

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078466.D
 Acq On : 11 Jul 2023 17:03
 Operator : JC\MD
 Sample : 03572-07 .75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 12 02:48:08 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	8.235	168	477253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	848929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	708669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	366706	57.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.620%	
35) Dibromofluoromethane	8.171	113	317103	55.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.060%	
50) Toluene-d8	10.576	98	1138051	52.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.859	95	323951	48.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	5158	0.882	ug/l	90
3) Chloromethane	2.377	50	5733	0.901	ug/l	96
4) Vinyl Chloride	2.512	62	6623	0.805	ug/l #	83
5) Bromomethane	2.959	94	6608	1.125	ug/l	87
6) Chloroethane	3.130	64	5236	0.942	ug/l	89
7) Trichlorofluoromethane	3.494	101	7639	0.777	ug/l #	71
8) Diethyl Ether	3.983	74	2650	0.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	4068	0.781	ug/l #	87
10) Methyl Iodide	4.588	142	4295	0.600	ug/l	91
11) Tert butyl alcohol	5.541	59	6257m	6.342	ug/l	
12) 1,1-Dichloroethene	4.347	96	3962	0.787	ug/l #	65
13) Acrolein	4.212	56	3424m	3.527	ug/l	
14) Allyl chloride	5.030	41	3776	0.549	ug/l	94
15) Acrylonitrile	5.741	53	8736m	3.505	ug/l	
16) Acetone	4.447	43	7848	3.938	ug/l	91
17) Carbon Disulfide	4.712	76	10813	0.743	ug/l #	85
18) Methyl Acetate	5.047	43	6517	0.772	ug/l #	79
19) Methyl tert-butyl Ether	5.806	73	10906	0.657	ug/l	96
20) Methylene Chloride	5.294	84	7531	1.171	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	4545	0.801	ug/l	86
22) Diisopropyl ether	6.682	45	10156	0.659	ug/l #	93
23) Vinyl Acetate	6.618	43	31953	3.262	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	7436	0.716	ug/l #	81
25) 2-Butanone	7.506	43	10036	3.199	ug/l	99
26) 2,2-Dichloropropane	7.494	77	6705	0.790	ug/l	91
27) cis-1,2-Dichloroethene	7.494	96	4908	0.748	ug/l	90
28) Bromochloromethane	7.824	49	3668	0.750	ug/l #	96
29) Tetrahydrofuran	7.847	42	7201	3.498	ug/l #	20
30) Chloroform	7.971	83	8415	0.779	ug/l	97
31) Cyclohexane	8.235	56	16220	1.876	ug/l #	39
32) 1,1,1-Trichloroethane	8.171	97	6563	0.677	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6319	0.759	ug/l #	68
37) Ethyl Acetate	7.571	43	4419	0.637	ug/l #	80
38) Carbon Tetrachloride	8.371	117	6939	0.767	ug/l	85
39) Methylcyclohexane	9.612	83	5368	0.707	ug/l #	80
40) Benzene	8.618	78	17682	0.717	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078466.D
 Acq On : 11 Jul 2023 17:03
 Operator : JC\MD
 Sample : 03572-07 .75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 12 02:48:08 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)
41) Methacrylonitrile	7.794	41	2550	0.721	ug/l #	78
42) 1,2-Dichloroethane	8.676	62	6922	0.826	ug/l	97
43) Isopropyl Acetate	8.700	43	8038	0.704	ug/l #	90
44) Trichloroethene	9.359	130	4576	0.689	ug/l	84
45) 1,2-Dichloropropane	9.629	63	4517	0.723	ug/l #	52
46) Dibromomethane	9.712	93	3519	0.801	ug/l	90
47) Bromodichloromethane	9.888	83	6107	0.693	ug/l #	91
48) Methyl methacrylate	9.688	41	3698	0.699	ug/l #	74
49) 1,4-Dioxane	9.706	88	2016	17.472	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	21815	3.211	ug/l	89
52) Toluene	10.635	92	10547	0.690	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	5836	0.647	ug/l #	85
54) cis-1,3-Dichloropropene	10.318	75	6769	0.704	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	4510	0.749	ug/l #	82
56) Ethyl methacrylate	10.882	69	5826	0.692	ug/l	89
57) 1,3-Dichloropropane	11.170	76	6600	0.645	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	7300	2.434	ug/l	97
59) 2-Hexanone	11.200	43	15036	3.115	ug/l	83
60) Dibromochloromethane	11.359	129	4109	0.618	ug/l	78
61) 1,2-Dibromoethane	11.476	107	4009	0.647	ug/l	97
64) Tetrachloroethene	11.112	164	4472	0.839	ug/l #	78
65) Chlorobenzene	11.894	112	11687	0.738	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	3812	0.626	ug/l #	52
67) Ethyl Benzene	11.970	91	17632	0.659	ug/l	99
68) m/p-Xylenes	12.076	106	12350	1.248	ug/l	95
69) o-Xylene	12.406	106	6037	0.604	ug/l	98
70) Styrene	12.412	104	8299	0.531	ug/l #	77
71) Bromoform	12.594	173	3062	0.742	ug/l #	96
73) Isopropylbenzene	12.706	105	14278	0.739	ug/l	93
74) N-amyl acetate	12.506	43	4691	0.705	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5775	0.885	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6262	1.260	ug/l	72
77) Bromobenzene	12.988	156	4095	0.863	ug/l	92
78) n-propylbenzene	13.041	91	15576	0.754	ug/l	96
79) 2-Chlorotoluene	13.135	91	10484	0.775	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	11460	0.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	1077m	0.569	ug/l	
82) 4-Chlorotoluene	13.223	91	10029	0.794	ug/l	93
83) tert-Butylbenzene	13.447	119	9530	0.735	ug/l	97
84) 1,2,4-Trimethylbenzene	13.494	105	9631	0.650	ug/l	82
85) sec-Butylbenzene	13.623	105	10828	0.661	ug/l	99
86) p-Isopropyltoluene	13.741	119	8172	0.621	ug/l #	82
87) 1,3-Dichlorobenzene	13.747	146	5439	0.733	ug/l	99
88) 1,4-Dichlorobenzene	13.747	146	5439	0.728	ug/l	97
89) n-Butylbenzene	14.064	91	5688	0.604	ug/l	92
90) Hexachloroethane	14.335	117	2760	0.993	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	4936	0.669	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.735	75	760	0.707	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	1108	0.470	ug/l	76
94) Hexachlorobutadiene	15.505	225	1265	0.821	ug/l	85
95) Naphthalene	15.647	128	5126	0.636	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.835	180	684	0.253	ug/l #	13

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
Data File : VN078466.D
Acq On : 11 Jul 2023 17:03
Operator : JC\MD
Sample : 03572-07 .75PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

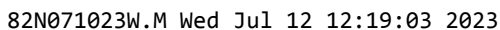
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

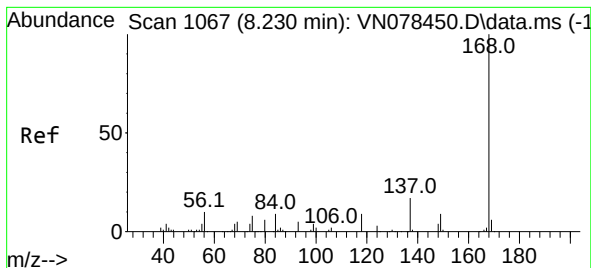
Quant Time: Jul 12 02:48:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 12 02:45:11 2023
Response via : Initial Calibration

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

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

Quant Time: Jul 12 02:48:08 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

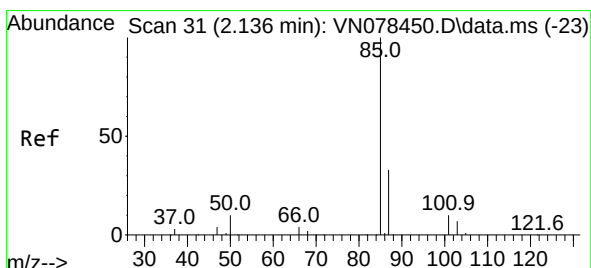
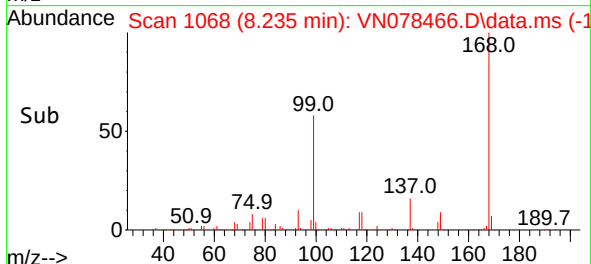
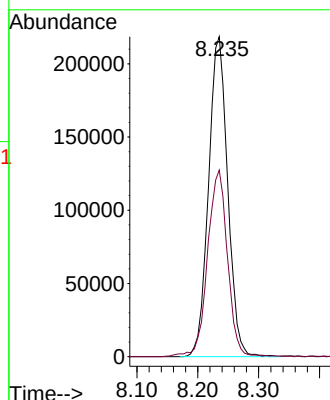
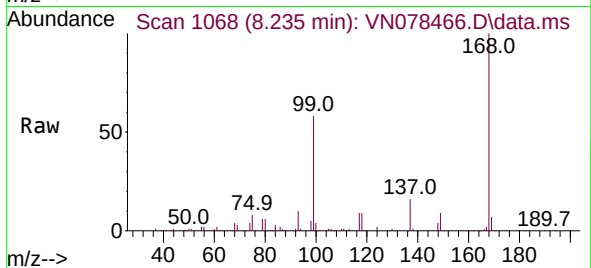
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:168 Resp: 477253

Ion Ratio Lower Upper

168 100

99 58.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.882 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN078466.D

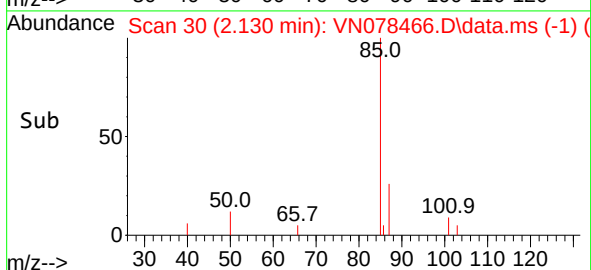
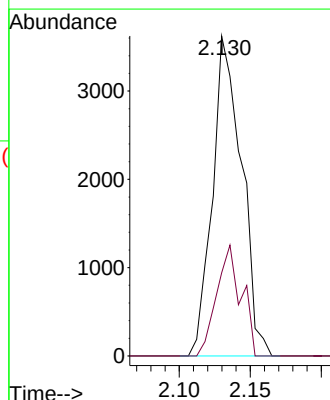
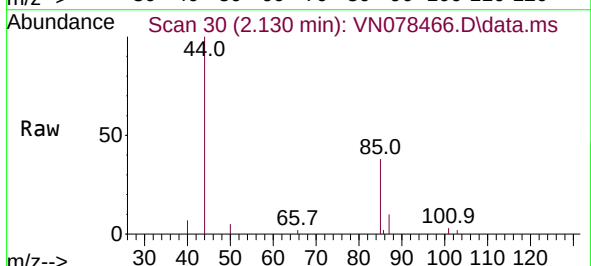
Acq: 11 Jul 2023 17:03

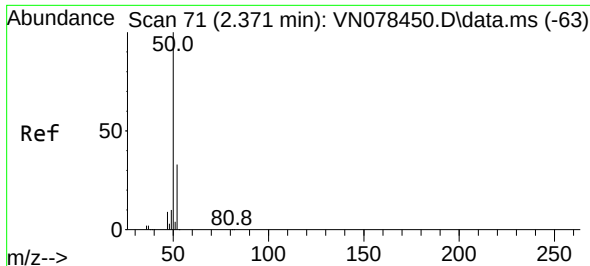
Tgt Ion: 85 Resp: 5158

Ion Ratio Lower Upper

85 100

87 26.0 15.8 47.4

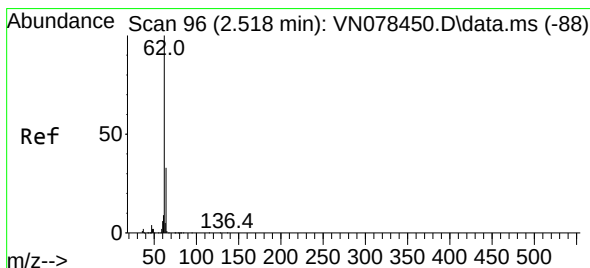
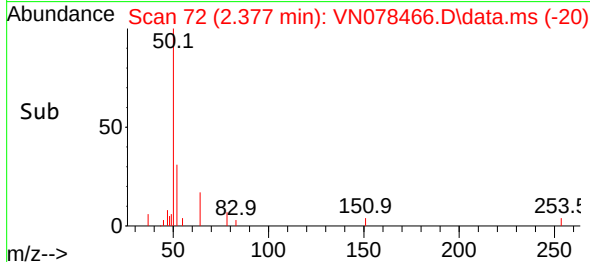
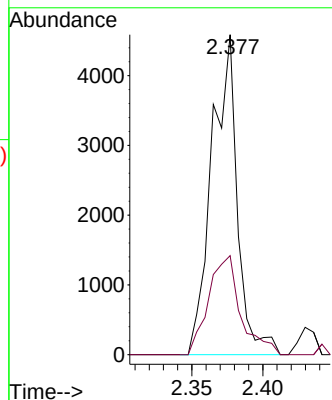
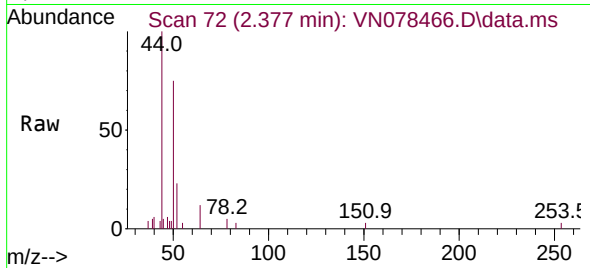




#3
Chloromethane
Concen: 0.901 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

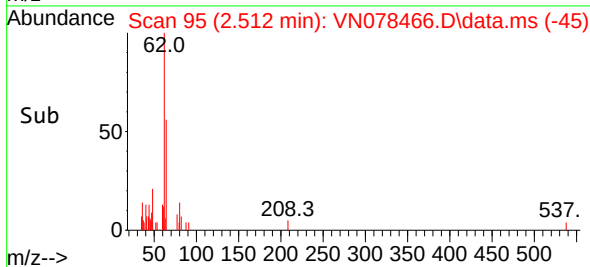
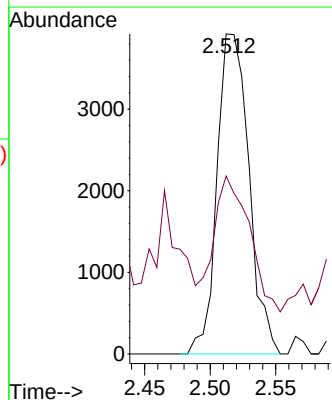
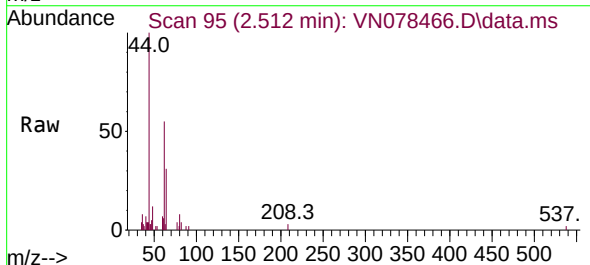
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

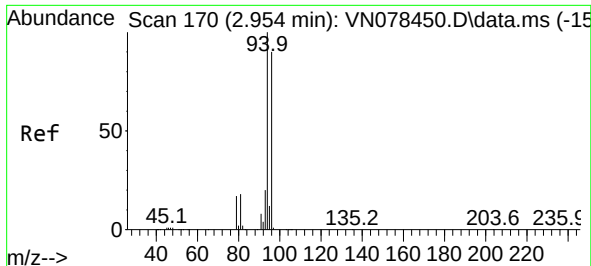
Tgt Ion: 50 Resp: 5733
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7



#4
Vinyl Chloride
Concen: 0.805 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 62 Resp: 6623
Ion Ratio Lower Upper
62 100
64 42.5 26.2 39.2#

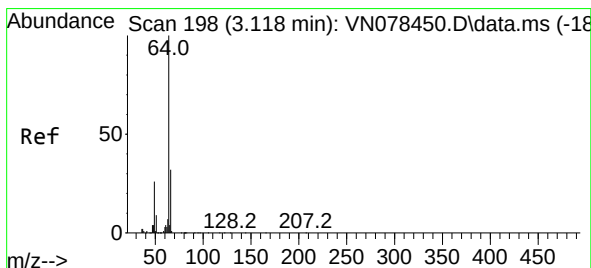
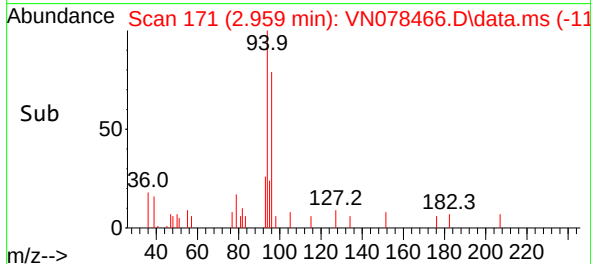
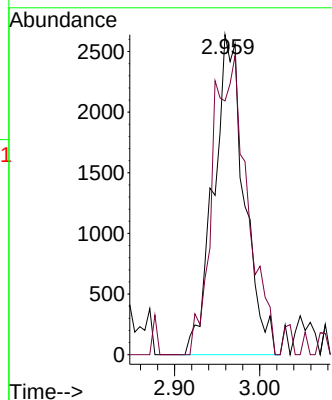
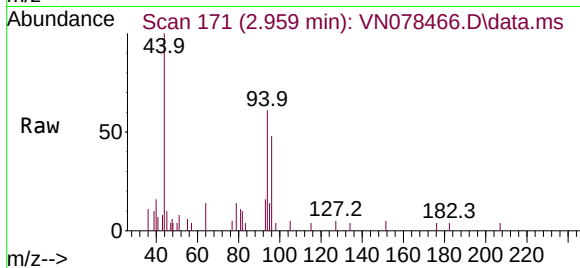




#5
Bromomethane
Concen: 1.125 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

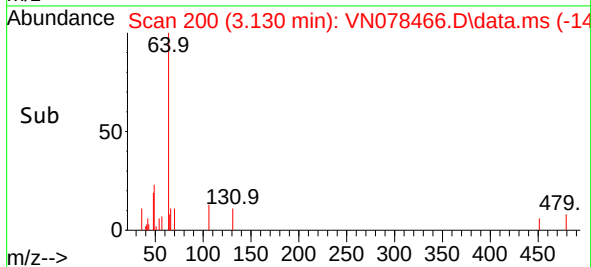
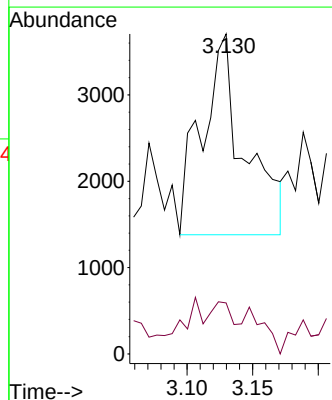
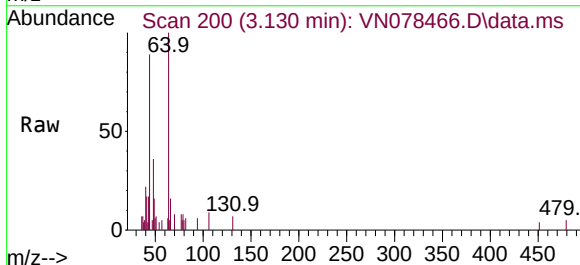
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

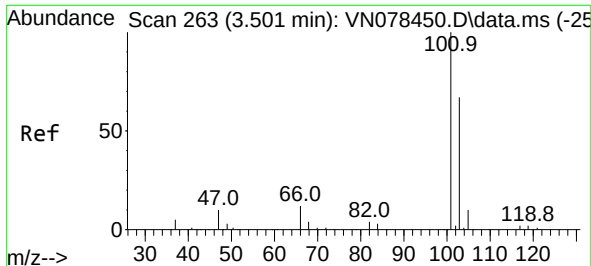
Tgt Ion: 94 Resp: 6608
Ion Ratio Lower Upper
94 100
96 79.3 73.1 109.7



#6
Chloroethane
Concen: 0.942 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 64 Resp: 5236
Ion Ratio Lower Upper
64 100
66 25.5 25.4 38.2

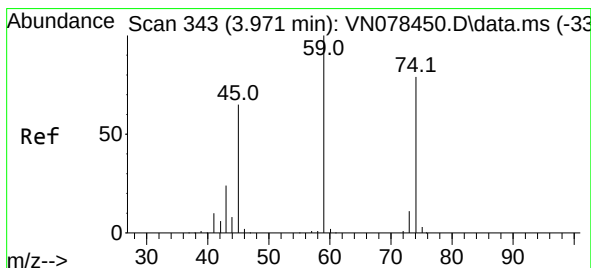
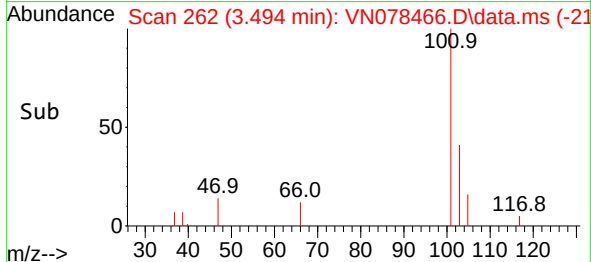
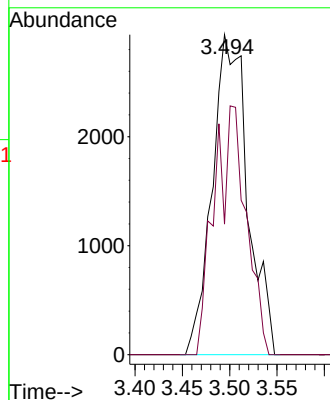
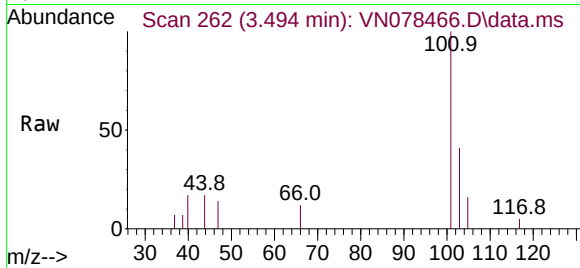




#7
 Trichlorofluoromethane
 Concen: 0.777 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

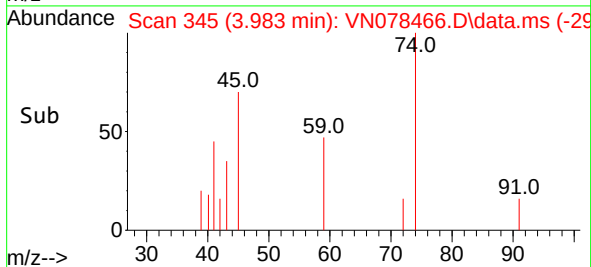
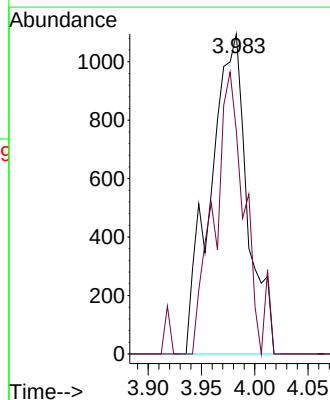
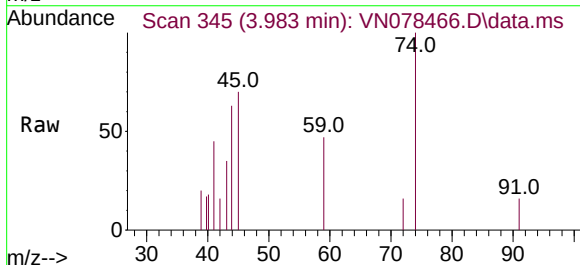
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

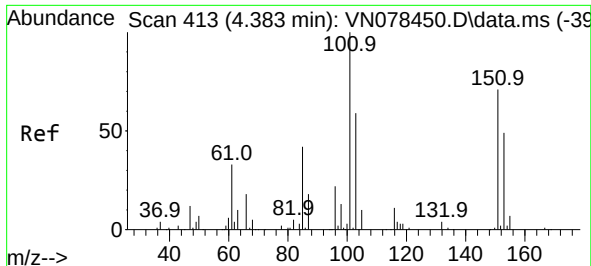
Tgt Ion:101 Resp: 7639
 Ion Ratio Lower Upper
 101 100
 103 40.8 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.809 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.012 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

Tgt Ion: 74 Resp: 2650
 Ion Ratio Lower Upper
 74 100
 45 69.5 34.4 103.3

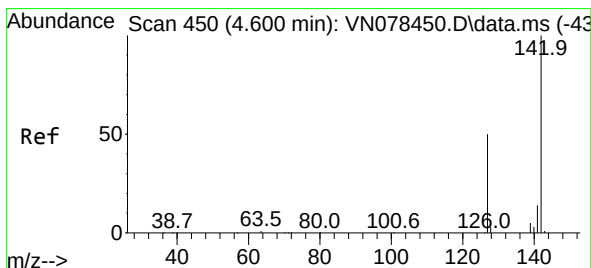
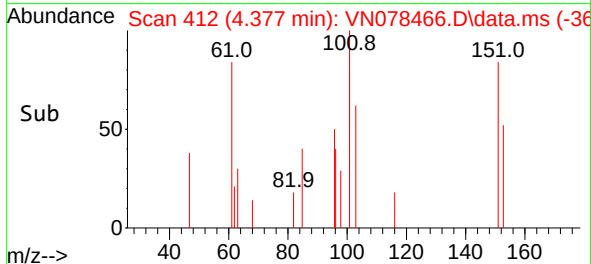
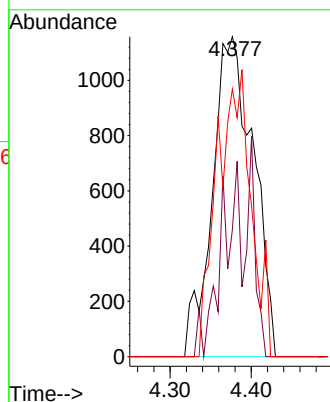
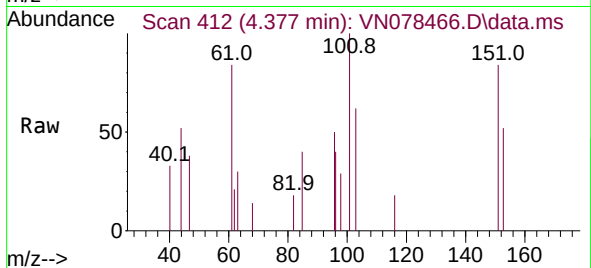




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.781 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

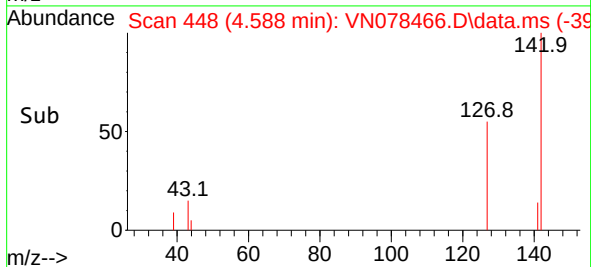
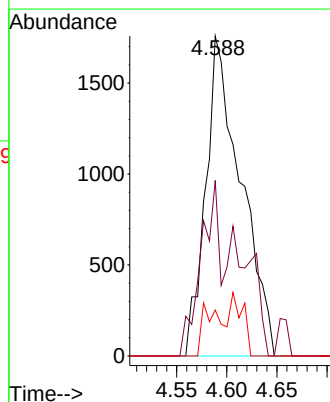
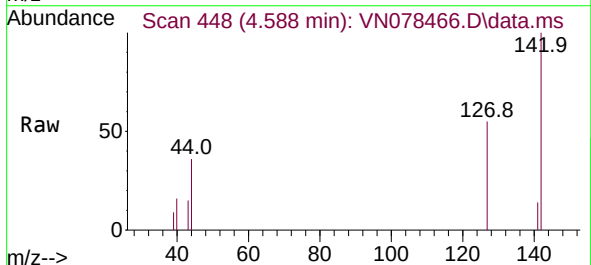
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

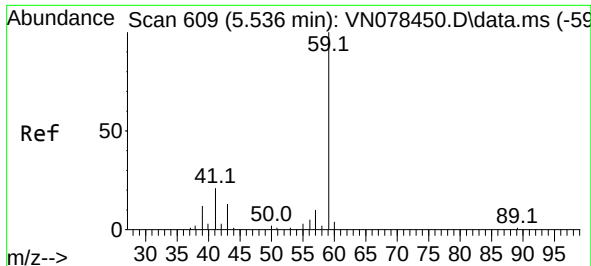
Tgt Ion:101 Resp: 4068
Ion Ratio Lower Upper
101 100
85 27.3 36.6 55.0#
151 74.3 57.6 86.4



#10
Methyl Iodide
Concen: 0.600 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:142 Resp: 4295
Ion Ratio Lower Upper
142 100
127 54.9 37.6 56.4
141 14.3 11.4 17.0

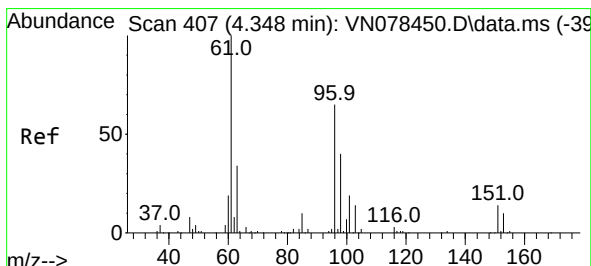
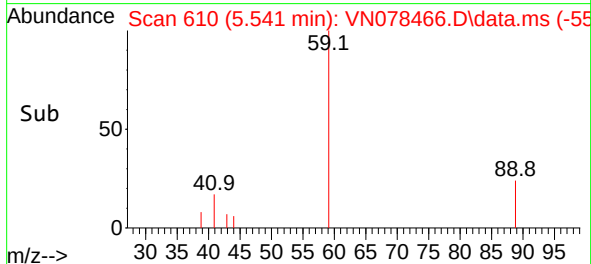
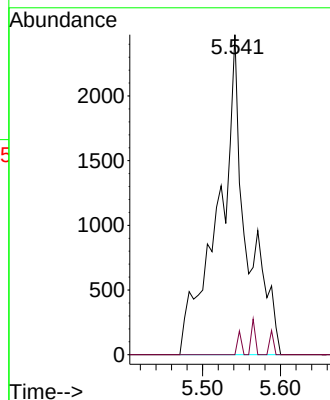
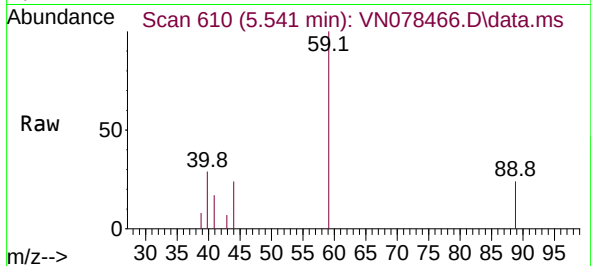




#11
Tert butyl alcohol
Concen: 6.342 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

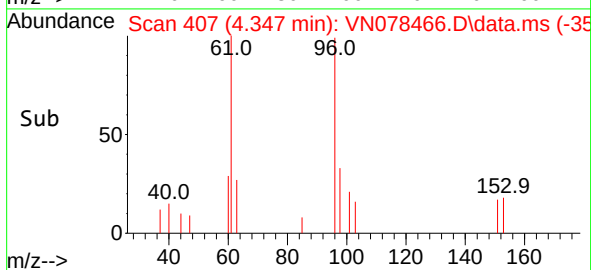
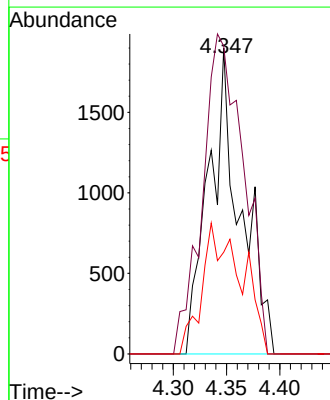
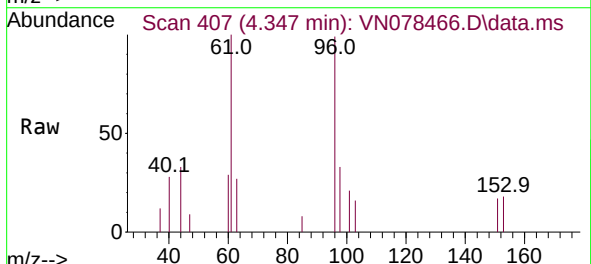
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

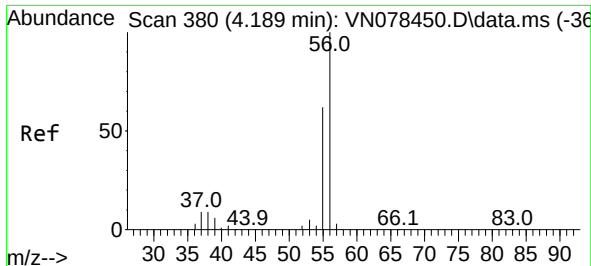
Tgt Ion: 59 Resp: 6257
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.787 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 96 Resp: 3962
Ion Ratio Lower Upper
96 100
61 100.6 112.7 169.1#
98 33.3 51.2 76.8#





#13

Acrolein

Concen: 3.527 ug/l m

RT: 4.212 min Scan# 3

Delta R.T. 0.023 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

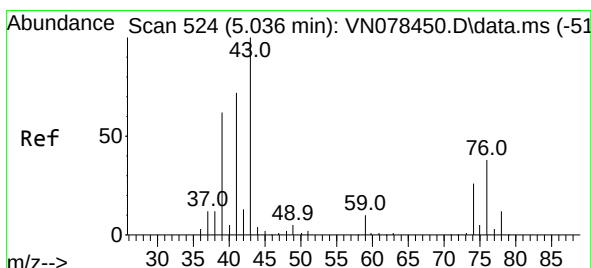
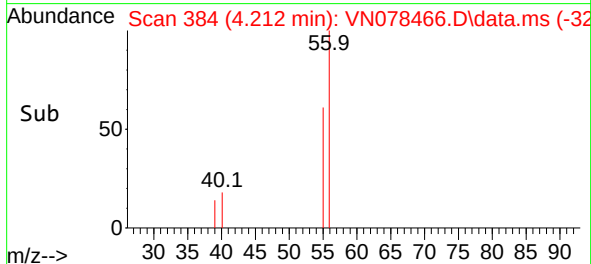
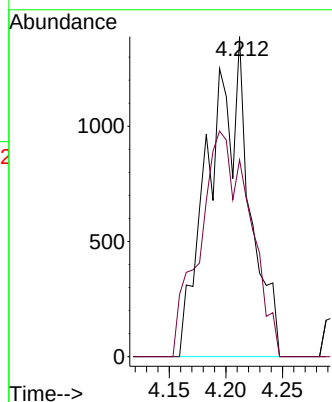
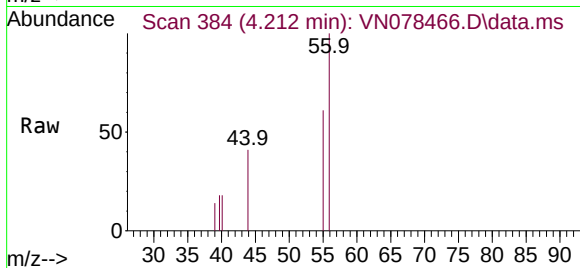
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 3424

Ion Ratio Lower Upper

56 100

55 87.5 54.5 81.7#



#14

Allyl chloride

Concen: 0.549 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

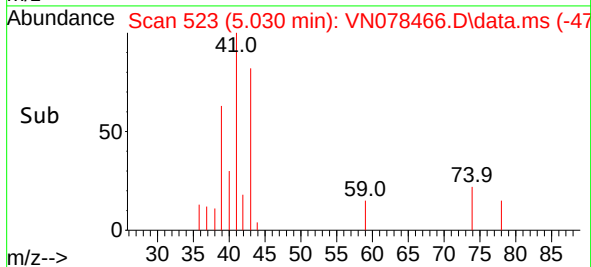
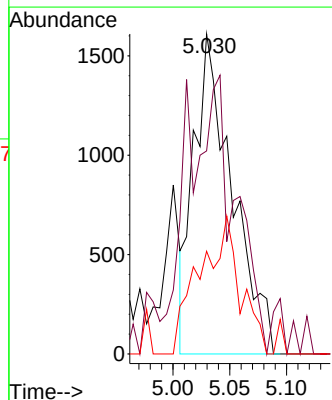
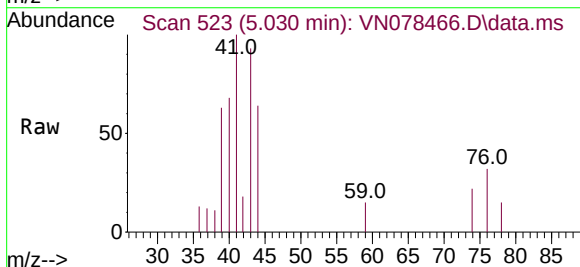
Tgt Ion: 41 Resp: 3776

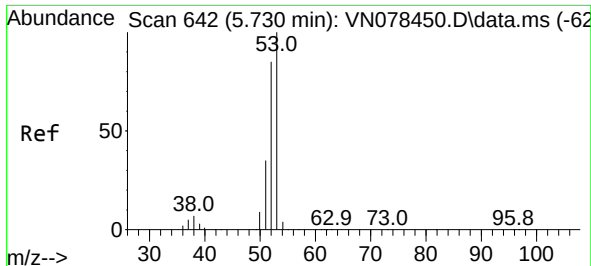
Ion Ratio Lower Upper

41 100

39 67.3 58.8 88.2

76 45.5 39.1 58.7

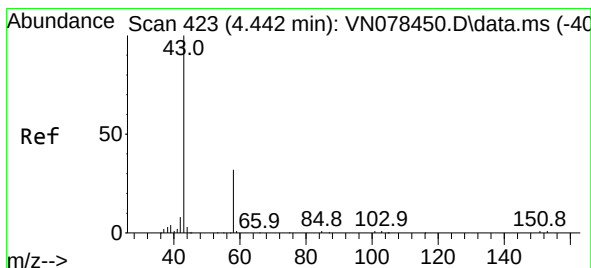
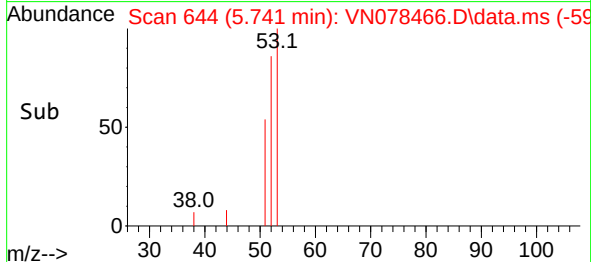
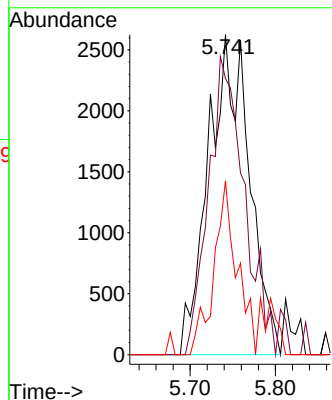
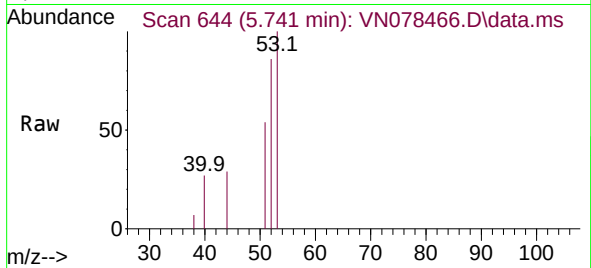




#15
Acrylonitrile
Concen: 3.505 ug/l m
RT: 5.741 min Scan# 64
Delta R.T. 0.011 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

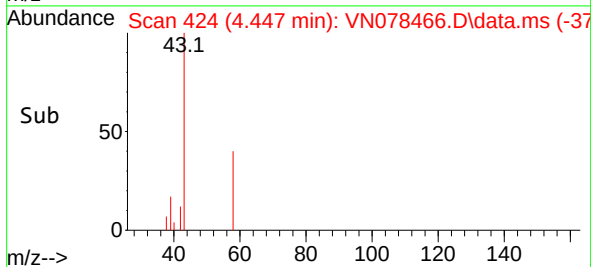
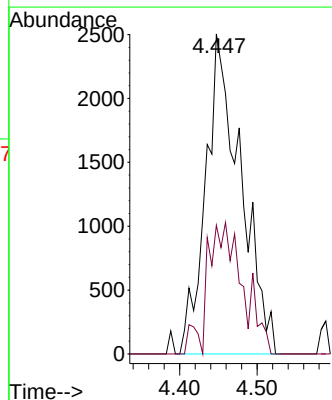
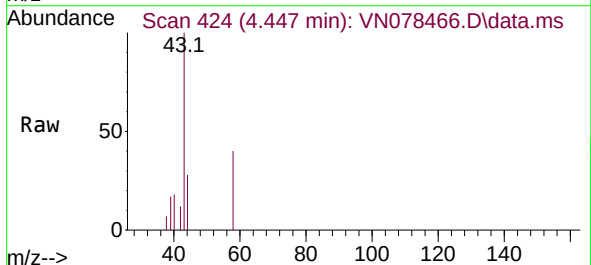
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

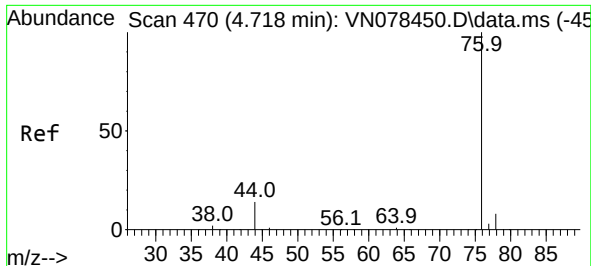
Tgt Ion:	53	Resp:	8736
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	30.8	28.9	43.3



#16
Acetone
Concen: 3.938 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:	43	Resp:	7848
Ion	Ratio	Lower	Upper
43	100		
58	40.2	28.0	42.0

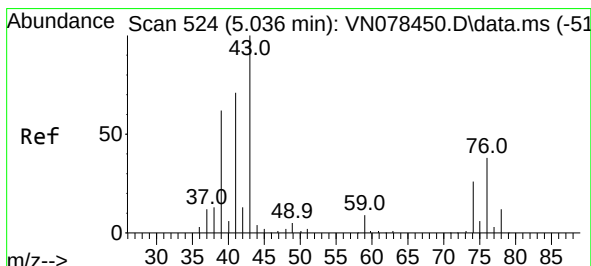
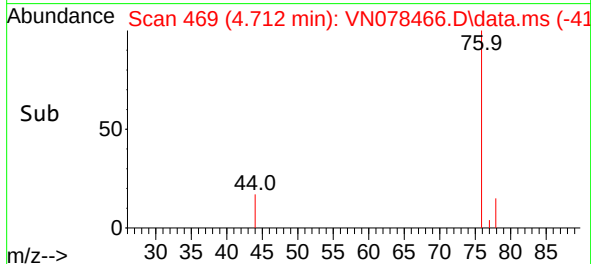
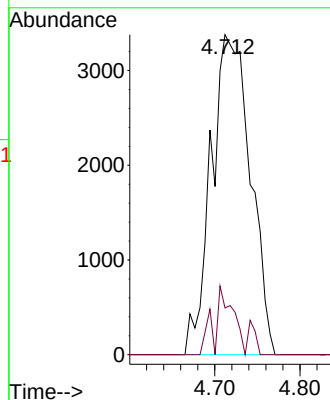
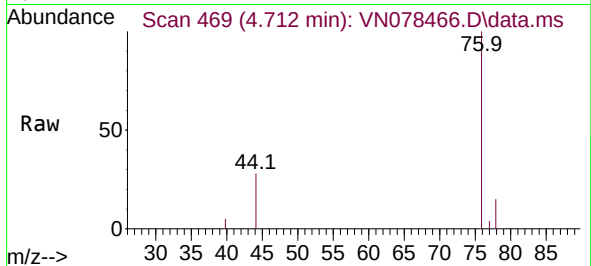




#17
Carbon Disulfide
Concen: 0.743 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

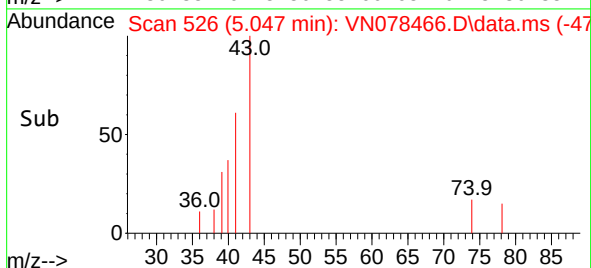
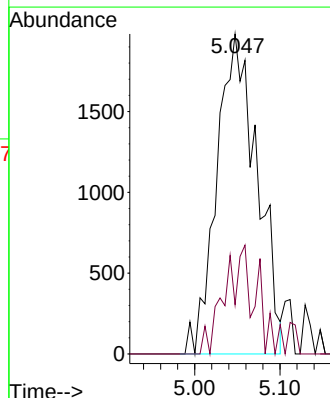
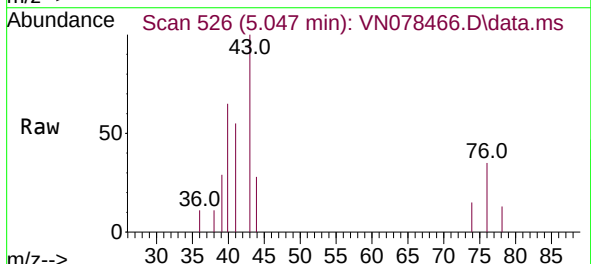
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

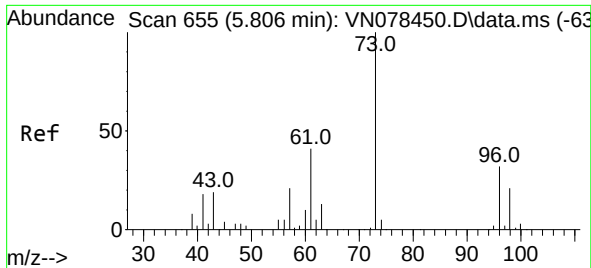
Tgt Ion: 76 Resp: 10813
Ion Ratio Lower Upper
76 100
78 14.6 7.4 11.0#



#18
Methyl Acetate
Concen: 0.772 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 43 Resp: 6517
Ion Ratio Lower Upper
43 100
74 20.7 26.2 39.4#

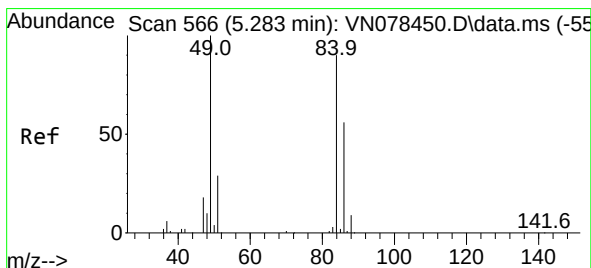
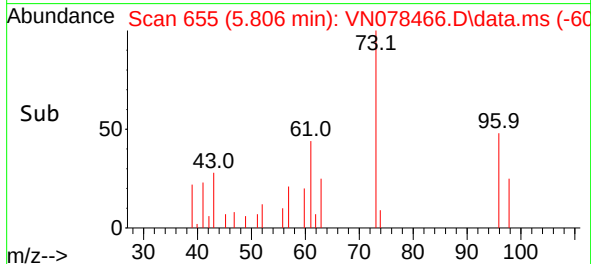
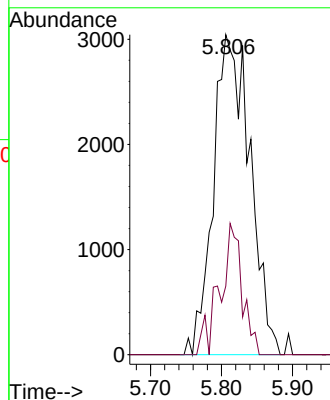
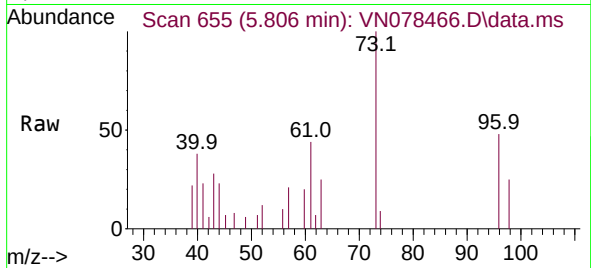




#19
Methyl tert-butyl Ether
Concen: 0.657 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

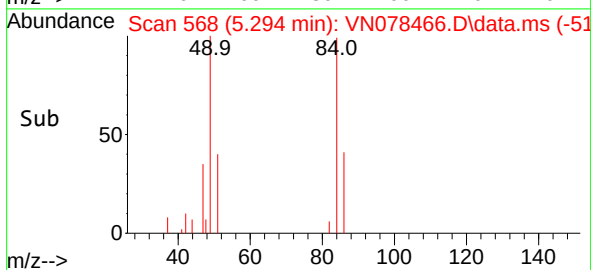
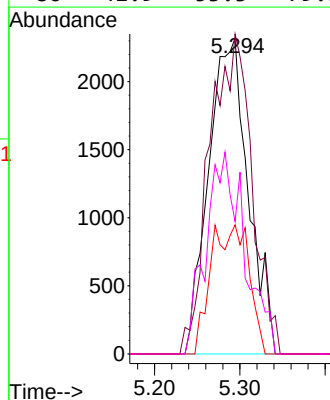
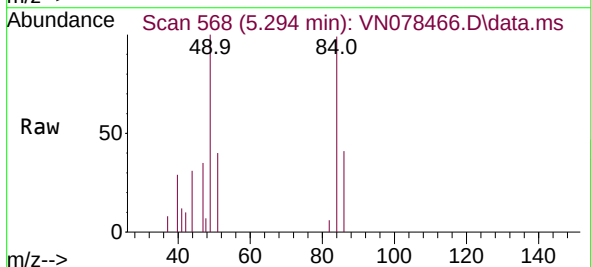
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

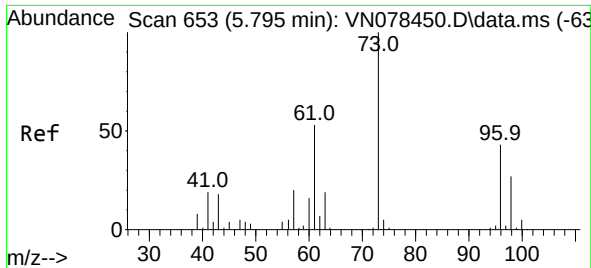
Tgt Ion: 73 Resp: 10906
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4



#20
Methylene Chloride
Concen: 1.171 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 84 Resp: 7531
Ion Ratio Lower Upper
84 100
49 101.3 79.7 119.5
51 40.9 25.2 37.8#
86 41.9 53.3 79.9#

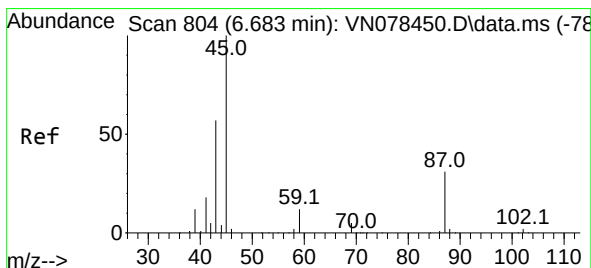
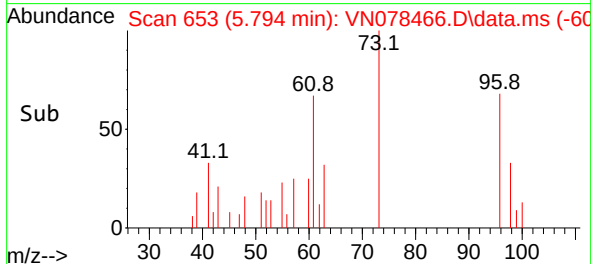
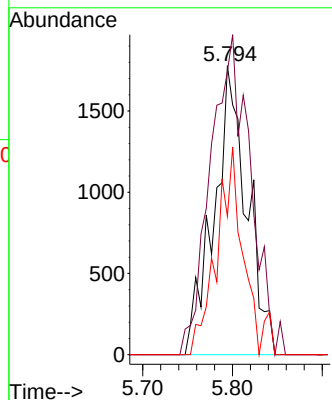
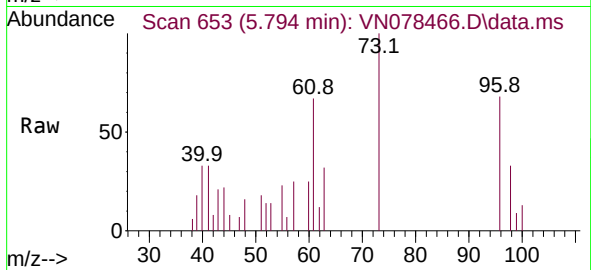




#21
trans-1,2-Dichloroethene
Concen: 0.801 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

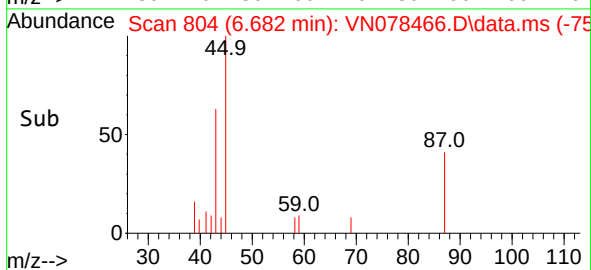
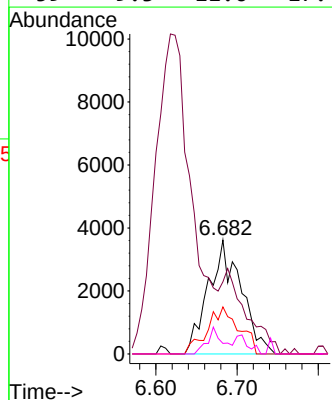
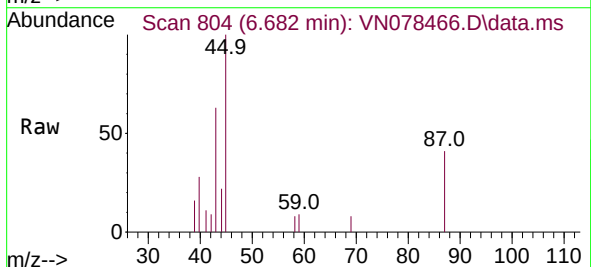
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

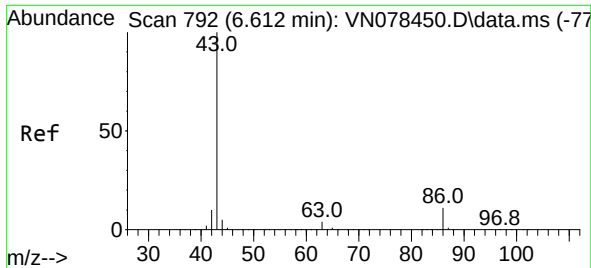
Tgt Ion: 96 Resp: 4545
Ion Ratio Lower Upper
96 100
61 98.0 90.1 135.1
98 47.9 46.4 69.6



#22
Diisopropyl ether
Concen: 0.659 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 45 Resp: 10156
Ion Ratio Lower Upper
45 100
43 63.3 45.5 68.3
87 41.3 31.8 47.8
59 9.3 11.6 17.4#

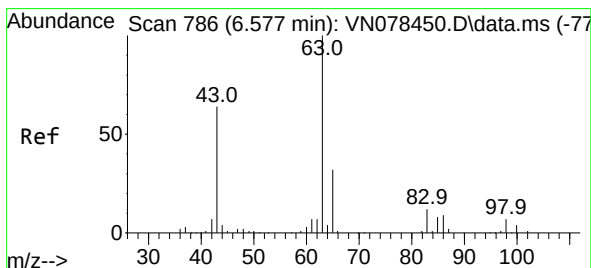
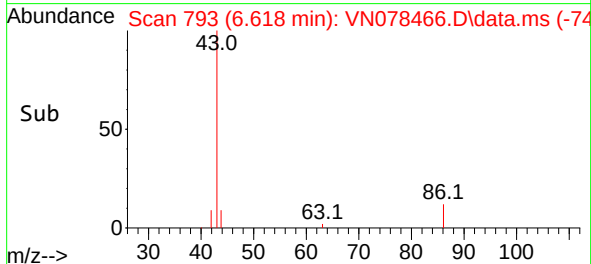
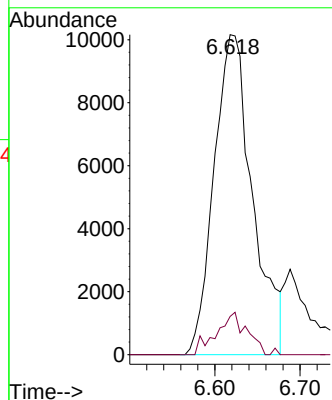
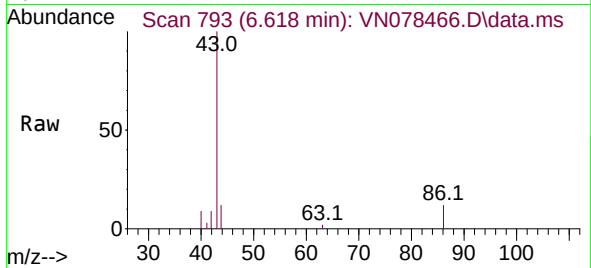




#23
 Vinyl Acetate
 Concen: 3.262 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

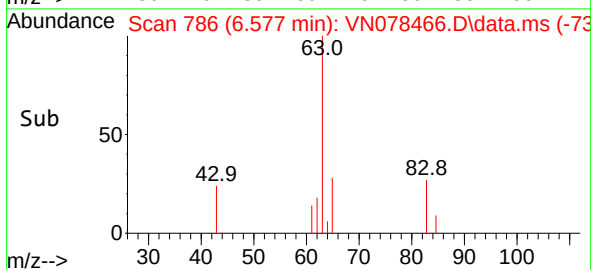
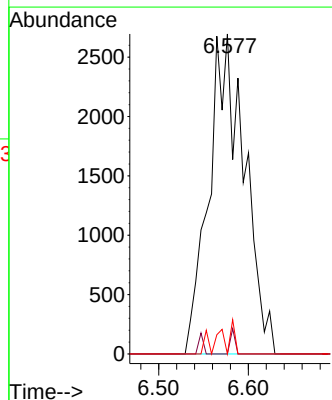
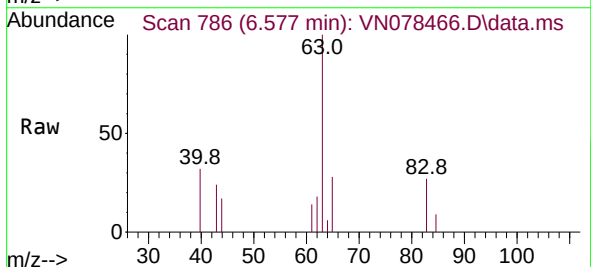
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

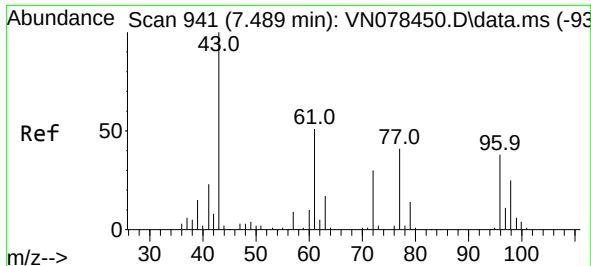
Tgt Ion: 43 Resp: 31953
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.716 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

Tgt Ion: 63 Resp: 7436
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 3.199 ug/l

RT: 7.506 min Scan# 941

Delta R.T. 0.017 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

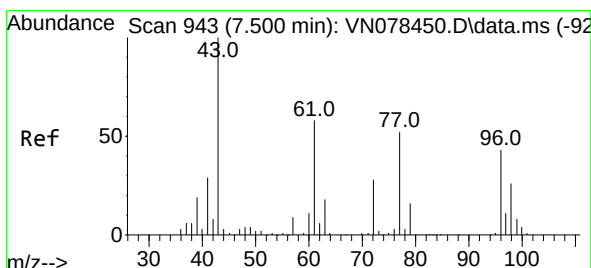
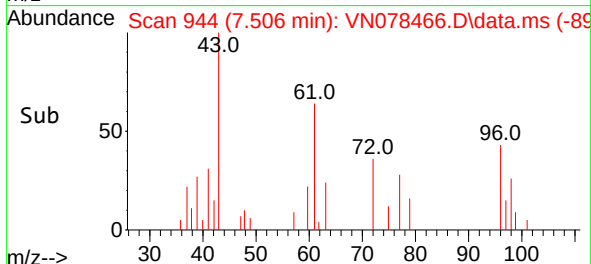
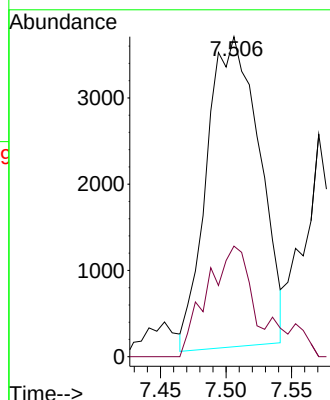
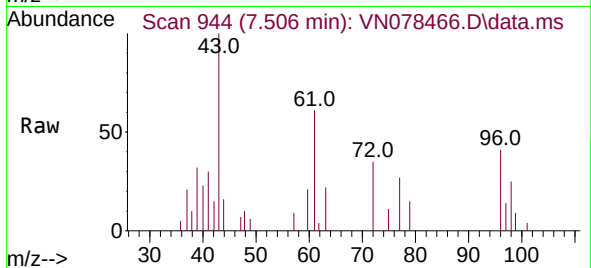
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 10036

Ion Ratio Lower Upper

43 100

72 37.2 30.2 45.2



#26

2,2-Dichloropropane

Concen: 0.790 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078466.D

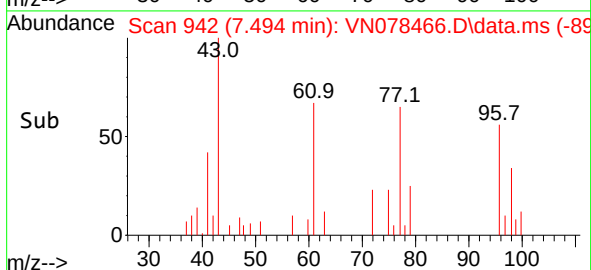
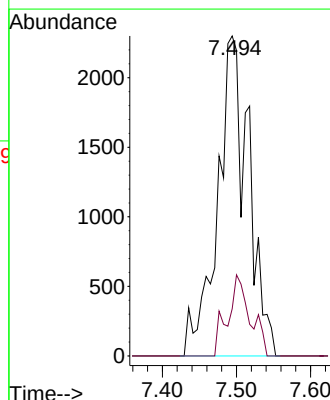
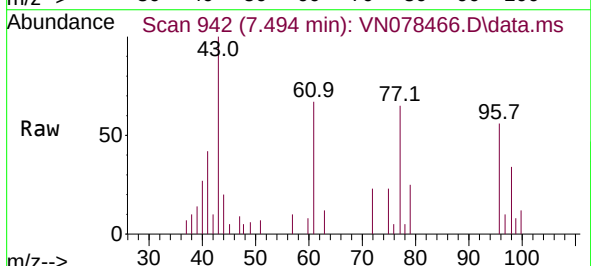
Acq: 11 Jul 2023 17:03

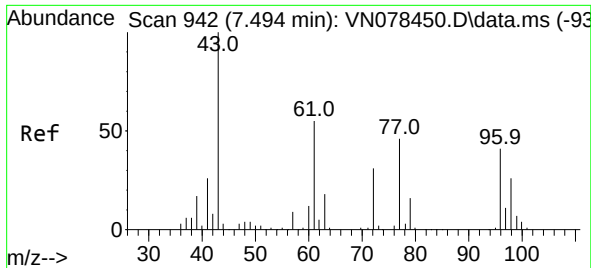
Tgt Ion: 77 Resp: 6705

Ion Ratio Lower Upper

77 100

97 18.3 11.2 33.6

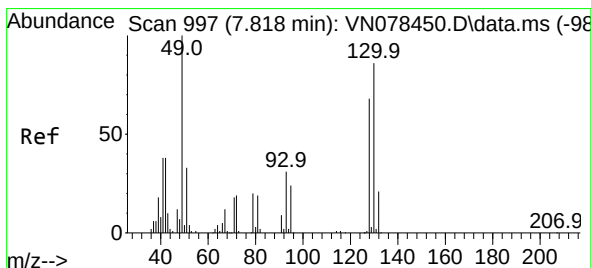
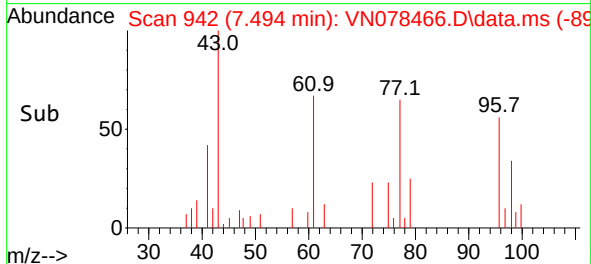
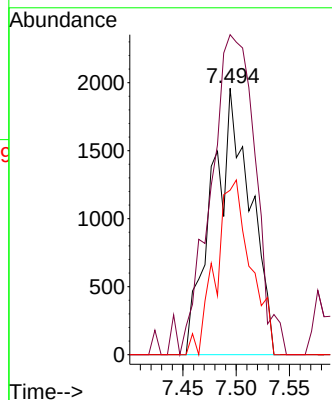
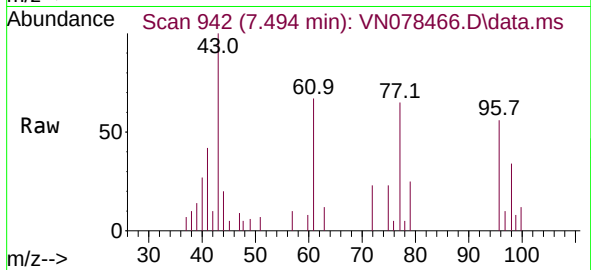




#27
 cis-1,2-Dichloroethene
 Concen: 0.748 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

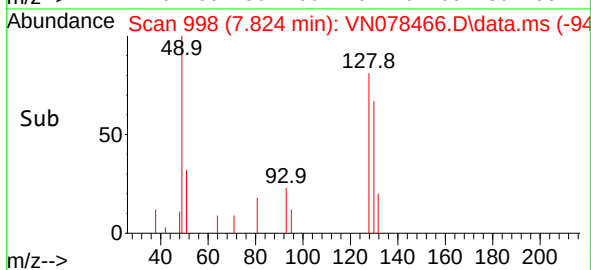
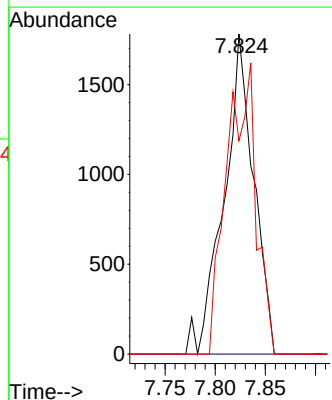
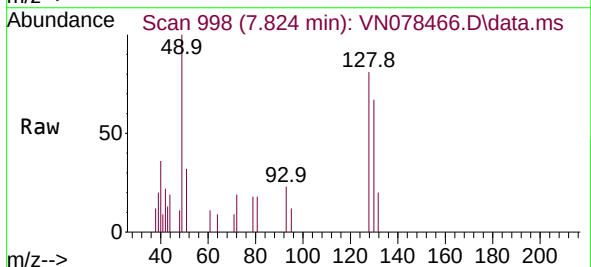
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

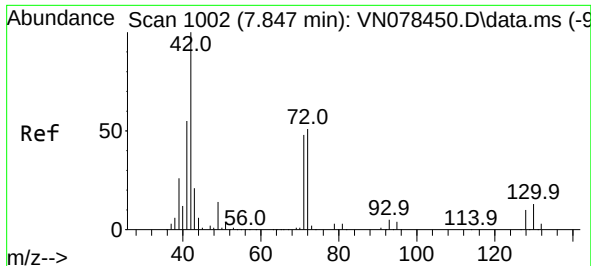
Tgt Ion: 96	Resp:	4908
Ion Ratio	Lower	Upper
96	100	
61	141.3	0.0 255.2
98	59.5	0.0 128.8



#28
 Bromochloromethane
 Concen: 0.750 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

Tgt Ion: 49	Resp:	3668
Ion Ratio	Lower	Upper
49	100	
129	0.0	0.0 4.8
130	89.9	75.3 112.9





#29

Tetrahydrofuran

Concen: 3.498 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078466.D

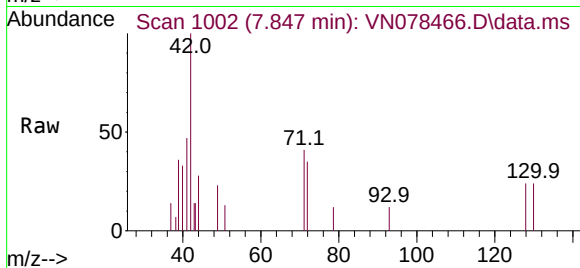
Acq: 11 Jul 2023 17:03

Instrument :

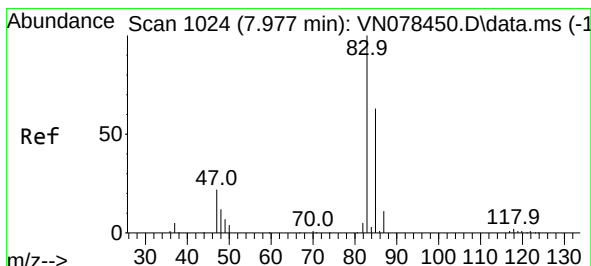
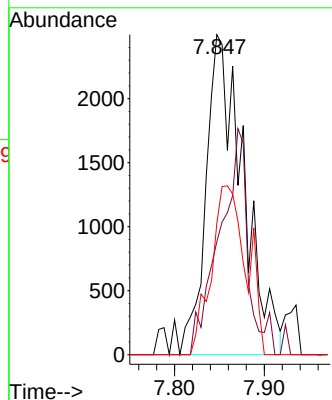
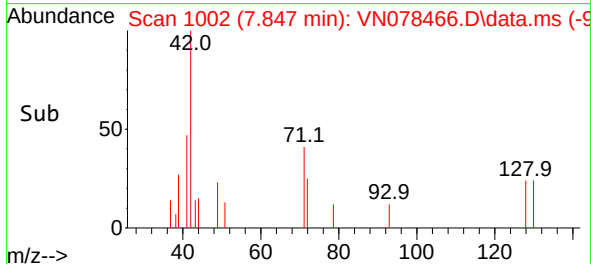
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	42	Resp:	7201
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#30

Chloroform

Concen: 0.779 ug/l

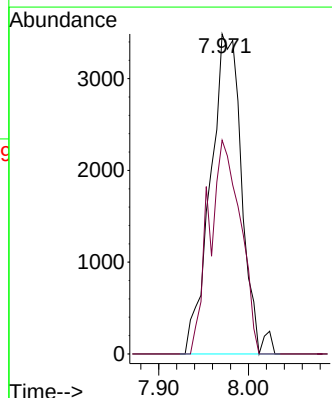
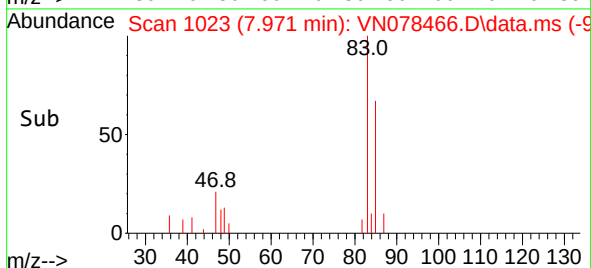
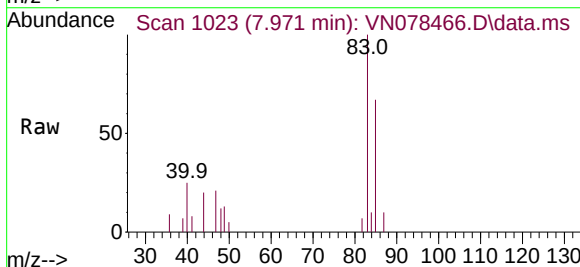
RT: 7.971 min Scan# 1023

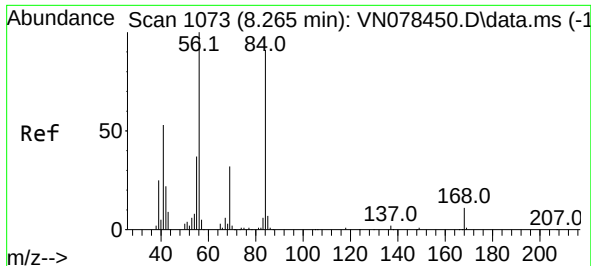
Delta R.T. -0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Tgt Ion:	83	Resp:	8415
Ion	Ratio	Lower	Upper
83	100		
85	66.8	55.4	83.0

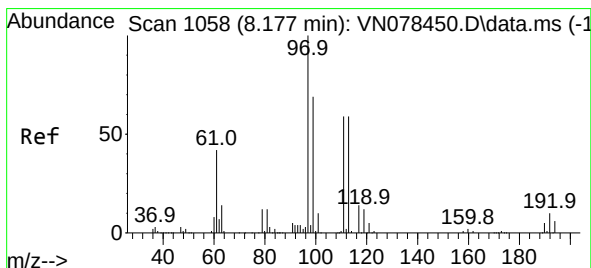
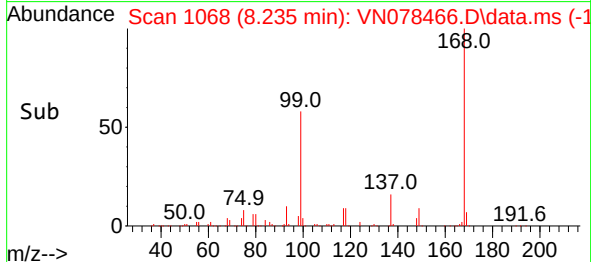
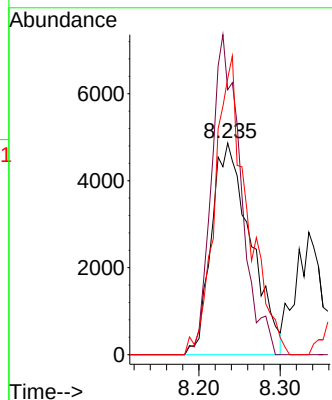
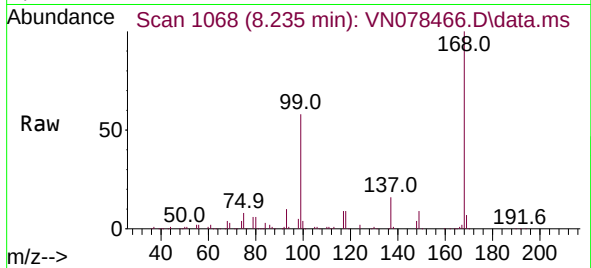




#31
Cyclohexane
Concen: 1.876 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

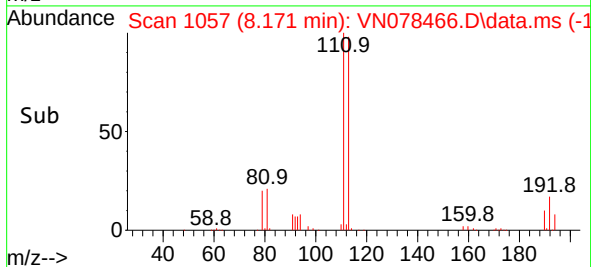
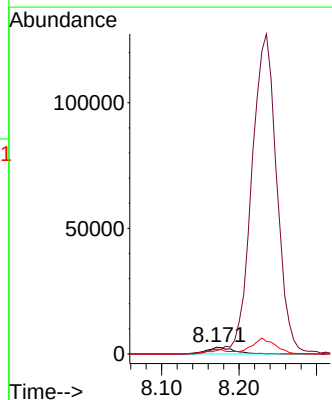
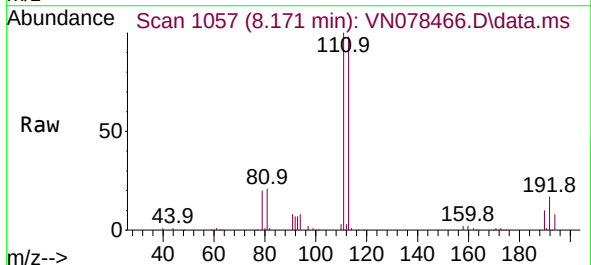
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

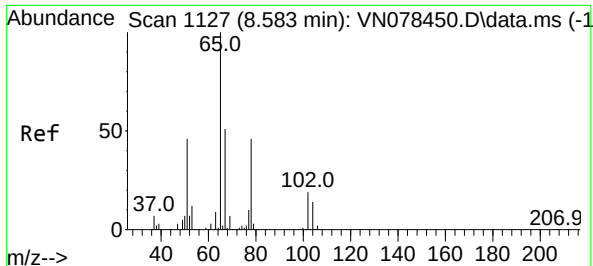
Tgt Ion: 56 Resp: 16220
Ion Ratio Lower Upper
56 100
69 125.2 26.8 40.2#
84 130.6 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.677 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 97 Resp: 6563
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: 57.315 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

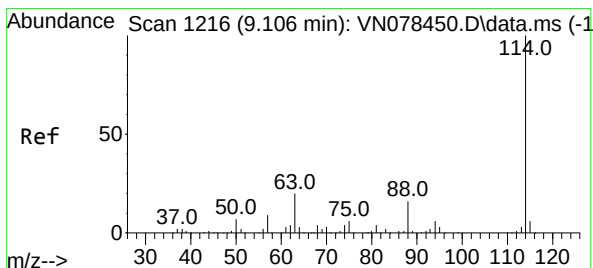
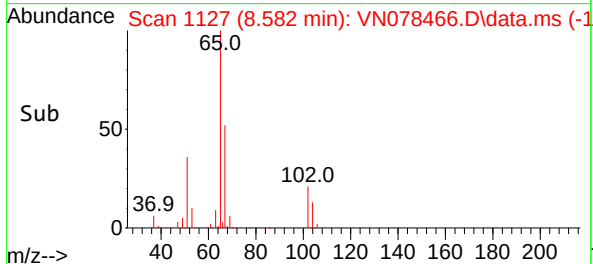
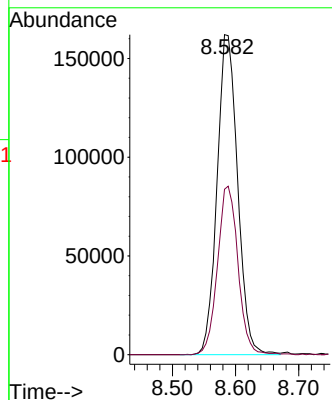
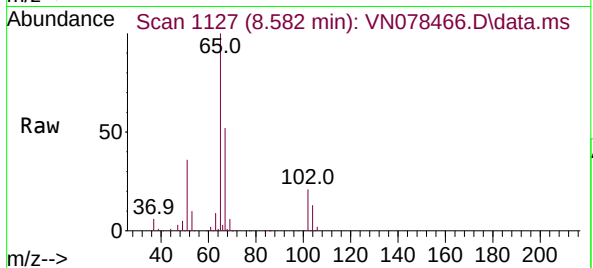
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 366706

Ion Ratio Lower Upper

65 100

67 52.5 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: VN078466.D

Acq: 11 Jul 2023 17:03

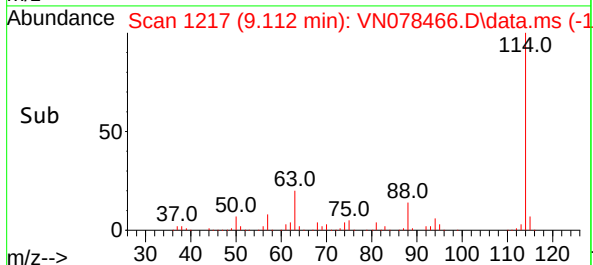
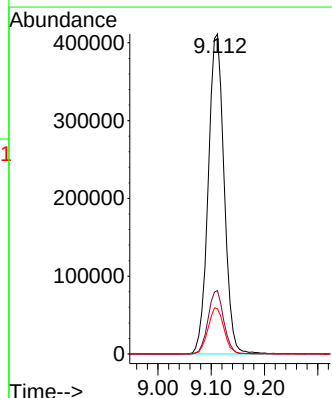
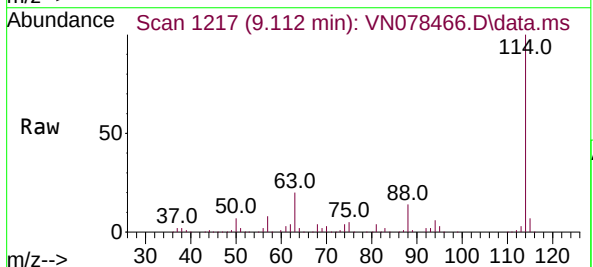
Tgt Ion: 114 Resp: 848929

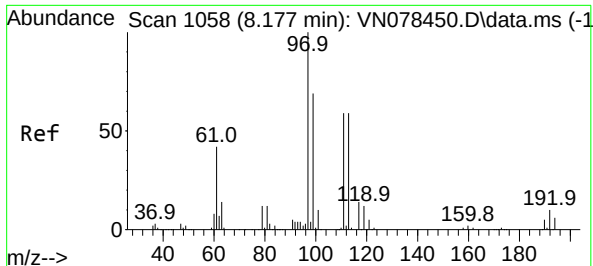
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.2 0.0 30.6

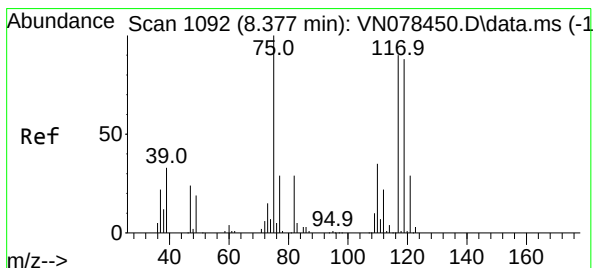
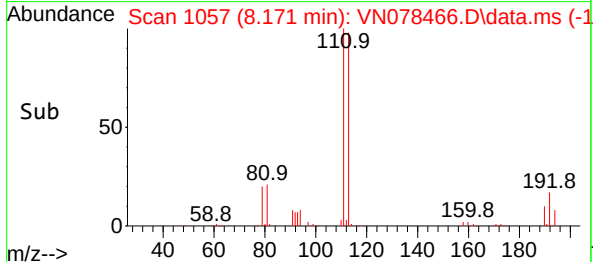
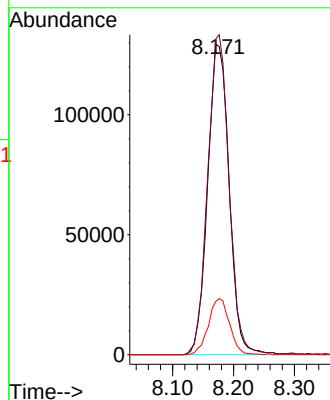
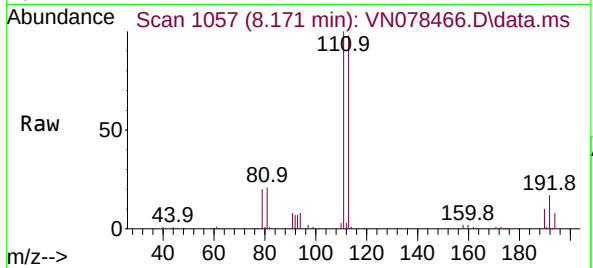




#35
Dibromofluoromethane
Concen: 55.026 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

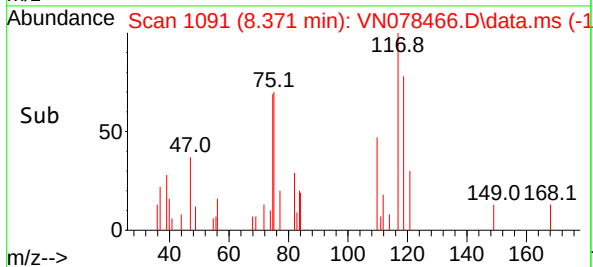
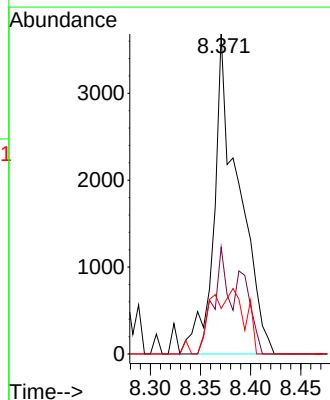
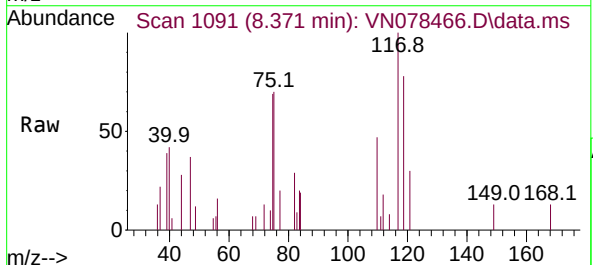
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

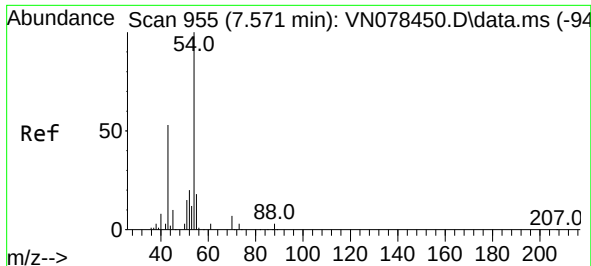
Tgt Ion:113 Resp: 317103
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.759 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 75 Resp: 6319
Ion Ratio Lower Upper
75 100
110 21.0 19.1 57.3
77 11.3 25.0 37.4#

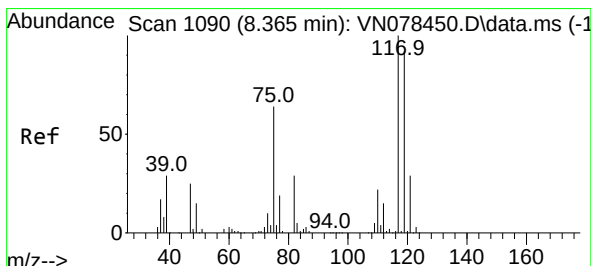
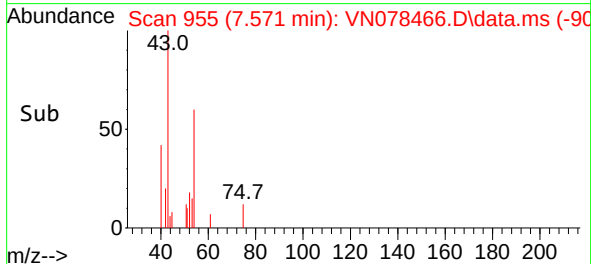
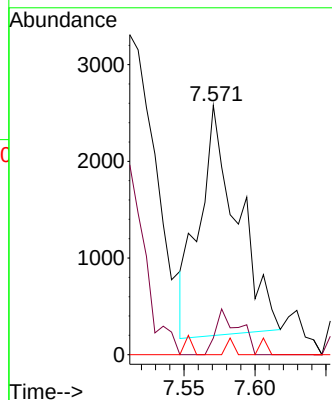
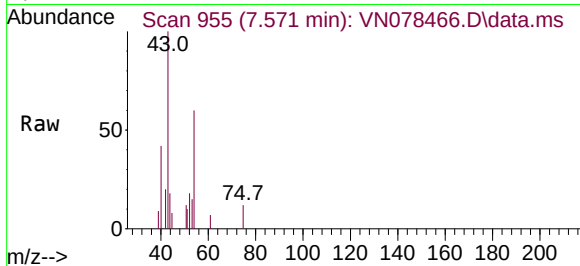




#37
Ethyl Acetate
Concen: 0.637 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

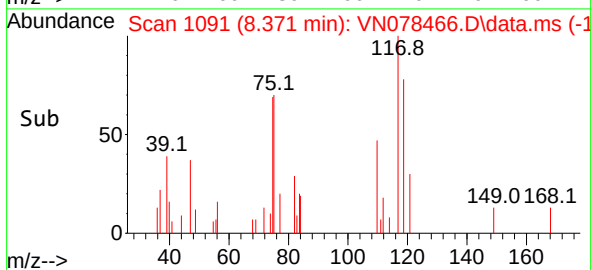
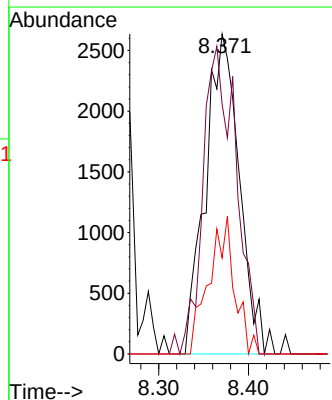
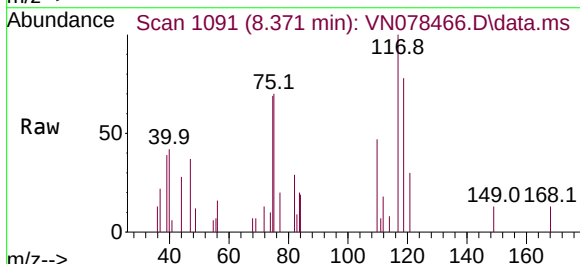
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

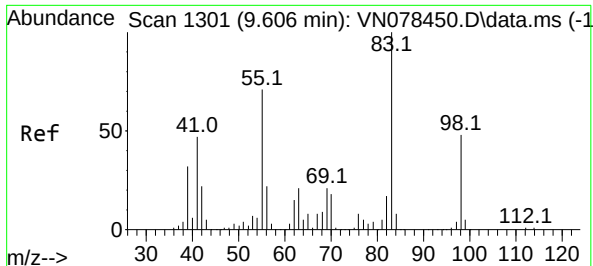
Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8#
70 1.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.767 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 117 Resp: 6939
Ion Ratio Lower Upper
117 100
119 78.1 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 0.707 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

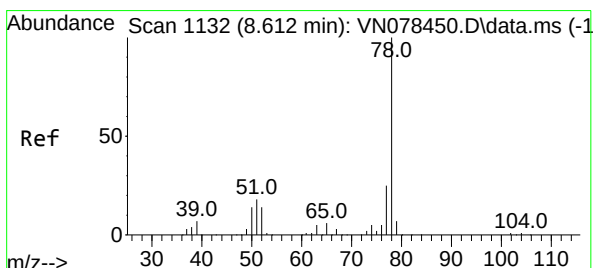
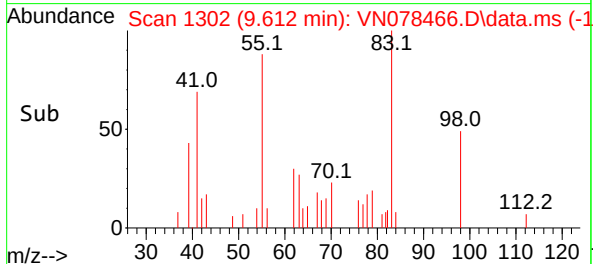
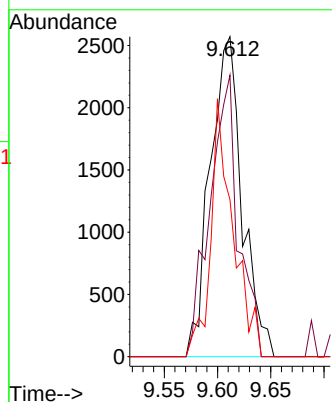
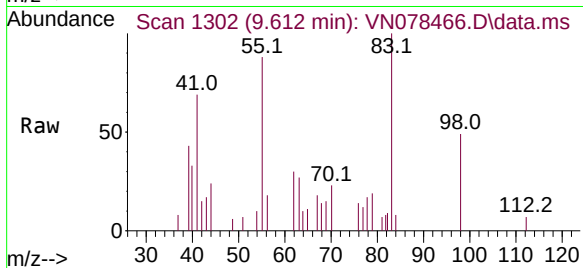
Tgt Ion: 83 Resp: 5368

Ion Ratio Lower Upper

83 100

55 87.9 49.1 73.7#

98 49.1 40.6 61.0



#40

Benzene

Concen: 0.717 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078466.D

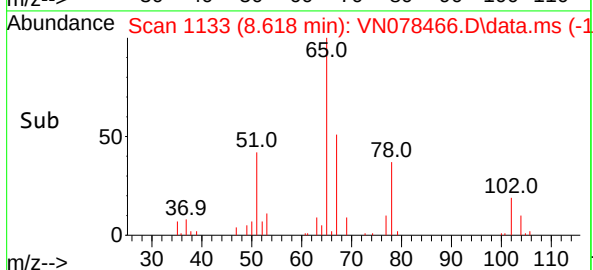
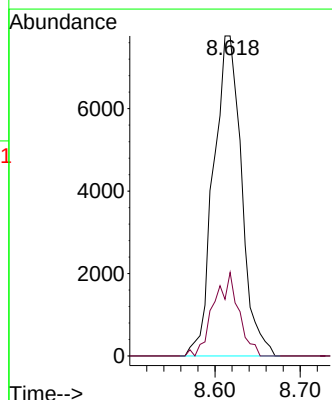
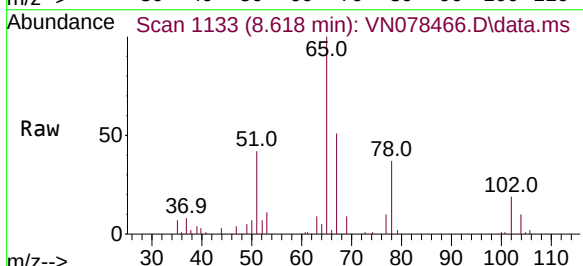
Acq: 11 Jul 2023 17:03

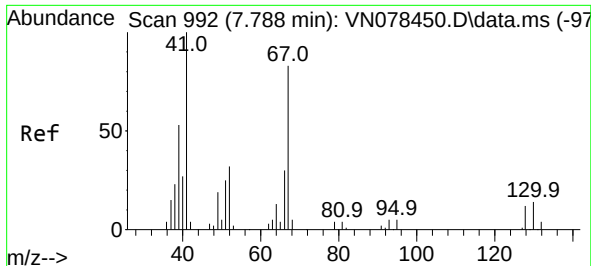
Tgt Ion: 78 Resp: 17682

Ion Ratio Lower Upper

78 100

77 26.1 19.0 28.6

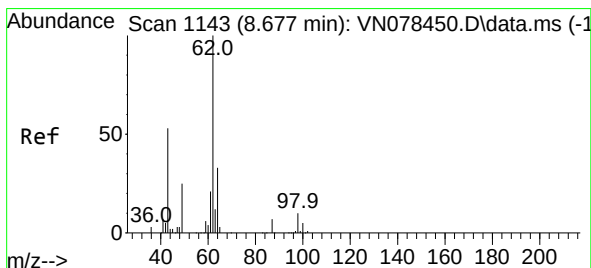
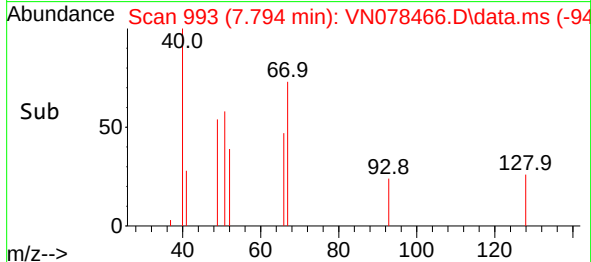
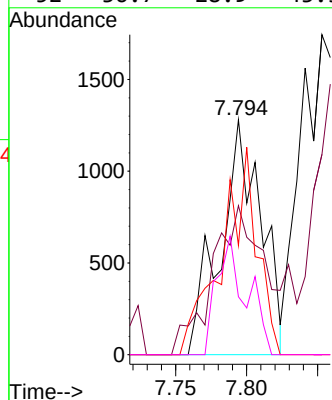
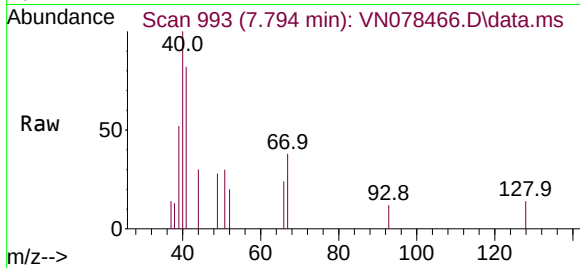




#41
Methacrylonitrile
Concen: 0.721 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

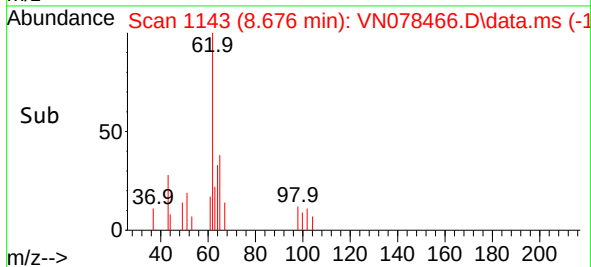
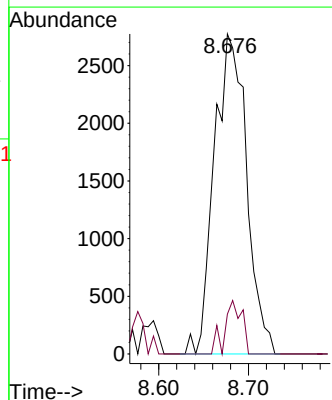
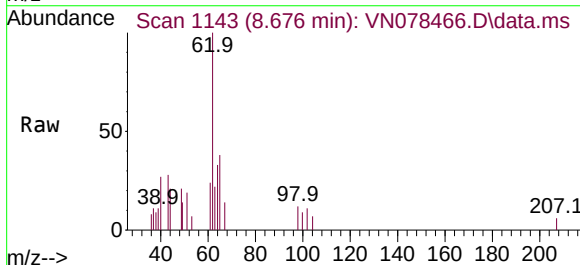
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

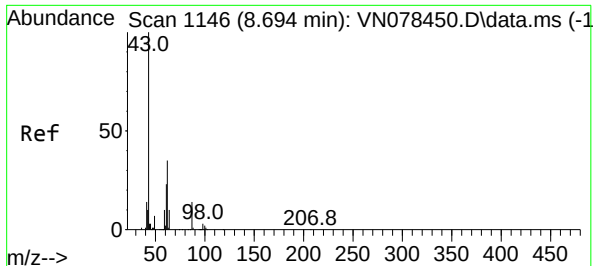
Tgt Ion: 41	Resp: 2550
Ion Ratio	Lower Upper
41 100	
39 80.9	42.6 64.0#
67 76.4	77.5 116.3#
52 36.7	28.9 43.3



#42
1,2-Dichloroethane
Concen: 0.826 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 62	Resp: 6922
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8

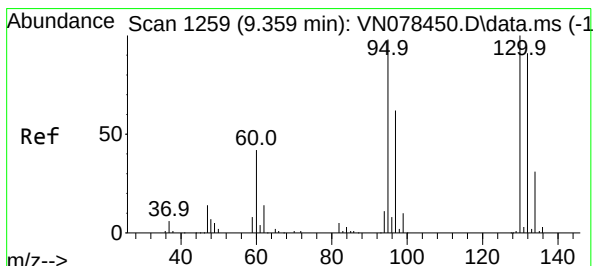
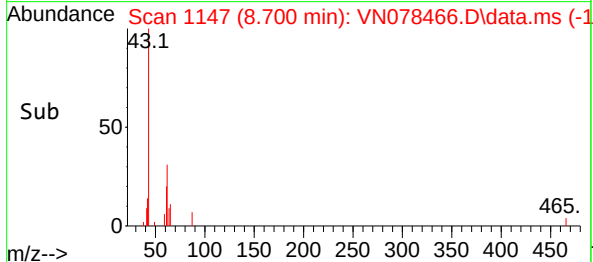
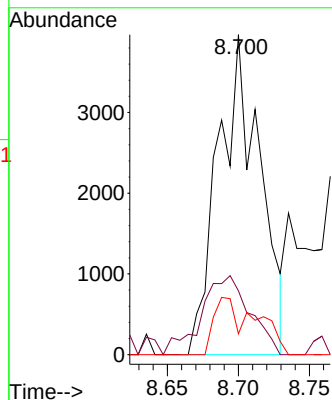
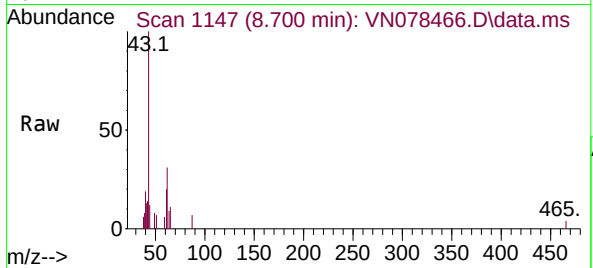




#43
Isopropyl Acetate
Concen: 0.704 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

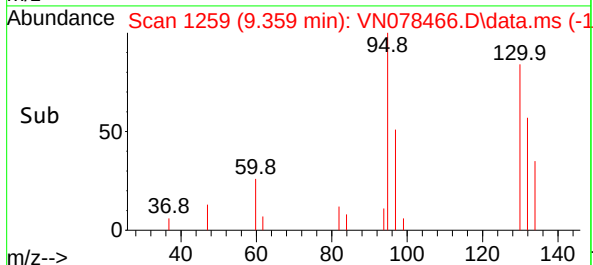
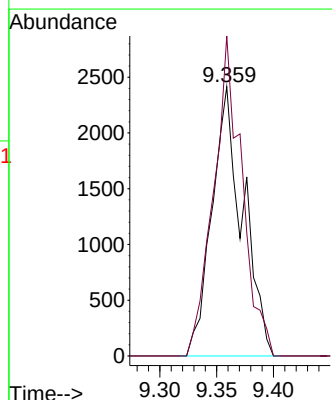
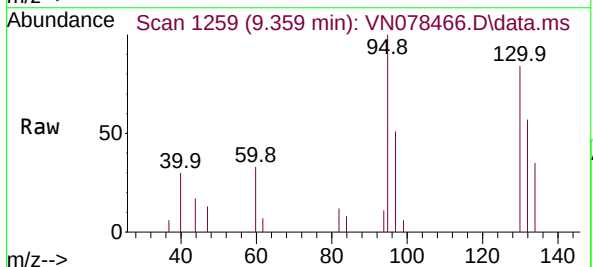
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

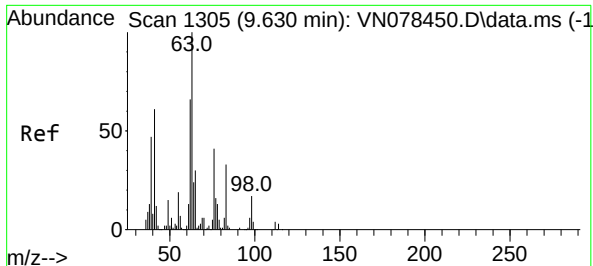
Tgt Ion: 43 Resp: 8038
Ion Ratio Lower Upper
43 100
61 29.0 24.7 37.1
87 9.3 14.6 21.8#



#44
Trichloroethene
Concen: 0.689 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:130 Resp: 4576
Ion Ratio Lower Upper
130 100
95 118.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.723 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

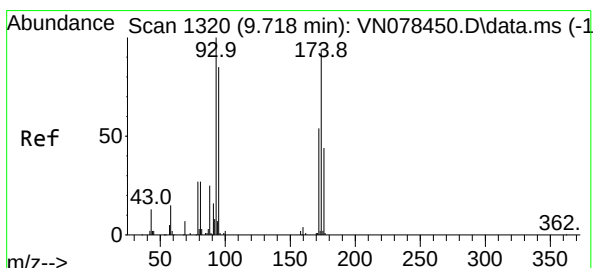
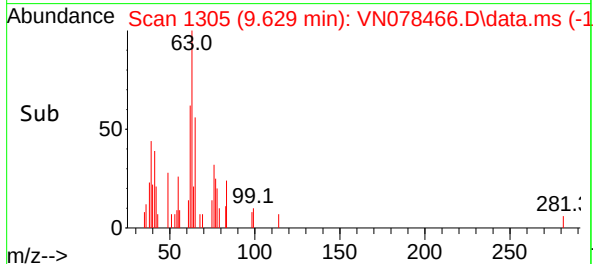
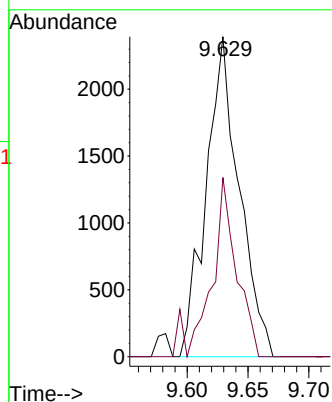
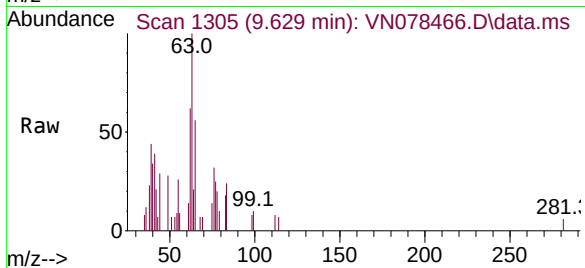
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

65 56.0 23.9 35.9#



#46

Dibromomethane

Concen: 0.801 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

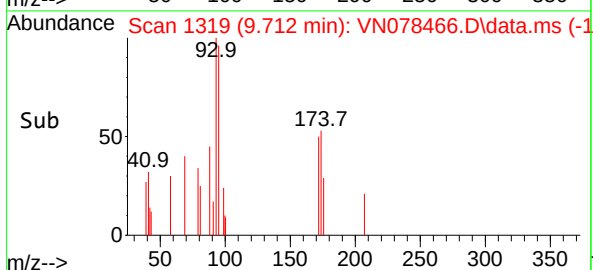
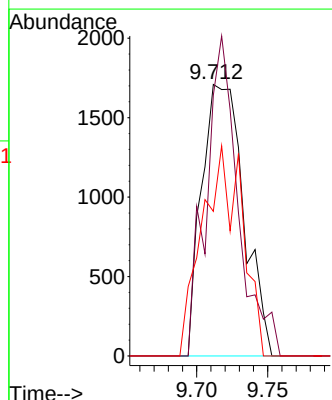
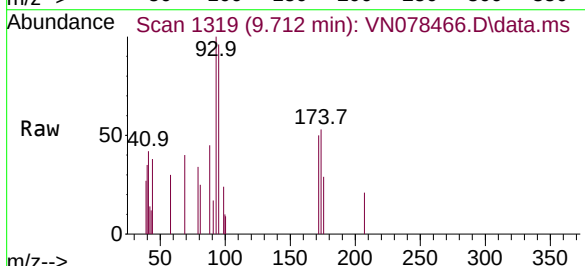
Tgt Ion: 93 Resp: 3519

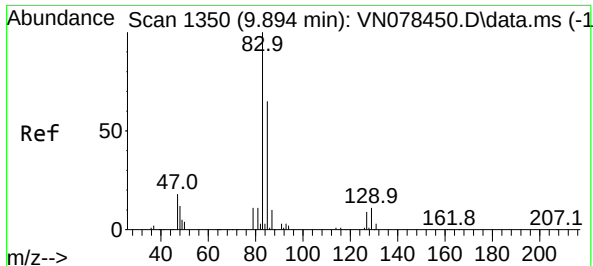
Ion Ratio Lower Upper

93 100

95 89.9 63.8 95.8

174 73.5 65.6 98.4

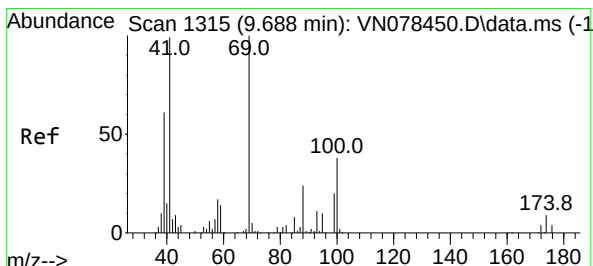
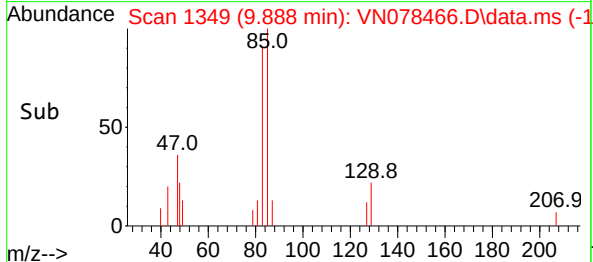
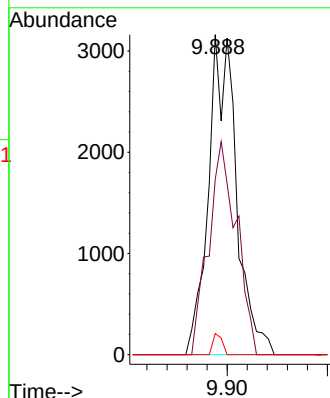
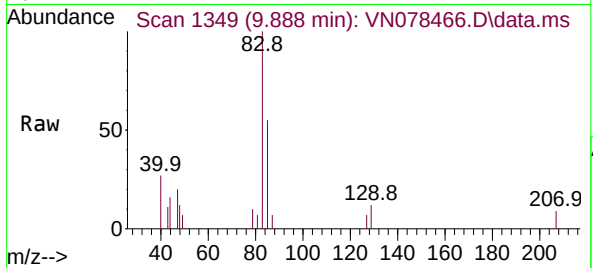




#47
Bromodichloromethane
Concen: 0.693 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

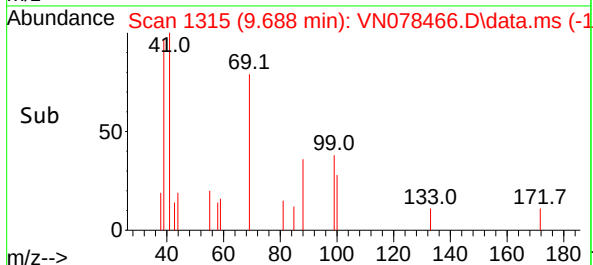
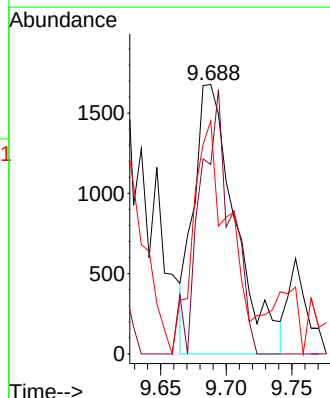
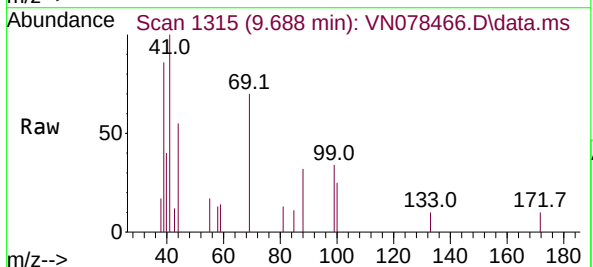
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

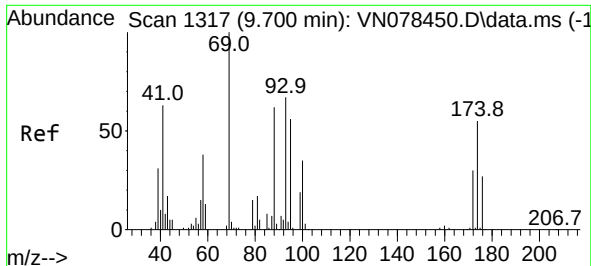
Tgt Ion: 83 Resp: 6107
Ion Ratio Lower Upper
83 100
85 54.8 49.6 74.4
127 6.6 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.699 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 41 Resp: 3698
Ion Ratio Lower Upper
41 100
69 74.4 90.4 135.6#
39 75.3 54.6 81.8

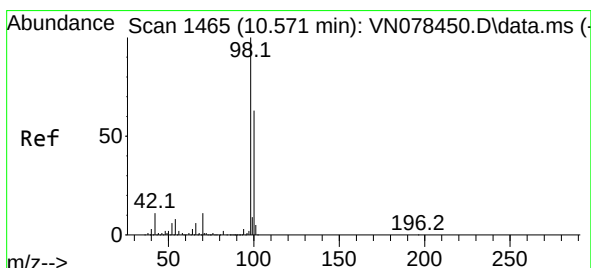
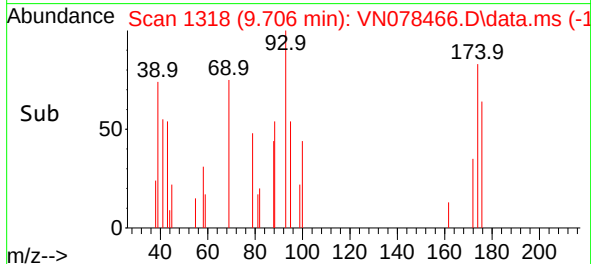
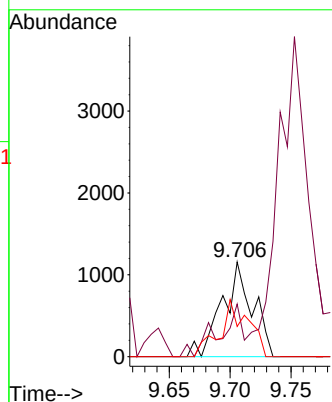
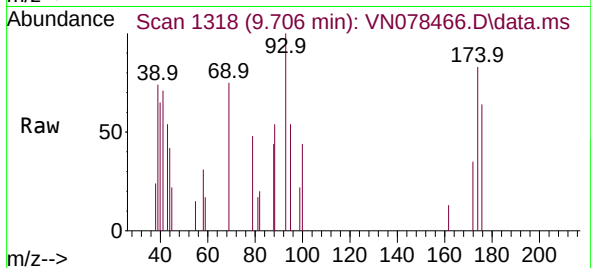




#49
1,4-Dioxane
Concen: 17.472 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

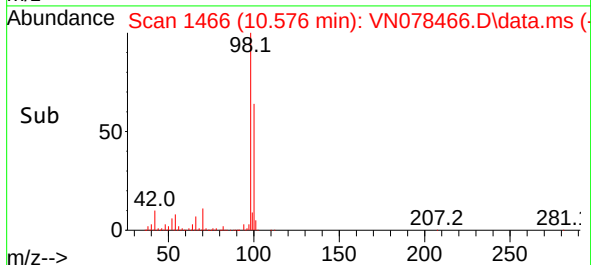
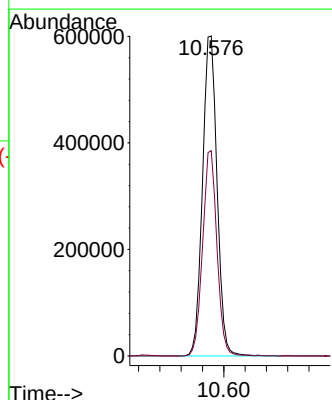
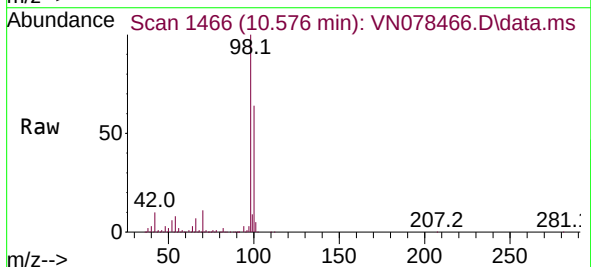
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

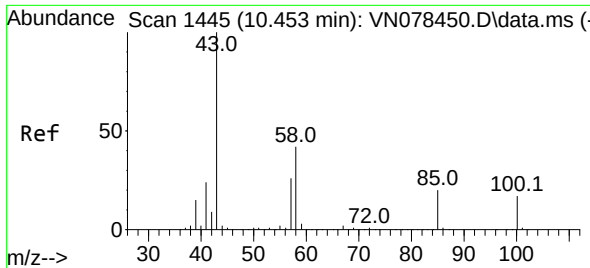
Tgt Ion: 88 Resp: 2016
Ion Ratio Lower Upper
88 100
43 24.9 17.0 25.6
58 55.5 47.0 70.4



#50
Toluene-d8
Concen: 52.276 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 98 Resp: 1138051
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

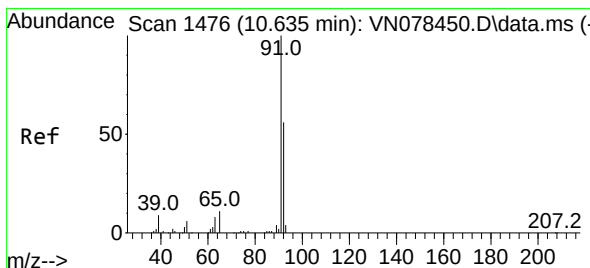
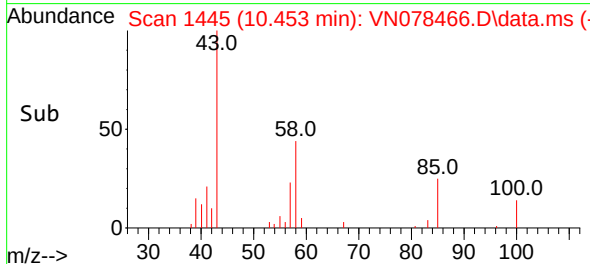
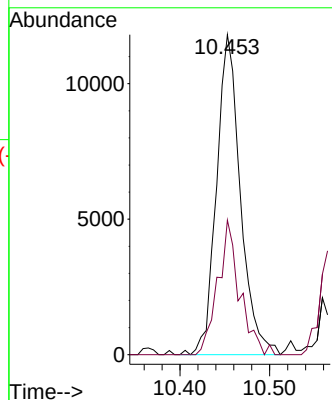
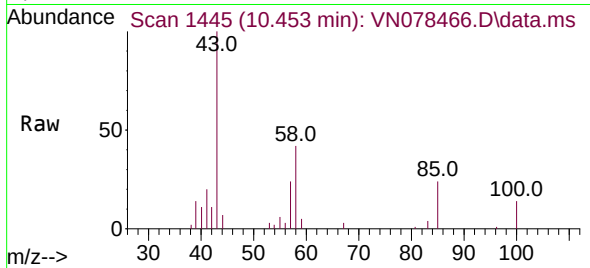




#51
4-Methyl-2-Pentanone
Concen: 3.211 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

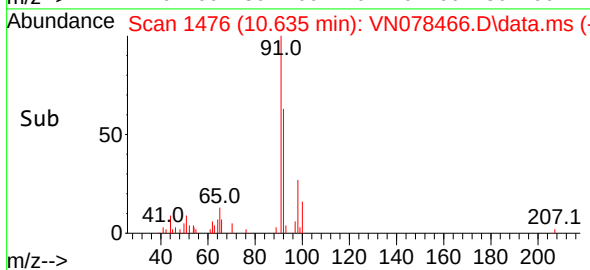
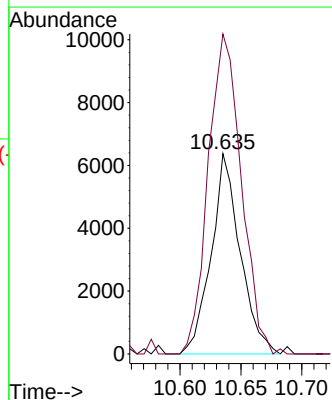
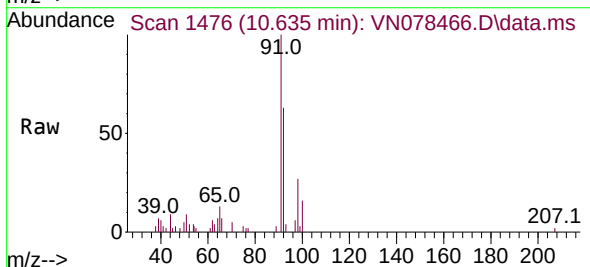
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

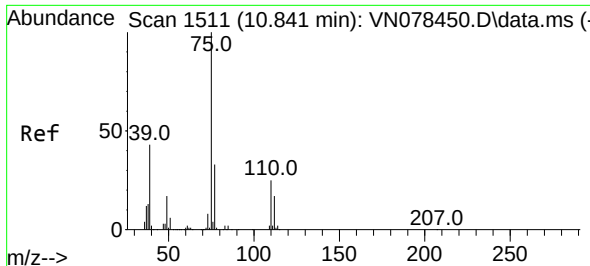
Tgt Ion: 43 Resp: 21815
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 0.690 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 92 Resp: 10547
Ion Ratio Lower Upper
92 100
91 182.4 137.4 206.0

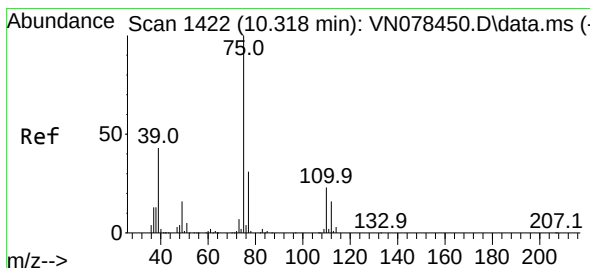
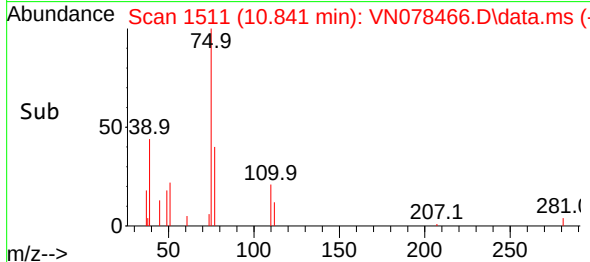
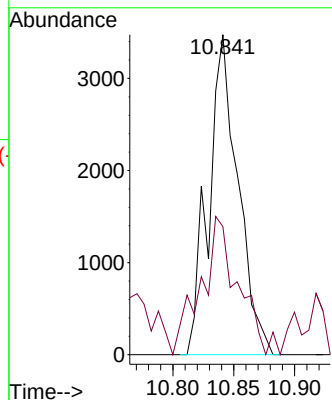
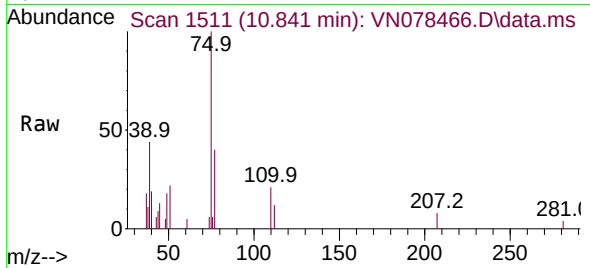




#53
t-1,3-Dichloropropene
Concen: 0.647 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

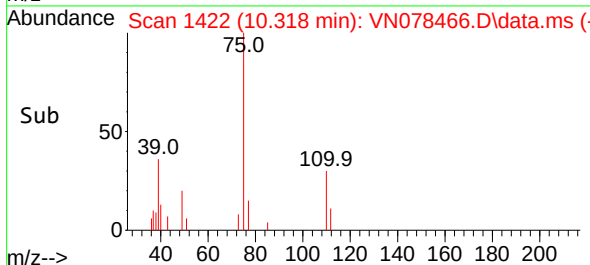
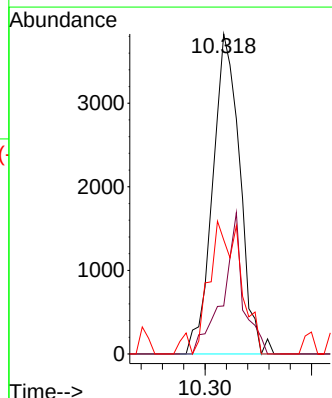
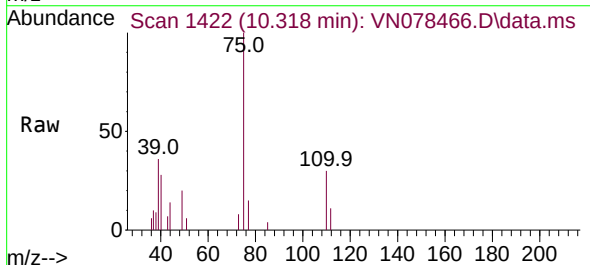
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

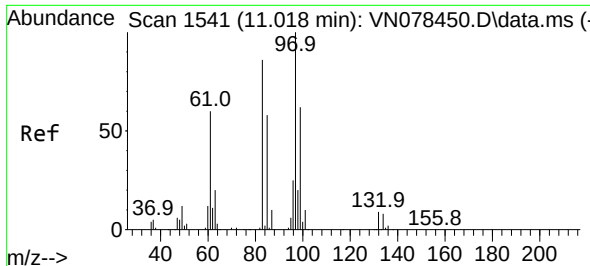
Tgt Ion: 75 Resp: 5836
Ion Ratio Lower Upper
75 100
77 40.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.704 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 75 Resp: 6769
Ion Ratio Lower Upper
75 100
77 15.0 26.1 39.1#
39 35.6 31.6 47.4

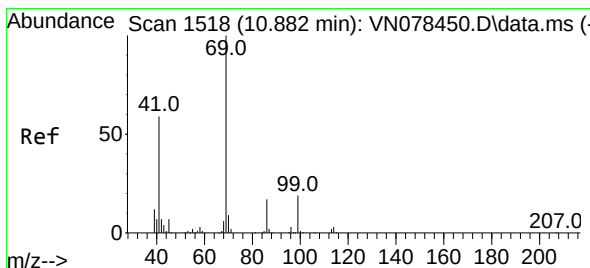
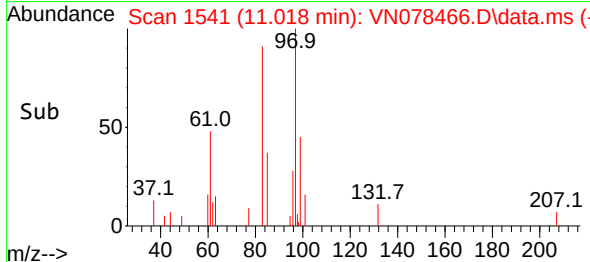
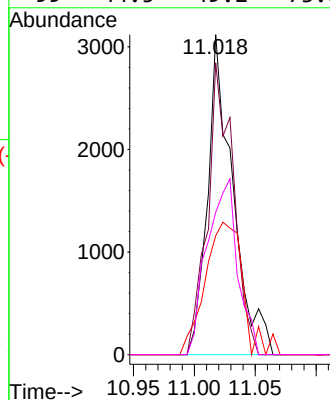
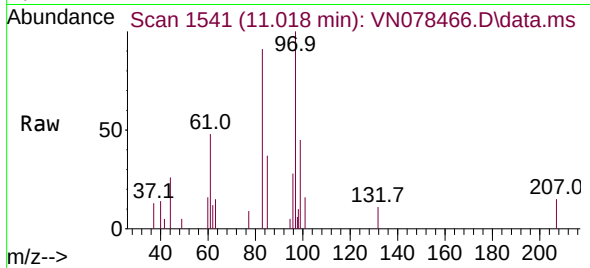




#55
1,1,2-Trichloroethane
Concen: 0.749 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

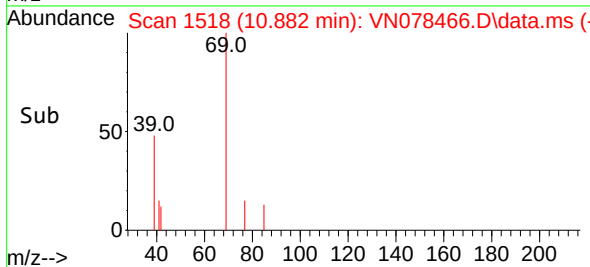
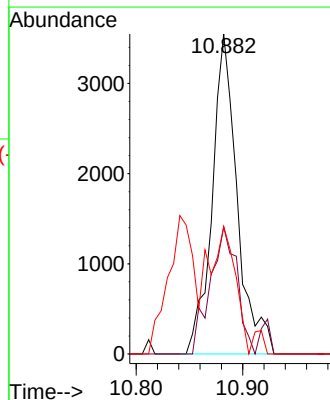
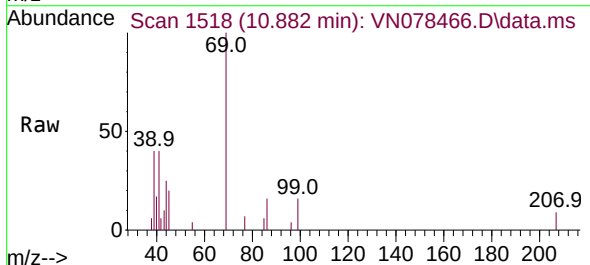
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

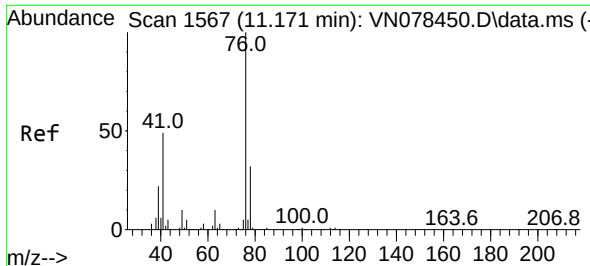
Tgt Ion: 97	Resp: 4510
Ion Ratio	Lower Upper
97 100	
83 91.2	65.1 97.7
85 37.2	43.4 65.2#
99 44.5	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.692 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 69	Resp: 5826
Ion Ratio	Lower Upper
69 100	
41 42.3	39.6 59.4
39 42.0	28.6 43.0





#57

1,3-Dichloropropane

Concen: 0.645 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

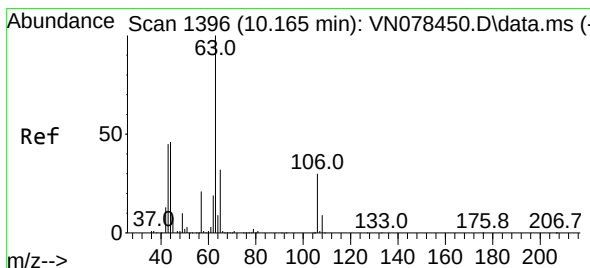
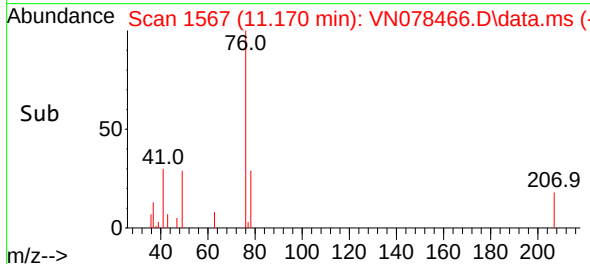
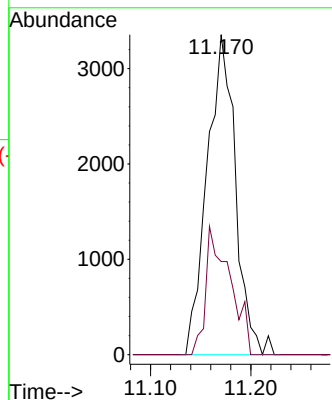
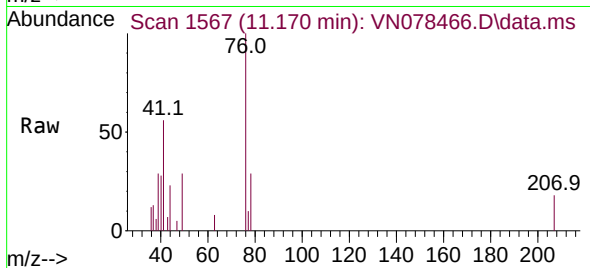
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 6600

Ion Ratio Lower Upper

76 100

78 34.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 2.434 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078466.D

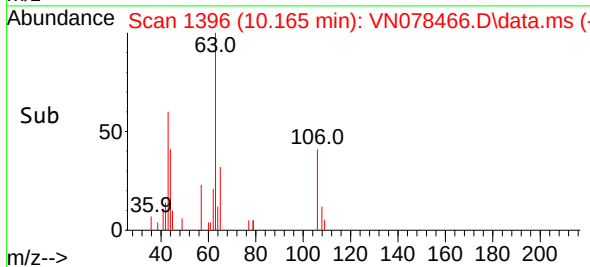
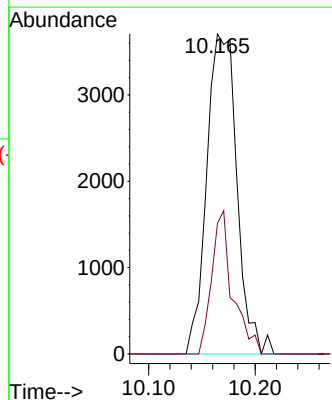
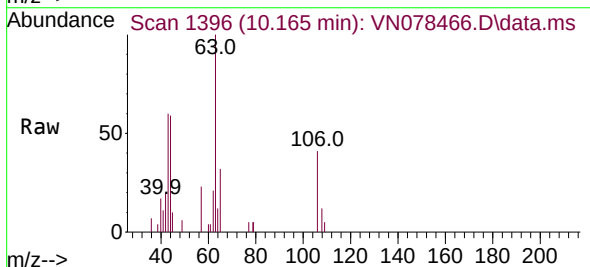
Acq: 11 Jul 2023 17:03

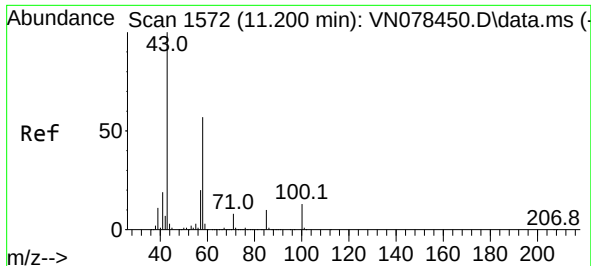
Tgt Ion: 63 Resp: 7300

Ion Ratio Lower Upper

63 100

106 31.0 26.2 39.4

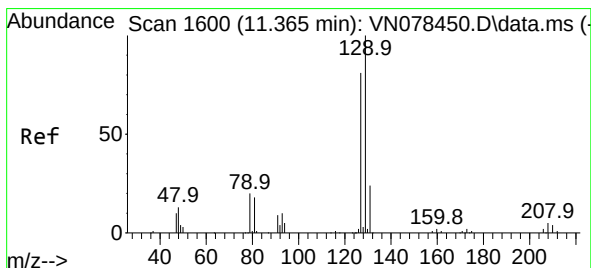
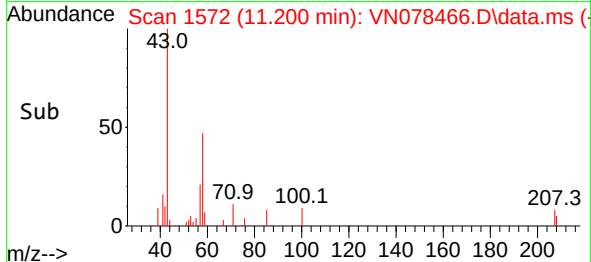
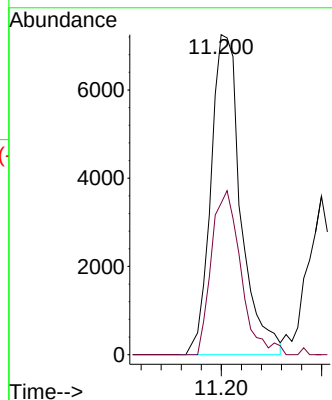
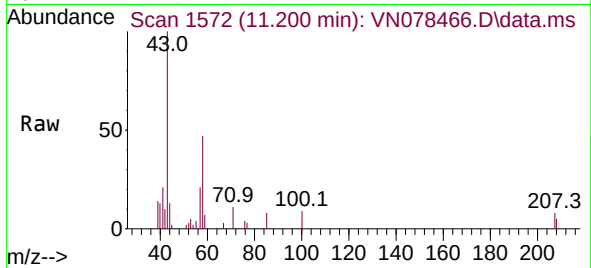




#59
2-Hexanone
Concen: 3.115 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

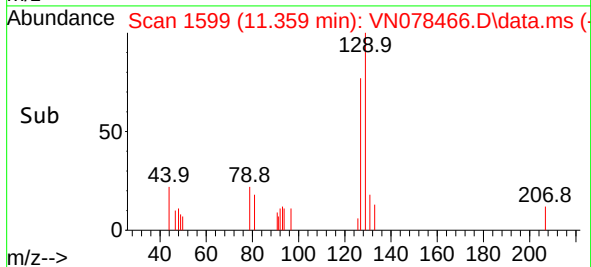
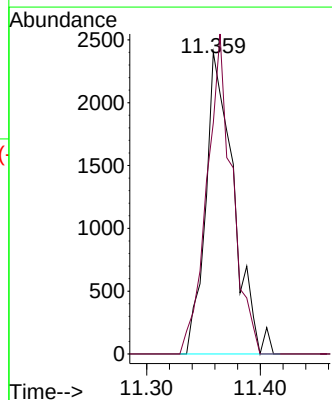
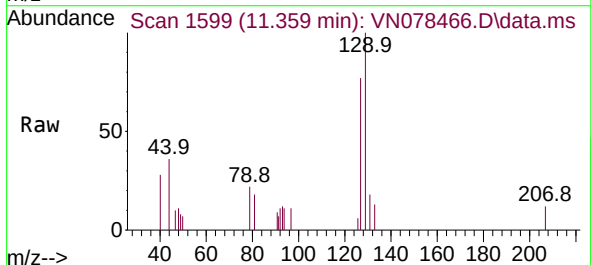
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

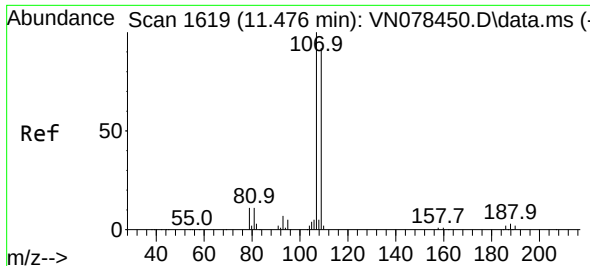
Tgt Ion: 43 Resp: 15036
Ion Ratio Lower Upper
43 100
58 50.2 31.7 95.1



#60
Dibromochloromethane
Concen: 0.618 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 129 Resp: 4109
Ion Ratio Lower Upper
129 100
127 96.0 38.6 116.0

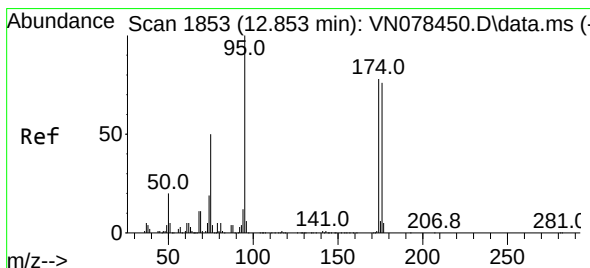
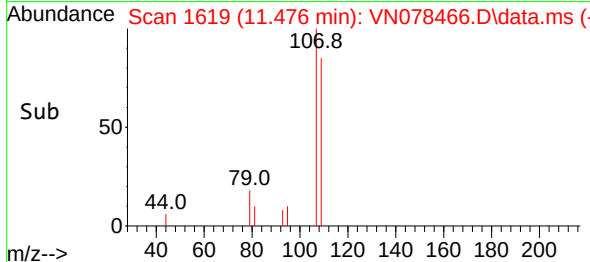
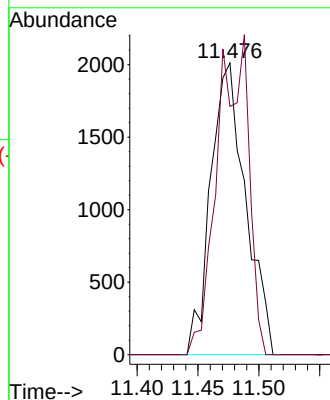
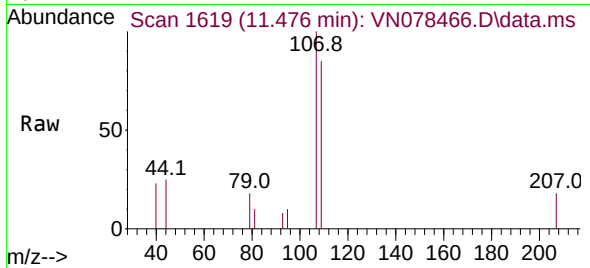




#61
1,2-Dibromoethane
Concen: 0.647 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

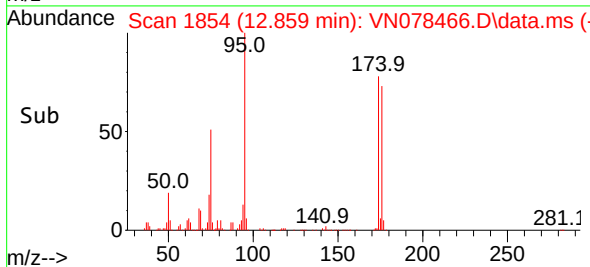
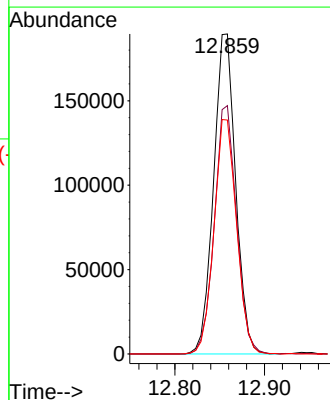
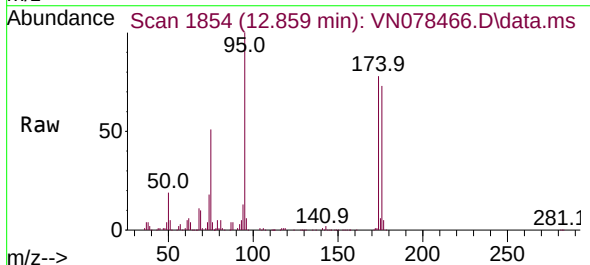
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

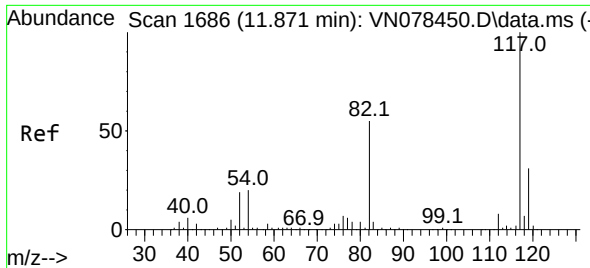
Tgt Ion:107 Resp: 4009
Ion Ratio Lower Upper
107 100
109 98.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.310 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 95 Resp: 323951
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 74.9 0.0 135.8

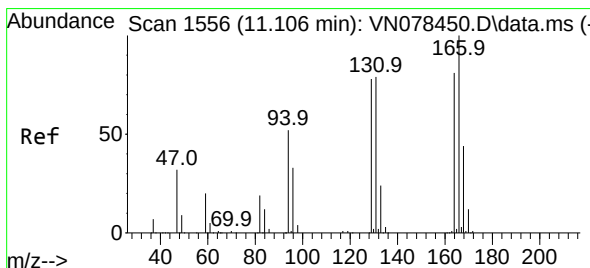
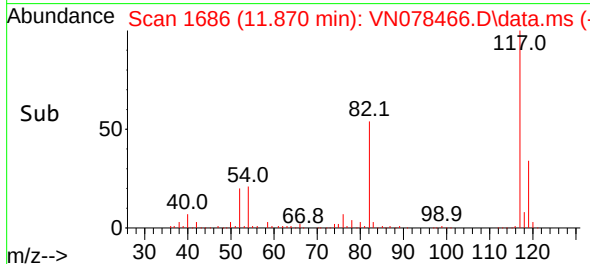
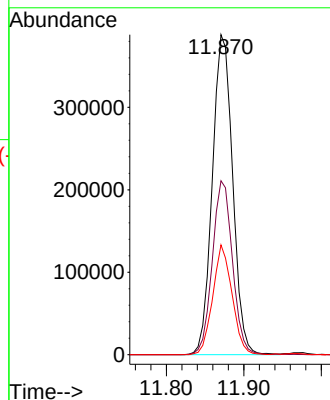
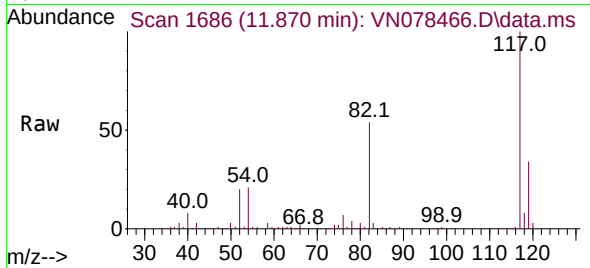




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

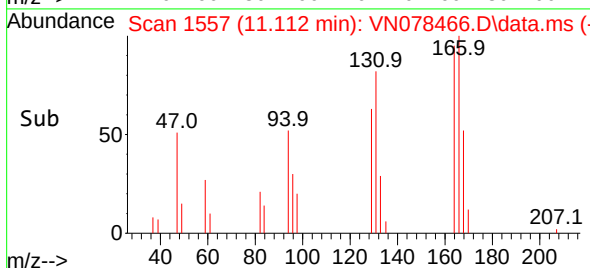
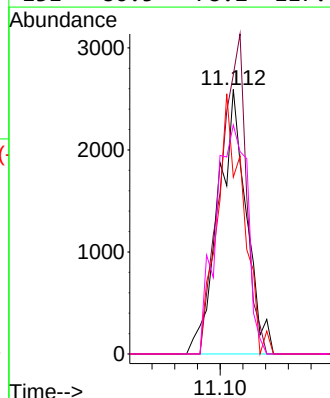
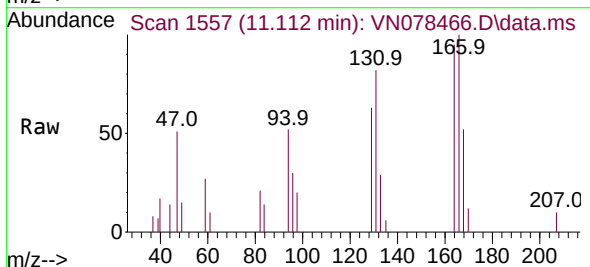
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

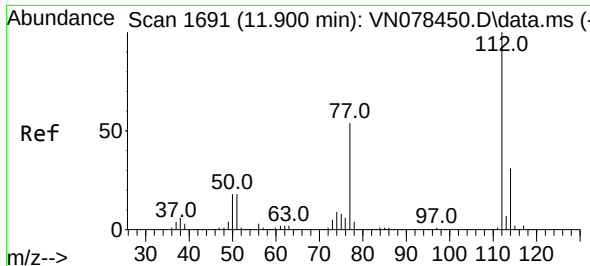
Tgt Ion:117 Resp: 708669
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 34.3 25.6 38.4



#64
Tetrachloroethene
Concen: 0.839 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:164 Resp: 4472
Ion Ratio Lower Upper
164 100
166 105.5 101.4 152.0
129 66.9 82.4 123.6#
131 86.5 78.2 117.4

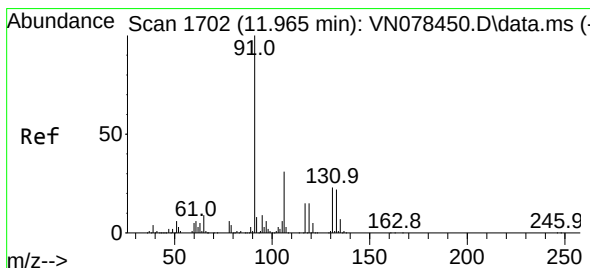
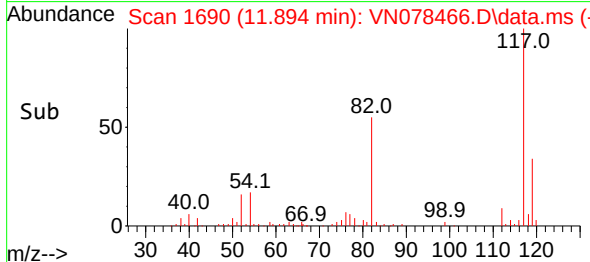
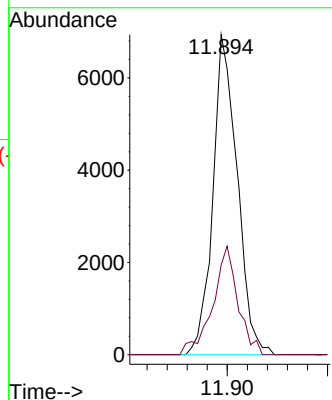
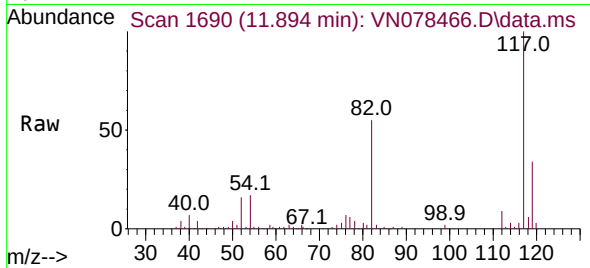




#65
Chlorobenzene
Concen: 0.738 ug/l
RT: 11.894 min Scan# 11687
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

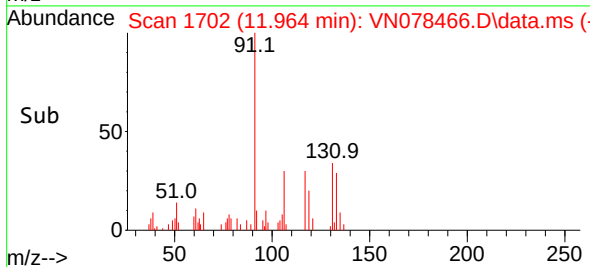
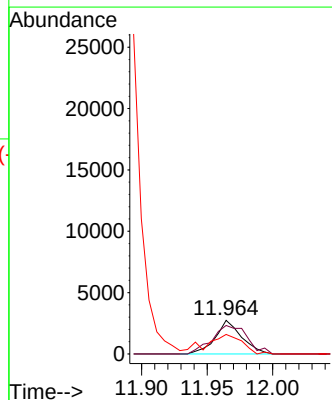
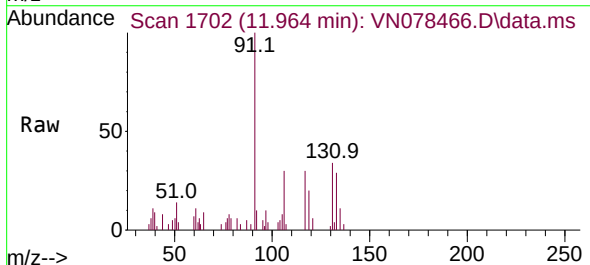
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

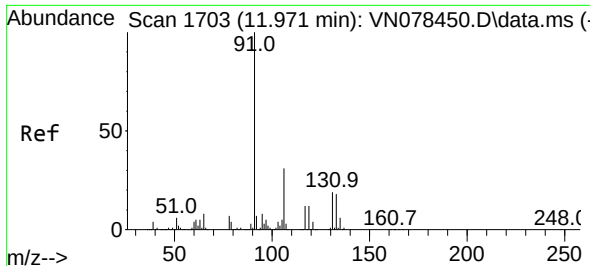
Tgt Ion:112 Resp: 11687
Ion Ratio Lower Upper
112 100
114 28.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.626 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:131 Resp: 3812
Ion Ratio Lower Upper
131 100
133 113.9 46.4 139.1
119 0.0 34.1 102.2#

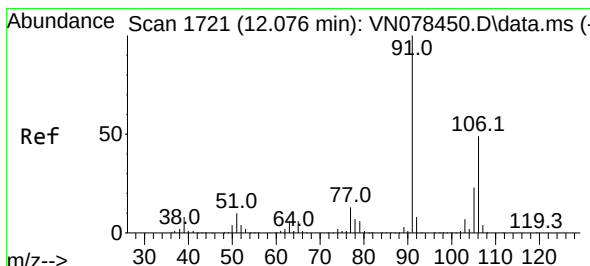
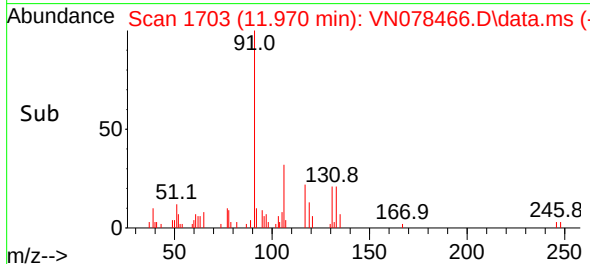
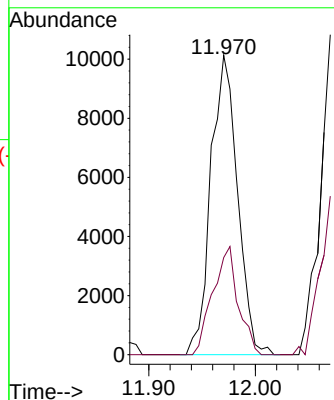
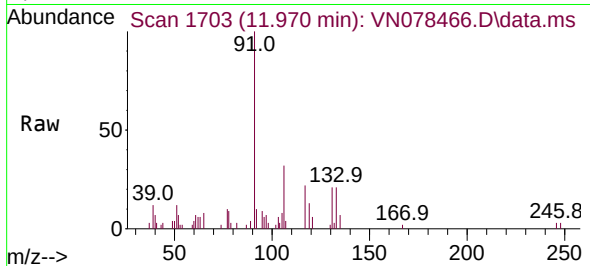




#67
Ethyl Benzene
Concen: 0.659 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

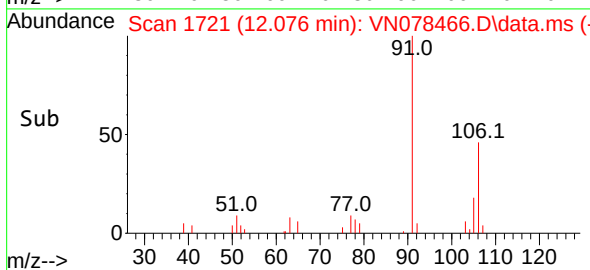
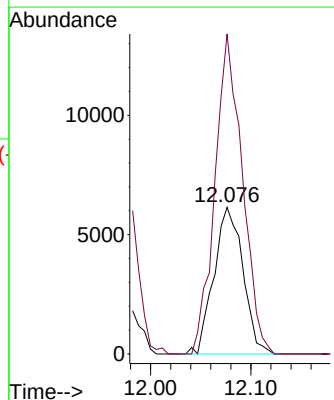
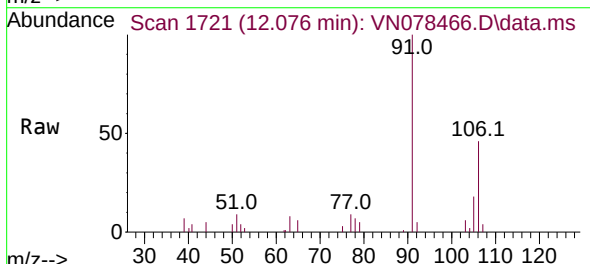
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

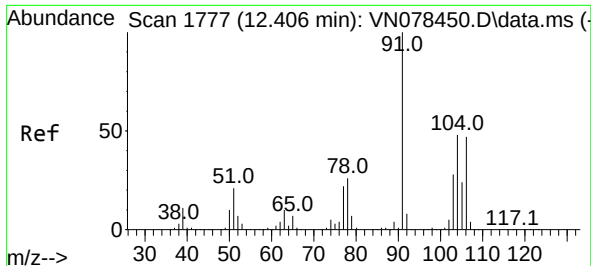
Tgt Ion: 91 Resp: 17632
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 1.248 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:106 Resp: 12350
Ion Ratio Lower Upper
106 100
91 206.8 159.6 239.4

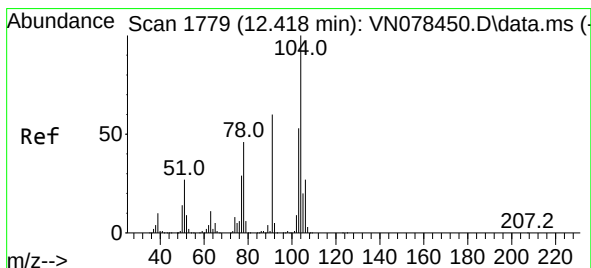
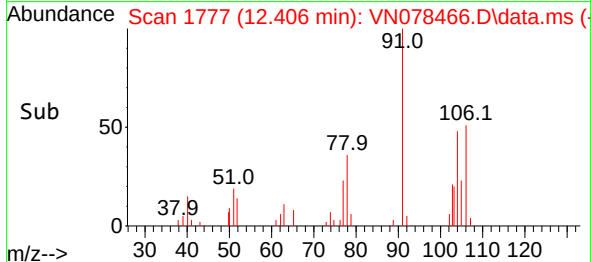
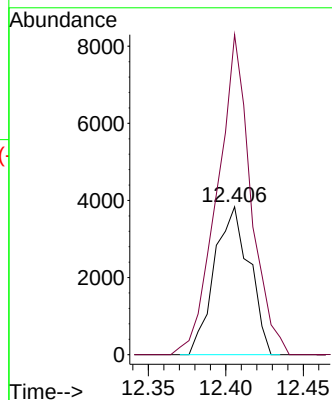
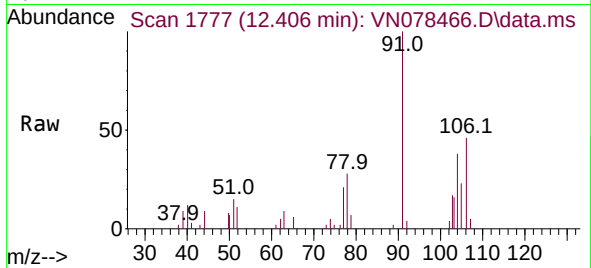




#69
o-Xylene
Concen: 0.604 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

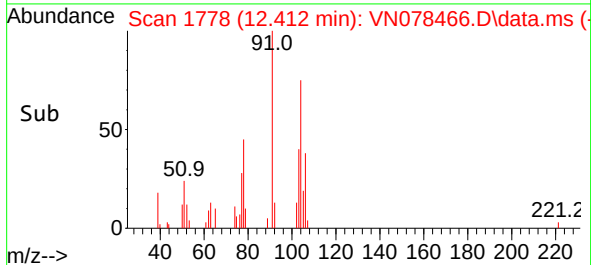
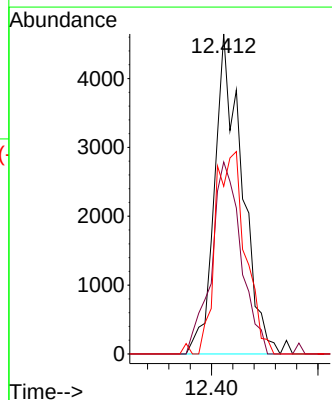
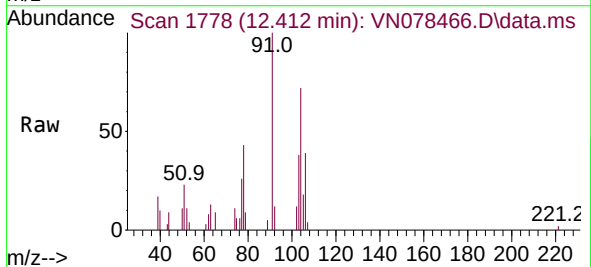
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

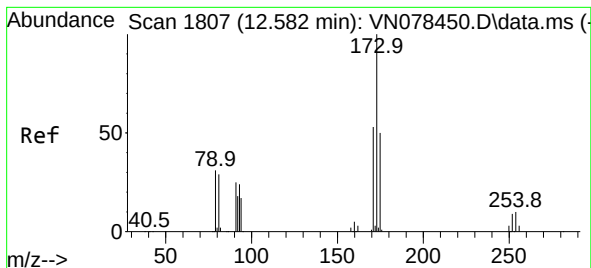
Tgt Ion:106 Resp: 6037
Ion Ratio Lower Upper
106 100
91 207.4 105.2 315.5



#70
Styrene
Concen: 0.531 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:104 Resp: 8299
Ion Ratio Lower Upper
104 100
78 65.2 39.5 59.3#
103 69.7 43.2 64.8#





#71

Bromoform

Concen: 0.742 ug/l

RT: 12.594 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN078466.D

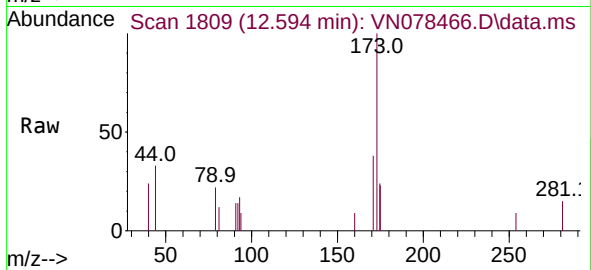
Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



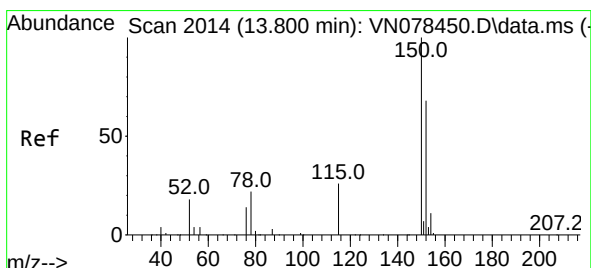
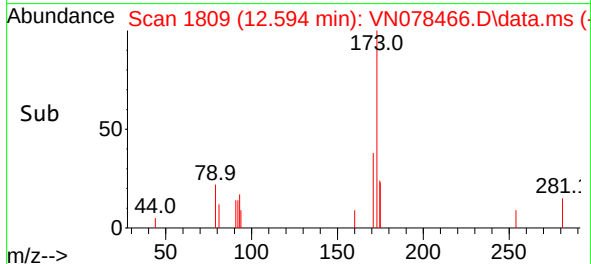
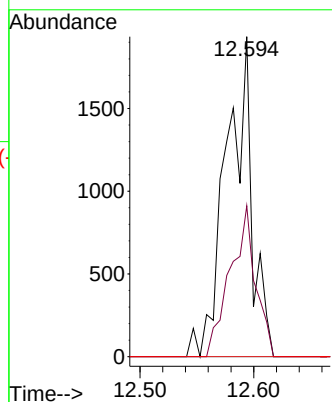
Tgt Ion:173 Resp: 3062

Ion Ratio Lower Upper

173 100

175 46.0 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: VN078466.D

Acq: 11 Jul 2023 17:03

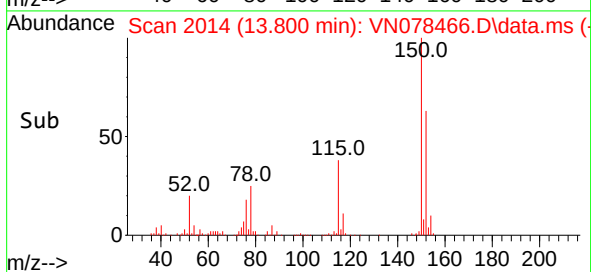
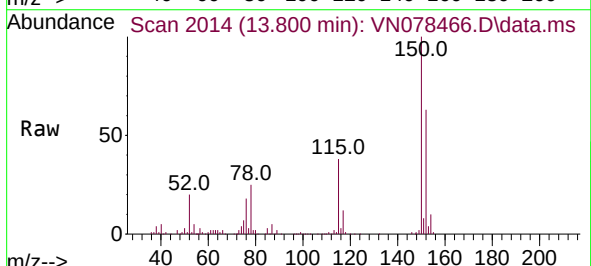
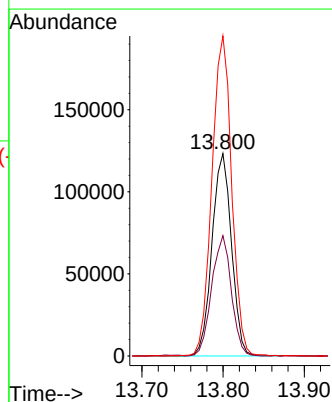
Tgt Ion:152 Resp: 205620

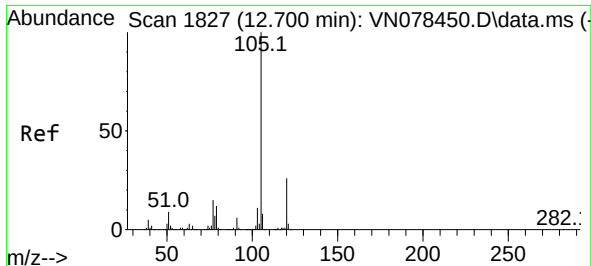
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 160.3 0.0 355.8

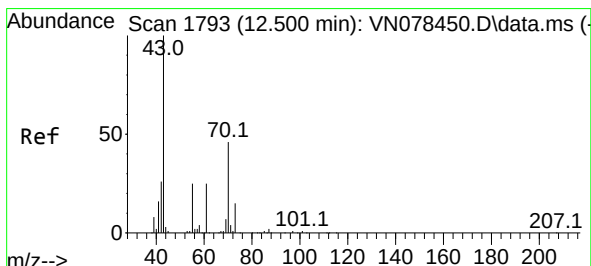
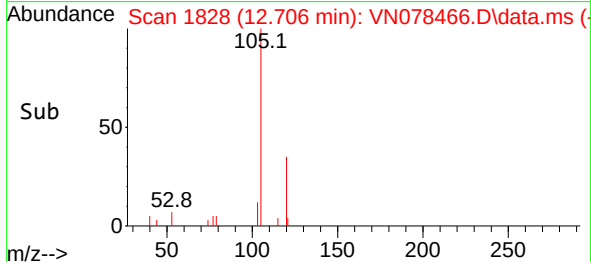
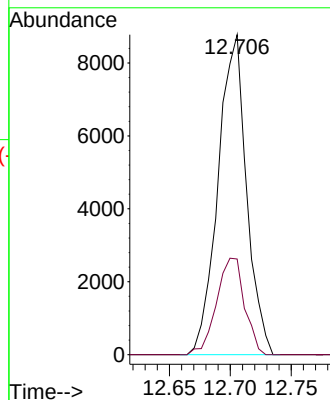
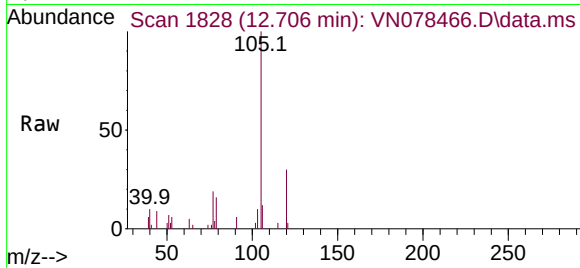




#73
Isopropylbenzene
Concen: 0.739 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

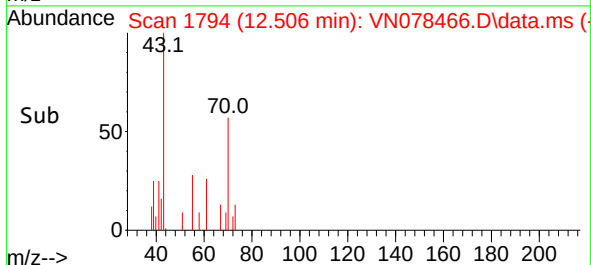
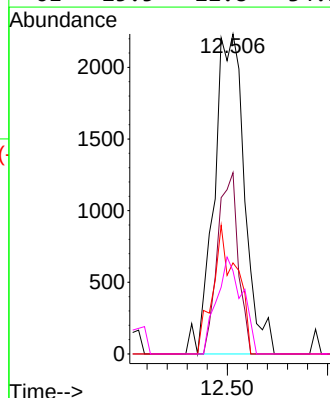
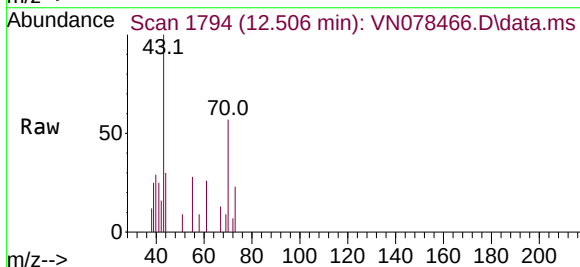
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

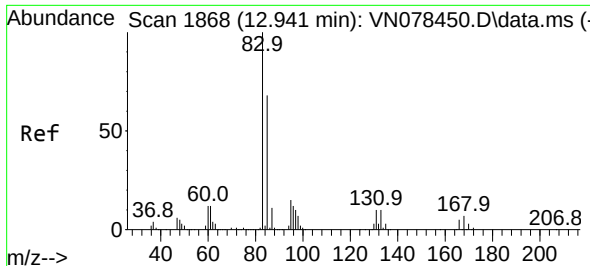
Tgt Ion:105 Resp: 14278
Ion Ratio Lower Upper
105 100
120 29.7 13.1 39.1



#74
N-ethyl acetate
Concen: 0.705 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 43 Resp: 4691
Ion Ratio Lower Upper
43 100
70 38.4 43.4 65.2#
55 31.5 21.4 32.0
61 25.5 22.8 34.2

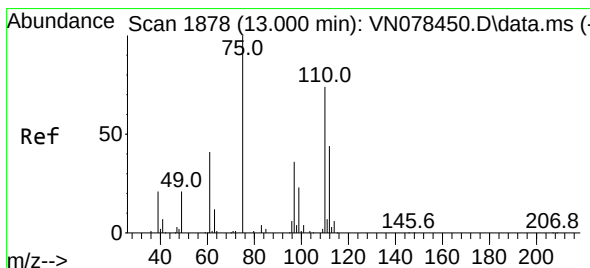
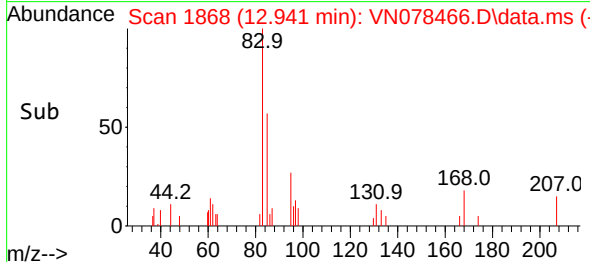
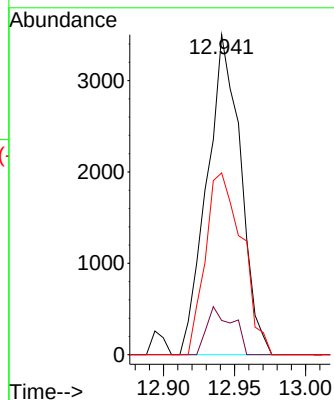
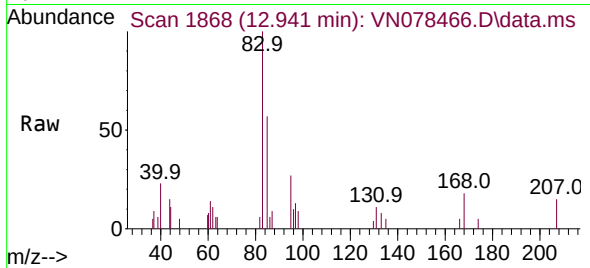




#75
1,1,2,2-Tetrachloroethane
Concen: 0.885 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

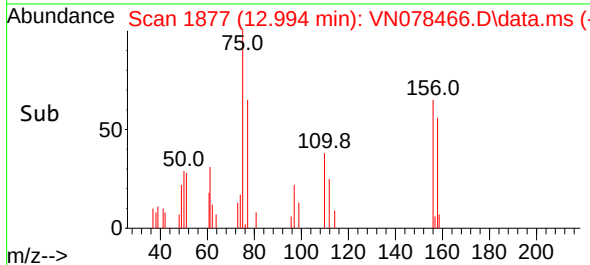
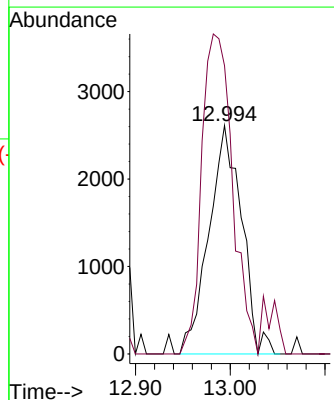
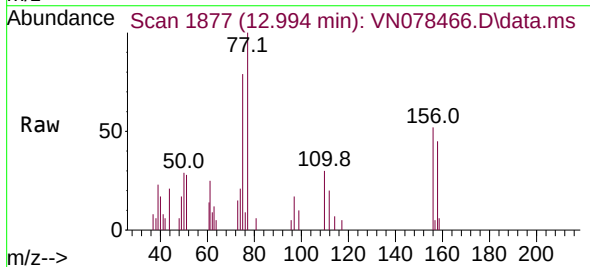
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

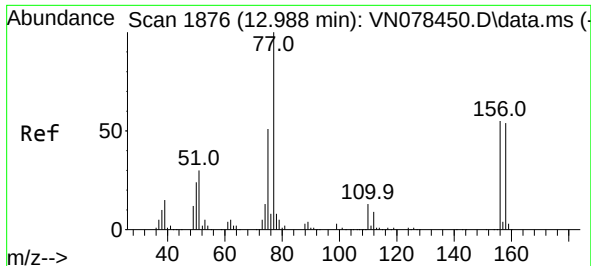
Tgt Ion: 83 Resp: 5775
Ion Ratio Lower Upper
83 100
131 11.5 5.0 15.0
85 62.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.260 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 75 Resp: 6262
Ion Ratio Lower Upper
75 100
77 131.3 84.5 253.5

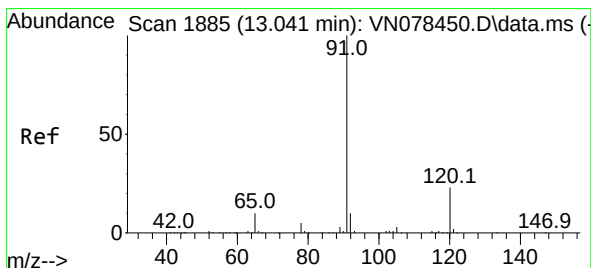
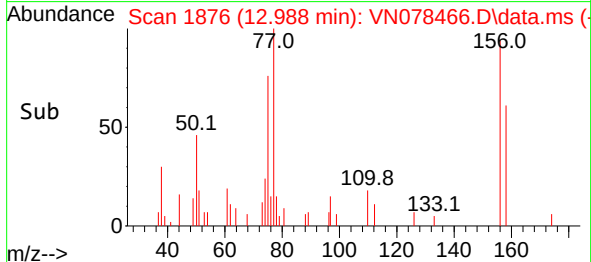
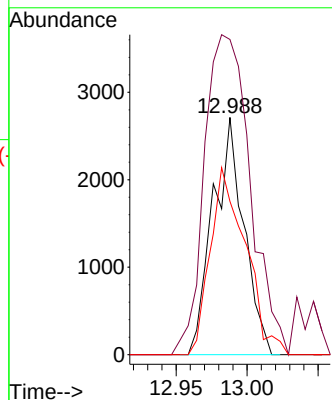
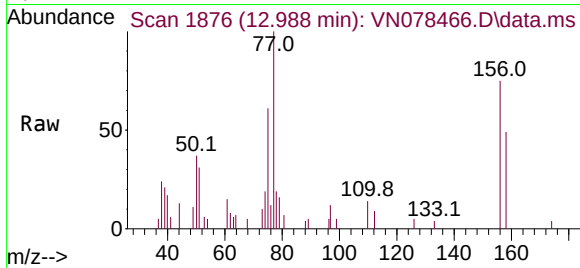




#77
Bromobenzene
Concen: 0.863 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

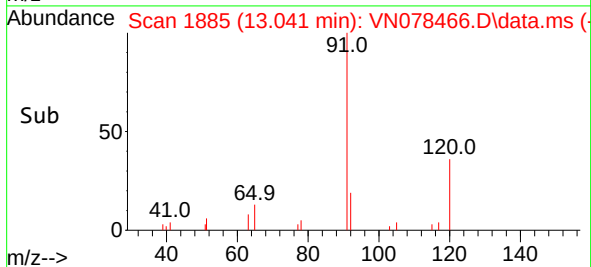
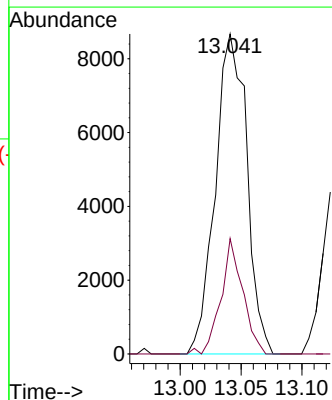
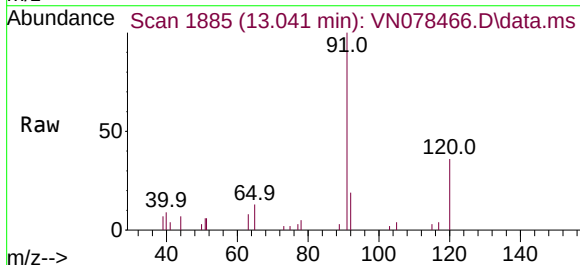
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

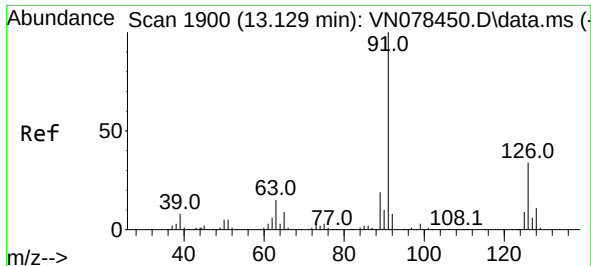
Tgt Ion:156 Resp: 4095
Ion Ratio Lower Upper
156 100
77 200.8 107.7 323.3
158 90.4 48.4 145.3



#78
n-propylbenzene
Concen: 0.754 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 91 Resp: 15576
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4

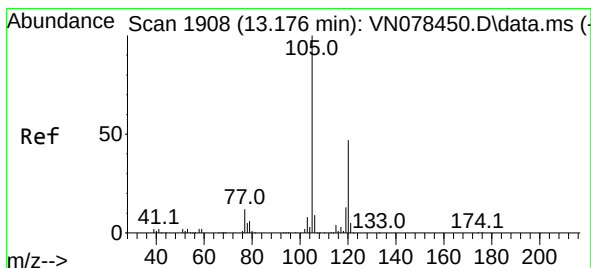
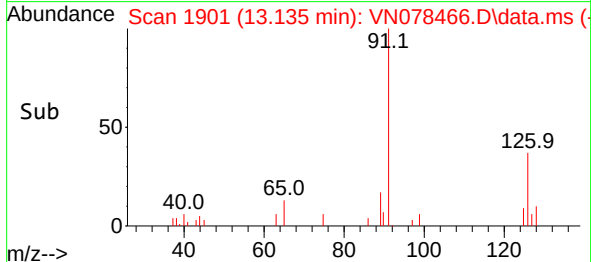
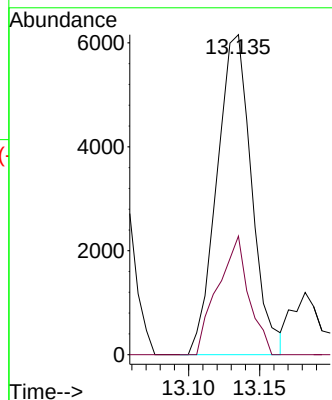
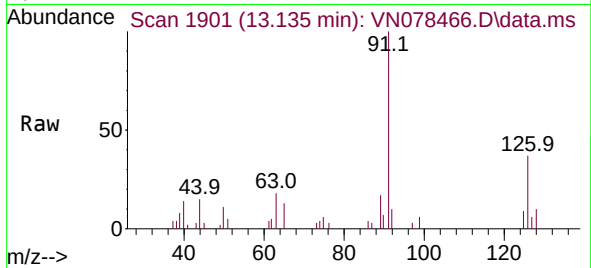




#79
2-Chlorotoluene
Concen: 0.775 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

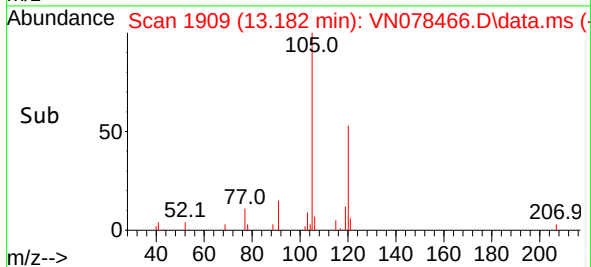
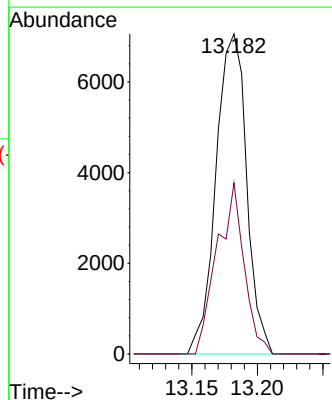
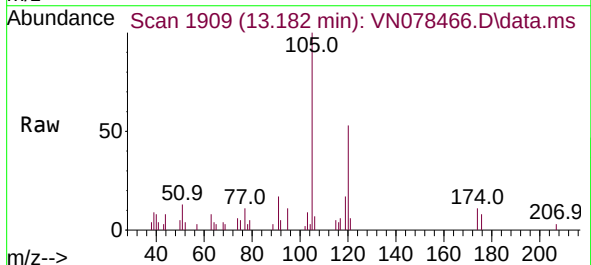
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

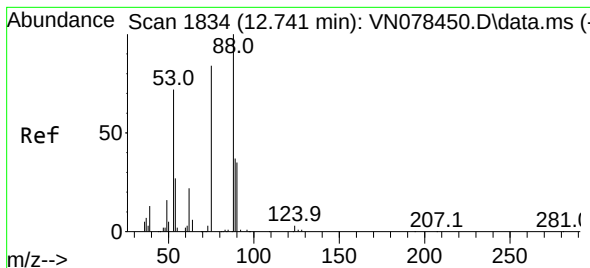
Tgt Ion: 91 Resp: 10484
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.751 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

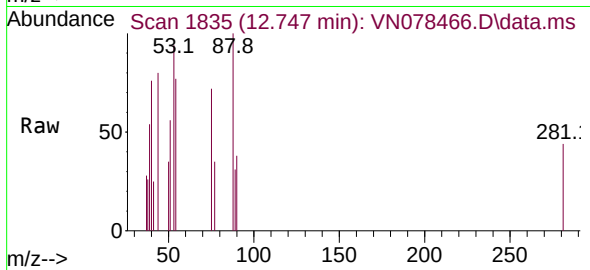
Tgt Ion: 105 Resp: 11460
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3



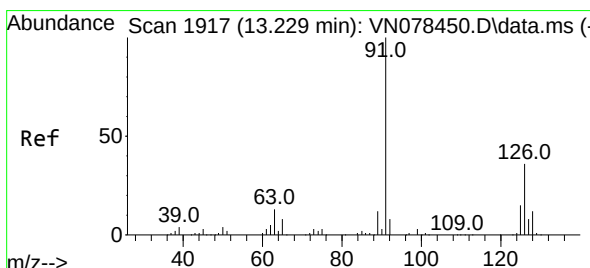
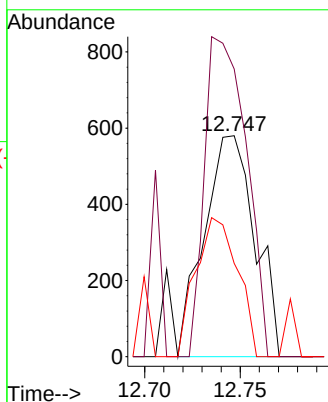
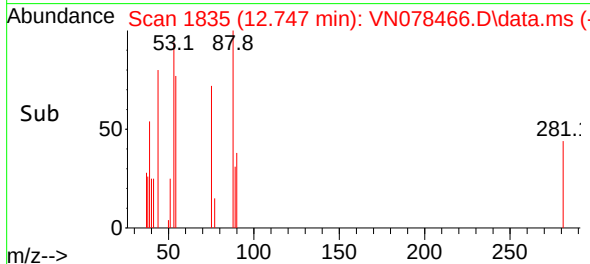


#81
trans-1,4-Dichloro-2-butene
Concen: 0.569 ug/l m
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

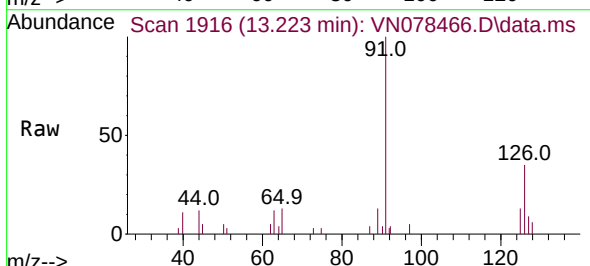
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



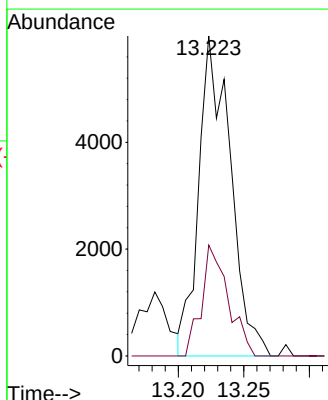
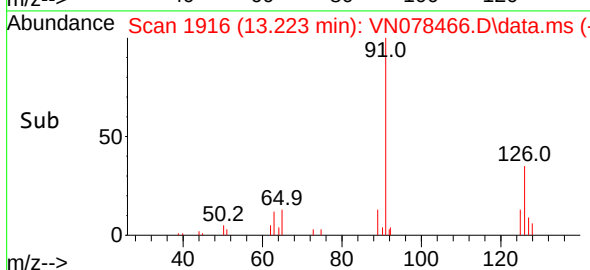
Tgt Ion: 75 Resp: 1077
Ion Ratio Lower Upper
75 100
53 11.0 67.4 101.2#
89 0.0 38.8 58.2#

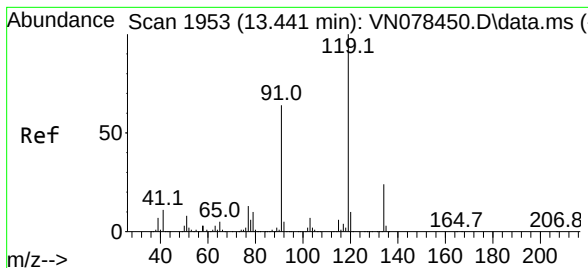


#82
4-Chlorotoluene
Concen: 0.794 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03



Tgt Ion: 91 Resp: 10029
Ion Ratio Lower Upper
91 100
126 29.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.735 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

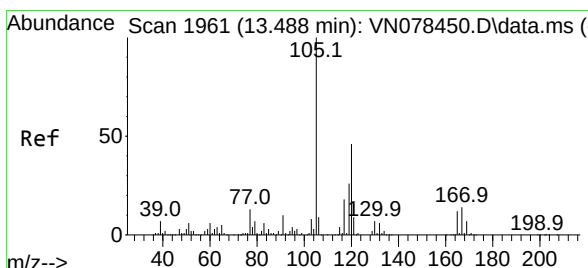
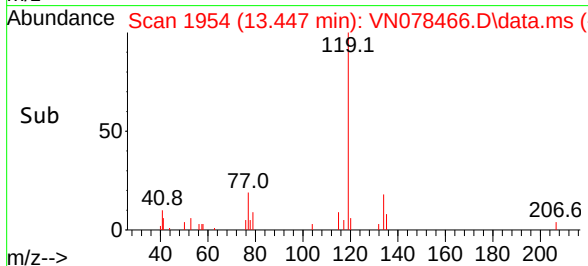
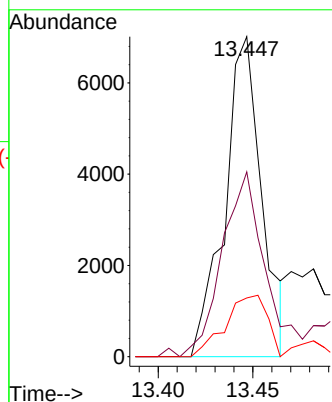
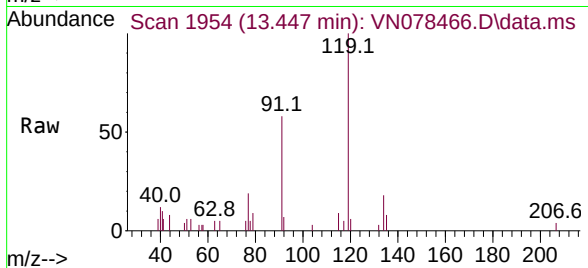
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:	119	Resp:	9530
Ion Ratio	Lower	Upper	
119	100		
91	67.3	33.9	101.7
134	22.5	13.2	39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.650 ug/l

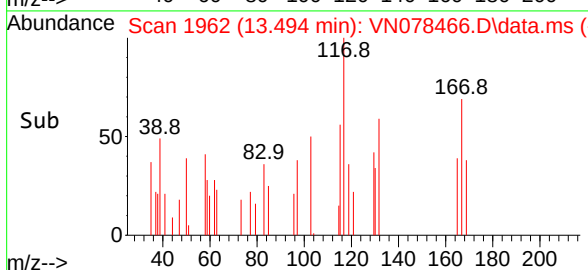
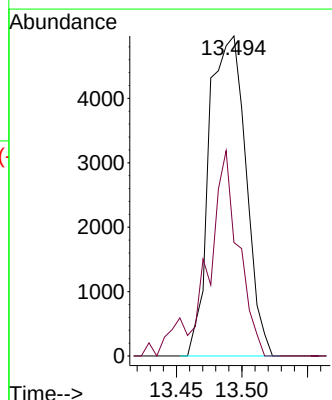
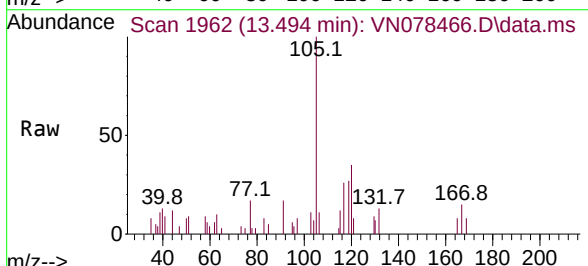
RT: 13.494 min Scan# 1962

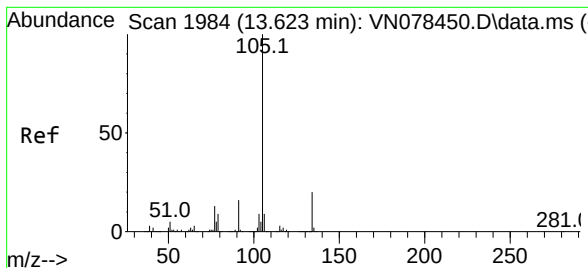
Delta R.T. 0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Tgt Ion:	105	Resp:	9631
Ion Ratio	Lower	Upper	
105	100		
120	55.5	22.0	66.0





#85

sec-Butylbenzene

Concen: 0.661 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

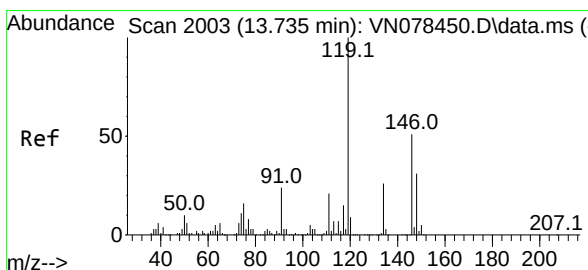
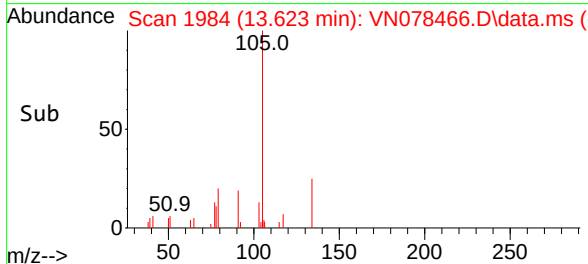
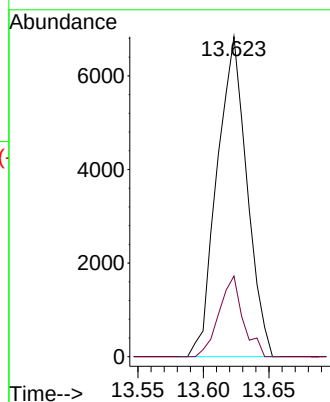
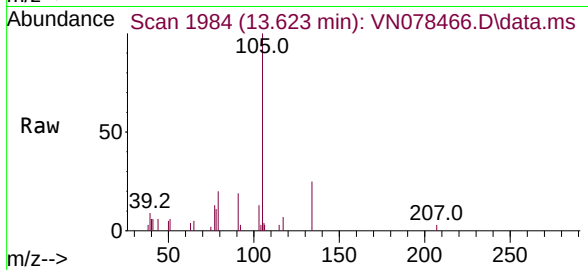
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 10828

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.621 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078466.D

Acq: 11 Jul 2023 17:03

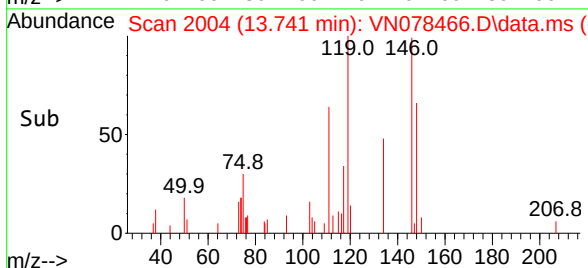
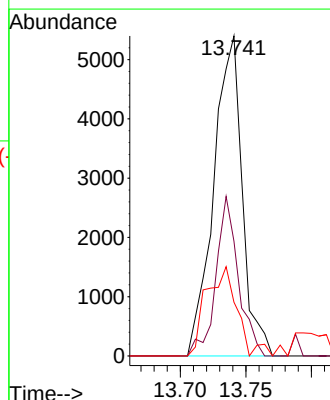
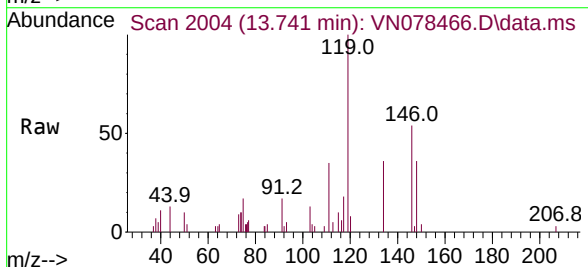
Tgt Ion:119 Resp: 8172

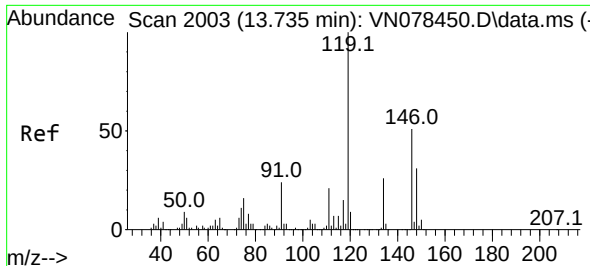
Ion Ratio Lower Upper

119 100

134 39.2 12.6 37.8#

91 29.4 12.4 37.2

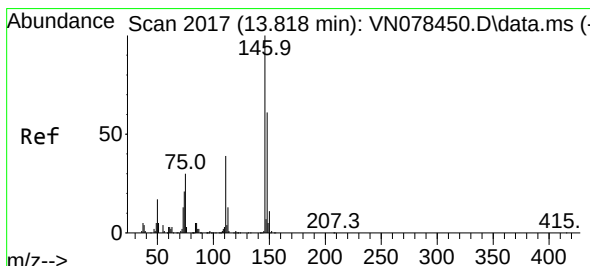
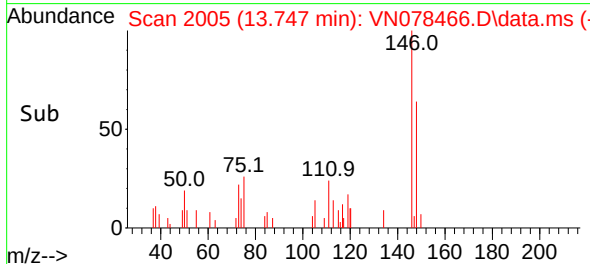
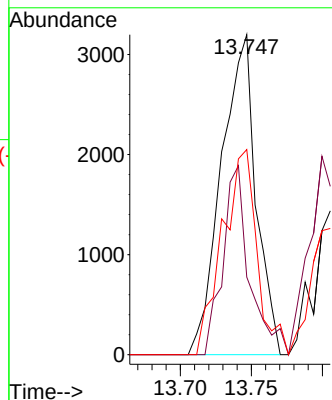
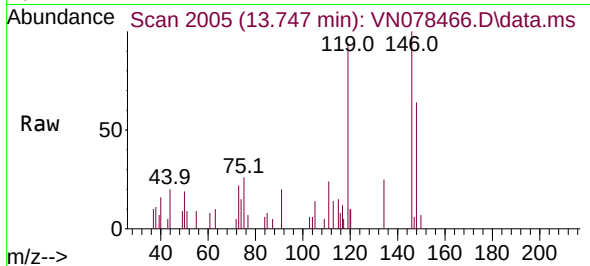




#87
 1,3-Dichlorobenzene
 Concen: 0.733 ug/l
 RT: 13.747 min Scan# 2005
 Delta R.T. 0.012 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

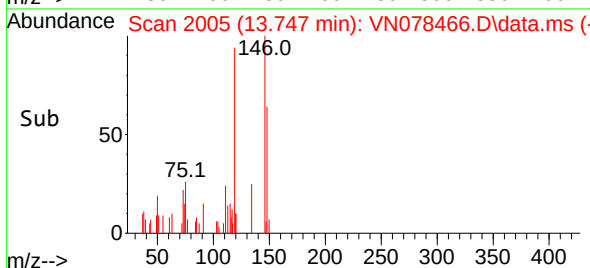
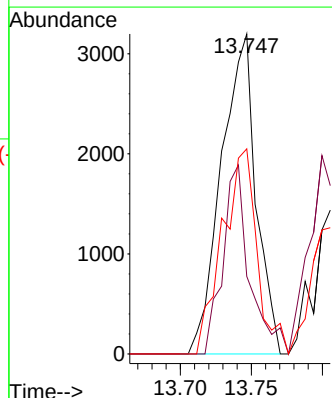
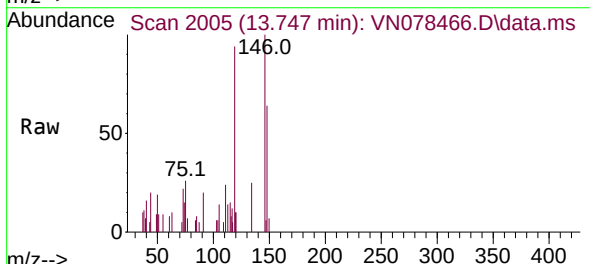
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

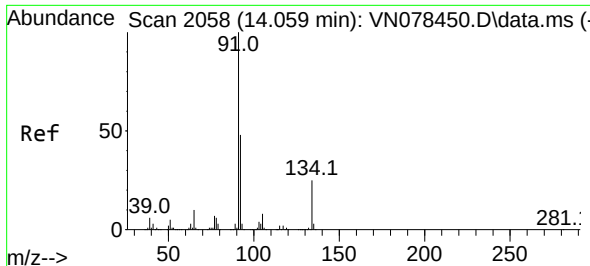
Tgt Ion:146 Resp: 5439
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.1 66.3
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.728 ug/l
 RT: 13.747 min Scan# 2005
 Delta R.T. -0.071 min
 Lab File: VN078466.D
 Acq: 11 Jul 2023 17:03

Tgt Ion:146 Resp: 5439
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.6 61.8
 148 63.6 31.6 94.8

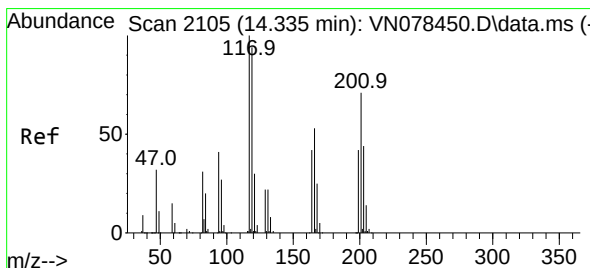
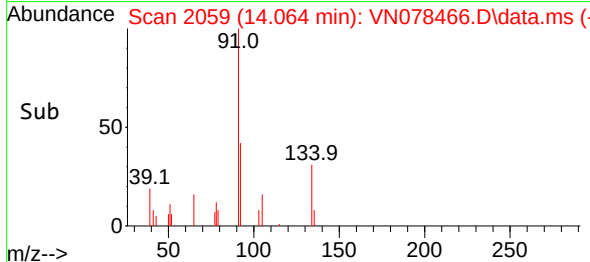
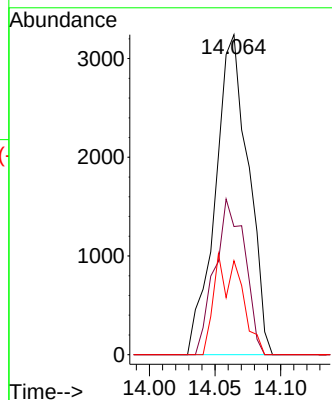
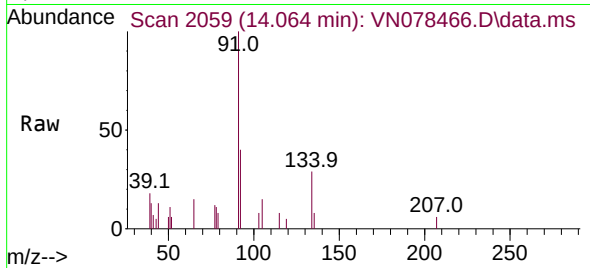




#89
n-Butylbenzene
Concen: 0.604 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

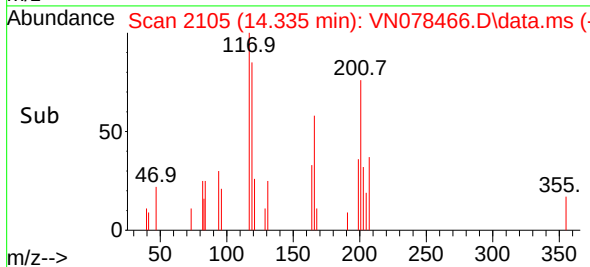
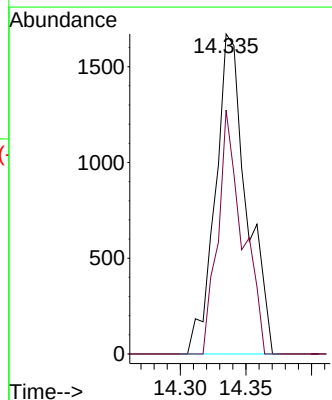
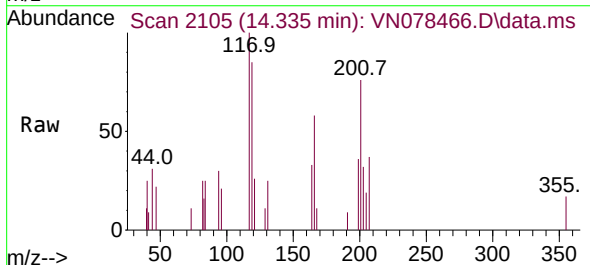
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

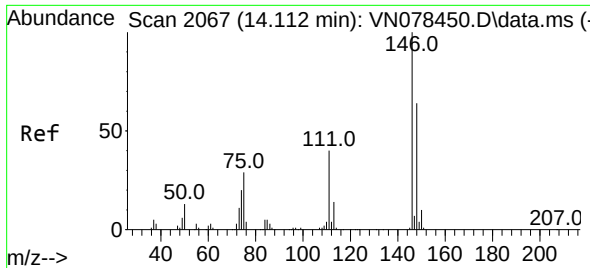
Tgt Ion: 91 Resp: 5688
Ion Ratio Lower Upper
91 100
92 44.1 26.4 79.0
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 0.993 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 117 Resp: 2760
Ion Ratio Lower Upper
117 100
201 60.1 29.3 88.0

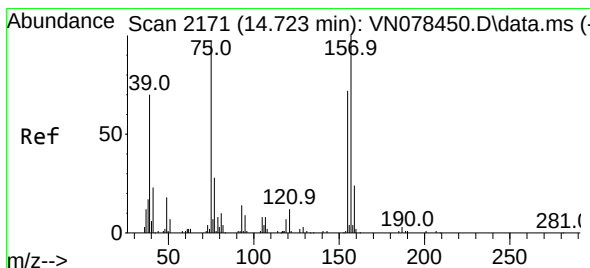
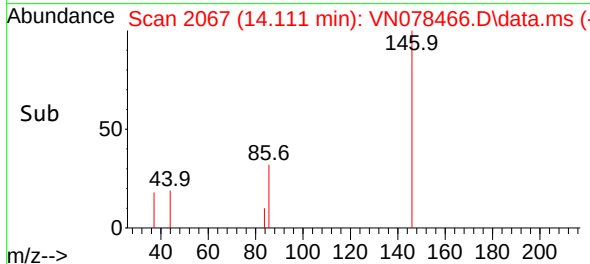
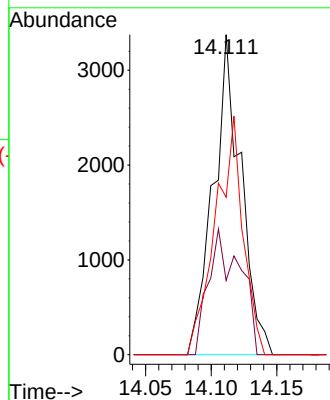
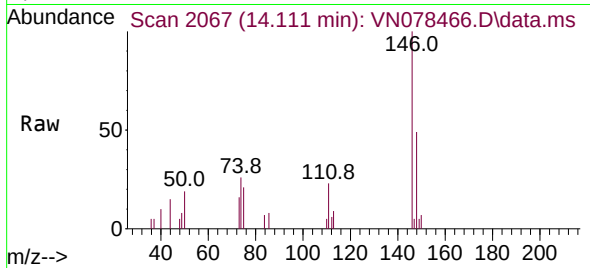




#91
1,2-Dichlorobenzene
Concen: 0.669 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

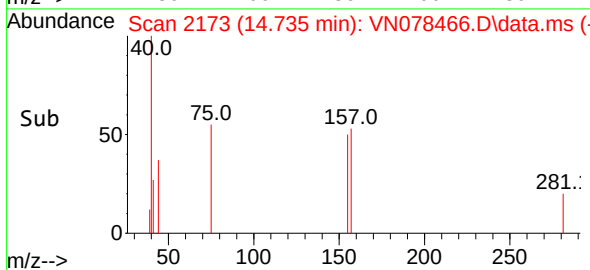
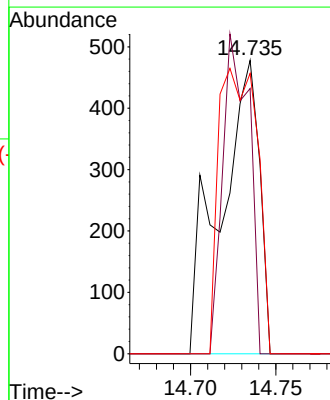
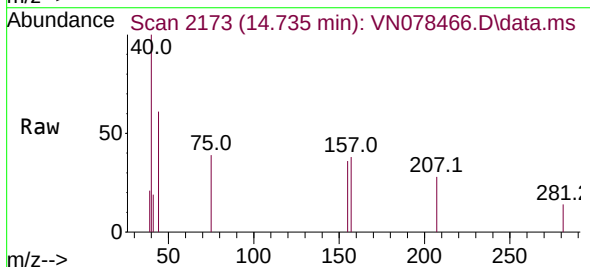
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

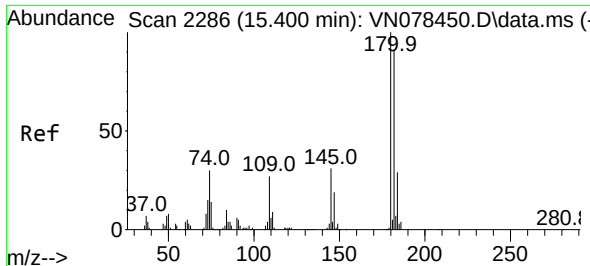
Tgt Ion:146	Resp:	4936
Ion	Ratio	Lower Upper
146	100	
111	44.9	22.0 66.0
148	74.3	31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.707 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion: 75	Resp:	760
Ion	Ratio	Lower Upper
75	100	
155	73.7	39.1 117.2
157	96.3	50.3 150.9

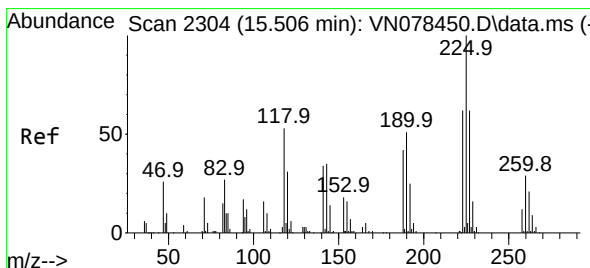
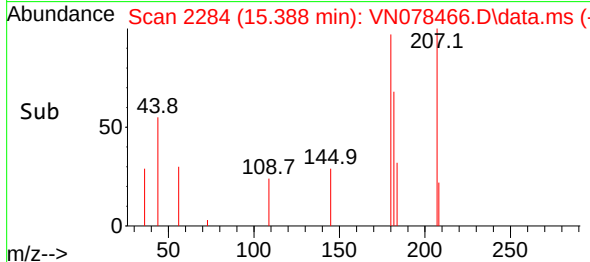
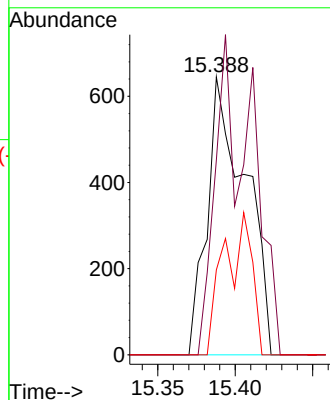
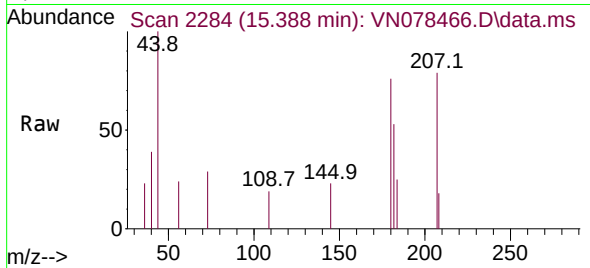




#93
1,2,4-Trichlorobenzene
Concen: 0.470 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.012 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

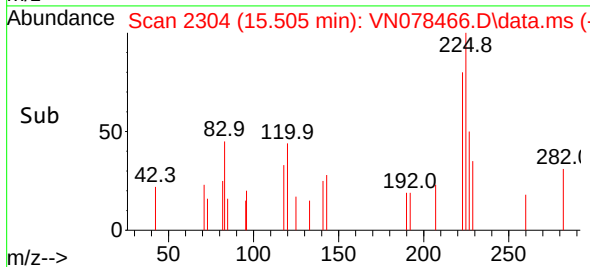
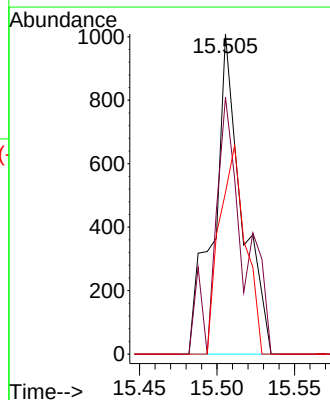
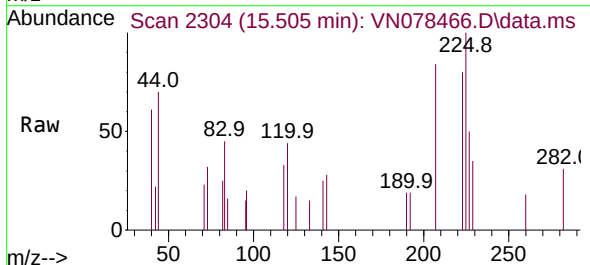
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

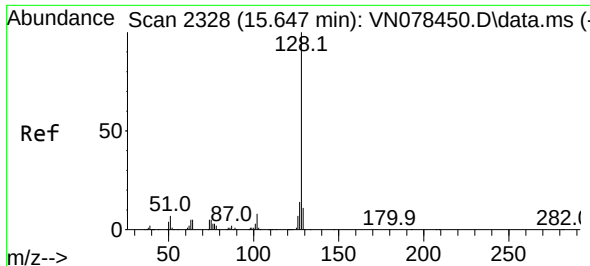
Tgt Ion:180 Resp: 1108
Ion Ratio Lower Upper
180 100
182 69.2 46.1 138.2
145 19.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.821 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:225 Resp: 1265
Ion Ratio Lower Upper
225 100
223 82.7 31.3 93.8
227 60.6 31.9 95.9

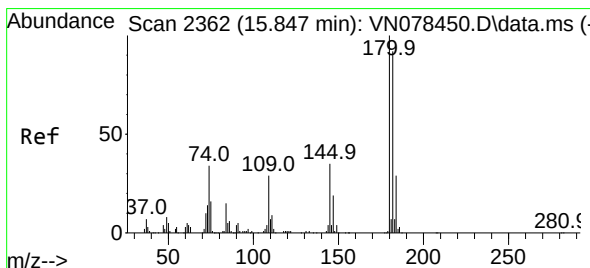
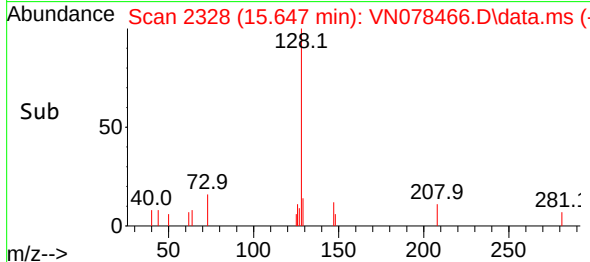
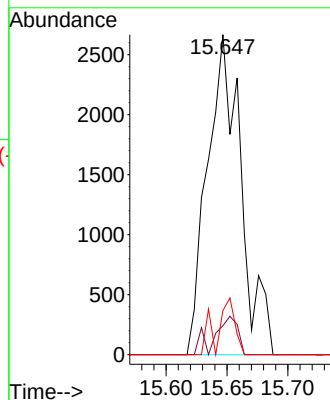
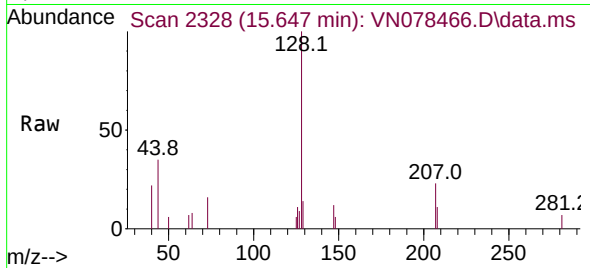




#95
Naphthalene
Concen: 0.636 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

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

Tgt Ion:128 Resp: 5126
Ion Ratio Lower Upper
128 100
127 6.8 10.0 15.0#
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.253 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.012 min
Lab File: VN078466.D
Acq: 11 Jul 2023 17:03

Tgt Ion:180 Resp: 684
Ion Ratio Lower Upper
180 100
182 0.0 46.2 138.6#
145 0.0 17.5 52.6#

