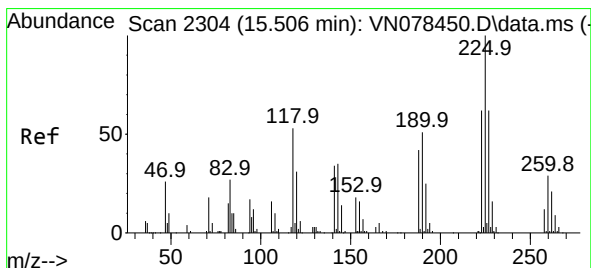
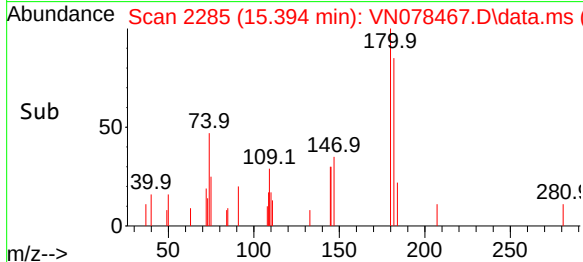
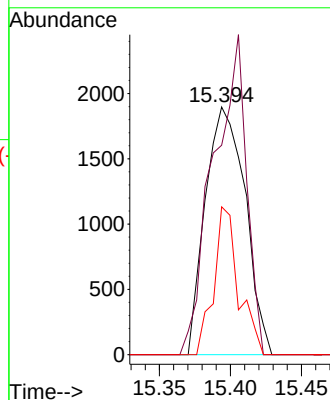
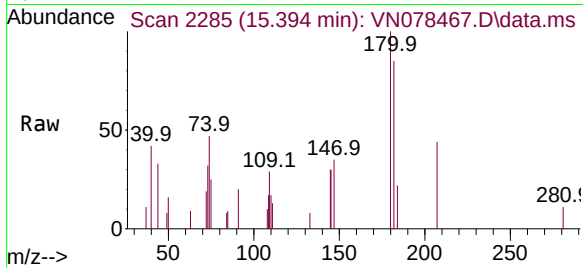




#93
1,2,4-Trichlorobenzene
Concen: 1.541 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

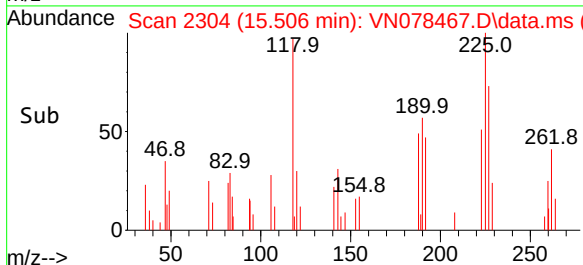
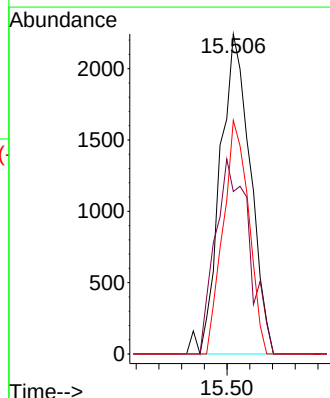
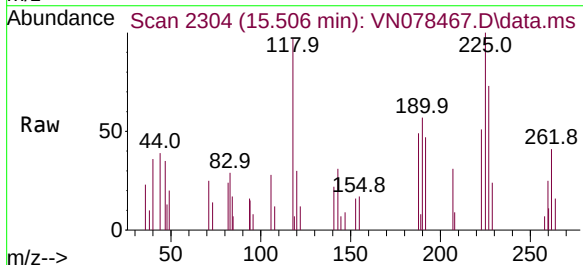
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

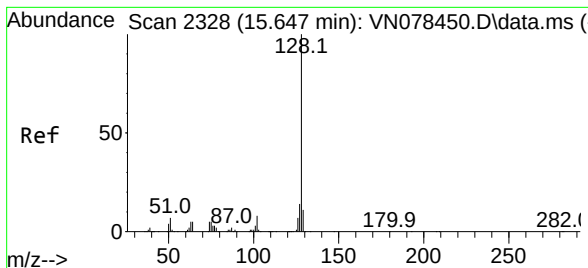
Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.2	46.1	138.2
145	36.9	16.6	49.8



#94
Hexachlorobutadiene
Concen: 2.638 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078467.D
Acq: 11 Jul 2023 17:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.9	31.3	93.8
227	61.4	31.9	95.9





#95

Naphthalene

Concen: 1.470 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078467.D

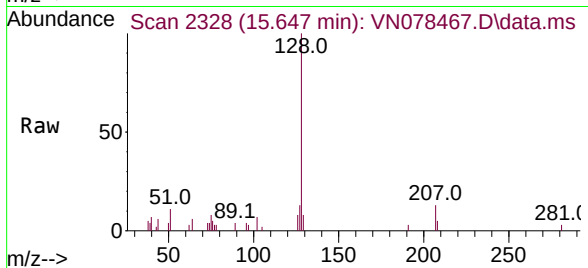
Acq: 11 Jul 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



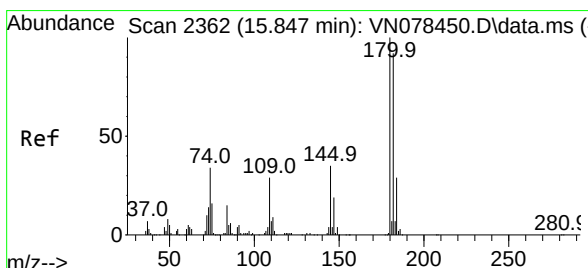
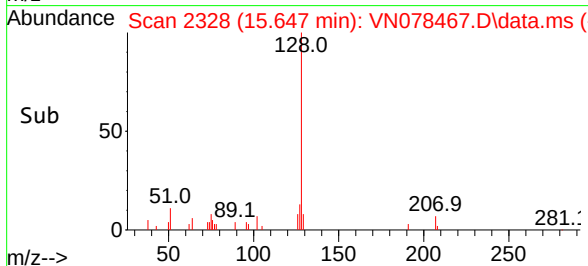
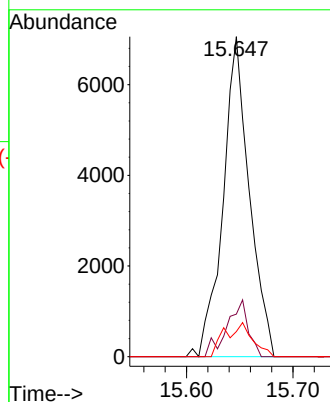
Tgt Ion:128 Resp: 12081

Ion Ratio Lower Upper

128 100

127 14.4 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.607 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078467.D

Acq: 11 Jul 2023 17:27

Tgt Ion:180 Resp: 4440

Ion Ratio Lower Upper

180 100

182 87.1 46.2 138.6

145 37.8 17.5 52.6

