

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078465.D
 Acq On : 11 Jul 2023 16:29
 Operator : JC\MD
 Sample : 03572-07 .5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 12 02:47:18 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	409916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	711520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	595227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	173059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320227	58.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.540%	
35) Dibromofluoromethane	8.177	113	275756	57.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.180%	
50) Toluene-d8	10.571	98	984842	53.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.859	95	273681	48.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	2367	0.471	ug/l #	71
3) Chloromethane	2.371	50	4213	0.771	ug/l #	85
4) Vinyl Chloride	2.518	62	3906	0.553	ug/l	93
5) Bromomethane	2.977	94	4758	0.943	ug/l #	58
6) Chloroethane	3.130	64	5369	1.124	ug/l #	55
7) Trichlorofluoromethane	3.512	101	4162	0.493	ug/l #	62
8) Diethyl Ether	3.983	74	1007	0.358	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	4.389	101	1079	0.241	ug/l #	30
10) Methyl Iodide	4.606	142	2925	0.476	ug/l #	75
11) Tert butyl alcohol	5.512	59	2016m	2.379	ug/l	
12) 1,1-Dichloroethene	4.342	96	1817	0.420	ug/l #	61
13) Acrolein	4.183	56	2174	2.608	ug/l #	16
14) Allyl chloride	5.024	41	2676	0.453	ug/l #	79
15) Acrylonitrile	5.747	53	4331	2.023	ug/l #	88
16) Acetone	4.459	43	6039	3.528	ug/l #	80
17) Carbon Disulfide	4.706	76	4018	0.321	ug/l #	75
18) Methyl Acetate	5.042	43	4355	0.601	ug/l #	60
19) Methyl tert-butyl Ether	5.818	73	6099	0.428	ug/l #	83
20) Methylene Chloride	5.289	84	6774	1.226	ug/l #	84
21) trans-1,2-Dichloroethene	5.794	96	1675	0.344	ug/l #	69
22) Diisopropyl ether	6.689	45	5502	0.416	ug/l #	87
23) Vinyl Acetate	6.624	43	16548	1.967	ug/l #	86
24) 1,1-Dichloroethane	6.583	63	3708	0.416	ug/l #	90
25) 2-Butanone	7.500	43	6848	2.541	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	894	0.123	ug/l #	2
27) cis-1,2-Dichloroethene	7.488	96	2122	0.376	ug/l #	13
28) Bromochloromethane	7.830	49	2021	0.481	ug/l #	79
29) Tetrahydrofuran	7.853	42	4059	2.296	ug/l #	34
30) Chloroform	7.983	83	4390	0.473	ug/l #	72
31) Cyclohexane	8.235	56	11576	1.559	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	3691	0.443	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	1948	0.279	ug/l #	76
37) Ethyl Acetate	7.565	43	503	0.087	ug/l #	63
38) Carbon Tetrachloride	8.365	117	3469	0.458	ug/l #	62
39) Methylcyclohexane	9.612	83	2292	0.360	ug/l	88
40) Benzene	8.618	78	8794	0.426	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	700	0.236	ug/l #	31
42) 1,2-Dichloroethane	8.688	62	3936	0.560	ug/l	98
43) Isopropyl Acetate	8.712	43	3860	0.403	ug/l #	88
44) Trichloroethene	9.365	130	2367	0.425	ug/l	99
45) 1,2-Dichloropropane	9.635	63	2639	0.504	ug/l #	85
46) Dibromomethane	9.712	93	1345	0.365	ug/l #	63
47) Bromodichloromethane	9.900	83	2781	0.377	ug/l #	95
48) Methyl methacrylate	9.694	41	1800	0.406	ug/l #	73
49) 1,4-Dioxane	9.700	88	466	4.819	ug/l #	49
51) 4-Methyl-2-Pentanone	10.459	43	10362	1.820	ug/l	97
52) Toluene	10.635	92	5743	0.448	ug/l	94
53) t-1,3-Dichloropropene	10.847	75	2876	0.380	ug/l	97
54) cis-1,3-Dichloropropene	10.324	75	2755	0.342	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	1841	0.365	ug/l #	85
56) Ethyl methacrylate	10.882	69	2636	0.374	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	3585	0.418	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.171	63	5937	2.362	ug/l #	81
59) 2-Hexanone	11.206	43	7665	1.894	ug/l	91
60) Dibromochloromethane	11.365	129	2090	0.375	ug/l	67
61) 1,2-Dibromoethane	11.471	107	2332	0.449	ug/l #	72
64) Tetrachloroethene	11.106	164	2305	0.515	ug/l #	82
65) Chlorobenzene	11.900	112	6201	0.466	ug/l #	68
66) 1,1,1,2-Tetrachloroethane	11.976	131	2006	0.392	ug/l #	58
67) Ethyl Benzene	11.965	91	8135	0.362	ug/l	99
68) m/p-Xylenes	12.076	106	6551	0.788	ug/l	97
69) o-Xylene	12.412	106	2896	0.345	ug/l	88
70) Styrene	12.418	104	4341	0.330	ug/l	89
71) Bromoform	12.582	173	1306	0.377	ug/l #	100
73) Isopropylbenzene	12.694	105	7094	0.436	ug/l	94
74) N-amyl acetate	12.500	43	2716	0.485	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.941	83	3387	0.617	ug/l	89
76) 1,2,3-Trichloropropane	12.994	75	3657m	0.874	ug/l	
77) Bromobenzene	12.982	156	2111	0.529	ug/l	98
78) n-propylbenzene	13.035	91	8013	0.461	ug/l	87
79) 2-Chlorotoluene	13.129	91	5638	0.495	ug/l	80
80) 1,3,5-Trimethylbenzene	13.176	105	5467	0.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	270m	0.170	ug/l	
82) 4-Chlorotoluene	13.223	91	5148	0.484	ug/l	88
83) tert-Butylbenzene	13.441	119	5639	0.517	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	5299	0.425	ug/l	98
85) sec-Butylbenzene	13.623	105	6488	0.471	ug/l	95
86) p-Isopropyltoluene	13.735	119	4583	0.414	ug/l	91
87) 1,3-Dichlorobenzene	13.735	146	2936	0.470	ug/l #	72
88) 1,4-Dichlorobenzene	13.823	146	2998	0.477	ug/l #	47
89) n-Butylbenzene	14.070	91	2635	0.333	ug/l	91
90) Hexachloroethane	14.335	117	1114	0.476	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	2658	0.428	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	407	0.450	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.394	180	644	0.325	ug/l #	38
94) Hexachlorobutadiene	15.500	225	457	0.352	ug/l #	28
95) Naphthalene	15.653	128	2517	0.371	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.859	180	1014	0.445	ug/l #	73

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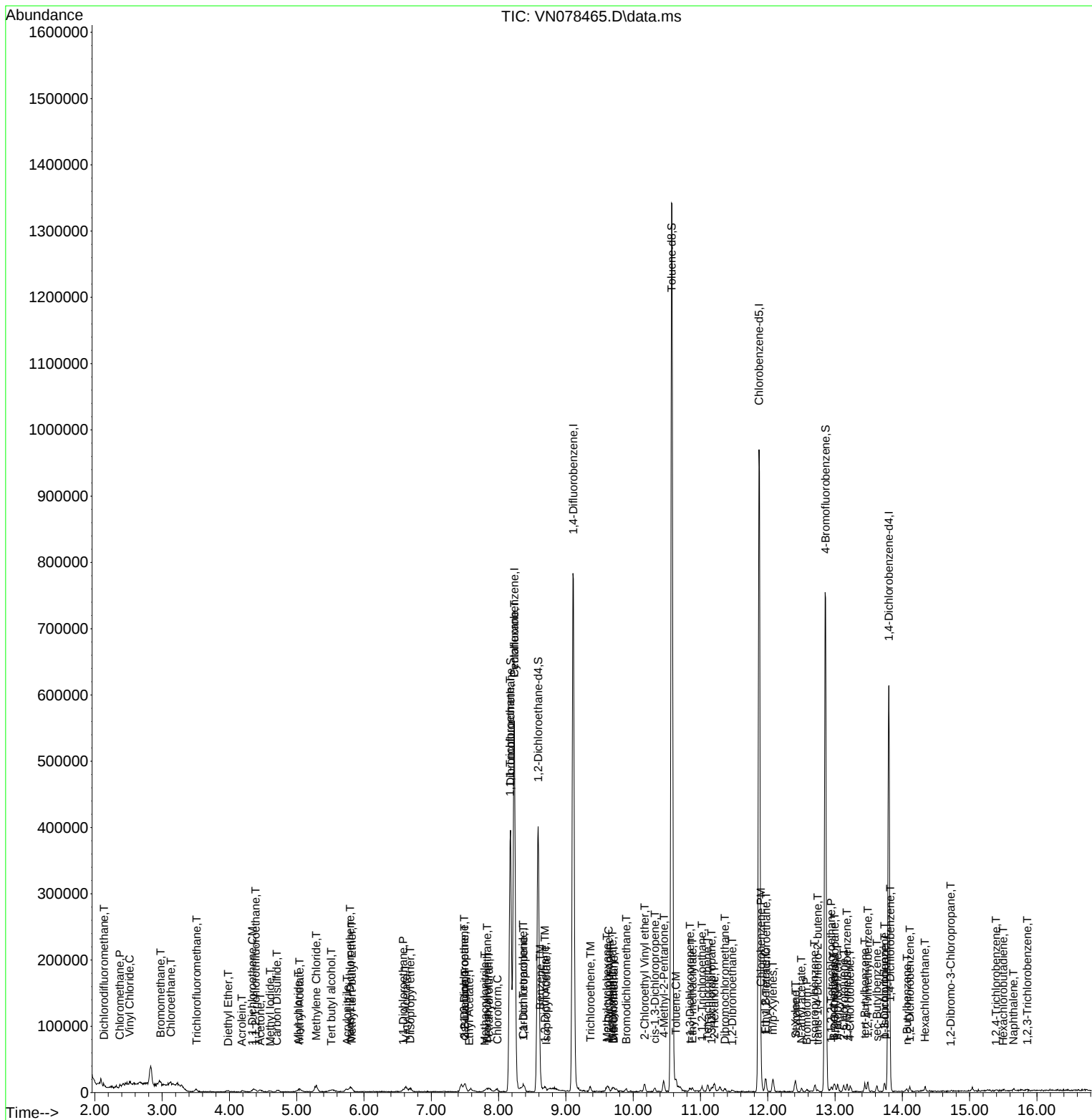
Instrument :
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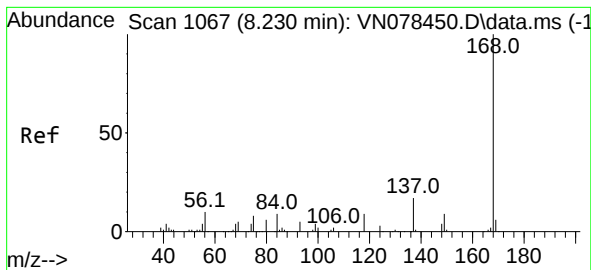
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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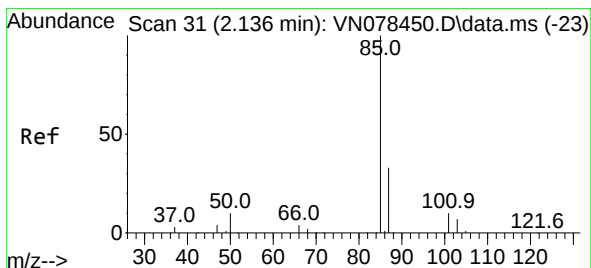
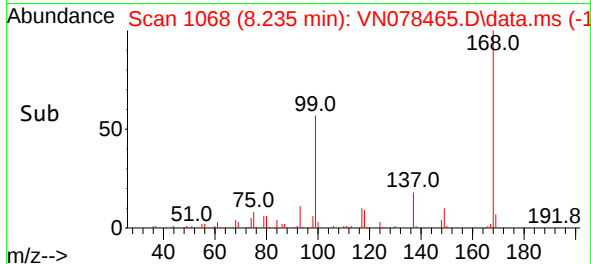
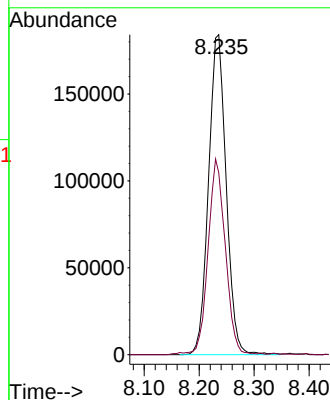
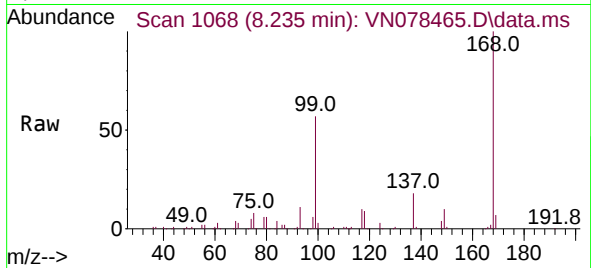




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078465.D
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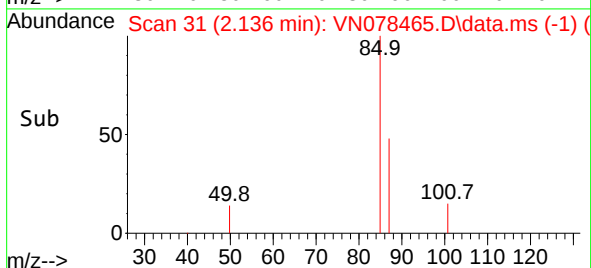
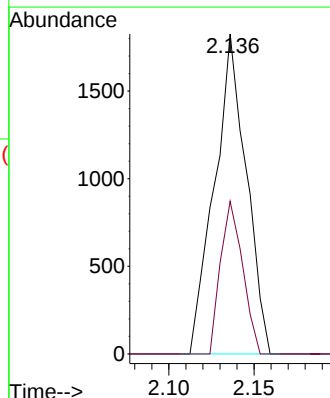
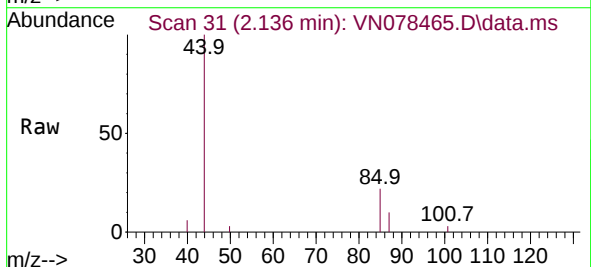
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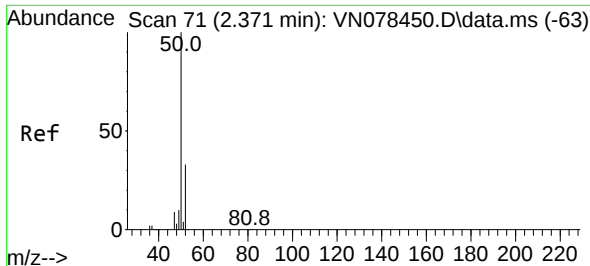
Tgt Ion:168 Resp: 409916
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 85 Resp: 2367
Ion Ratio Lower Upper
85 100
87 47.7 15.8 47.4#

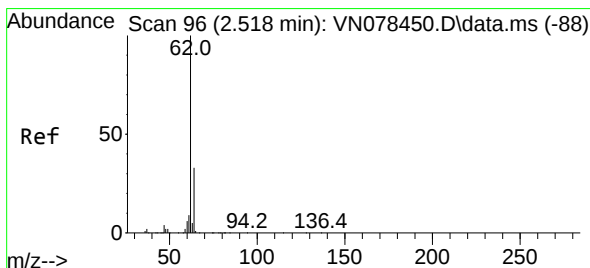
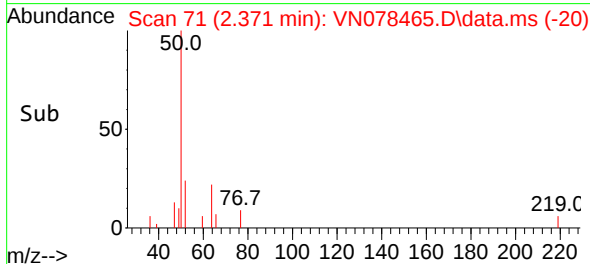
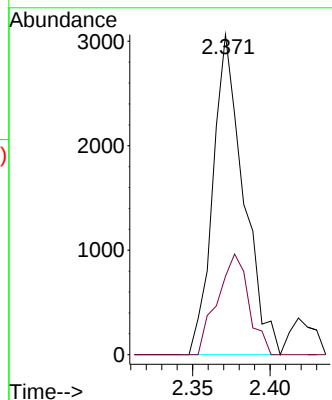
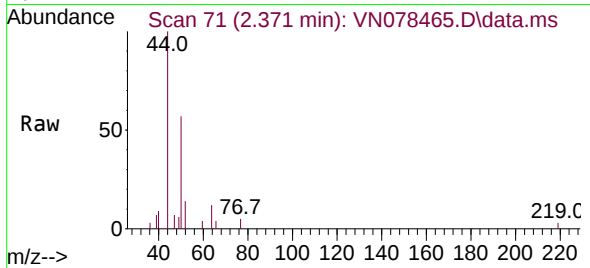




#3
Chloromethane
Concen: 0.771 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

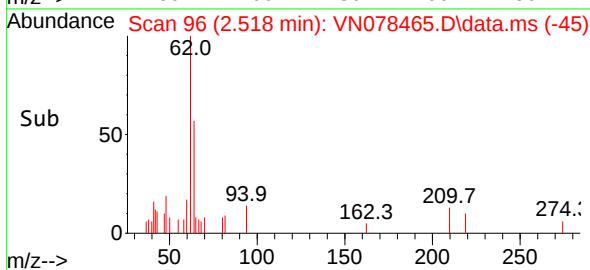
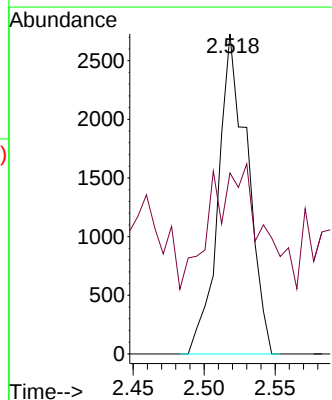
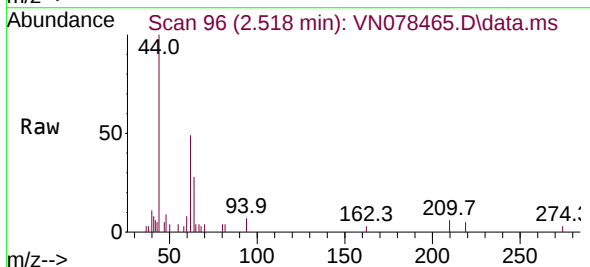
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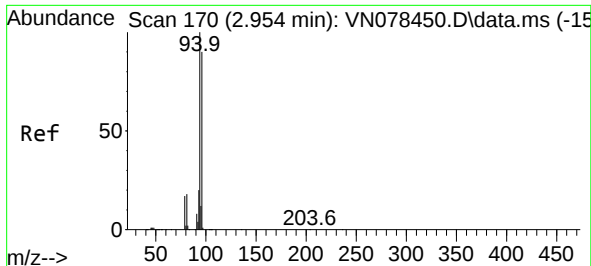
Tgt Ion: 50 Resp: 4213
Ion Ratio Lower Upper
50 100
52 24.5 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.553 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 62 Resp: 3906
Ion Ratio Lower Upper
62 100
64 36.4 26.2 39.2

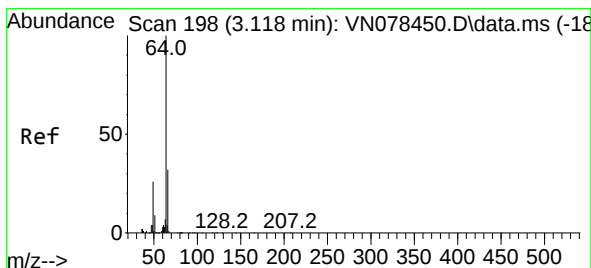
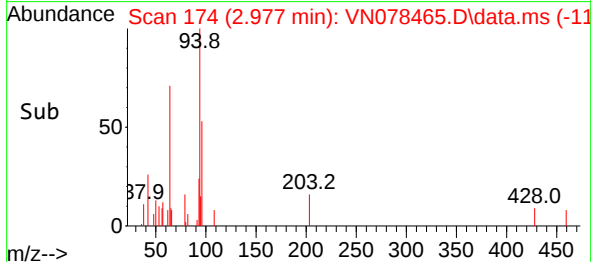
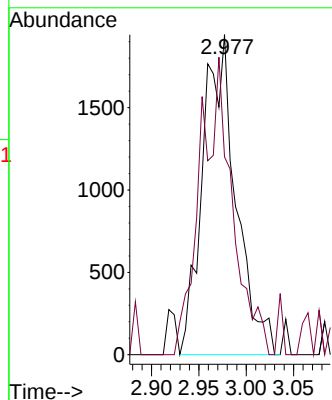
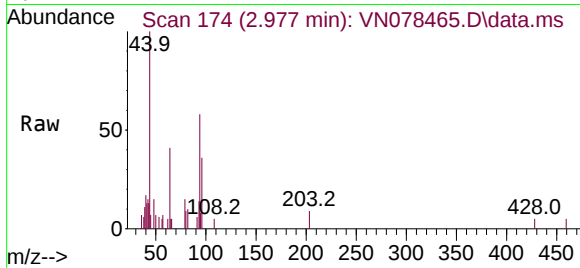




#5
Bromomethane
Concen: 0.943 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

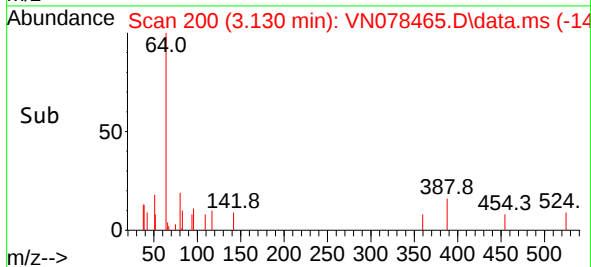
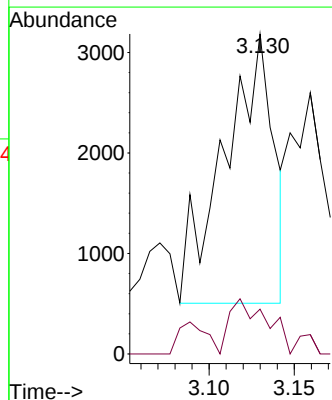
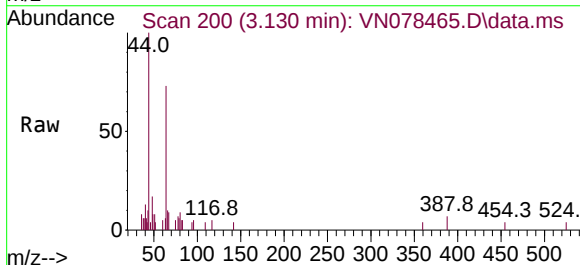
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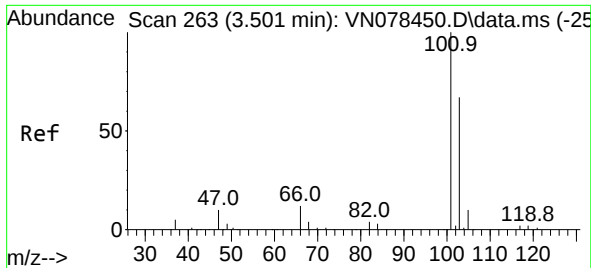
Tgt Ion: 94 Resp: 4758
Ion Ratio Lower Upper
94 100
96 51.5 73.1 109.7#



#6
Chloroethane
Concen: 1.124 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 64 Resp: 5369
Ion Ratio Lower Upper
64 100
66 7.0 25.4 38.2#

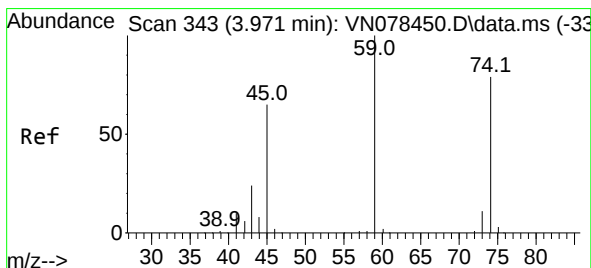
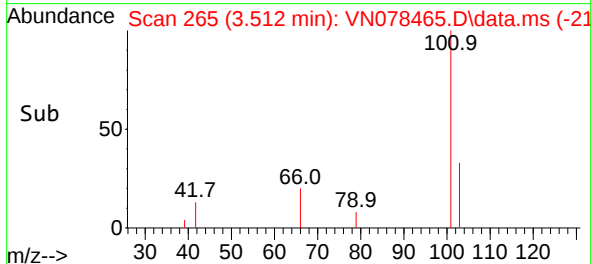
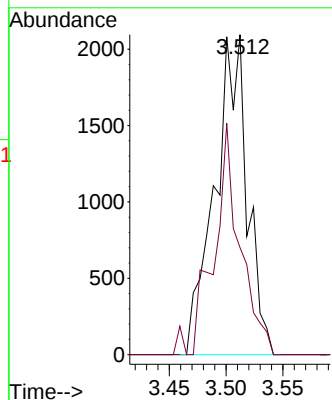
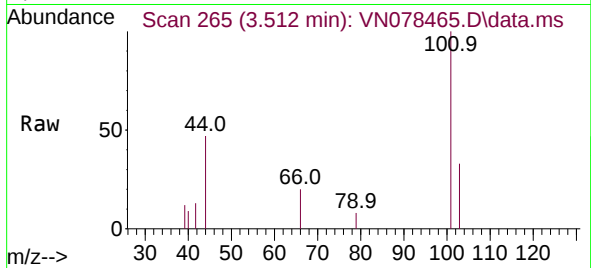




#7
 Trichlorofluoromethane
 Concen: 0.493 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. 0.011 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

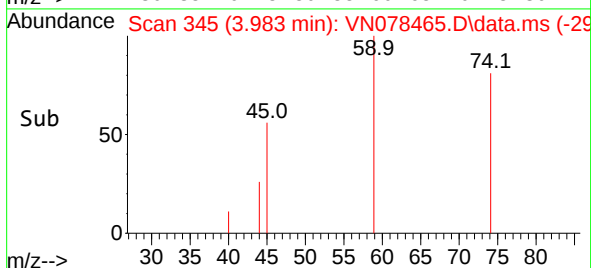
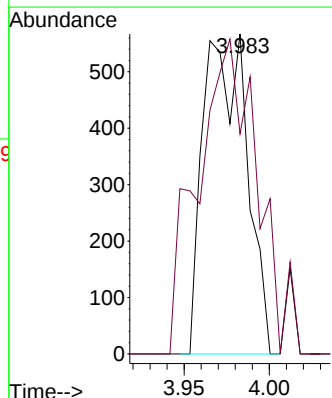
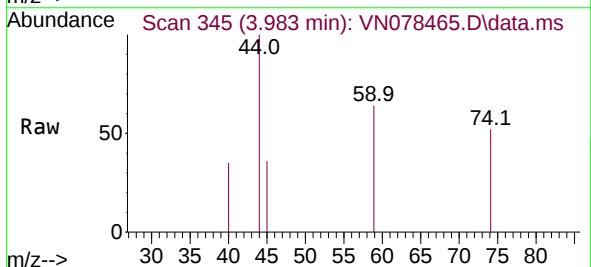
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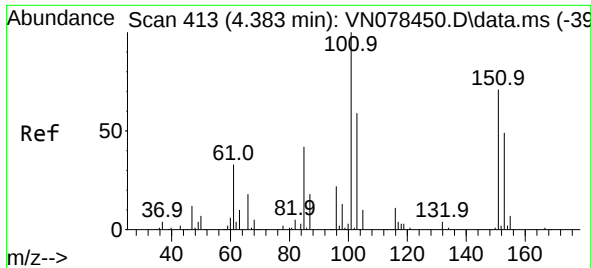
Tgt Ion:101 Resp: 4162
 Ion Ratio Lower Upper
 101 100
 103 33.5 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.358 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.012 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

Tgt Ion: 74 Resp: 1007
 Ion Ratio Lower Upper
 74 100
 45 135.9 34.4 103.3#

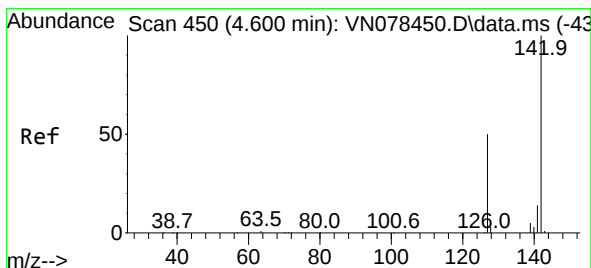
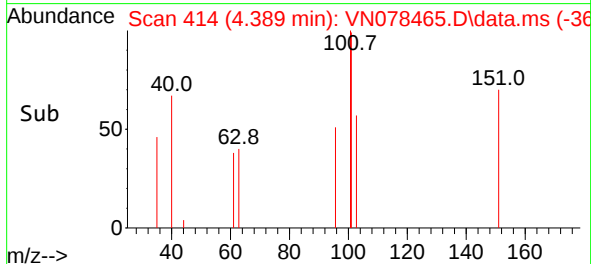
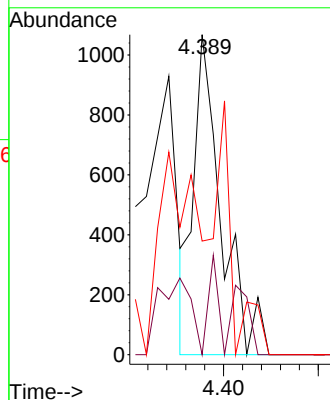
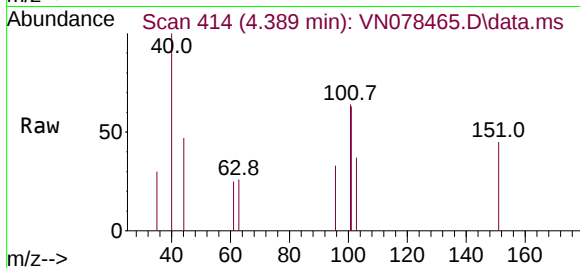




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.241 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

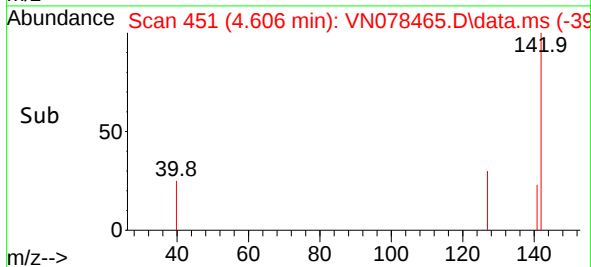
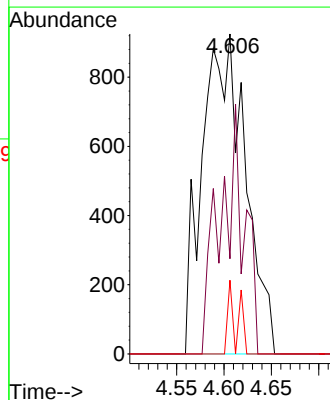
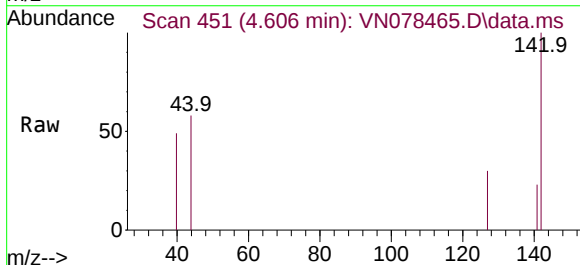
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

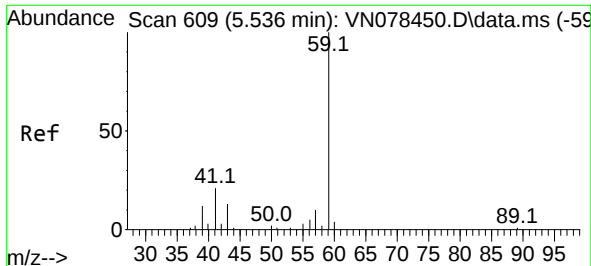
Tgt Ion:101 Resp: 1079
Ion Ratio Lower Upper
101 100
85 10.8 36.6 55.0#
151 139.5 57.6 86.4#



#10
Methyl Iodide
Concen: 0.476 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:142 Resp: 2925
Ion Ratio Lower Upper
142 100
127 29.7 37.6 56.4#
141 23.0 11.4 17.0#

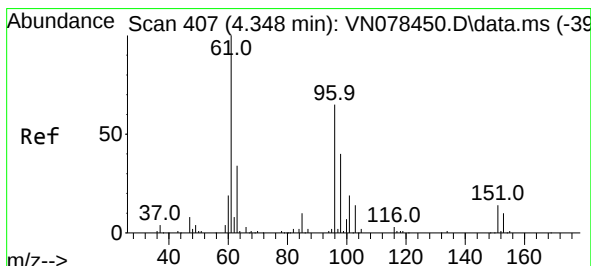
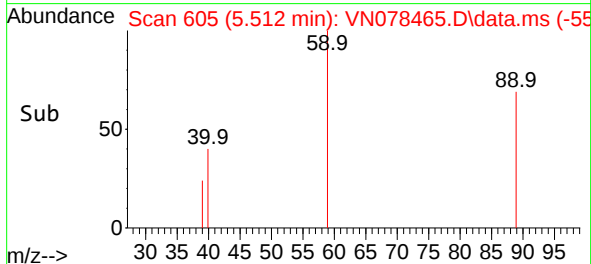
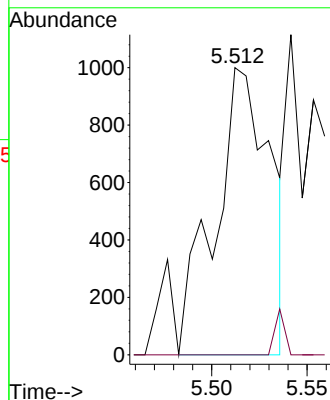
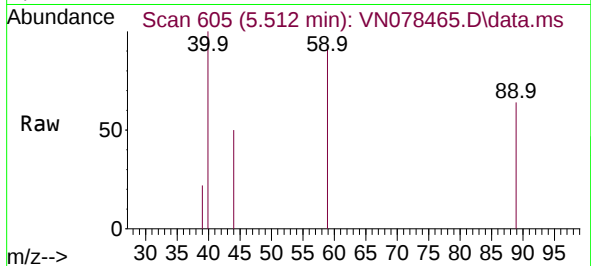




#11
Tert butyl alcohol
Concen: 2.379 ug/l m
RT: 5.512 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

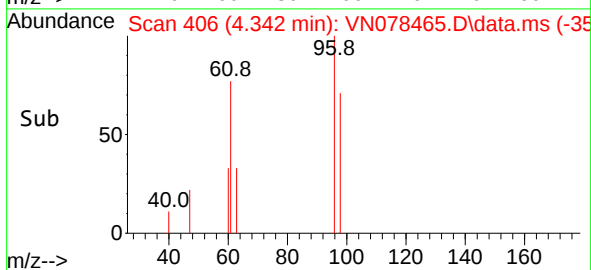
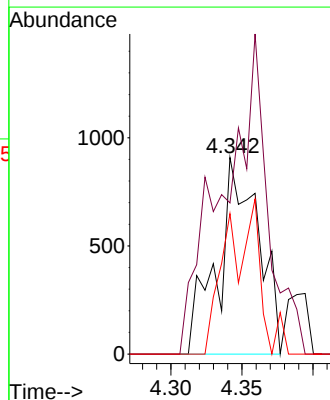
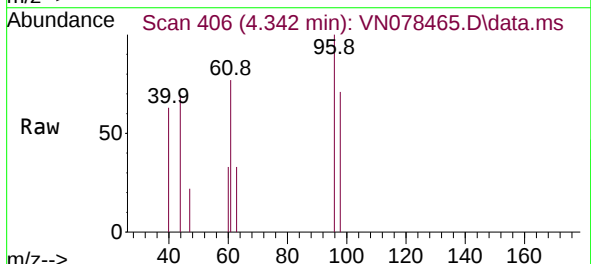
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

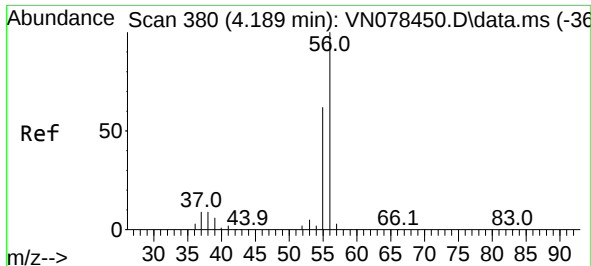
Tgt Ion: 59 Resp: 2016
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.420 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 96 Resp: 1817
Ion Ratio Lower Upper
96 100
61 76.9 112.7 169.1#
98 71.4 51.2 76.8

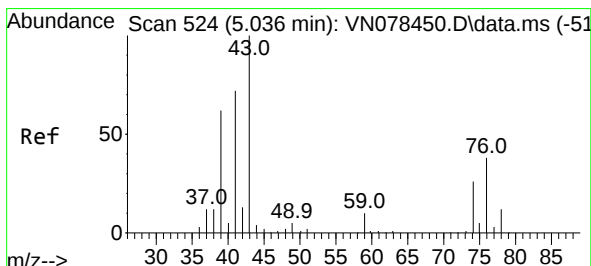
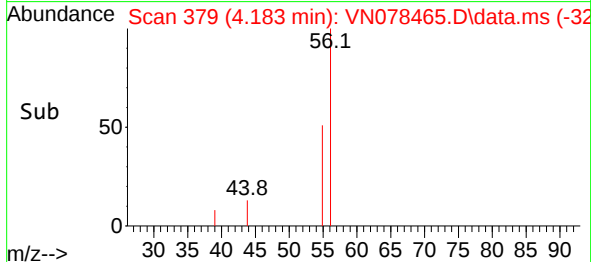
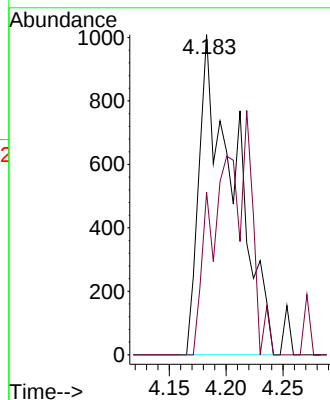
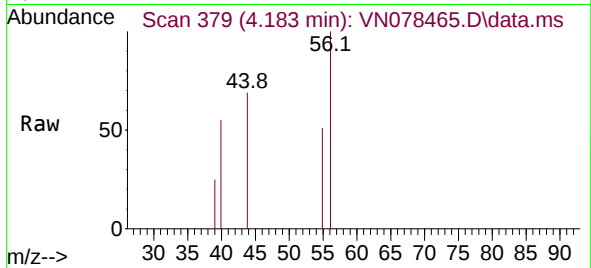




#13
Acrolein
Concen: 2.608 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

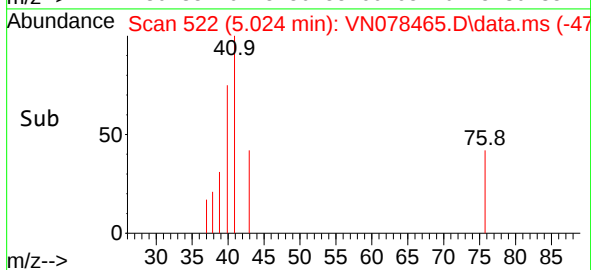
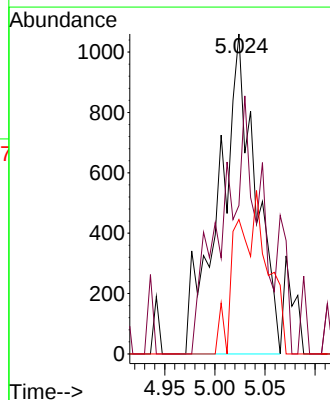
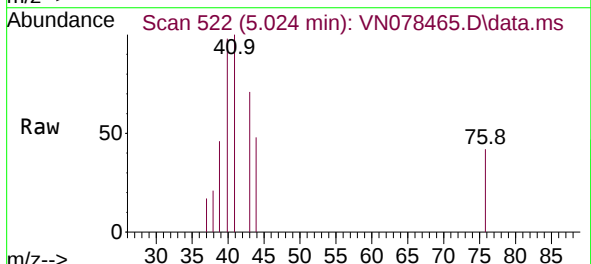
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

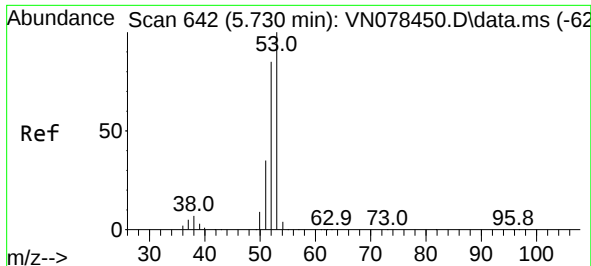
Tgt Ion: 56 Resp: 2174
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#14
Allyl chloride
Concen: 0.453 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 41 Resp: 2676
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 22.7 39.1 58.7#

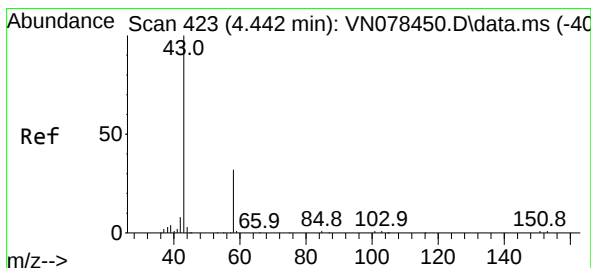
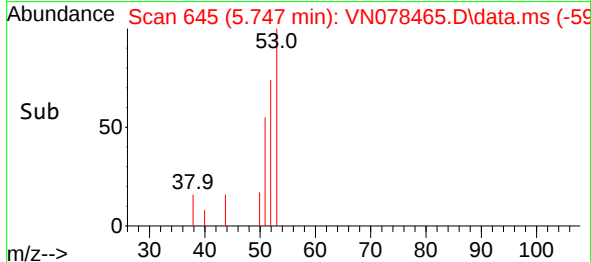
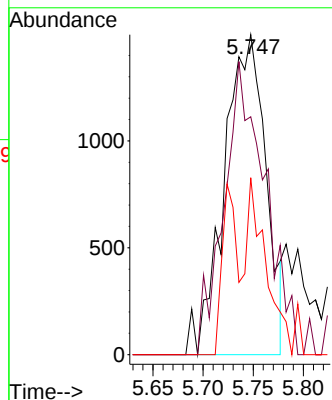
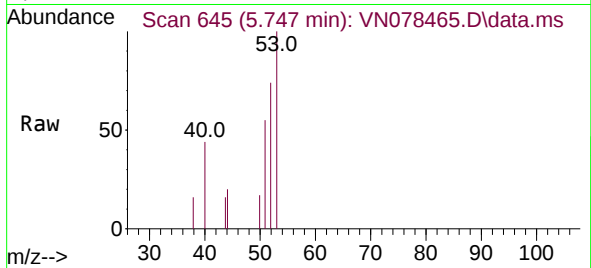




#15
Acrylonitrile
Concen: 2.023 ug/l
RT: 5.747 min Scan# 64
Delta R.T. 0.017 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

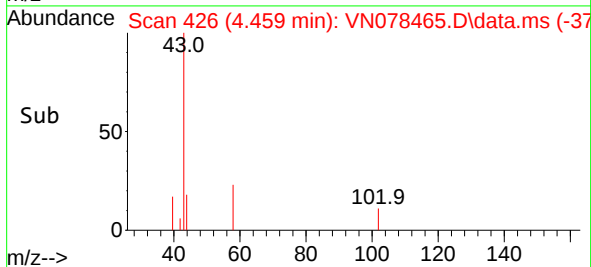
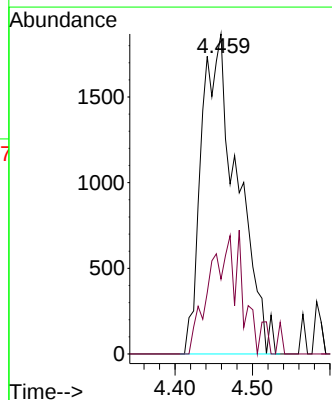
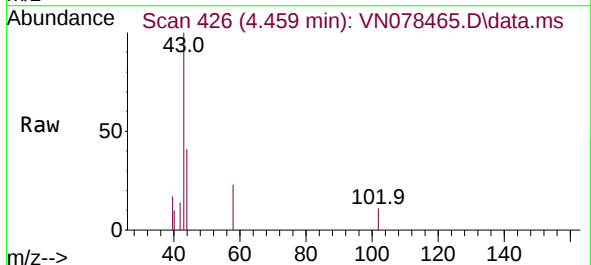
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

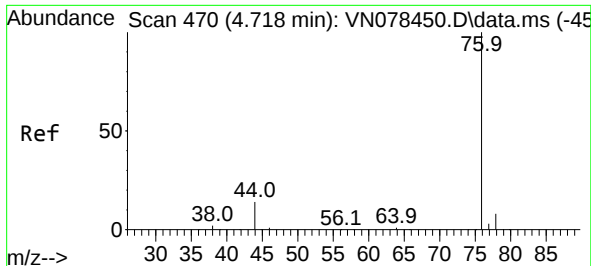
Tgt Ion: 53 Resp: 4331
Ion Ratio Lower Upper
53 100
52 90.0 65.3 97.9
51 26.6 28.9 43.3#



#16
Acetone
Concen: 3.528 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 43 Resp: 6039
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#

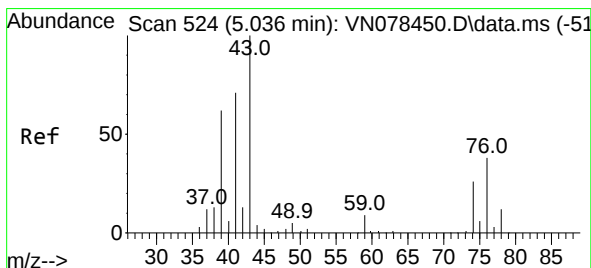
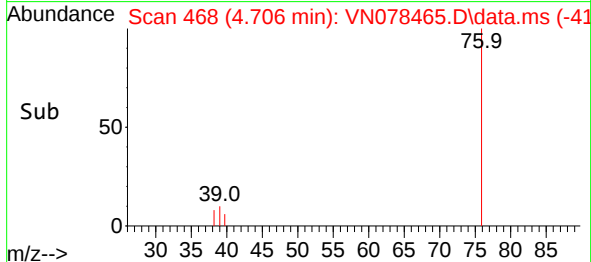
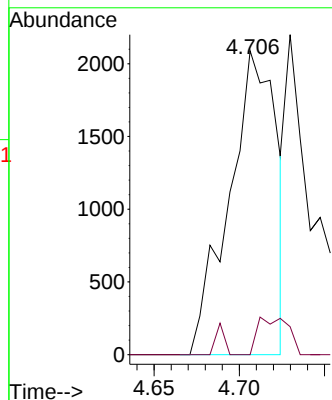
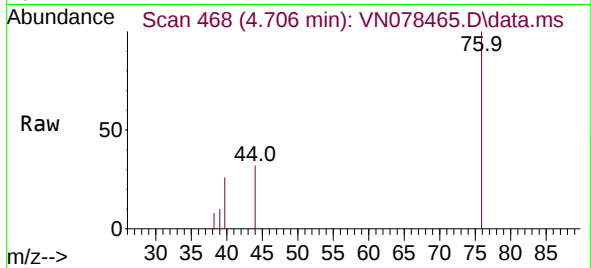




#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 4.706 min Scan# 4018
Delta R.T. -0.012 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

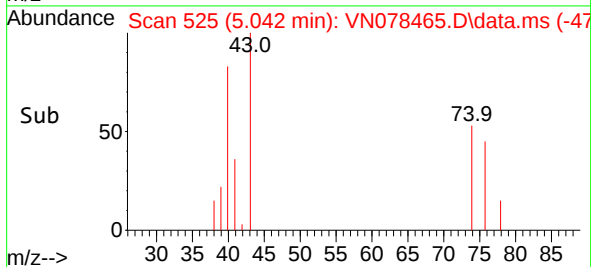
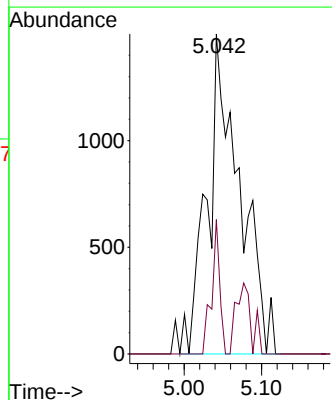
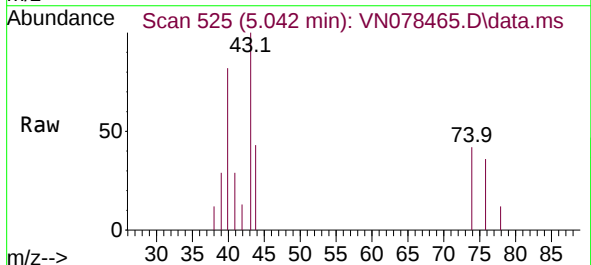
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

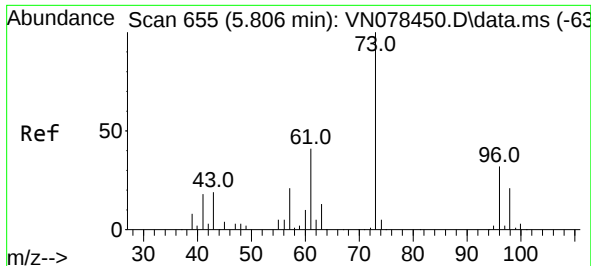
Tgt Ion: 76 Resp: 4018
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.601 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 43 Resp: 4355
Ion Ratio Lower Upper
43 100
74 10.5 26.2 39.4#

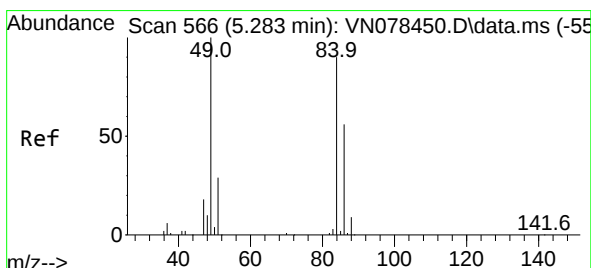
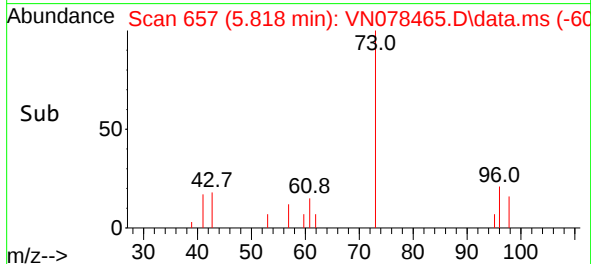
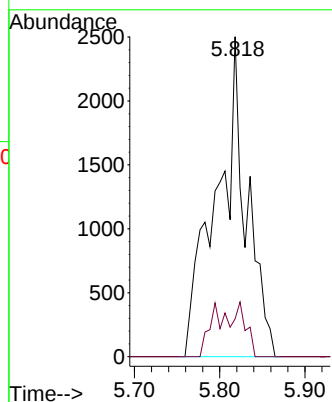
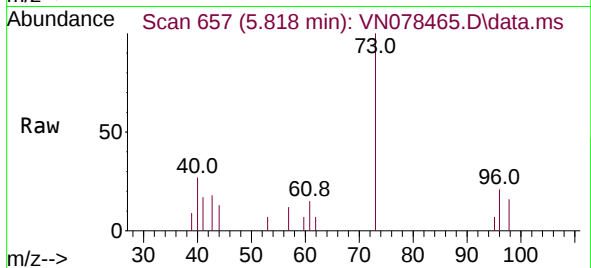




#19
Methyl tert-butyl Ether
Concen: 0.428 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

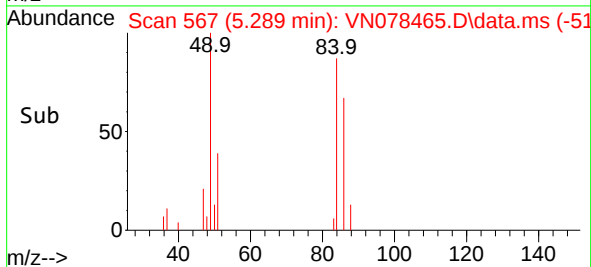
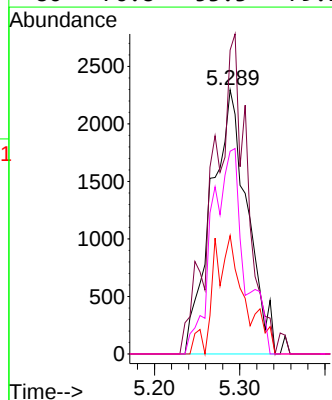
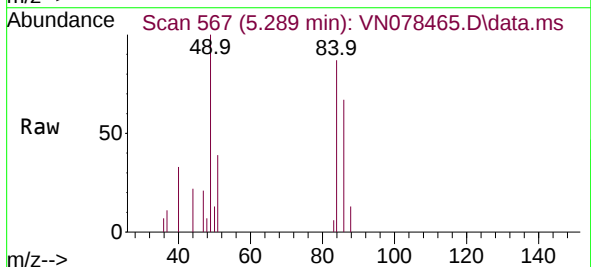
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

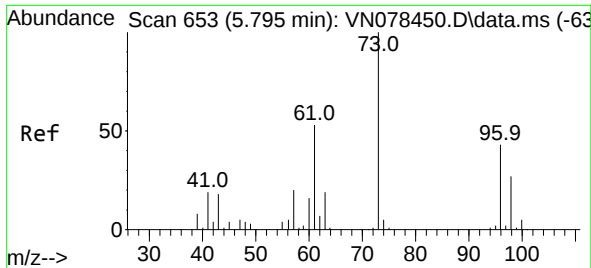
Tgt Ion: 73 Resp: 6099
Ion Ratio Lower Upper
73 100
57 11.8 15.6 23.4#



#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 84 Resp: 6774
Ion Ratio Lower Upper
84 100
49 115.1 79.7 119.5
51 44.9 25.2 37.8#
86 76.8 53.3 79.9

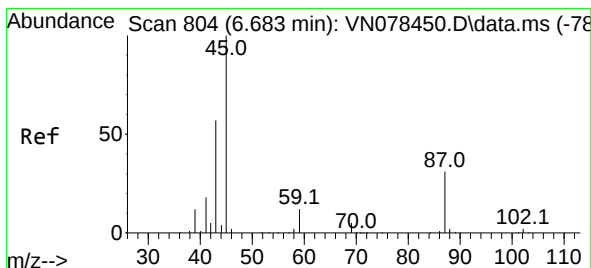
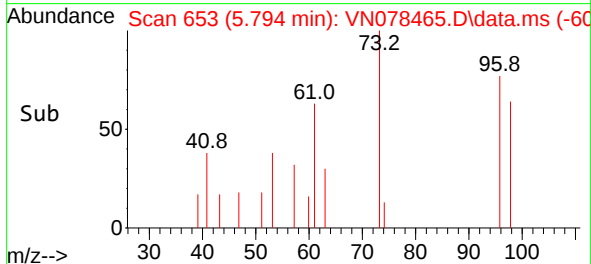
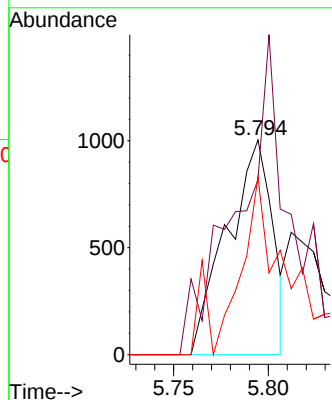
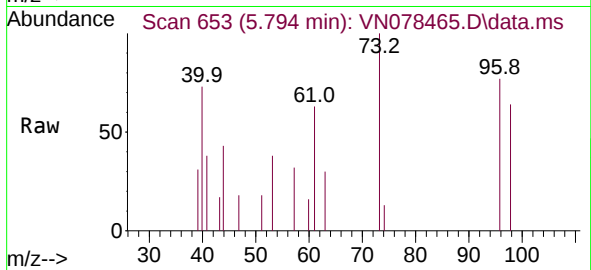




#21
trans-1,2-Dichloroethene
Concen: 0.344 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

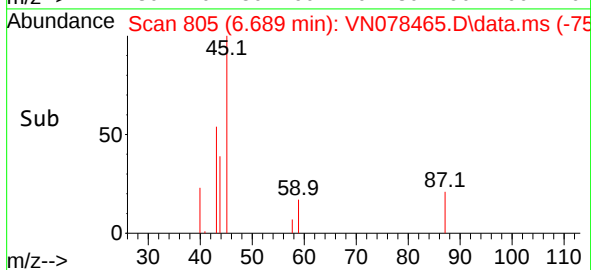
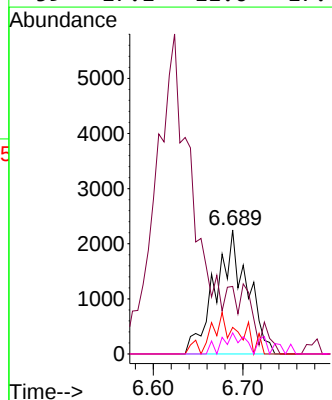
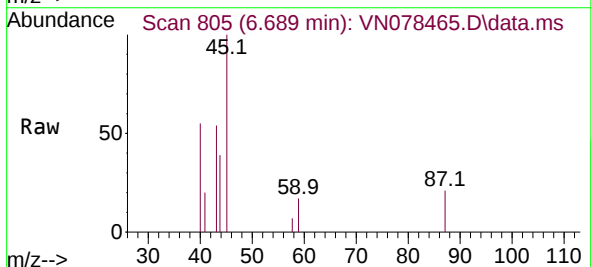
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

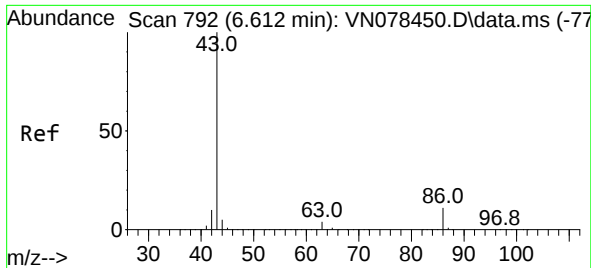
Tgt Ion: 96 Resp: 1675
Ion Ratio Lower Upper
96 100
61 81.5 90.1 135.1#
98 82.8 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.416 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 45 Resp: 5502
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 21.5 31.8 47.8#
59 17.1 11.6 17.4

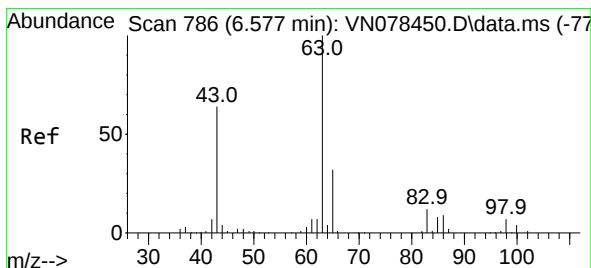
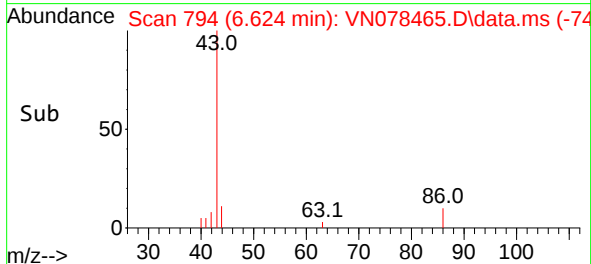
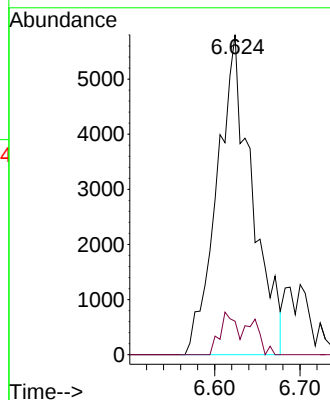
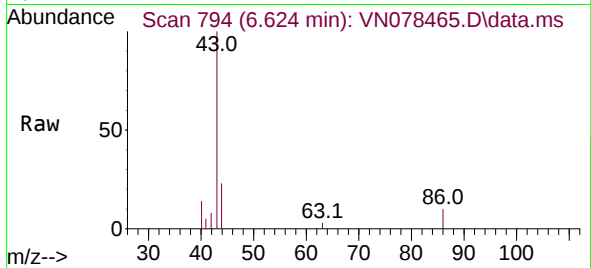




#23
 Vinyl Acetate
 Concen: 1.967 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.012 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

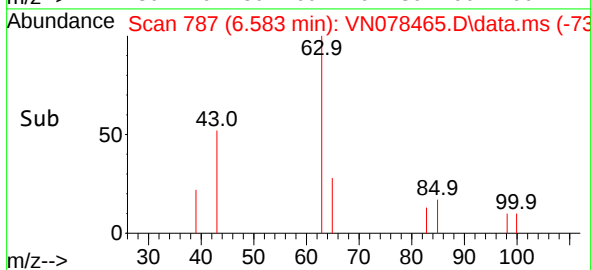
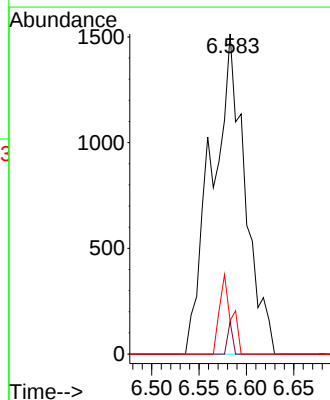
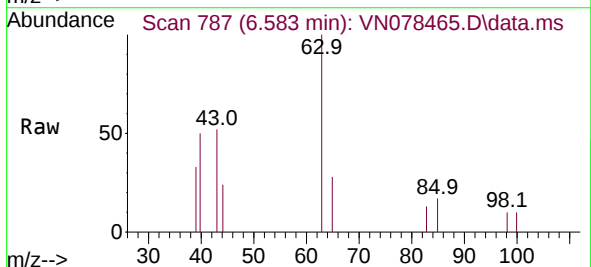
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

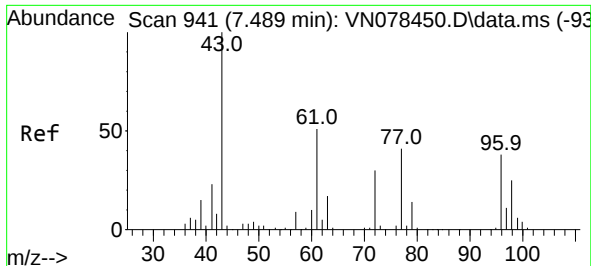
Tgt Ion: 43 Resp: 16548
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.416 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

Tgt Ion: 63 Resp: 3708
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.9 11.7
 100 10.4 2.5 7.4#





#25

2-Butanone

Concen: 2.541 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.011 min

Lab File: VN078465.D

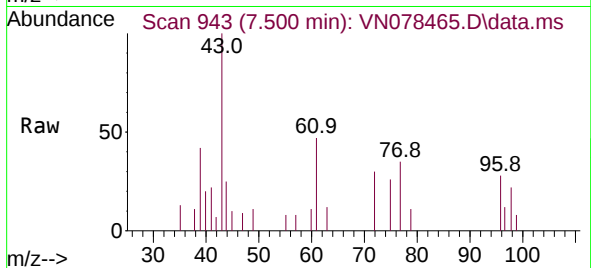
Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

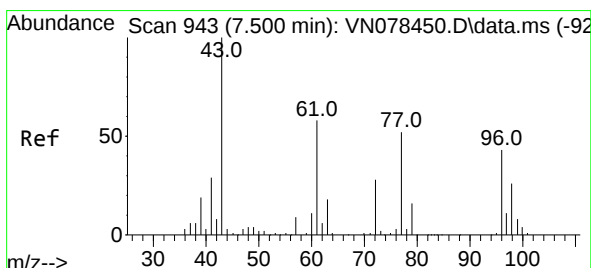
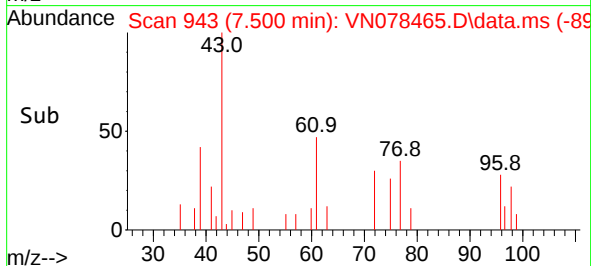
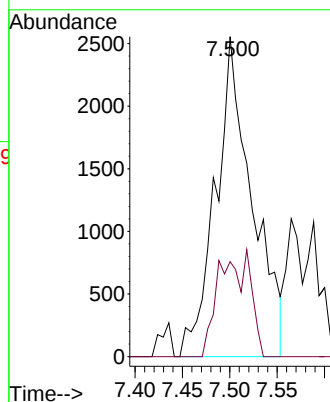


Tgt Ion: 43 Resp: 6848

Ion Ratio Lower Upper

43 100

72 29.7 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 0.123 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078465.D

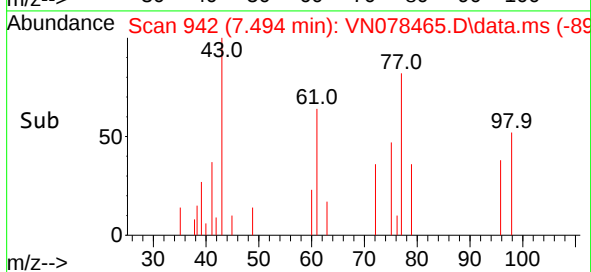
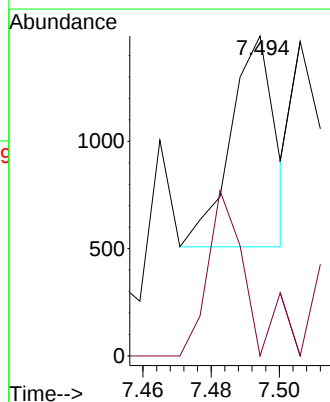
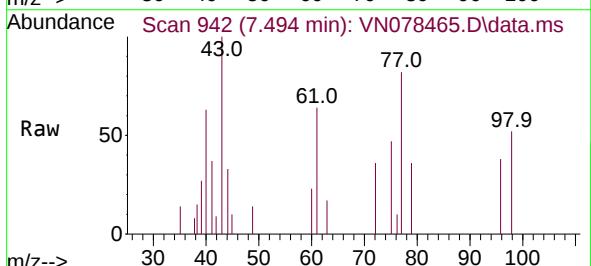
Acq: 11 Jul 2023 16:29

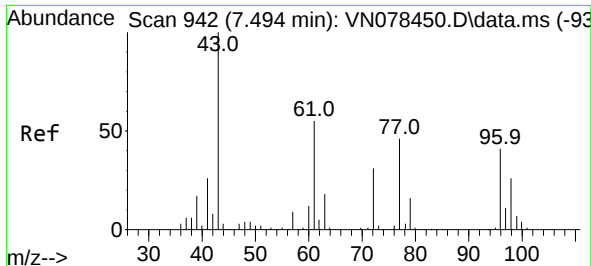
Tgt Ion: 77 Resp: 894

Ion Ratio Lower Upper

77 100

97 69.6 11.2 33.6#



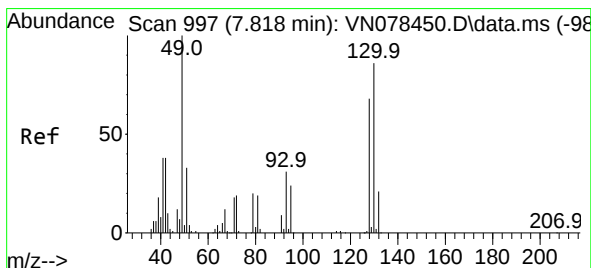
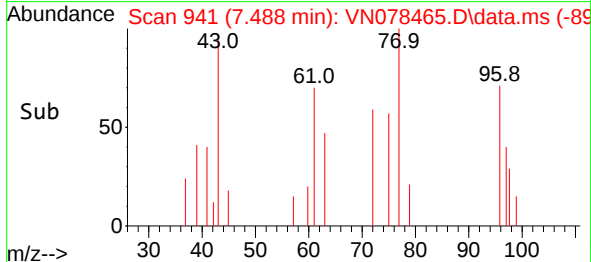
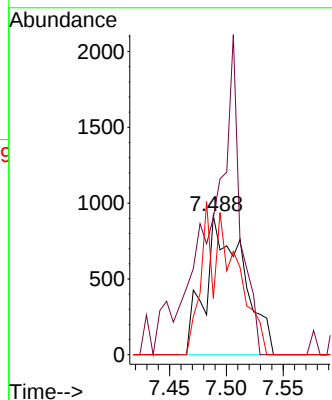
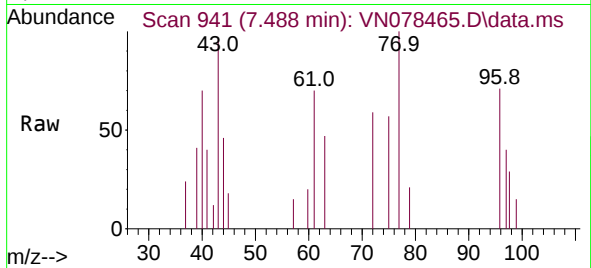


#27
 cis-1,2-Dichloroethene
 Concen: 0.376 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

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

Tgt Ion: 96 Resp: 2122

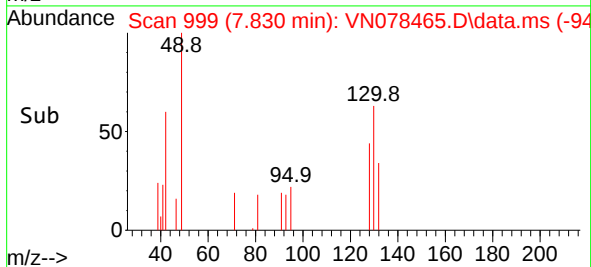
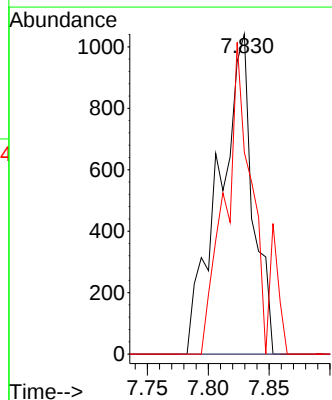
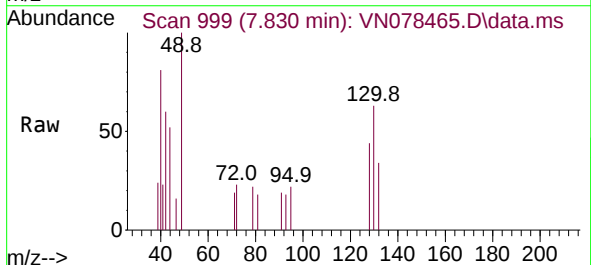
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	255.2
98	33.9	0.0	128.8

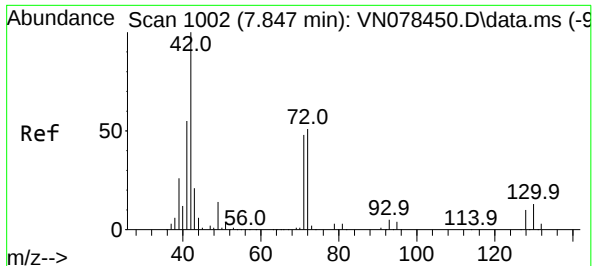


#28
 Bromochloromethane
 Concen: 0.481 ug/l
 RT: 7.830 min Scan# 999
 Delta R.T. 0.012 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

Tgt Ion: 49 Resp: 2021

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	73.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 2.296 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078465.D

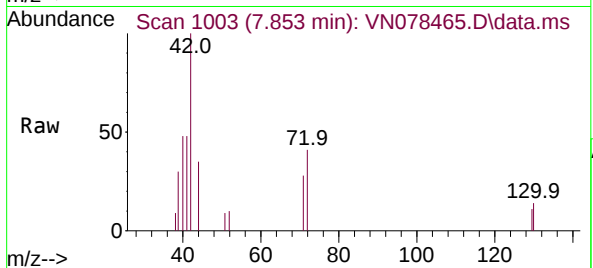
Acq: 11 Jul 2023 16:29

Instrument :

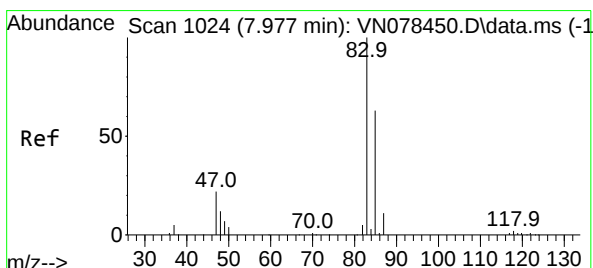
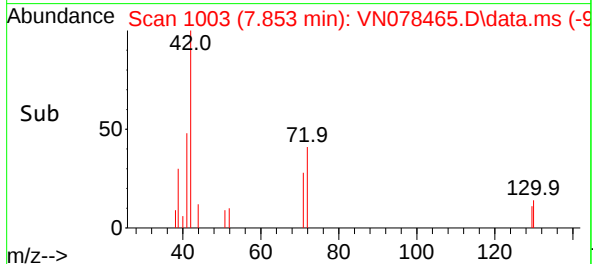
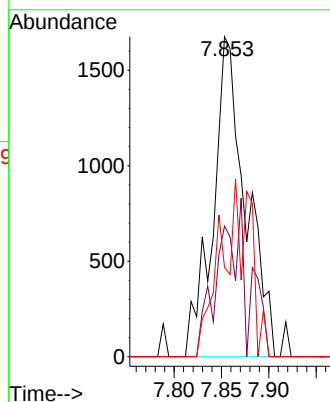
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	42	Resp:	4059
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	21.1	47.4	71.2#



#30

Chloroform

Concen: 0.473 ug/l

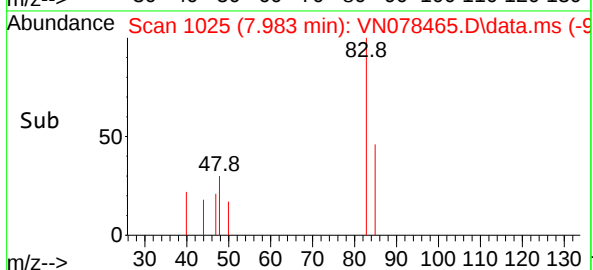
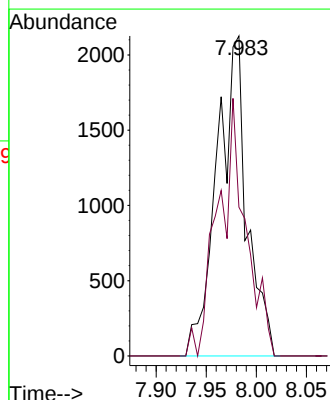
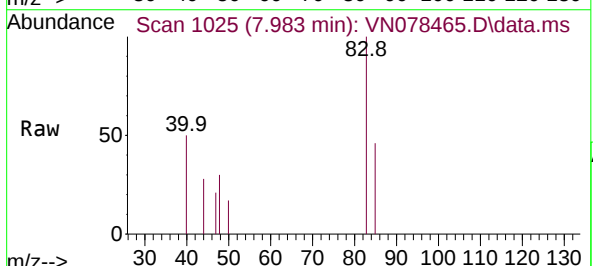
RT: 7.983 min Scan# 1025

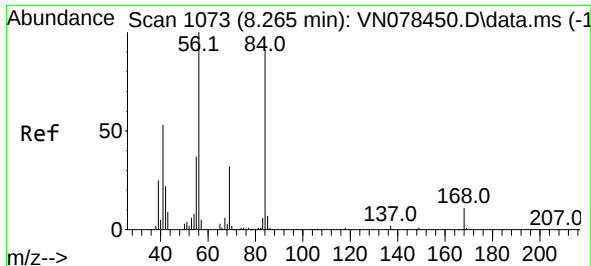
Delta R.T. 0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Tgt Ion:	83	Resp:	4390
Ion	Ratio	Lower	Upper
83	100		
85	46.5	55.4	83.0#

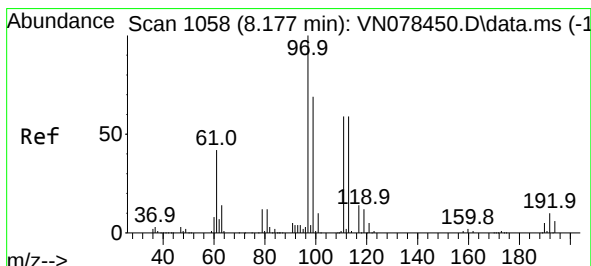
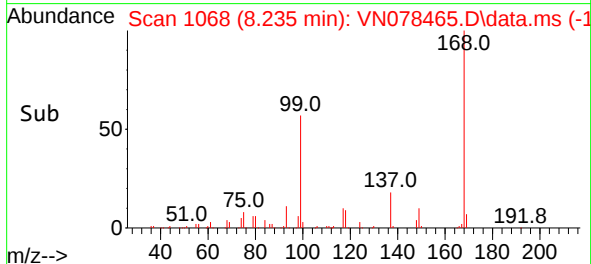
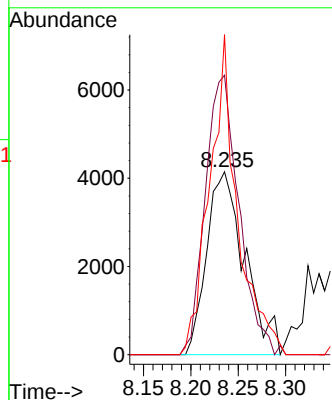
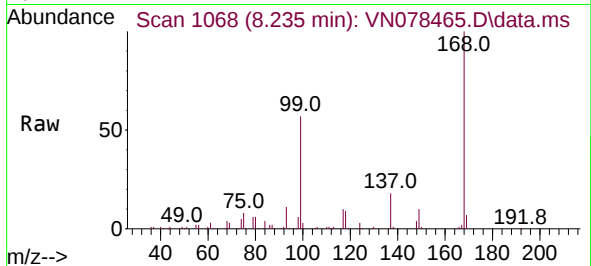




#31
Cyclohexane
Concen: 1.559 ug/l
RT: 8.235 min Scan# 1057
Delta R.T. -0.030 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

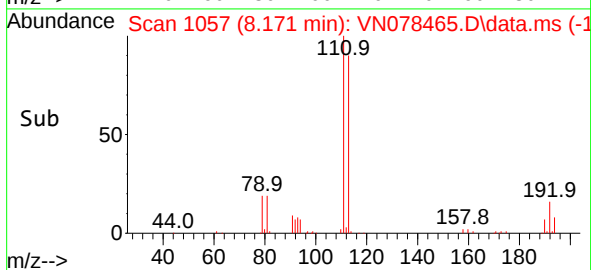
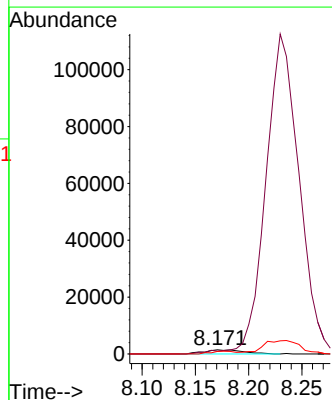
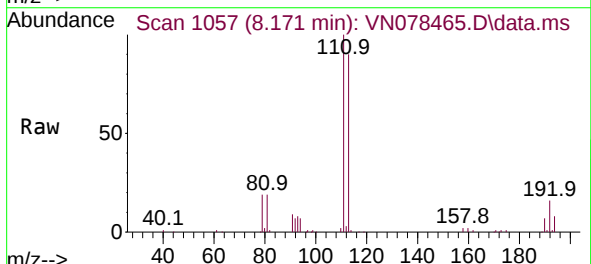
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

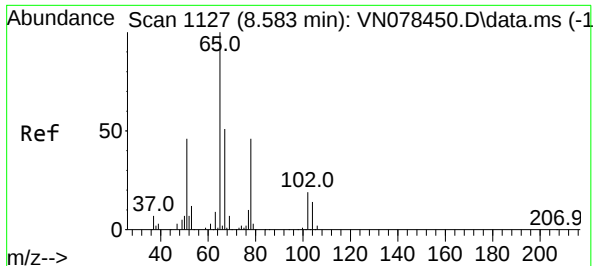
Tgt Ion: 56 Resp: 11576
Ion Ratio Lower Upper
56 100
69 152.9 26.8 40.2#
84 175.1 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.443 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 97 Resp: 3691
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 40.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.272 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

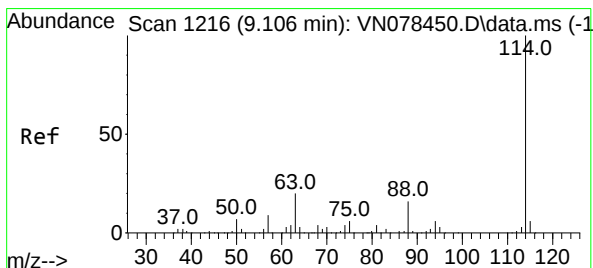
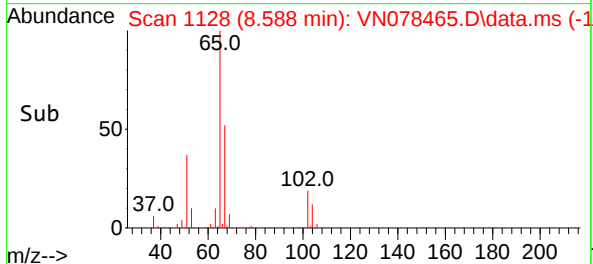
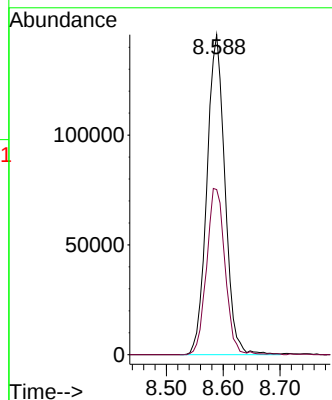
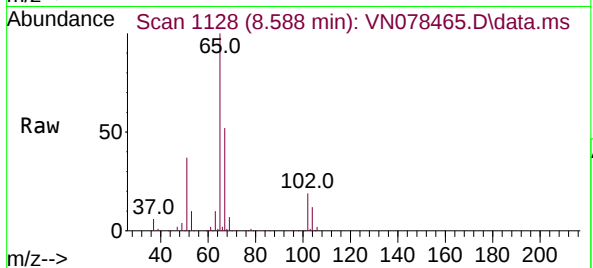
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 320227

Ion Ratio Lower Upper

65 100

67 52.7 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: VN078465.D

Acq: 11 Jul 2023 16:29

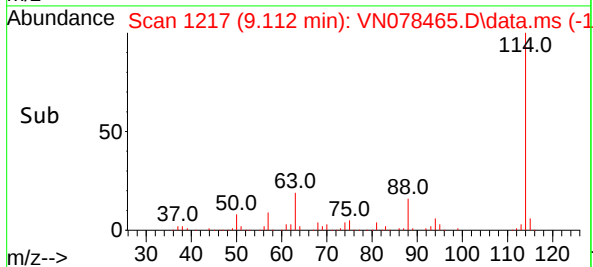
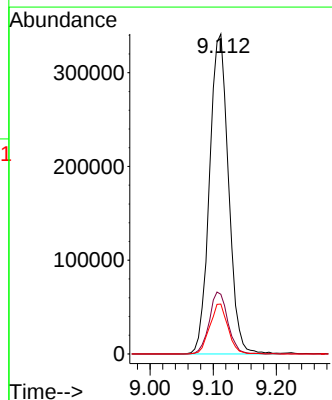
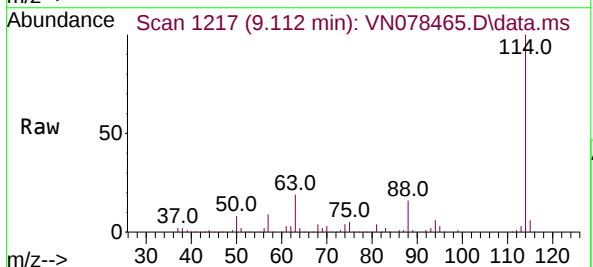
Tgt Ion: 114 Resp: 711520

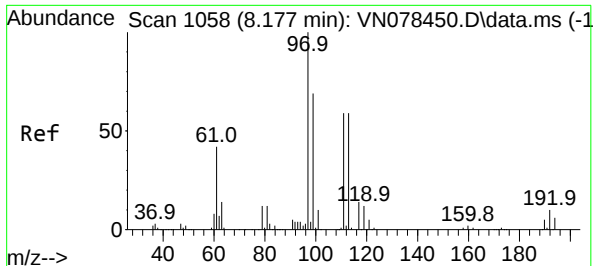
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.092 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

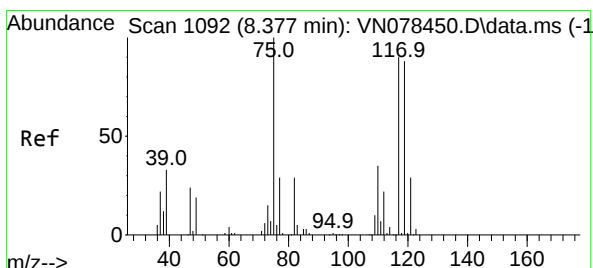
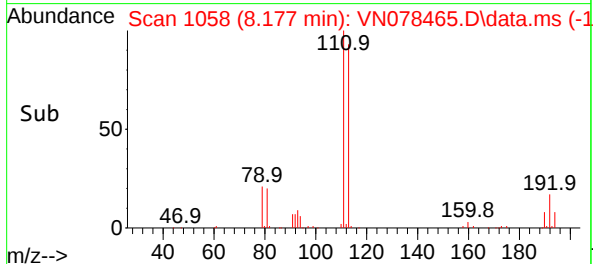
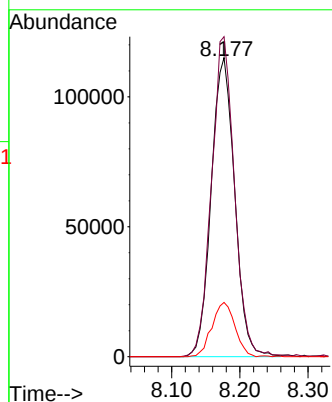
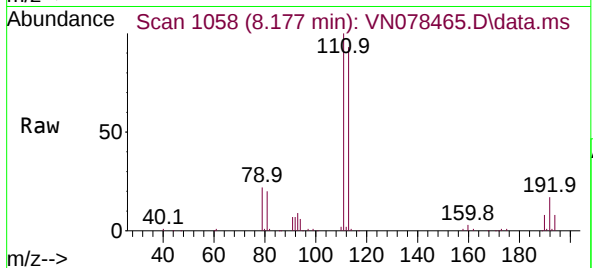
Tgt Ion:113 Resp: 275756

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 0.279 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

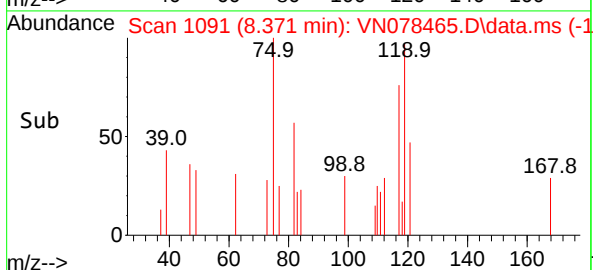
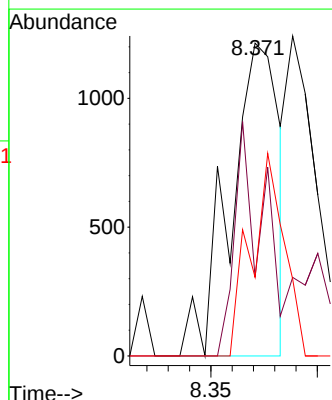
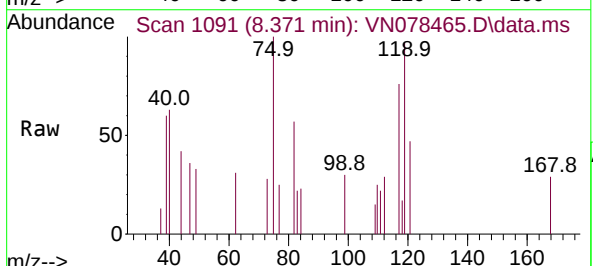
Tgt Ion: 75 Resp: 1948

Ion Ratio Lower Upper

75 100

110 53.3 19.1 57.3

77 43.3 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.087 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078465.D

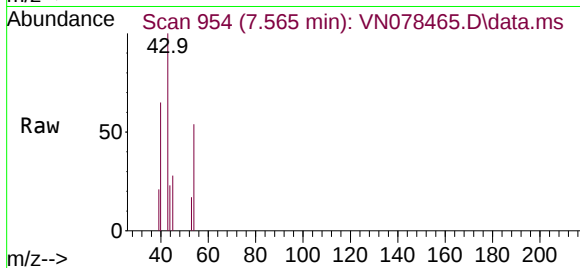
Acq: 11 Jul 2023 16:29

Instrument :

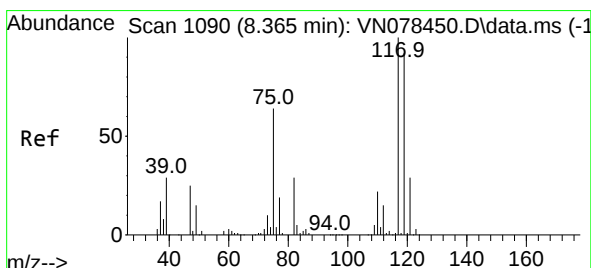
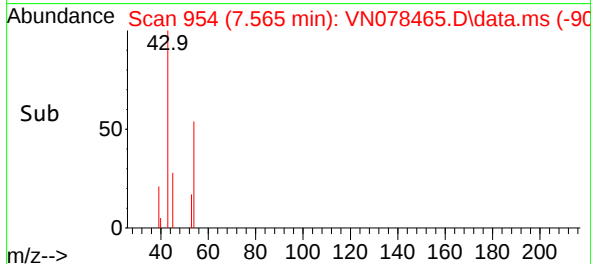
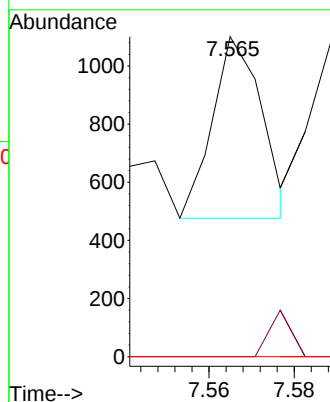
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	43	Resp:	503
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8#
70	0.0	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 0.458 ug/l

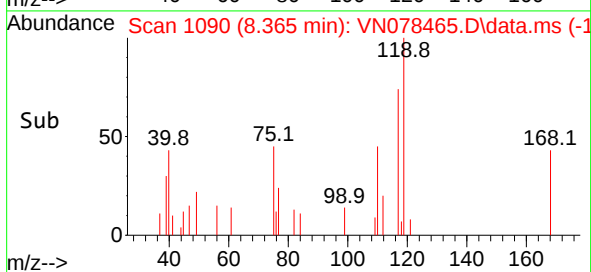
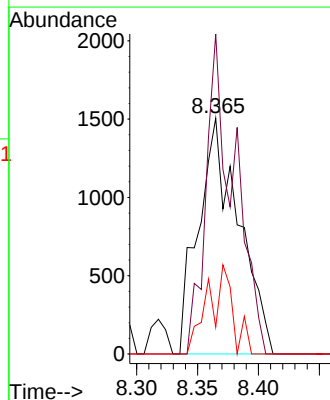
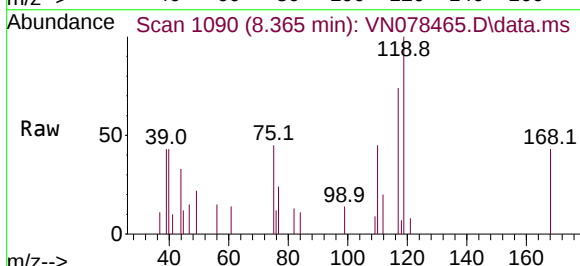
RT: 8.365 min Scan# 1090

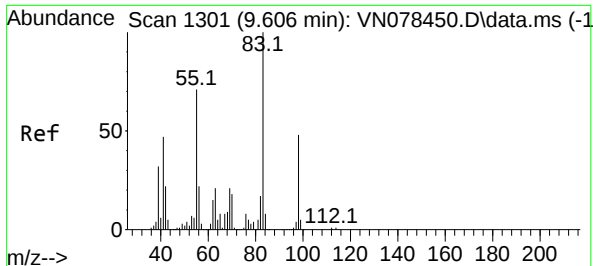
Delta R.T. -0.000 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Tgt Ion:	117	Resp:	3469
Ion	Ratio	Lower	Upper
117	100		
119	135.6	77.3	115.9#
121	11.4	23.3	34.9#





#39

Methylcyclohexane

Concen: 0.360 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

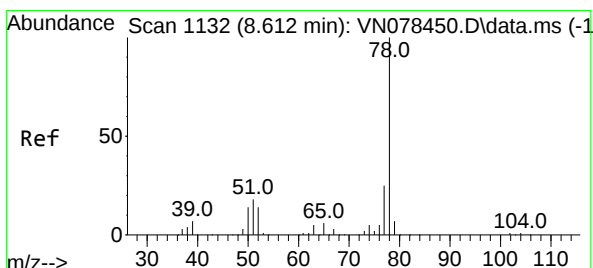
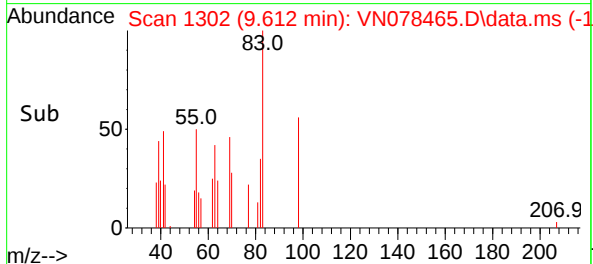
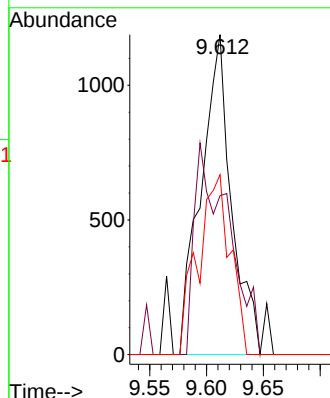
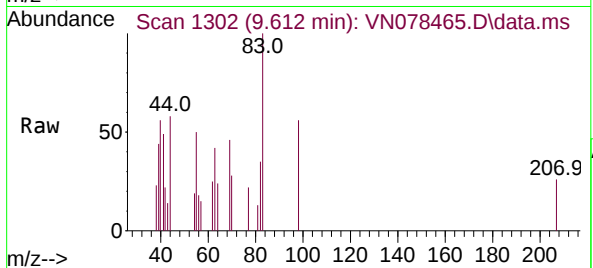
Tgt Ion: 83 Resp: 2292

Ion Ratio Lower Upper

83 100

55 49.7 49.1 73.7

98 56.2 40.6 61.0



#40

Benzene

Concen: 0.426 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078465.D

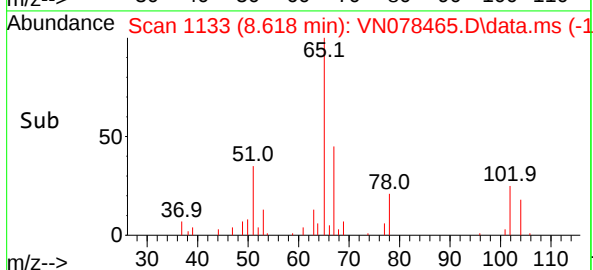
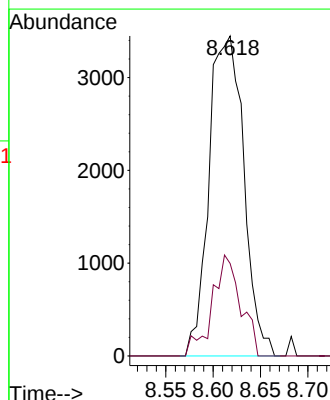
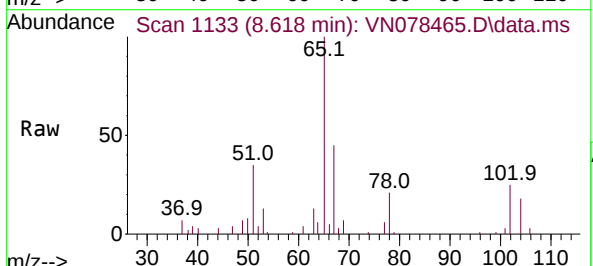
Acq: 11 Jul 2023 16:29

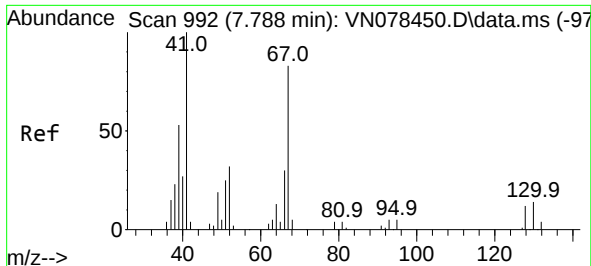
Tgt Ion: 78 Resp: 8794

Ion Ratio Lower Upper

78 100

77 28.9 19.0 28.6#

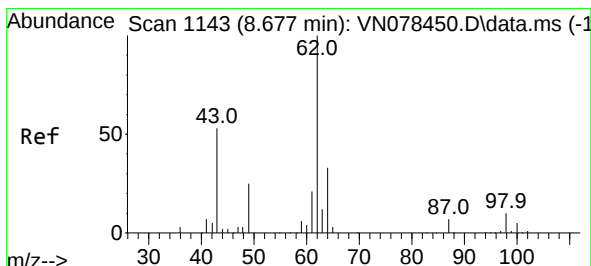
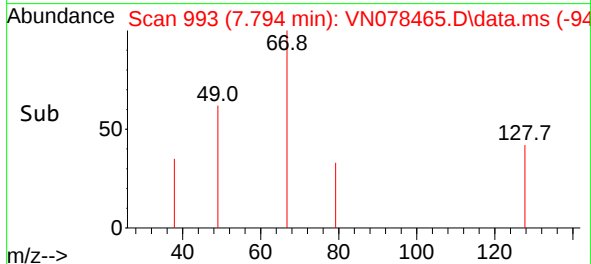
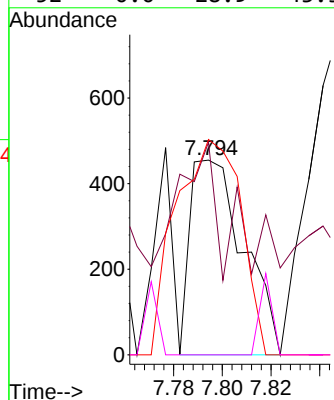
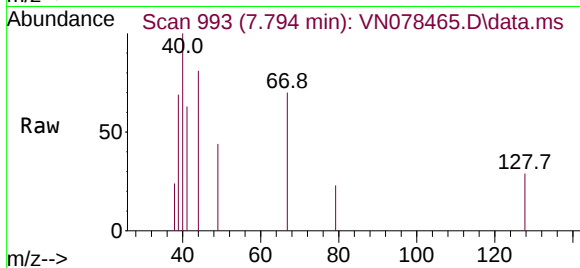




#41
Methacrylonitrile
Concen: 0.236 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

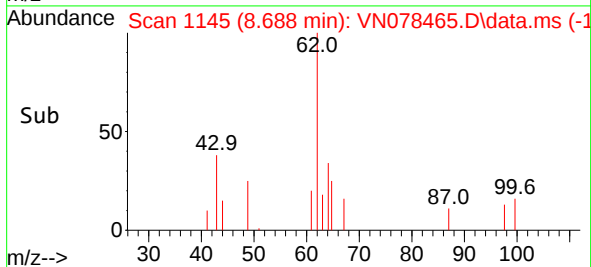
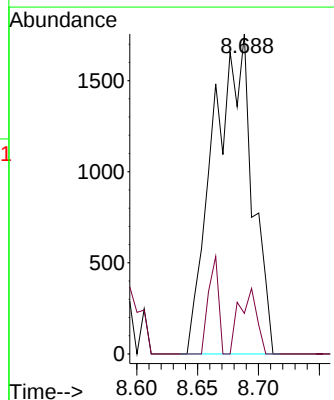
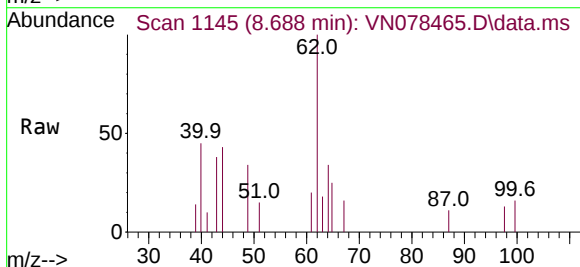
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

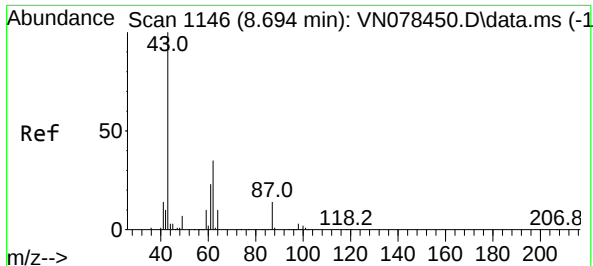
Tgt Ion: 41	Resp: 700
Ion Ratio	Lower Upper
41 100	
39 145.9	42.6 64.0#
67 133.6	77.5 116.3#
52 0.0	28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.560 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 62	Resp:	3936	
Ion Ratio	Lower	Upper	
62 100			
98 9.2	0.0	19.8	





#43

Isopropyl Acetate

Concen: 0.403 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN078465.D

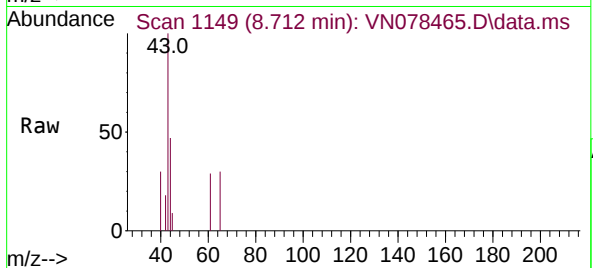
Acq: 11 Jul 2023 16:29

Instrument :

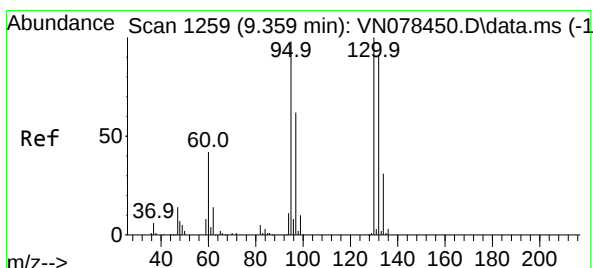
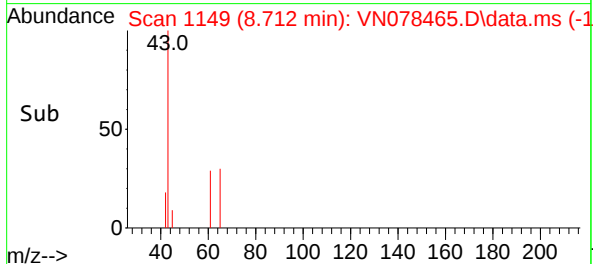
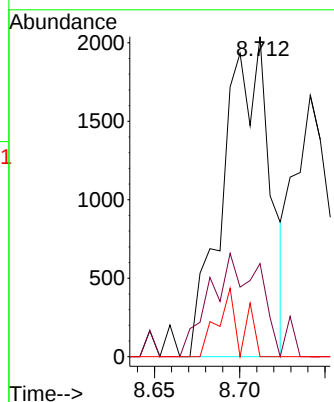
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	43	Resp:	3860
Ion	Ratio	Lower	Upper
43	100		
61	36.0	24.7	37.1
87	10.9	14.6	21.8



#44

Trichloroethene

Concen: 0.425 ug/l

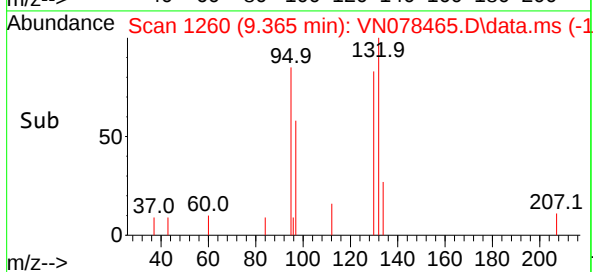
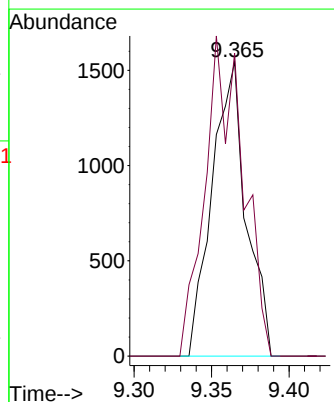
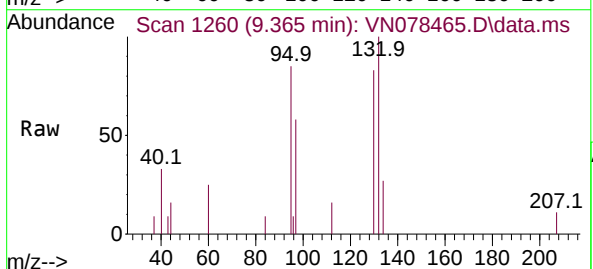
RT: 9.365 min Scan# 1260

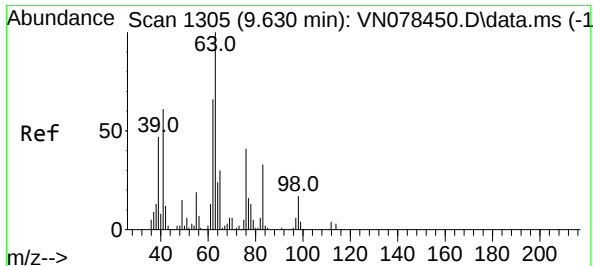
Delta R.T. 0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Tgt Ion:	130	Resp:	2367
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	204.6





#45

1,2-Dichloropropane

Concen: 0.504 ug/l

RT: 9.635 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

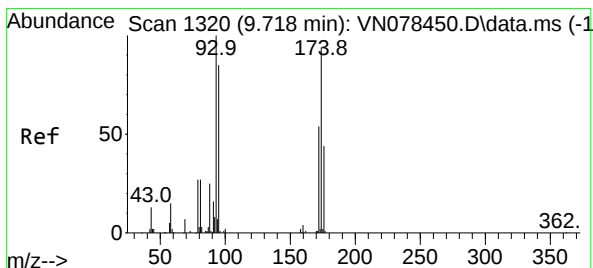
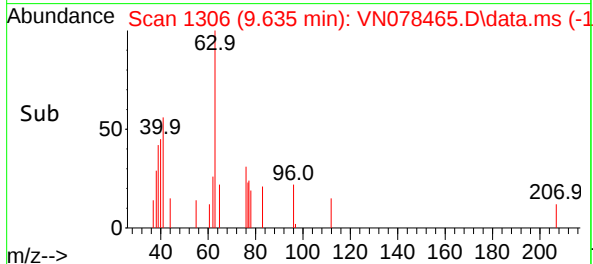
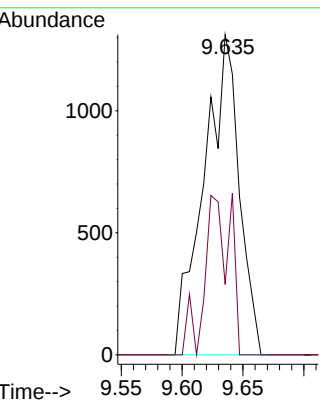
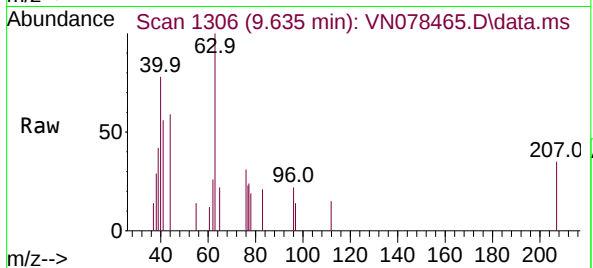
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 2639

Ion Ratio Lower Upper

63 100

65 22.0 23.9 35.9#



#46

Dibromomethane

Concen: 0.365 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

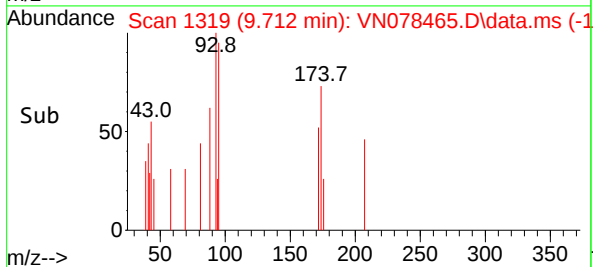
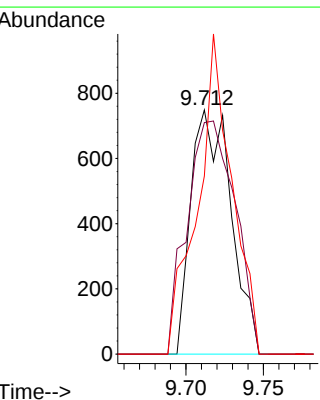
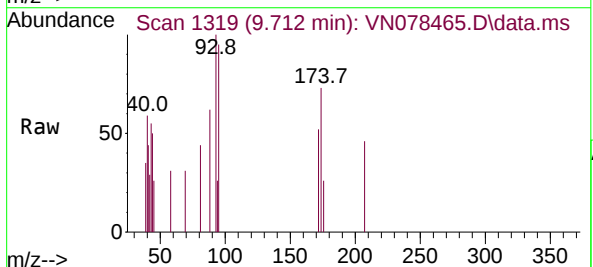
Tgt Ion: 93 Resp: 1345

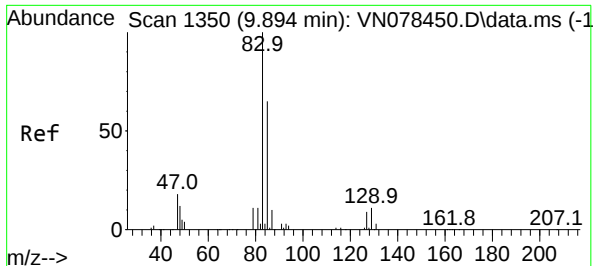
Ion Ratio Lower Upper

93 100

95 114.7 63.8 95.8#

174 112.6 65.6 98.4#





#47

Bromodichloromethane

Concen: 0.377 ug/l

RT: 9.900 min Scan# 1351

Delta R.T. 0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

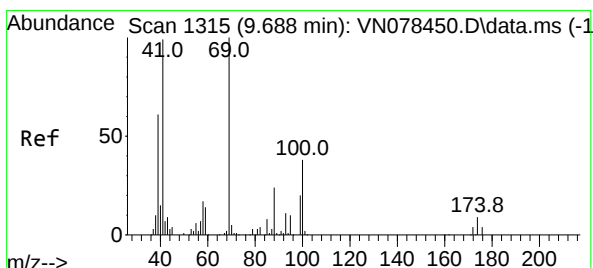
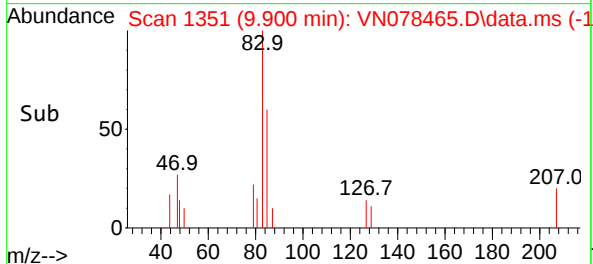
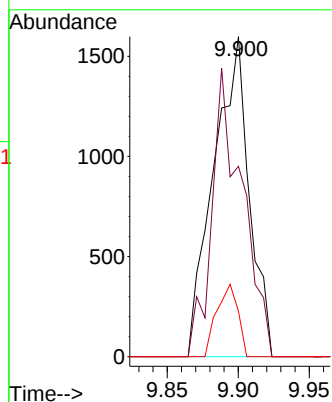
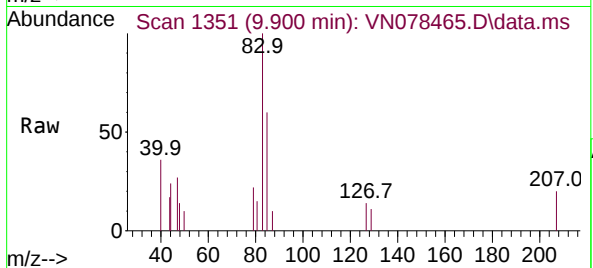
Tgt Ion: 83 Resp: 2781

Ion Ratio Lower Upper

83 100

85 59.5 49.6 74.4

127 14.3 7.0 10.6#



#48

Methyl methacrylate

Concen: 0.406 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

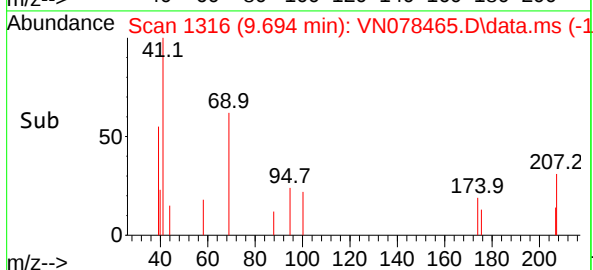
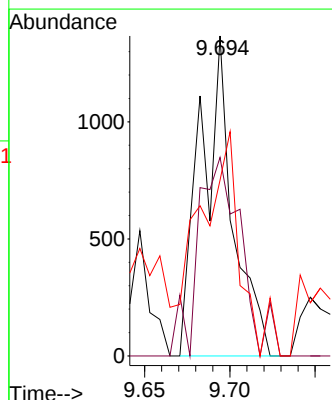
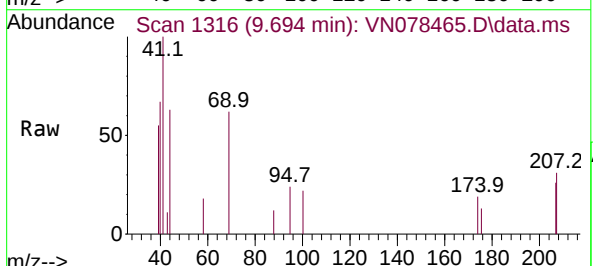
Tgt Ion: 41 Resp: 1800

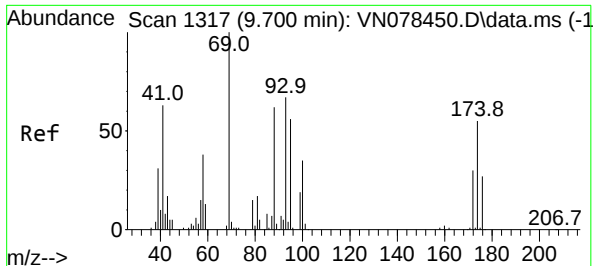
Ion Ratio Lower Upper

41 100

69 82.9 90.4 135.6#

39 88.7 54.6 81.8#





#49

1,4-Dioxane

Concen: 4.819 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078465.D

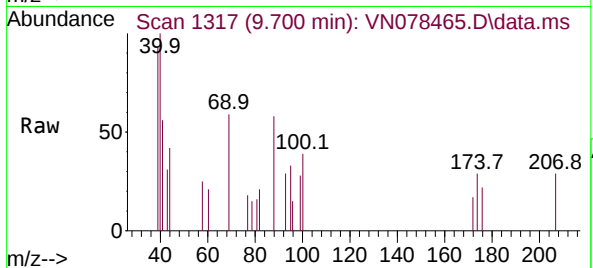
Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



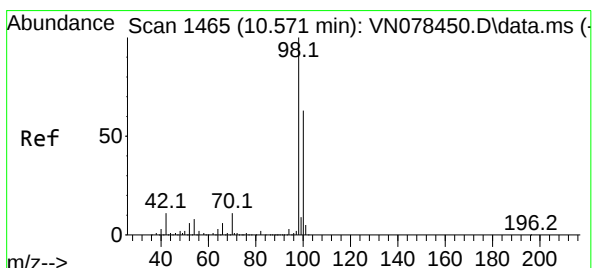
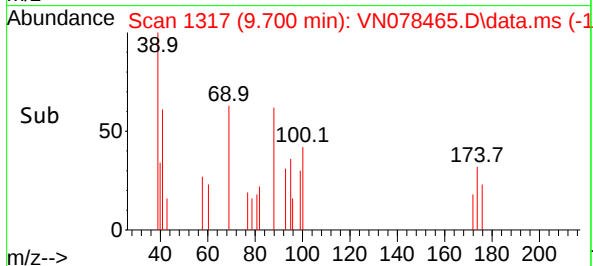
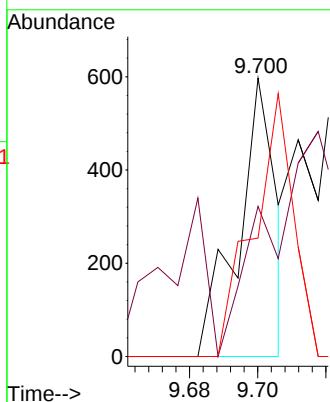
Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 98.5 47.0 70.4#



#50

Toluene-d8

Concen: 53.975 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078465.D

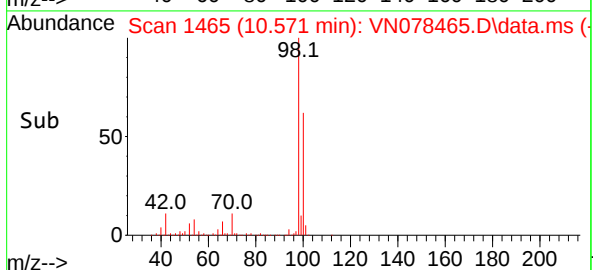
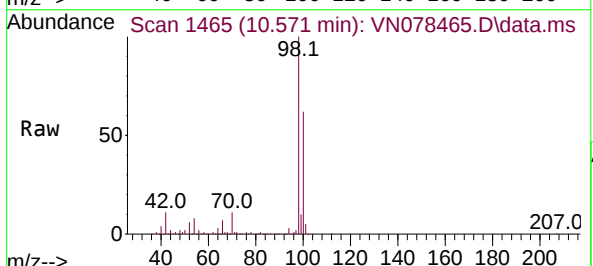
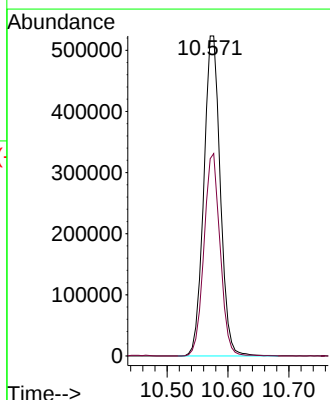
Acq: 11 Jul 2023 16:29

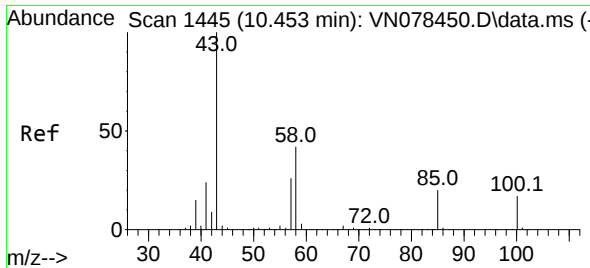
Tgt Ion: 98 Resp: 984842

Ion Ratio Lower Upper

98 100

100 62.0 52.0 78.0

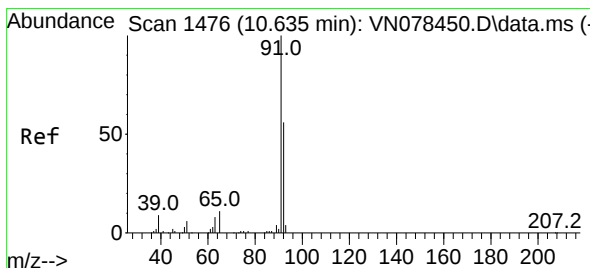
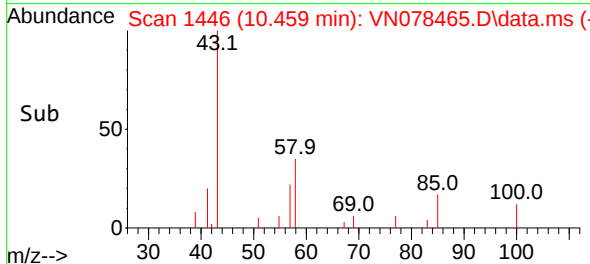
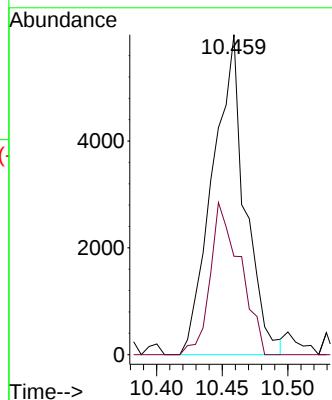
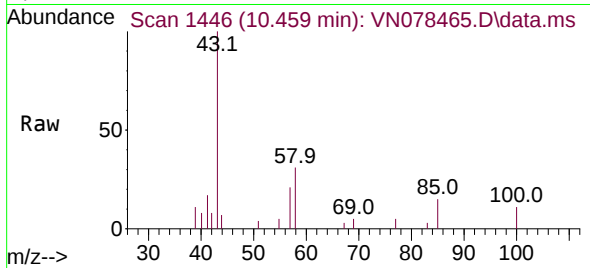




#51
4-Methyl-2-Pentanone
Concen: 1.820 ug/l
RT: 10.459 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

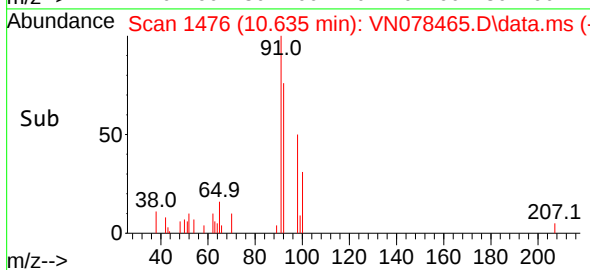
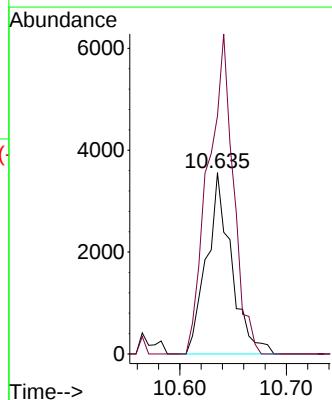
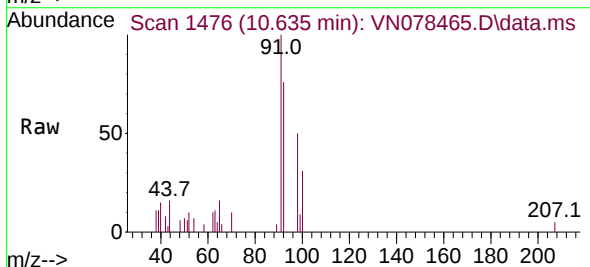
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

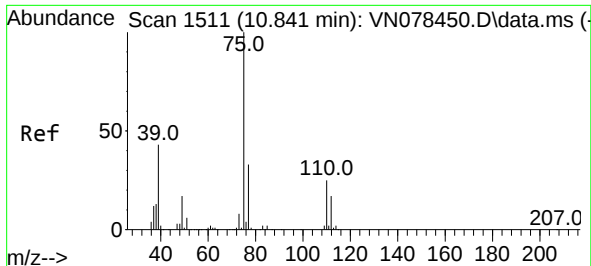
Tgt Ion: 43 Resp: 10362
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8



#52
Toluene
Concen: 0.448 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 92 Resp: 5743
Ion Ratio Lower Upper
92 100
91 180.5 137.4 206.0

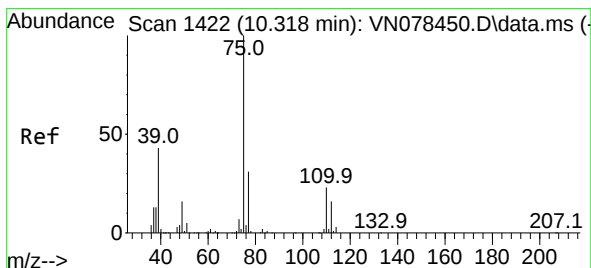
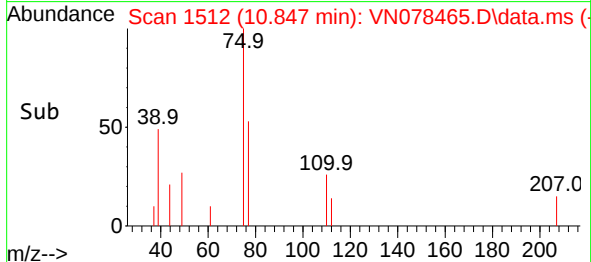
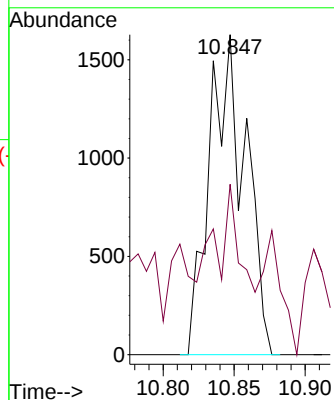
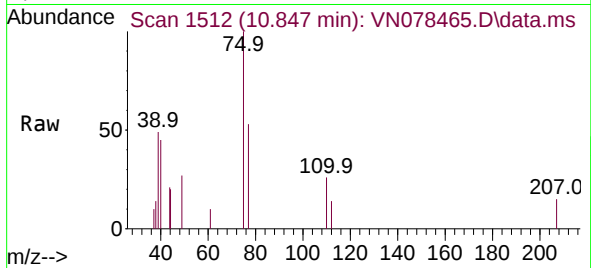




#53
 t-1,3-Dichloropropene
 Concen: 0.380 ug/l
 RT: 10.847 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

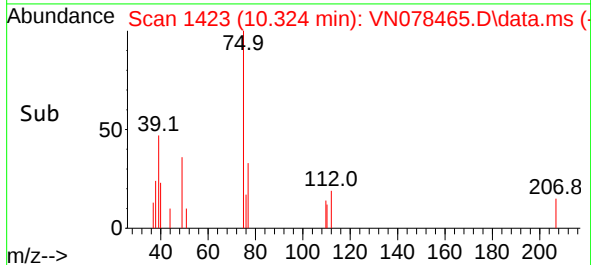
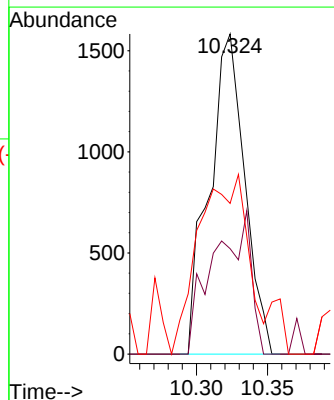
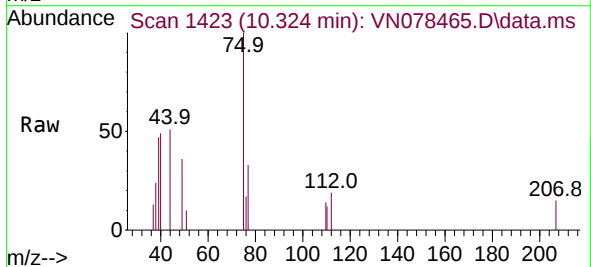
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

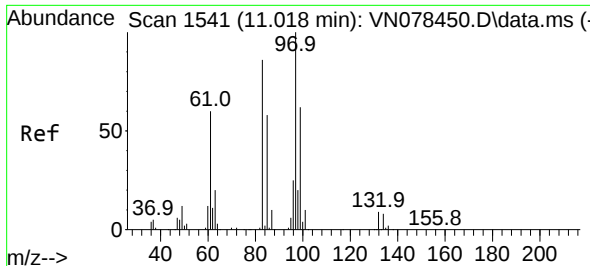
Tgt Ion: 75 Resp: 2876
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.342 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

Tgt Ion: 75 Resp: 2755
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 39 36.4 31.6 47.4

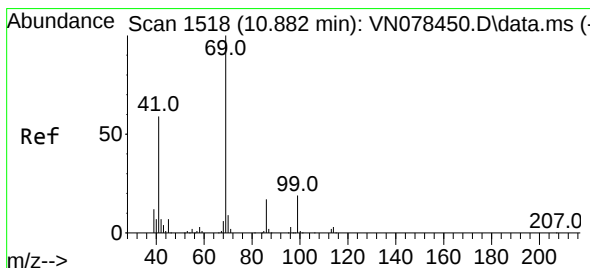
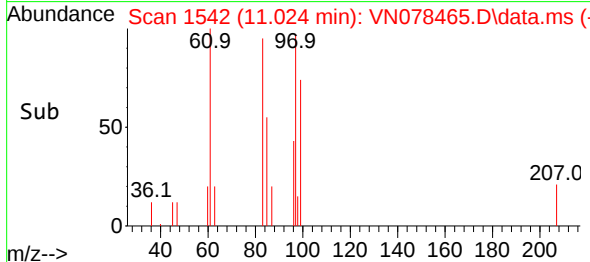
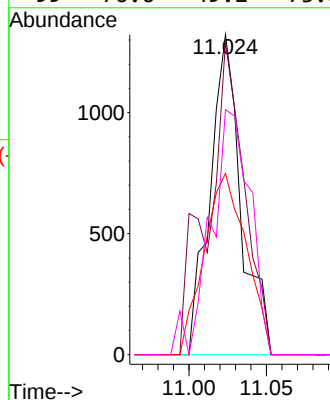
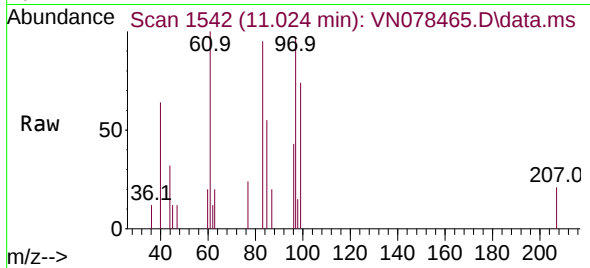




#55
1,1,2-Trichloroethane
Concen: 0.365 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

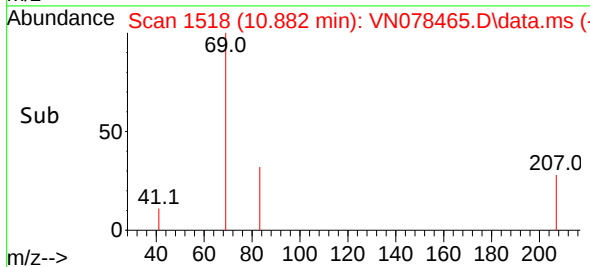
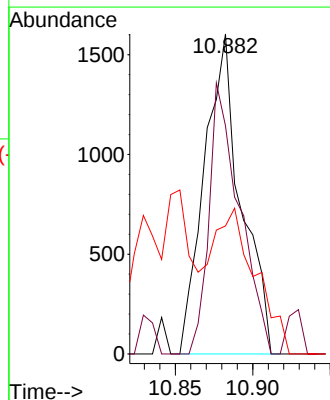
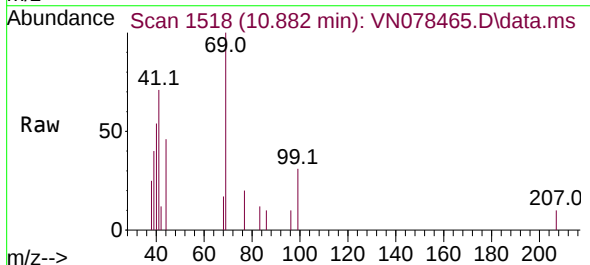
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

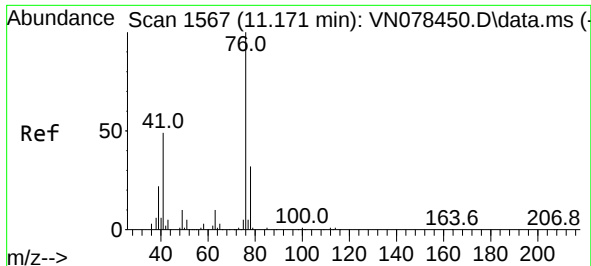
Tgt Ion: 97	Resp: 1841
Ion Ratio	Lower Upper
97 100	
83 97.7	65.1 97.7#
85 56.7	43.4 65.2
99 76.6	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.374 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 69	Resp: 2636
Ion Ratio	Lower Upper
69 100	
41 70.4	39.6 59.4#
39 55.0	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.418 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

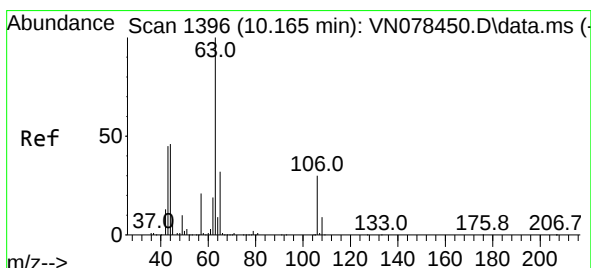
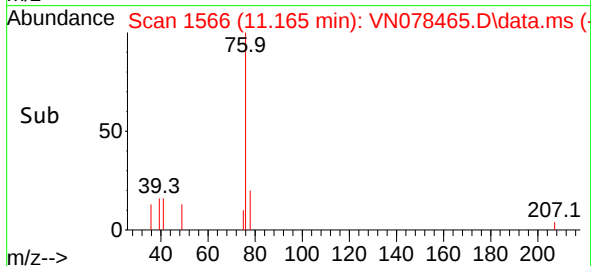
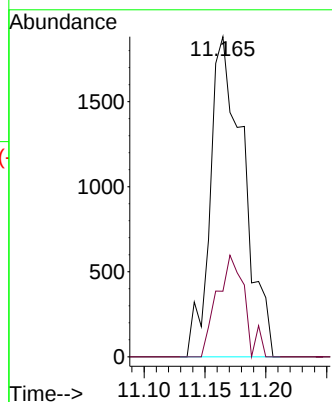
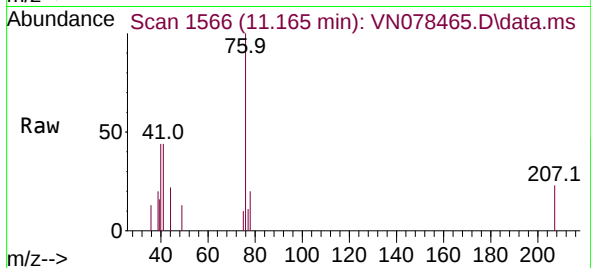
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 3585

Ion Ratio Lower Upper

76 100

78 26.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 2.362 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078465.D

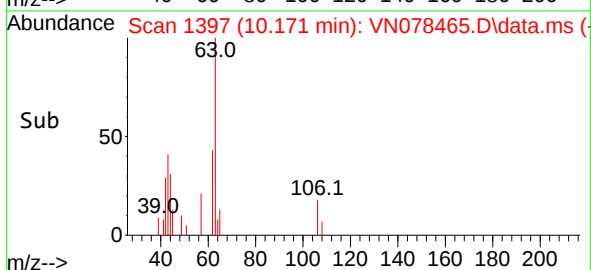
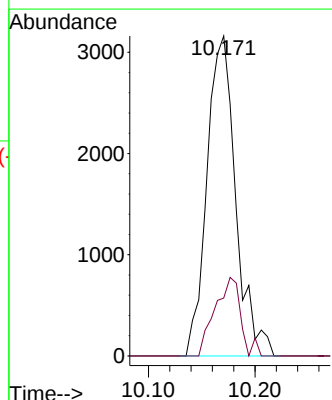
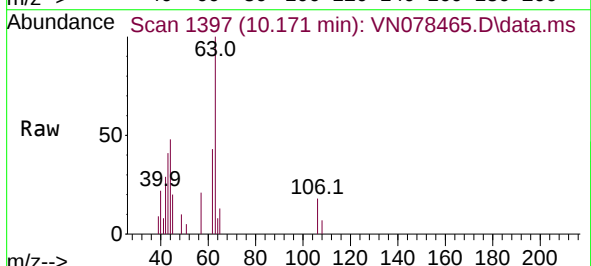
Acq: 11 Jul 2023 16:29

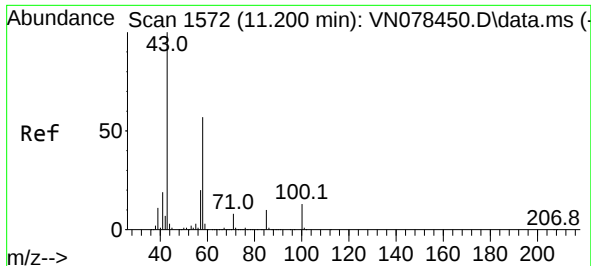
Tgt Ion: 63 Resp: 5937

Ion Ratio Lower Upper

63 100

106 21.9 26.2 39.4#

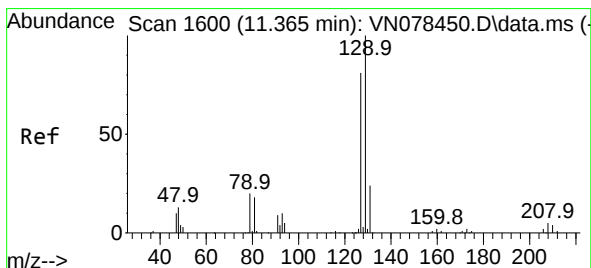
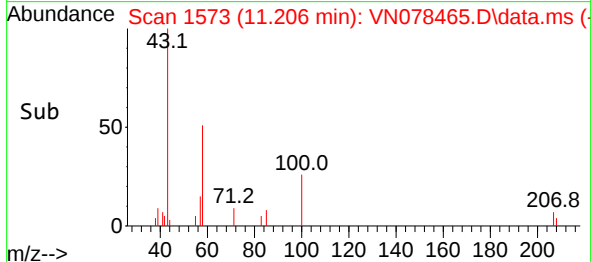
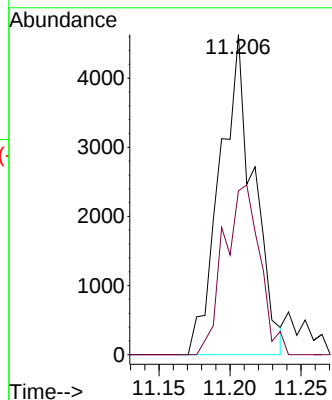
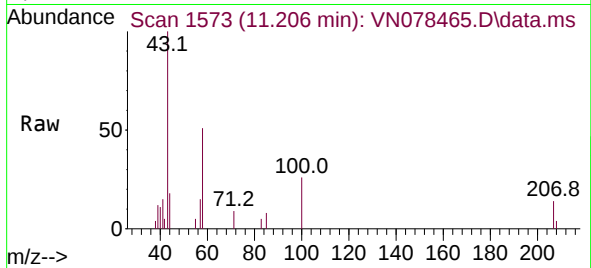




#59
2-Hexanone
Concen: 1.894 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

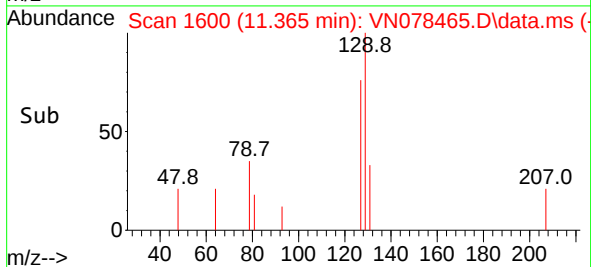
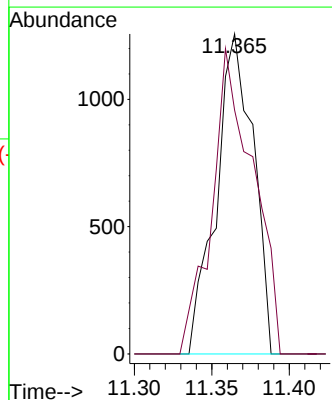
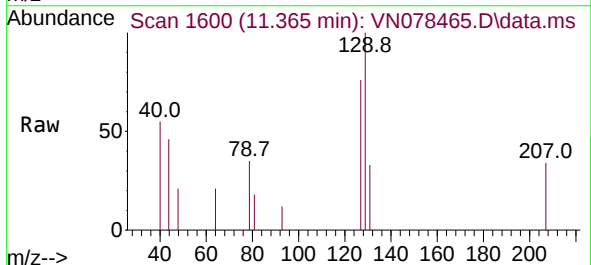
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

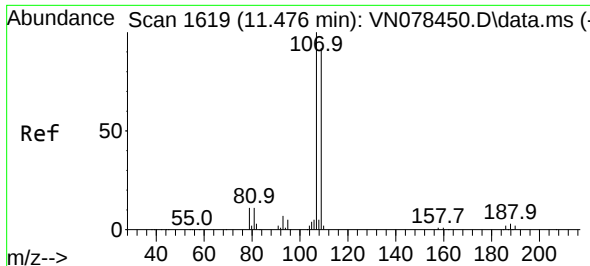
Tgt Ion: 43 Resp: 7665
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1



#60
Dibromochloromethane
Concen: 0.375 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 129 Resp: 2090
Ion Ratio Lower Upper
129 100
127 106.2 38.6 116.0

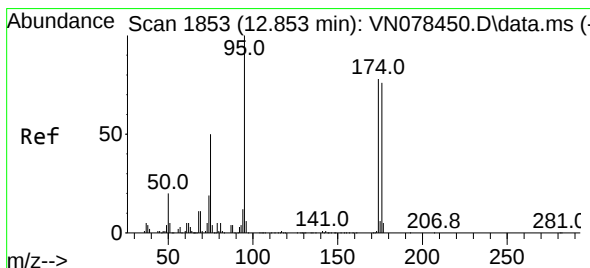
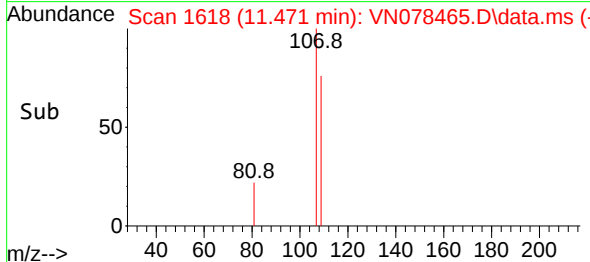
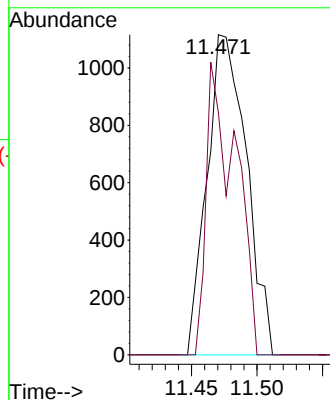
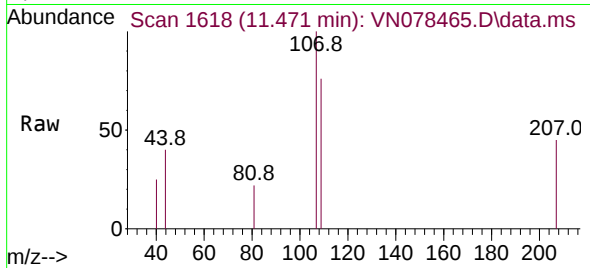




#61
1,2-Dibromoethane
Concen: 0.449 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

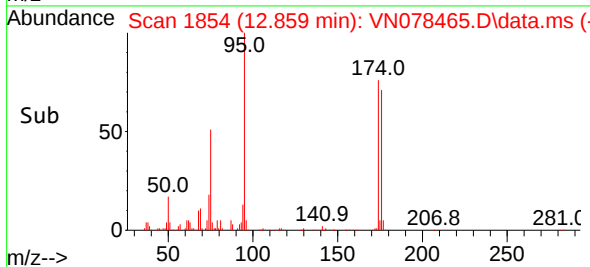
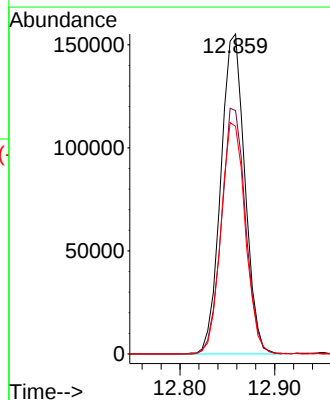
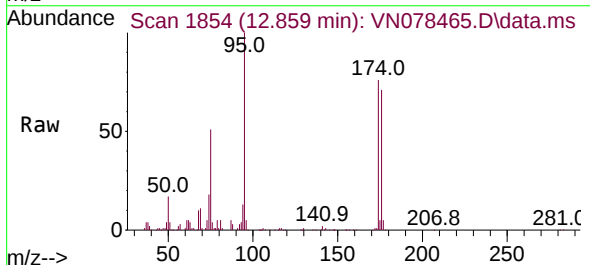
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

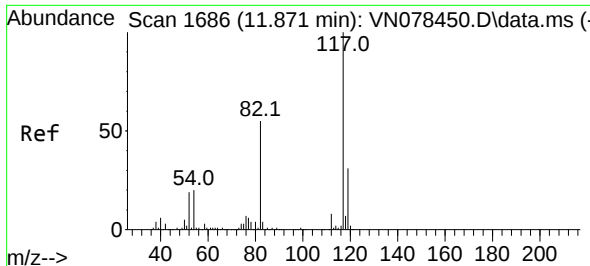
Tgt Ion:107 Resp: 2332
Ion Ratio Lower Upper
107 100
109 68.2 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 48.695 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 95 Resp: 273681
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.1 0.0 135.8

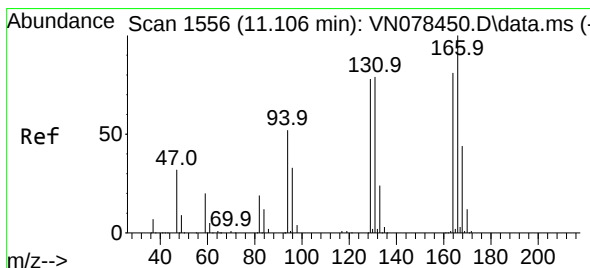
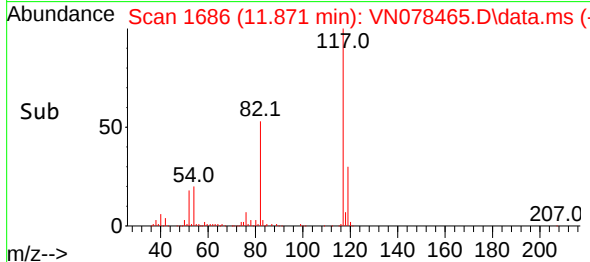
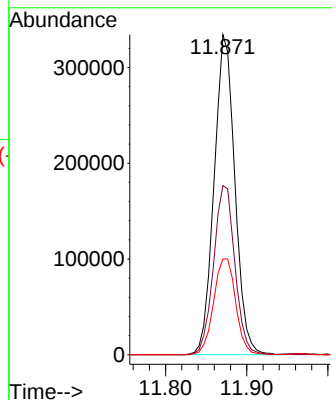
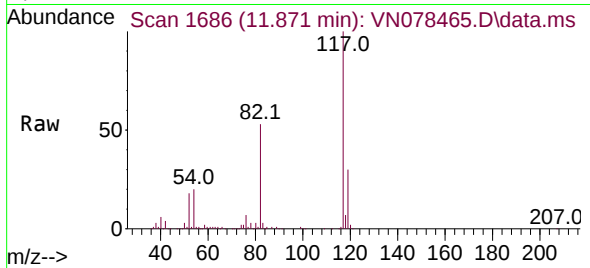




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

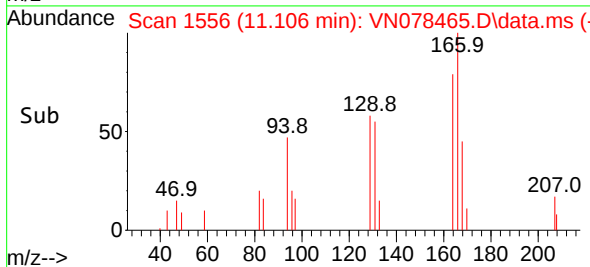
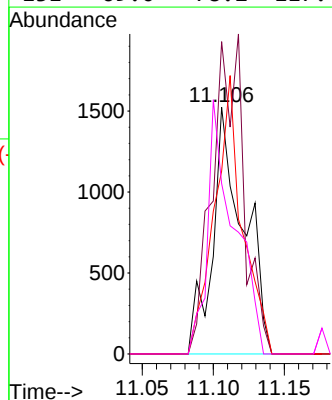
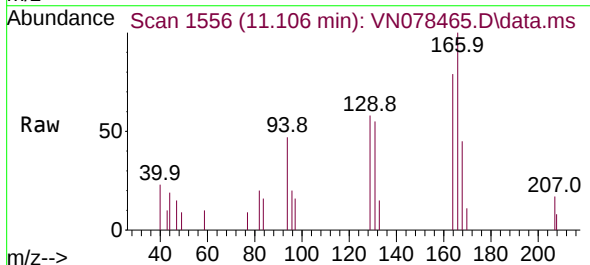
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

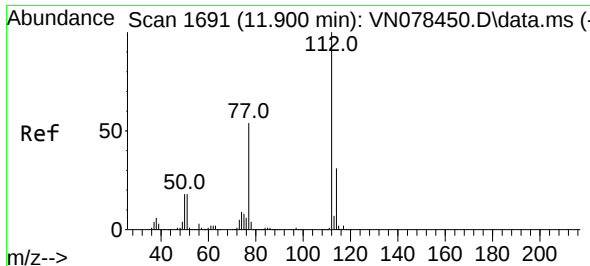
Tgt Ion:117 Resp: 595227
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 29.9 25.6 38.4



#64
Tetrachloroethene
Concen: 0.515 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:164 Resp: 2305
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 74.0 82.4 123.6#
131 69.0 78.2 117.4#

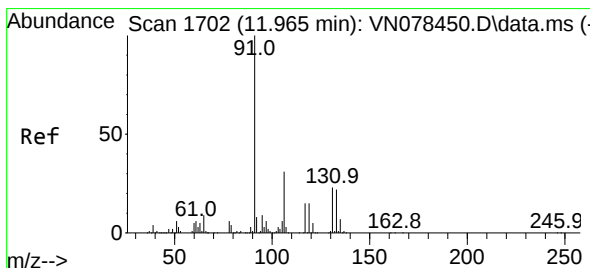
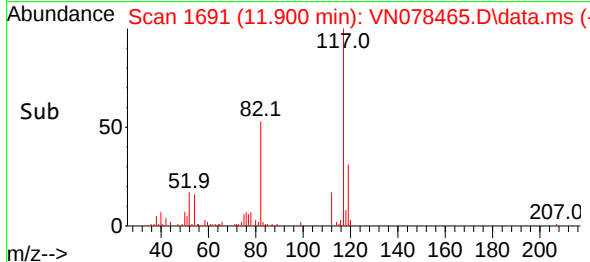
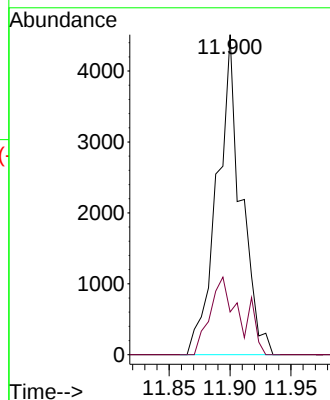
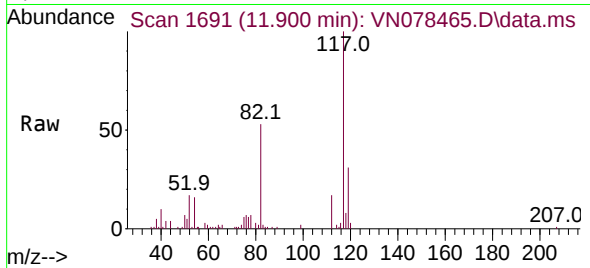




#65
Chlorobenzene
Concen: 0.466 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

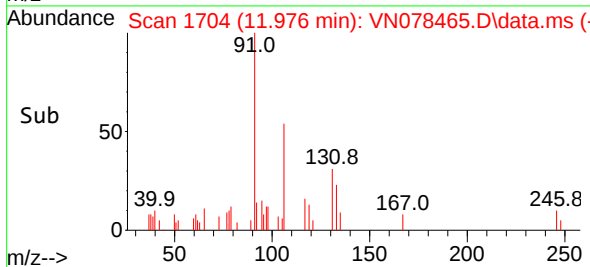
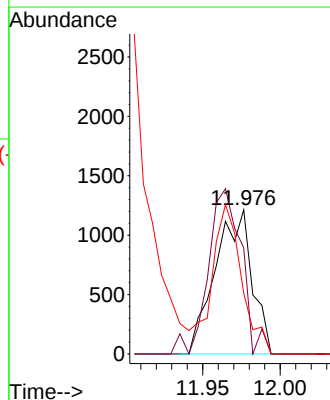
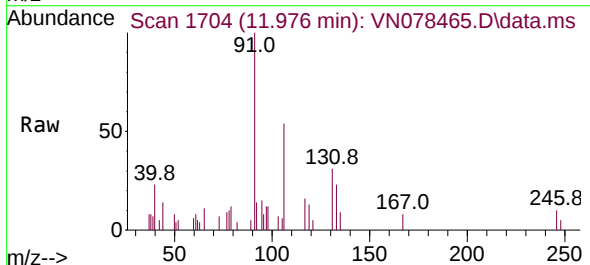
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

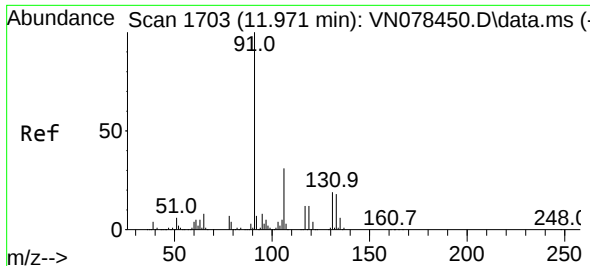
Tgt Ion:112 Resp: 6201
Ion Ratio Lower Upper
112 100
114 13.4 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.392 ug/l
RT: 11.976 min Scan# 1704
Delta R.T. 0.011 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:131 Resp: 2006
Ion Ratio Lower Upper
131 100
133 102.9 46.4 139.1
119 0.0 34.1 102.2#

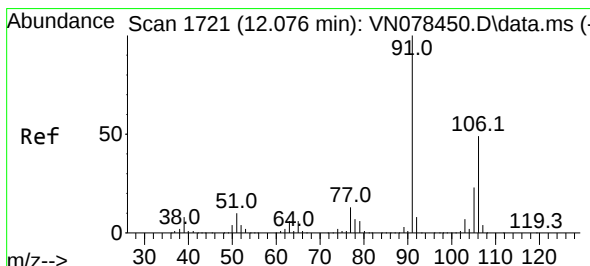
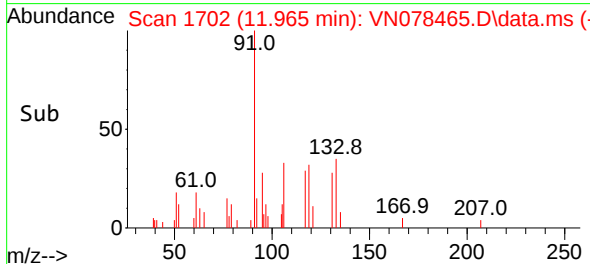
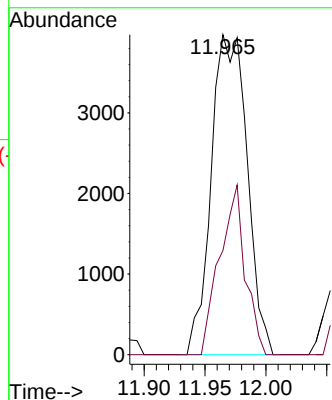
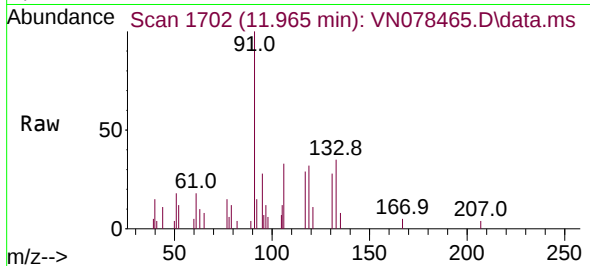




#67
Ethyl Benzene
Concen: 0.362 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

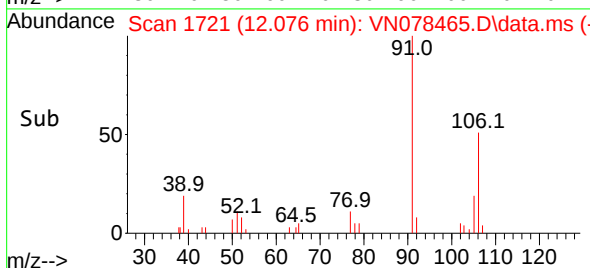
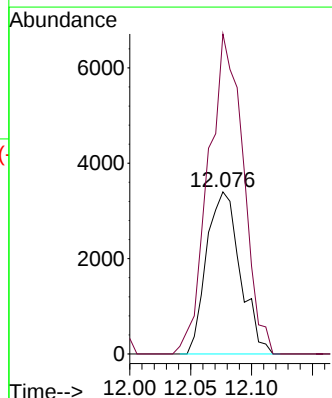
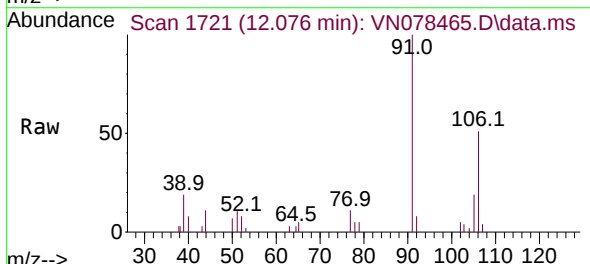
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

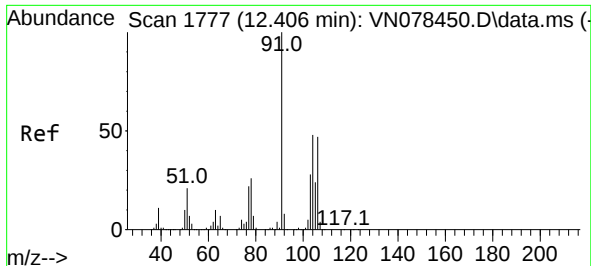
Tgt Ion: 91 Resp: 8135
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 106 Resp: 6551
Ion Ratio Lower Upper
106 100
91 204.5 159.6 239.4

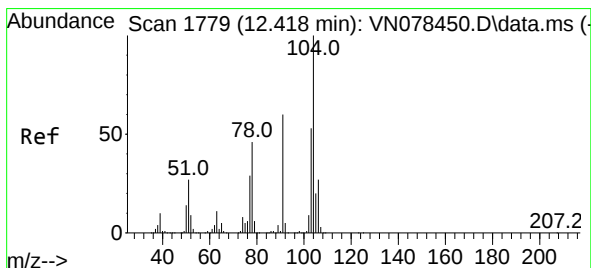
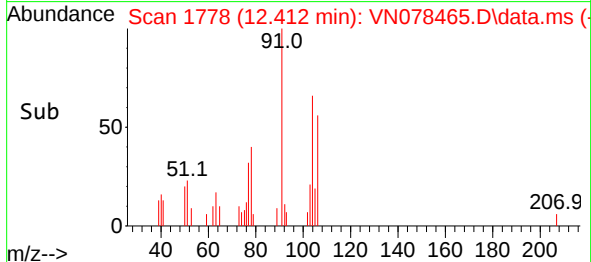
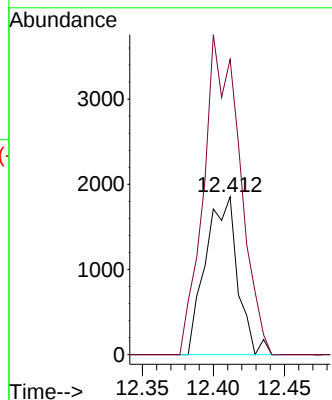
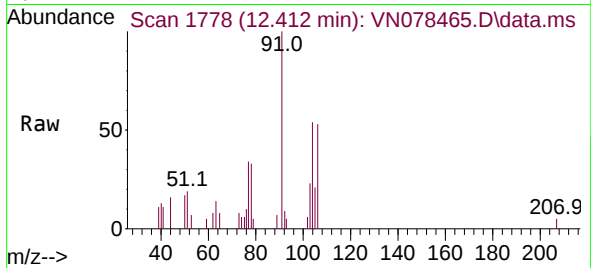




#69
o-Xylene
Concen: 0.345 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

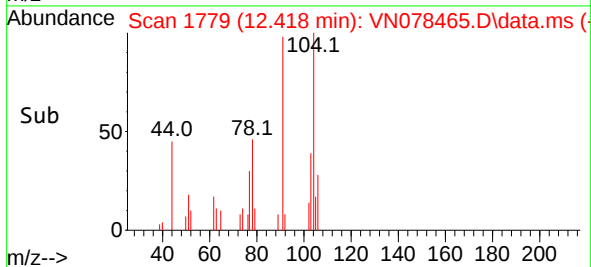
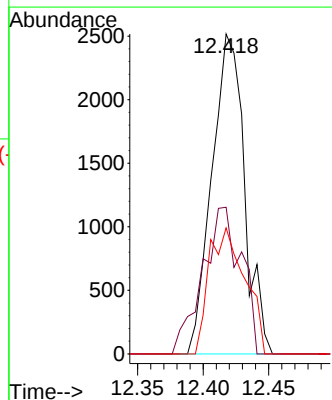
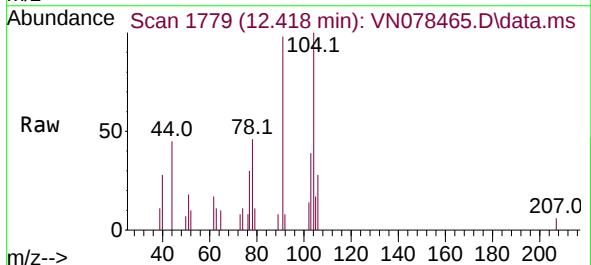
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

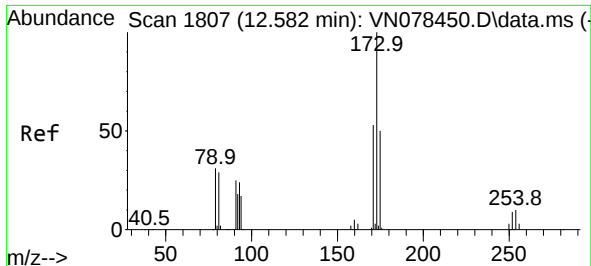
Tgt Ion:106 Resp: 2896
Ion Ratio Lower Upper
106 100
91 229.1 105.2 315.5



#70
Styrene
Concen: 0.330 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:104 Resp: 4341
Ion Ratio Lower Upper
104 100
78 54.6 39.5 59.3
103 43.7 43.2 64.8

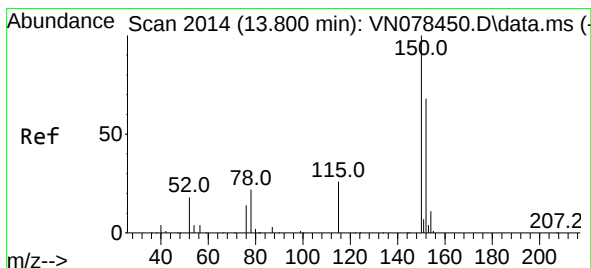
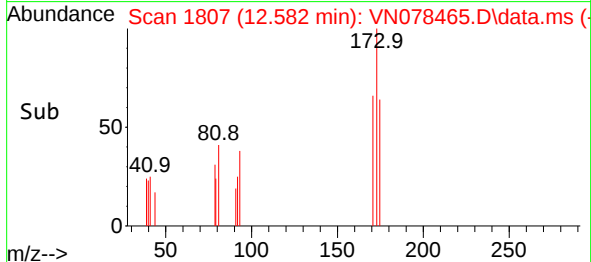
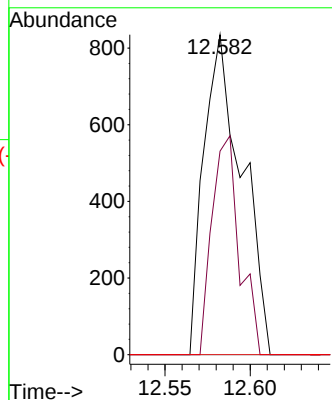
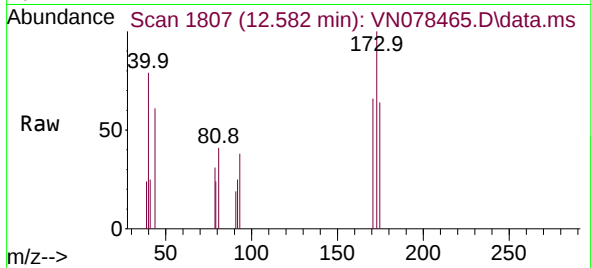




#71
Bromoform
Concen: 0.377 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

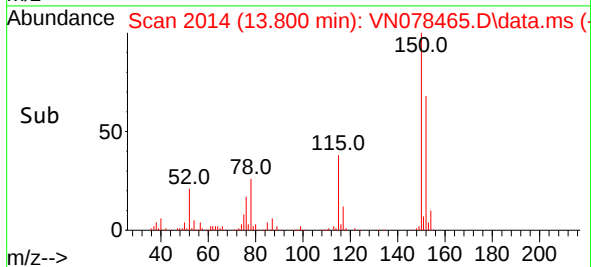
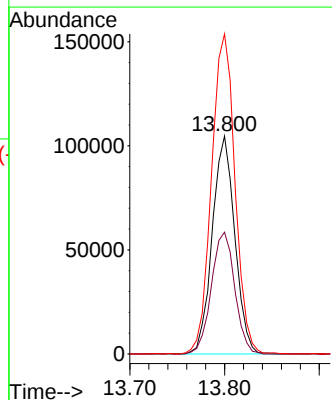
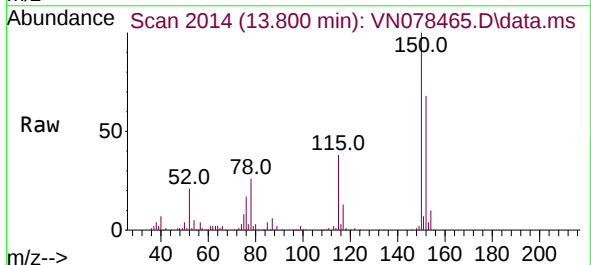
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

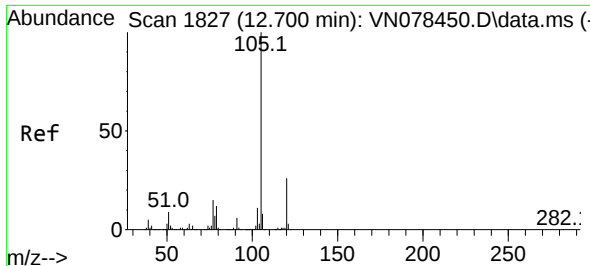
Tgt Ion:173 Resp: 1306
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:152 Resp: 173059
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 152.8 0.0 355.8

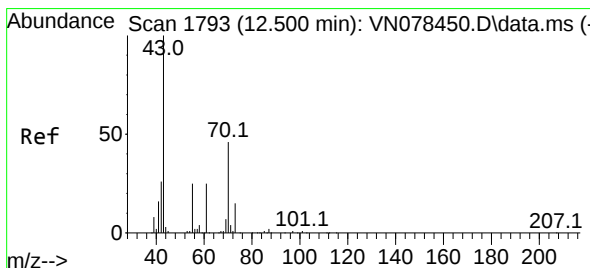
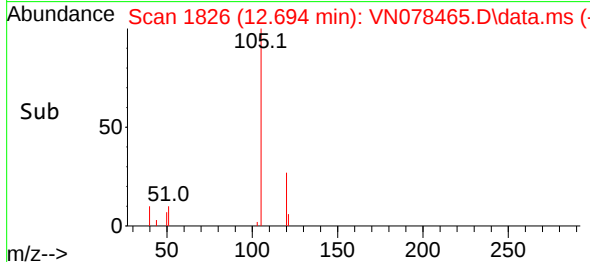
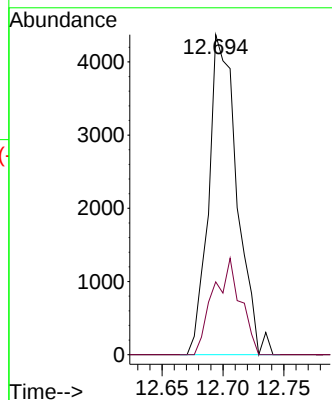
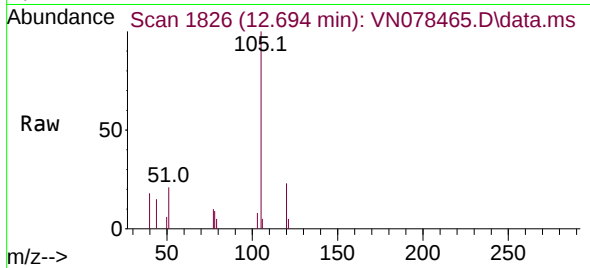




#73
Isopropylbenzene
Concen: 0.436 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

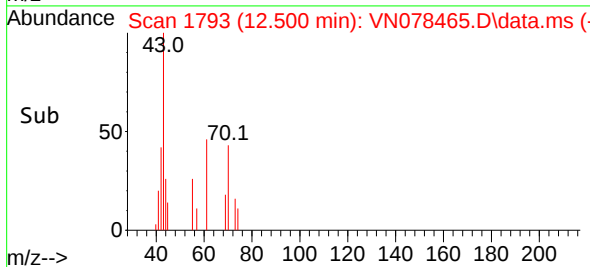
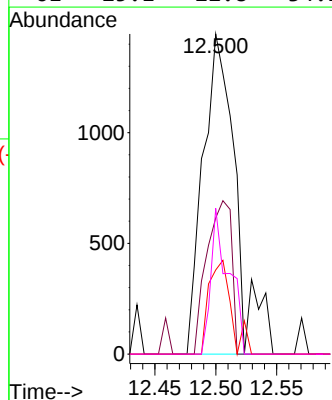
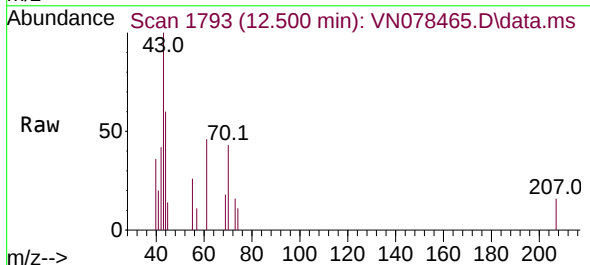
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

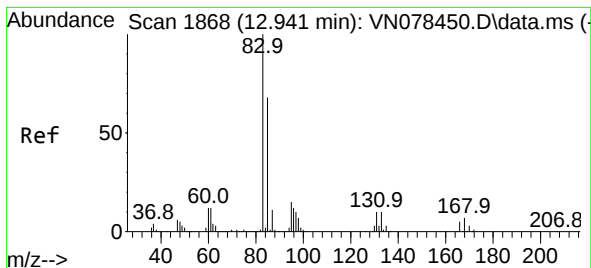
Tgt Ion:105 Resp: 7094
Ion Ratio Lower Upper
105 100
120 29.1 13.1 39.1



#74
N-ethyl acetate
Concen: 0.485 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
70 36.2 43.4 65.2#
55 19.6 21.4 32.0#
61 25.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.617 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

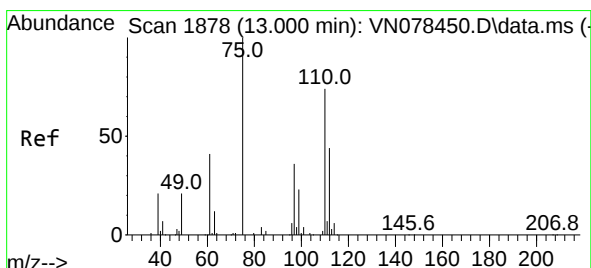
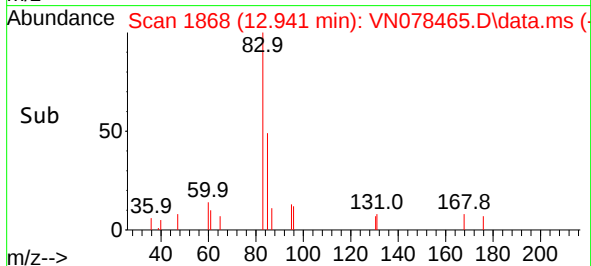
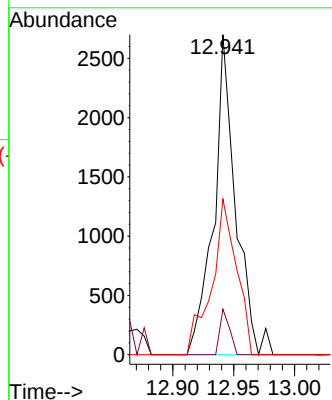
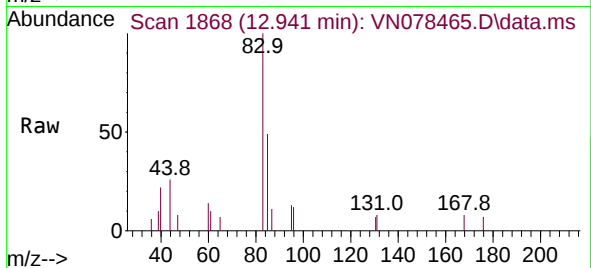
Tgt Ion: 83 Resp: 3387

Ion Ratio Lower Upper

83 100

131 6.2 5.0 15.0

85 55.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 0.874 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN078465.D

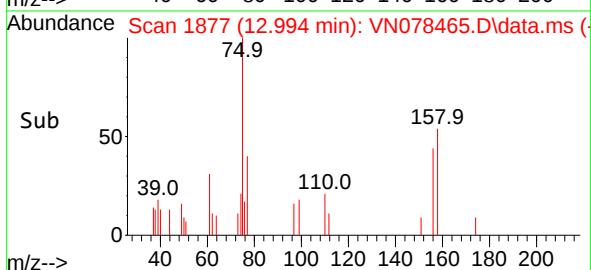
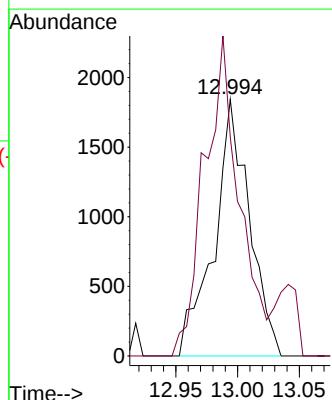
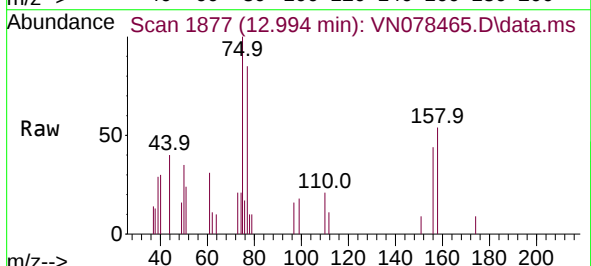
Acq: 11 Jul 2023 16:29

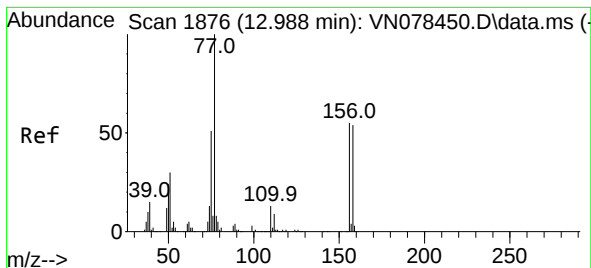
Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 66.4 84.5 253.5#





#77

Bromobenzene

Concen: 0.529 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

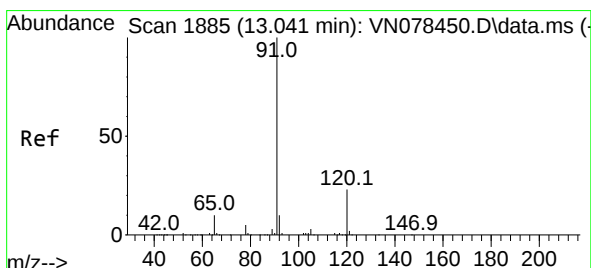
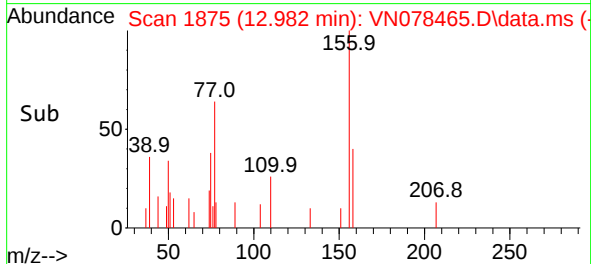
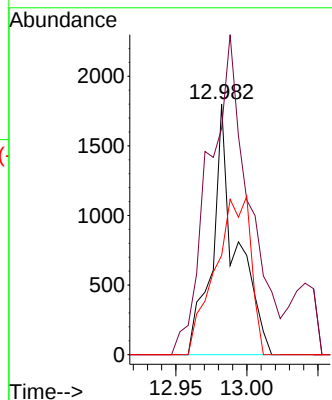
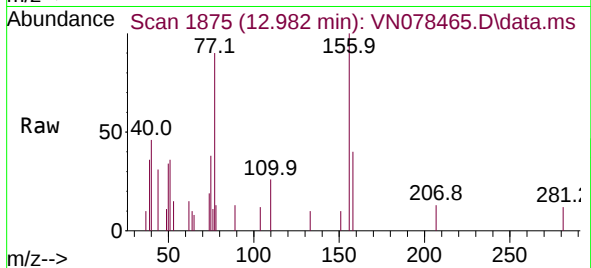
Tgt Ion:156 Resp: 2111

Ion Ratio Lower Upper

156 100

77 212.6 107.7 323.3

158 94.0 48.4 145.3



#78

n-propylbenzene

Concen: 0.461 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN078465.D

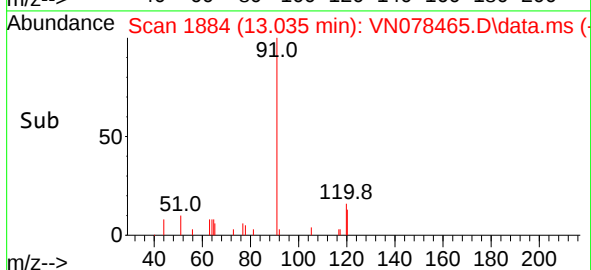
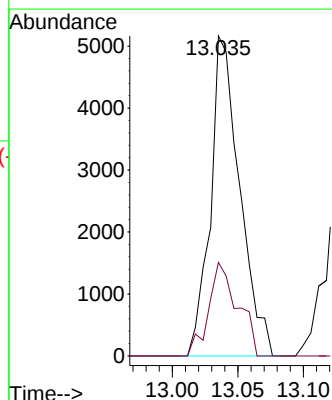
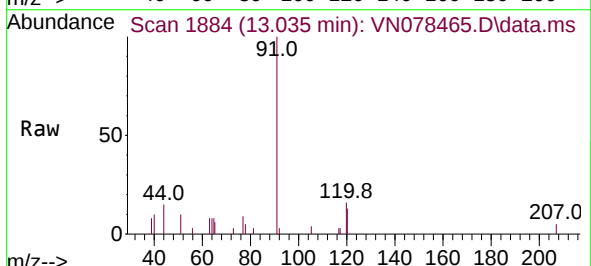
Acq: 11 Jul 2023 16:29

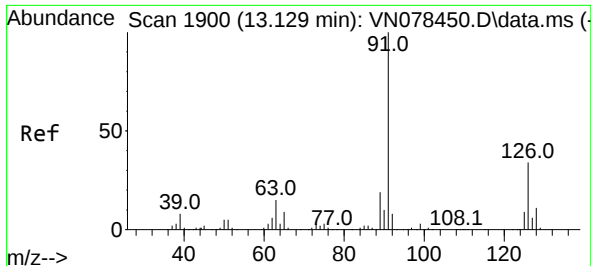
Tgt Ion: 91 Resp: 8013

Ion Ratio Lower Upper

91 100

120 29.0 11.5 34.4

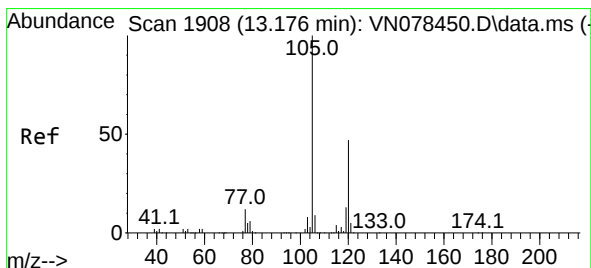
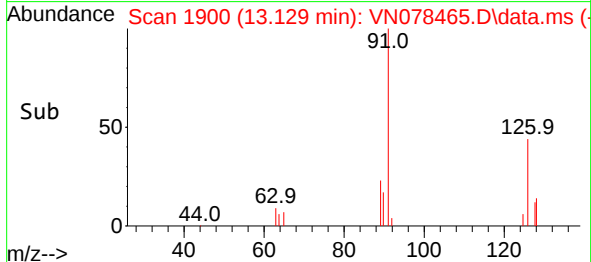
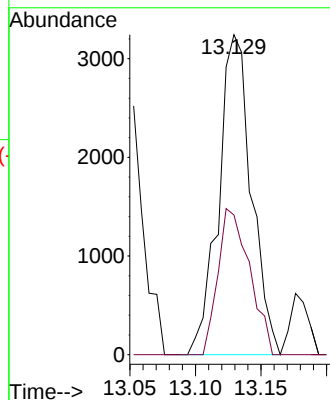
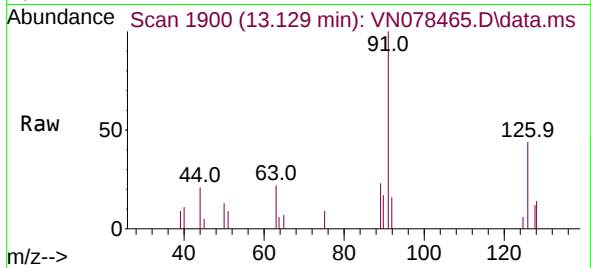




#79
2-Chlorotoluene
Concen: 0.495 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

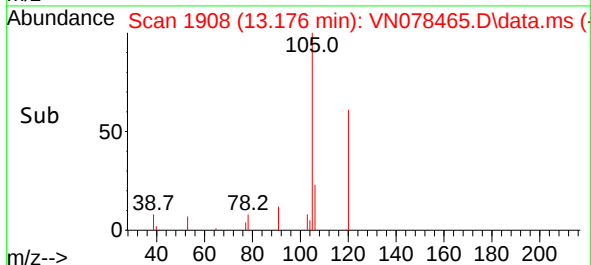
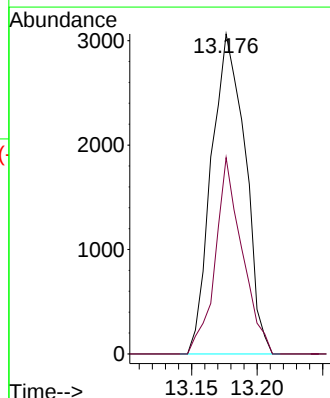
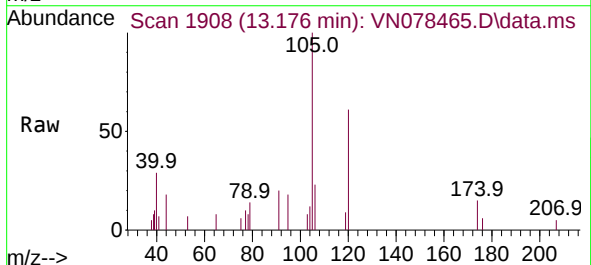
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

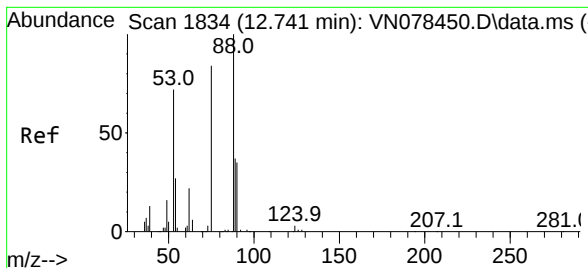
Tgt Ion: 91 Resp: 5638
Ion Ratio Lower Upper
91 100
126 44.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.425 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 105 Resp: 5467
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

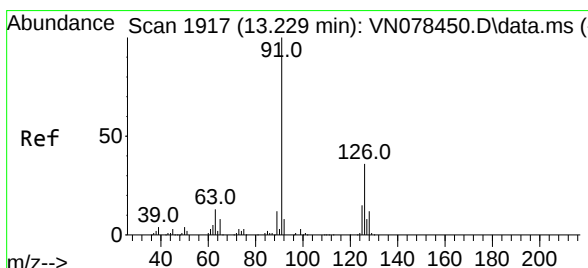
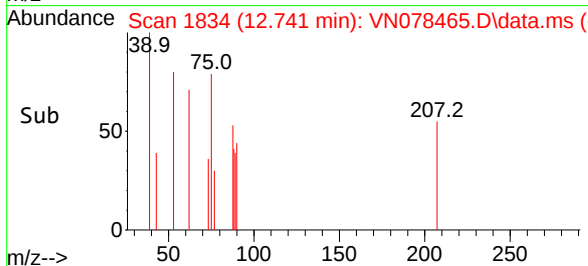
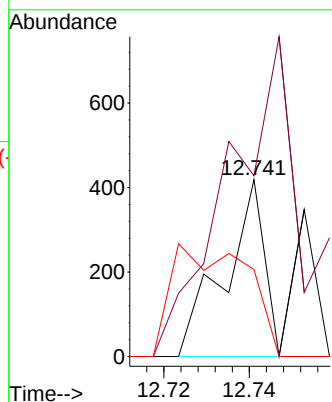
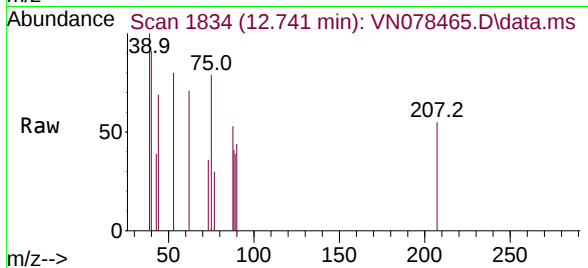




#81
trans-1,4-Dichloro-2-butene
Concen: 0.170 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

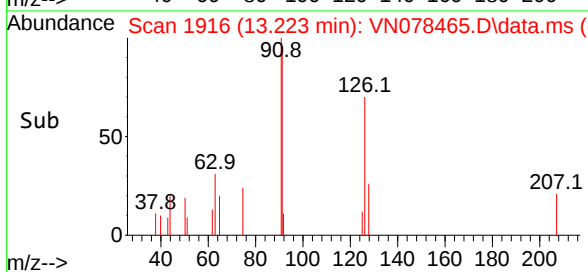
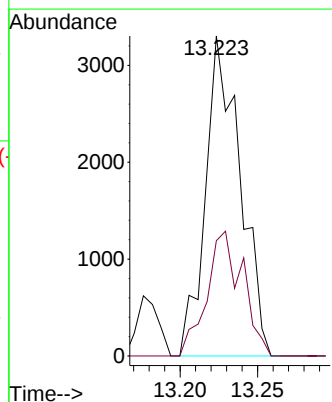
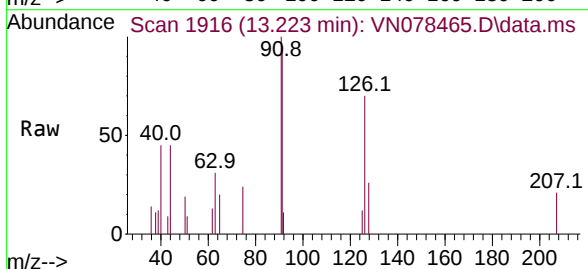
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

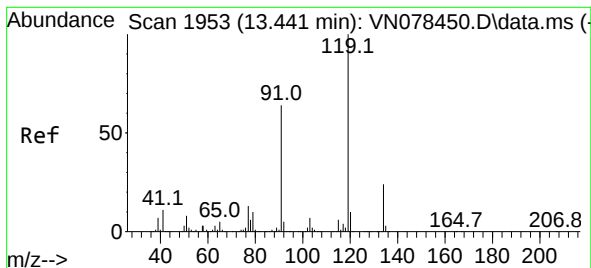
Tgt Ion: 75 Resp: 270
Ion Ratio Lower Upper
75 100
53 24.8 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.484 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 91 Resp: 5148
Ion Ratio Lower Upper
91 100
126 40.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.517 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

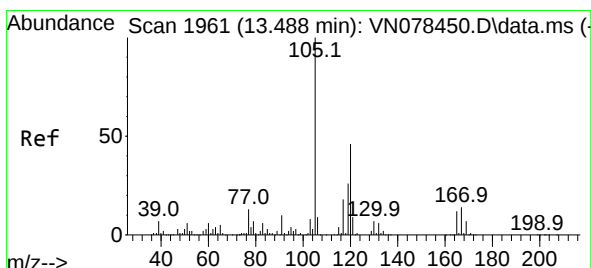
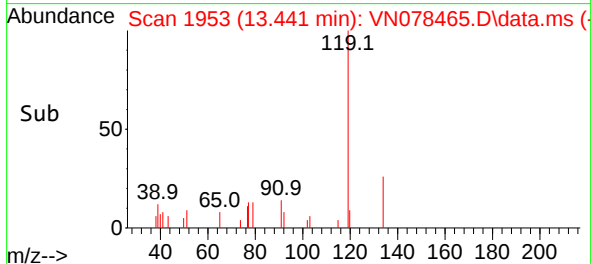
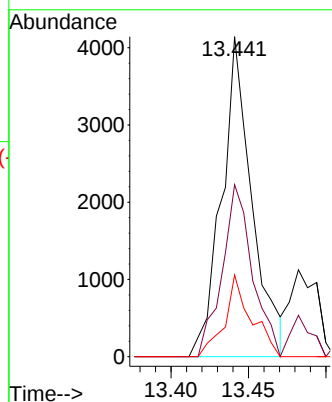
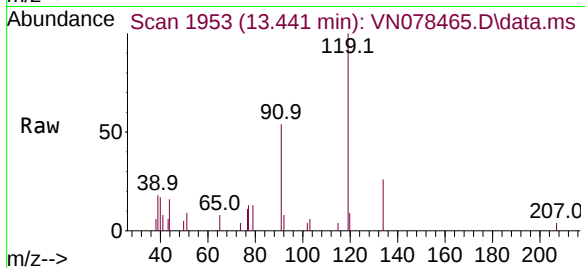
Tgt Ion:119 Resp: 5639

Ion Ratio Lower Upper

119 100

91 53.6 33.9 101.7

134 22.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.425 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078465.D

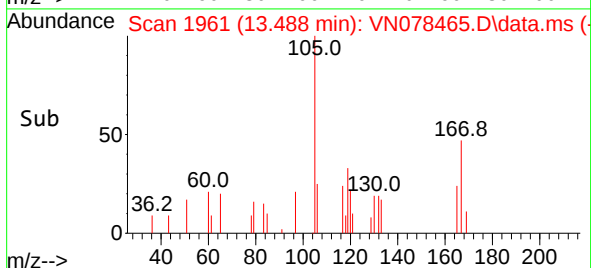
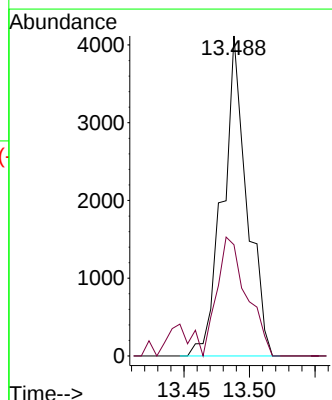
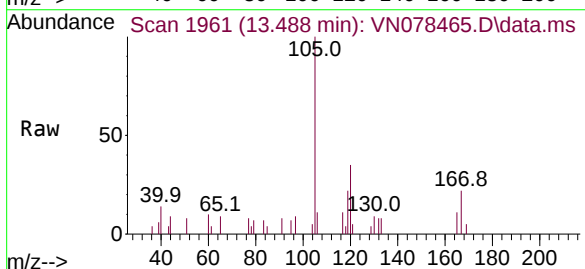
Acq: 11 Jul 2023 16:29

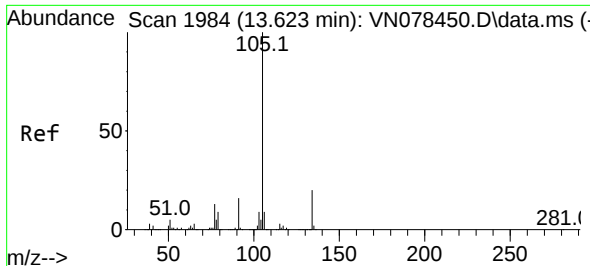
Tgt Ion:105 Resp: 5299

Ion Ratio Lower Upper

105 100

120 45.5 22.0 66.0

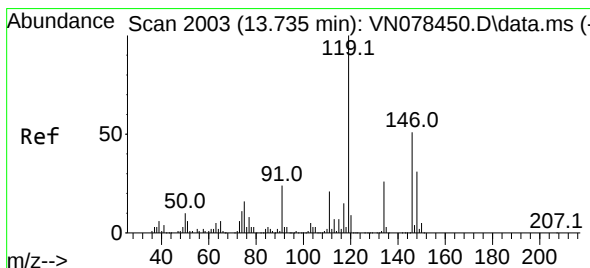
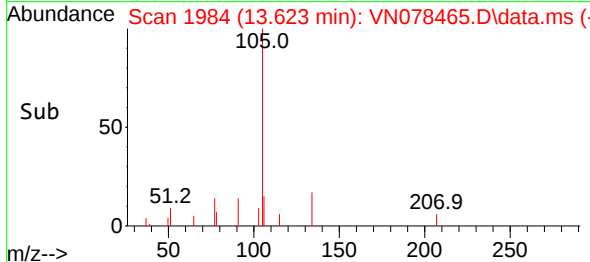
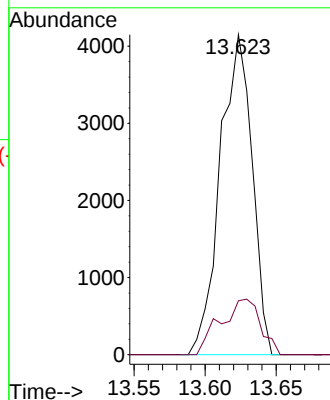
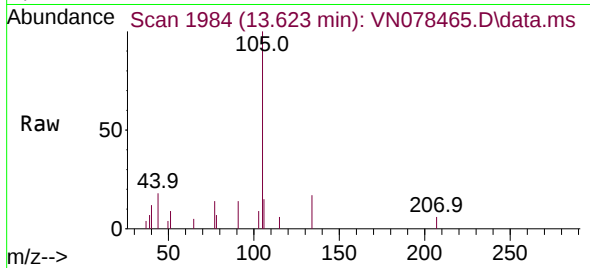




#85
 sec-Butylbenzene
 Concen: 0.471 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

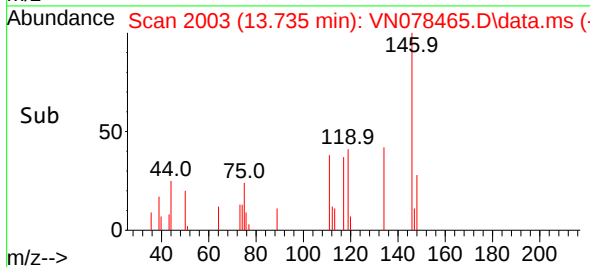
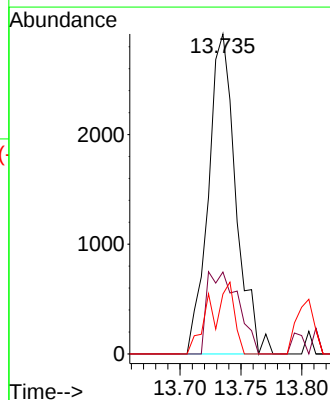
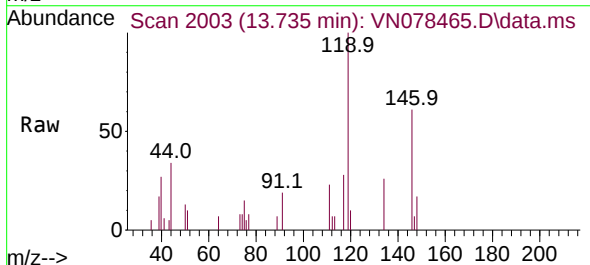
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

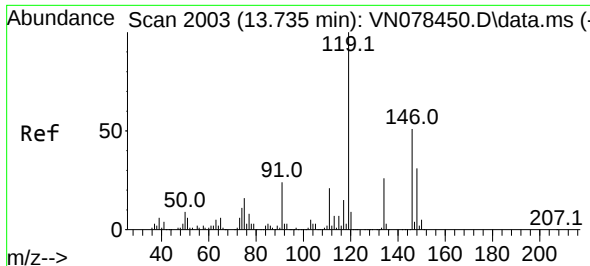
Tgt Ion:105 Resp: 6488
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.414 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078465.D
 Acq: 11 Jul 2023 16:29

Tgt Ion:119 Resp: 4583
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.6 37.8
 91 19.6 12.4 37.2

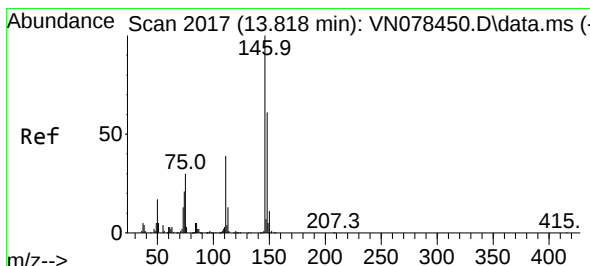
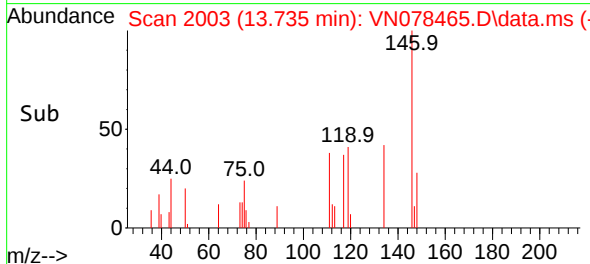
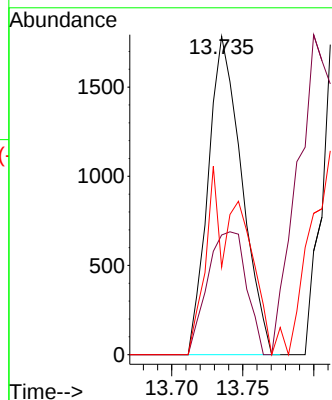
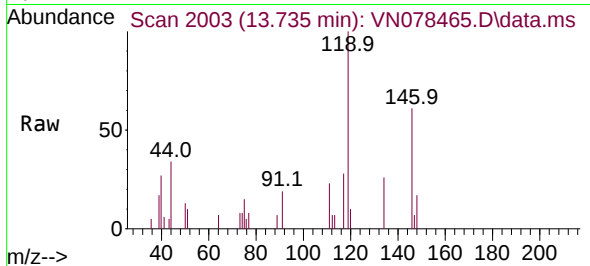




#87
1,3-Dichlorobenzene
Concen: 0.470 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

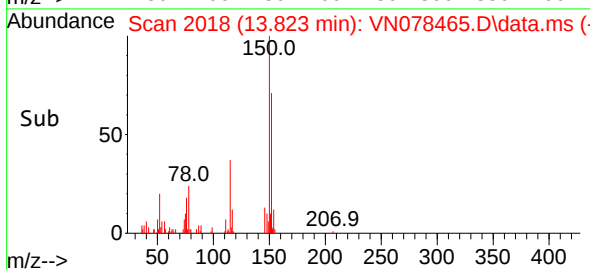
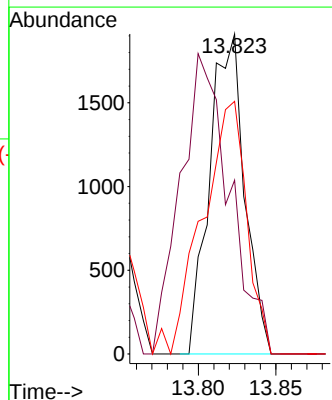
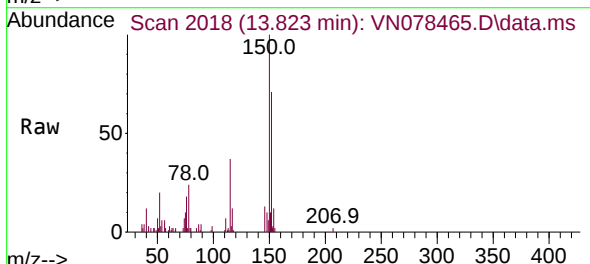
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

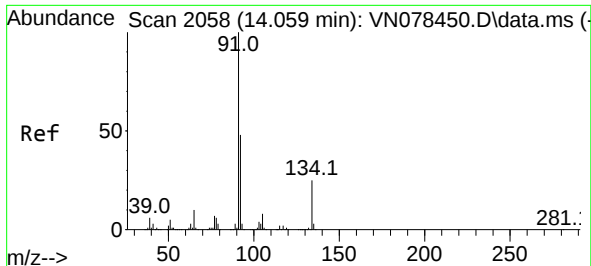
Tgt Ion:146 Resp: 2936
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 27.1 32.0 96.0#



#88
1,4-Dichlorobenzene
Concen: 0.477 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion:146 Resp: 2998
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 97.9 31.6 94.8#

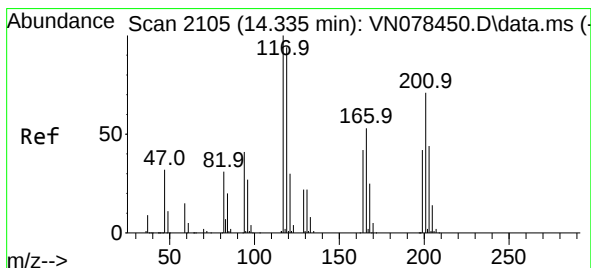
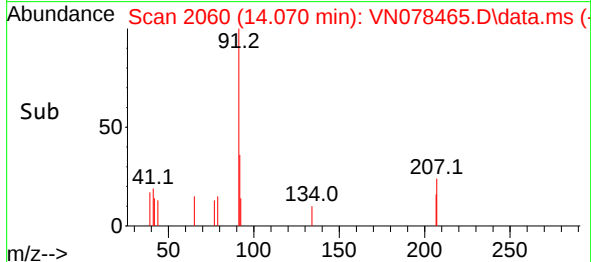
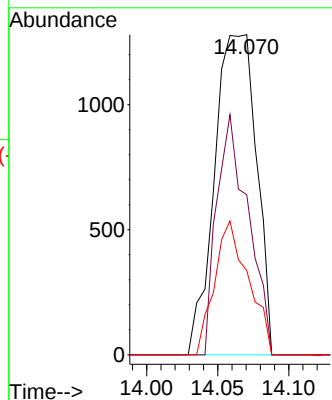
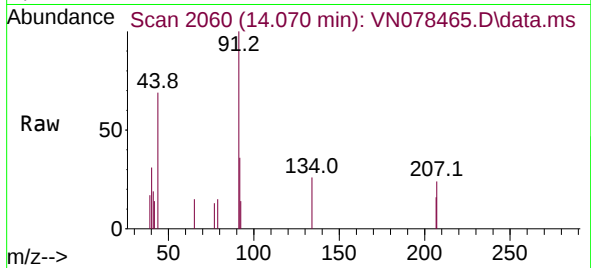




#89
n-Butylbenzene
Concen: 0.333 ug/l
RT: 14.070 min Scan# 2058
Delta R.T. 0.011 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

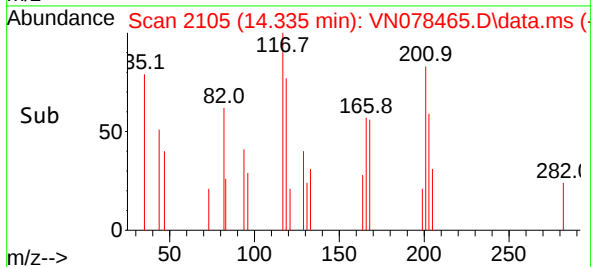
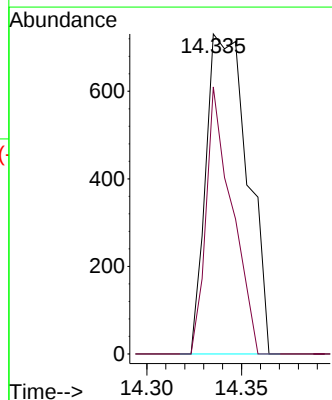
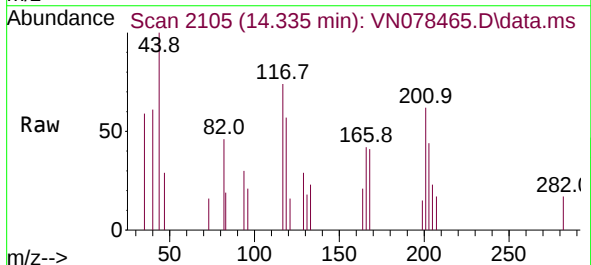
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

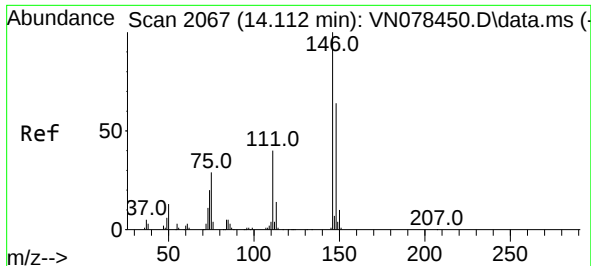
Tgt Ion: 91 Resp: 2635
Ion Ratio Lower Upper
91 100
92 56.2 26.4 79.0
134 33.8 12.6 37.6



#90
Hexachloroethane
Concen: 0.476 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 117 Resp: 1114
Ion Ratio Lower Upper
117 100
201 52.2 29.3 88.0

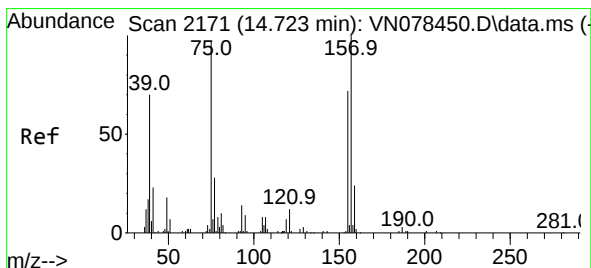
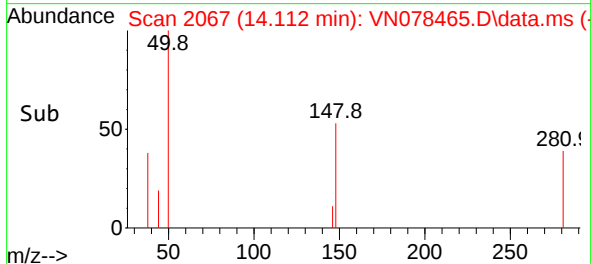
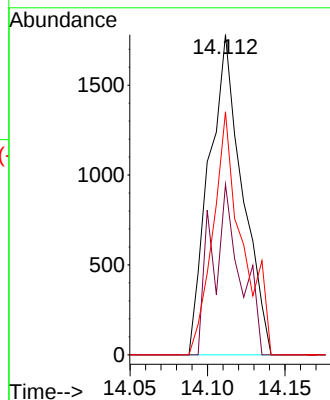
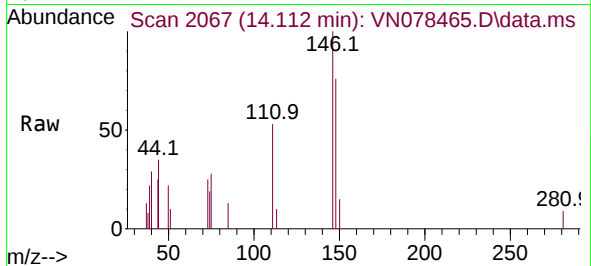




#91
1,2-Dichlorobenzene
Concen: 0.428 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

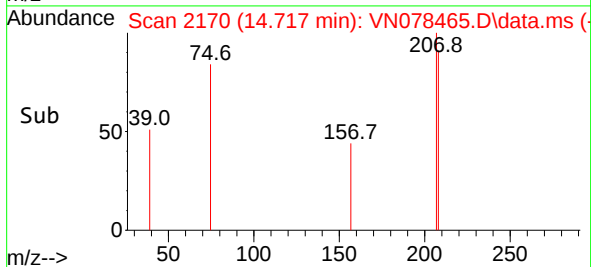
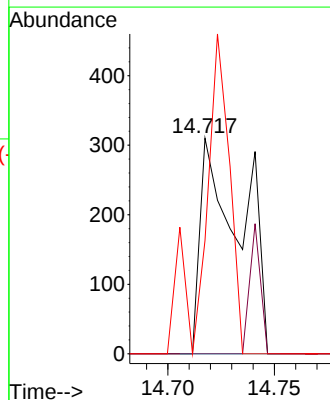
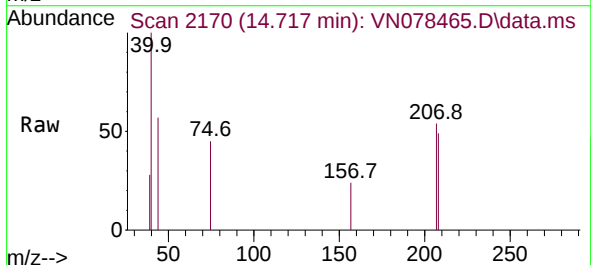
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

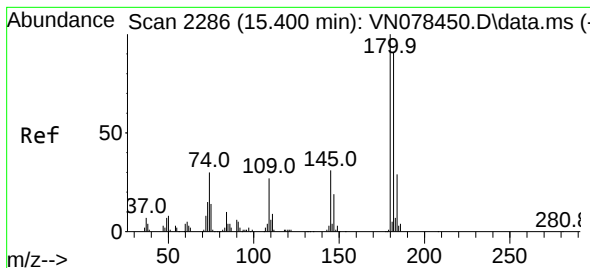
Tgt Ion:146	Resp:	2658	
Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.0	66.0
148	66.8	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.450 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078465.D
Acq: 11 Jul 2023 16:29

Tgt Ion: 75	Resp:	407	
Ion Ratio	Lower	Upper	
75 100			
155 0.0	39.1	117.2#	
157 93.1	50.3	150.9	





#93

1,2,4-Trichlorobenzene

Concen: 0.325 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

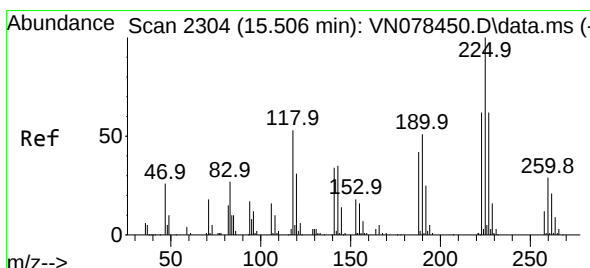
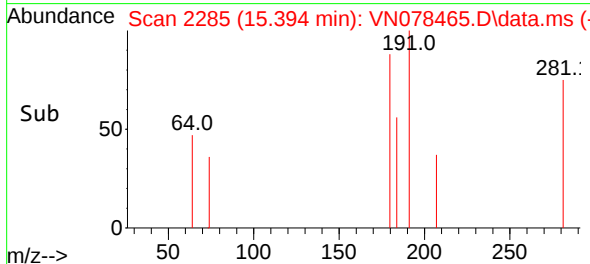
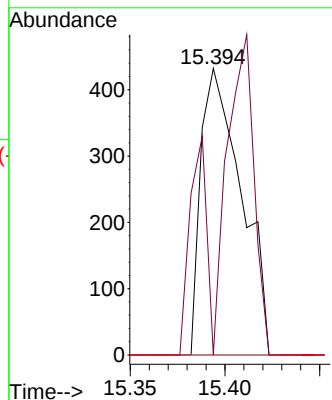
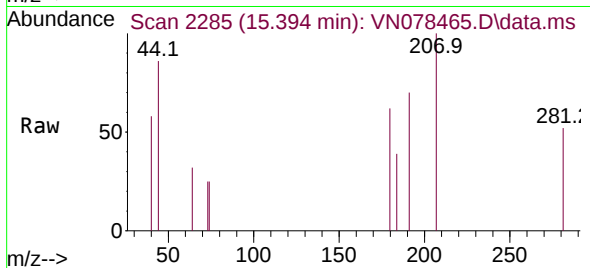
Tgt Ion:180 Resp: 644

Ion Ratio Lower Upper

180 100

182 31.4 46.1 138.2#

145 0.0 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.352 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

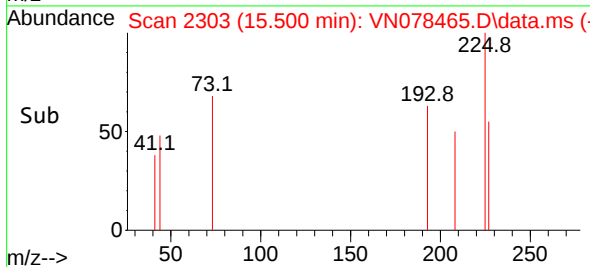
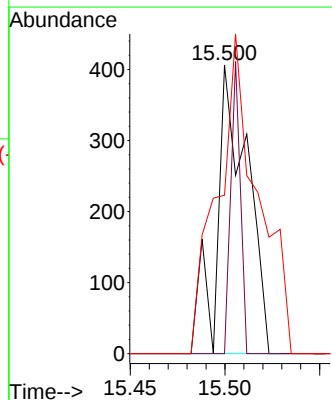
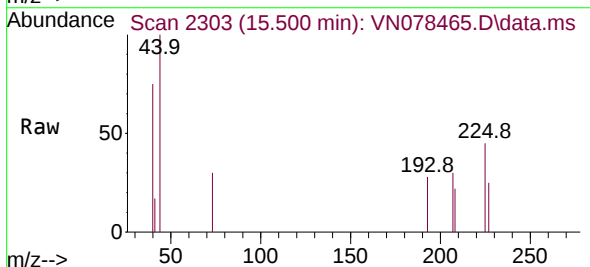
Tgt Ion:225 Resp: 457

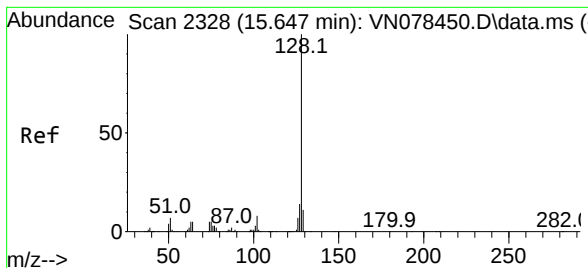
Ion Ratio Lower Upper

225 100

223 31.7 31.3 93.8

227 144.9 31.9 95.9#





#95

Naphthalene

Concen: 0.371 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.006 min

Lab File: VN078465.D

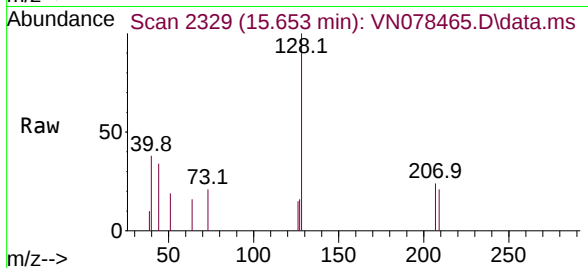
Acq: 11 Jul 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



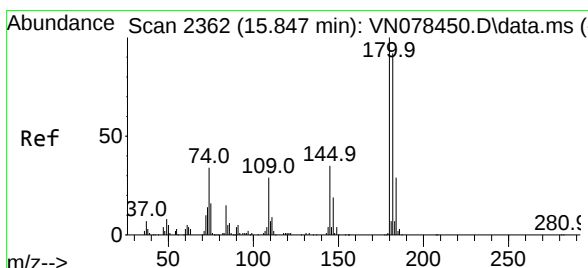
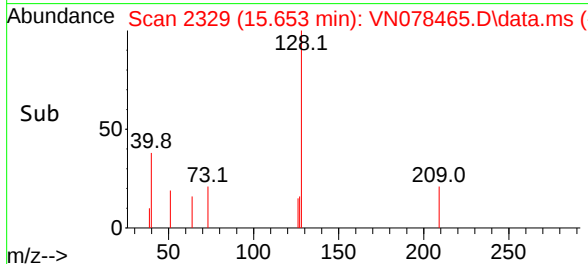
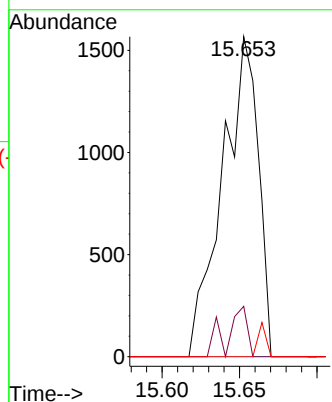
Tgt Ion:128 Resp: 2517

Ion Ratio Lower Upper

128 100

127 8.9 10.0 15.0#

129 2.3 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.445 ug/l

RT: 15.859 min Scan# 2364

Delta R.T. 0.012 min

Lab File: VN078465.D

Acq: 11 Jul 2023 16:29

Tgt Ion:180 Resp: 1014

Ion Ratio Lower Upper

180 100

182 106.6 46.2 138.6

145 0.0 17.5 52.6#

