

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067027.D
 Acq On : 6 May 2021 23:12
 Operator : JC/MD
 Sample : M2262-07 LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Quant Time: May 07 09:36:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 09:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.115	128	79190	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	386042	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	330472	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	208141	30.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.00%
60) 4-Bromofluorobenzene	12.353	95	124621	22.67	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.57%
63) Toluene-d8	10.030	98	516575	31.56	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.837	85	12213	2.25	ug/l	92
3) Chloromethane	2.035	50	20508	2.48	ug/l	98
4) Vinyl Chloride	2.164	62	18516	2.32	ug/l	94
5) Bromomethane	2.518	94	12039	2.70	ug/l	92
6) Chloroethane	2.665	64	11788	2.56	ug/l	96
7) Trichlorofluoromethane	2.977	101	23642	2.44	ug/l	95
8) Diethyl Ether	3.357	74	7713	2.35	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.682	101	3754	0.80	ug/l #	1
10) 1,1-Dichloroethene	3.671	96	11012	2.44	ug/l	96
11) Methyl Iodide	3.888	142	13390	2.18	ug/l	97
12) Methyl Acetate	4.264	43	16645	2.60	ug/l	100
13) Acrolein	3.550	56	11305	10.80	ug/l	93
14) Acrylonitrile	4.897	53	10445	4.12	ug/l #	9
15) Acetone	3.760	58	9541	12.98	ug/l	94
16) Carbon Disulfide	3.982	76	36899	2.47	ug/l	100
17) Allyl chloride	4.245	41	20566	2.34	ug/l	88
18) Methylene Chloride	4.476	84	18862	3.08	ug/l	87
19) trans-1,2-Dichloroethene	4.953	96	8152	1.64	ug/l #	82
20) Diisopropyl ether	5.865	45	35966	2.21	ug/l #	83
21) 1,1-Dichloroethane	5.752	63	13490	1.25	ug/l	98
22) cis-1,2-Dichloroethene	6.737	96	5852	1.03	ug/l #	1
23) tert-Butyl Alcohol	4.706	59	1263	1.25	ug/l #	100
24) Methyl tert-Butyl Ether	4.945	73	12670	0.85	ug/l	97
25) Chloroform	7.292	83	25477	2.44	ug/l	98
26) Cyclohexane	7.571	56	7671	1.02	ug/l #	1
29) 1,1-Dichloropropene	7.721	75	15599	2.31	ug/l	84
30) 2-Butanone	6.761	43	35828	11.07	ug/l #	56
31) 2,2-Dichloropropane	6.731	77	18898	2.32	ug/l #	90
32) 1,1,1-Trichloroethane	7.488	97	13247	1.51	ug/l #	72
34) Benzene	7.970	78	54942	2.51	ug/l #	29
35) Methacrylonitrile	7.093	41	5477	1.81	ug/l	86
36) 1,2-Dichloroethane	8.051	62	20936	2.57	ug/l #	94
37) Trichloroethene	8.764	130	5959	1.26	ug/l	98
38) Methylcyclohexane	9.019	83	15265	2.27	ug/l #	88
39) 1,2-Dichloropropane	9.051	63	14808	2.44	ug/l	91
40) Dibromomethane	9.148	93	10103	2.69	ug/l	93
41) Bromodichloromethane	9.344	83	19685	2.48	ug/l	96
42) Vinyl Acetate	5.814	43	153673	11.01	ug/l	99
43) Ethyl Acetate	6.857	43	5981	0.78	ug/l #	83

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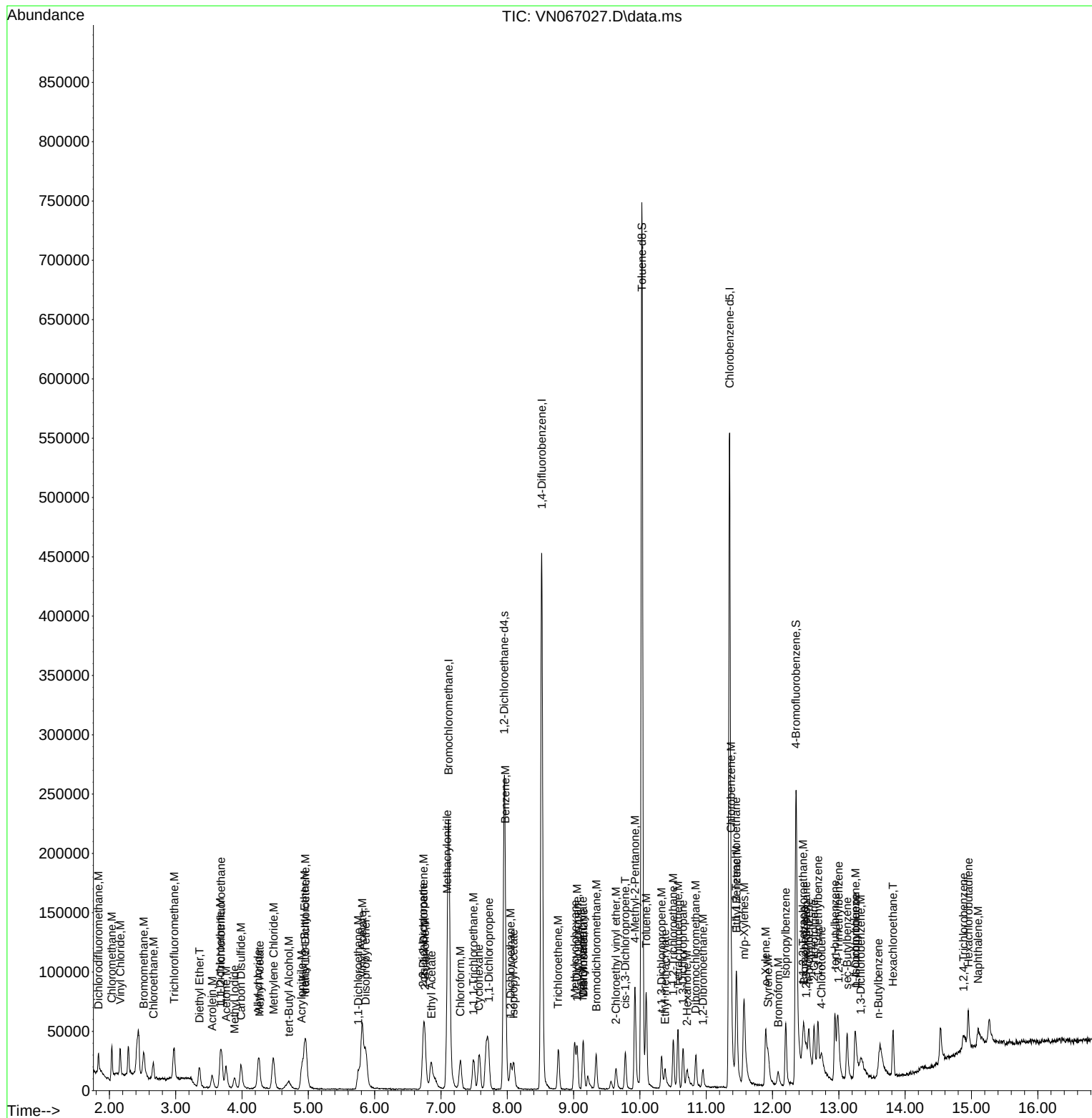
Quant Time: May 07 09:36:56 2021
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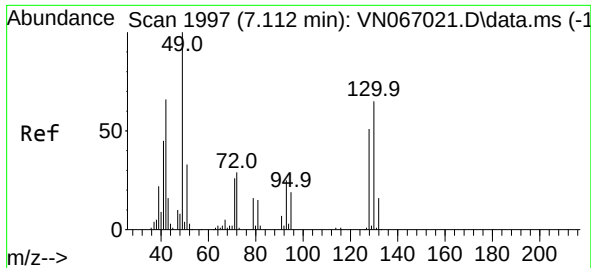
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.094	43	25510	2.20	ug/l #	65
45) 1,4-Dioxane	9.142	88	146	1.97	ug/l #	1
46) Methyl methacrylate	9.140	41	8337	1.71	ug/l	98
48) t-1,3-Dichloropropene	10.328	75	17242	2.12	ug/l	99
49) cis-1,3-Dichloropropene	9.778	75	20002	2.25	ug/l	96
50) 1,1,2-Trichloroethane	10.502	97	13042	2.51	ug/l	97
51) Ethyl methacrylate	10.379	69	9028	1.33	ug/l	93
52) 1,3-Dichloropropane	10.650	76	21238	2.36	ug/l	99
53) Dibromochloromethane	10.840	129	13681	2.40	ug/l	96
54) 1,2-Dibromoethane	10.950	107	11458	2.31	ug/l	99
55) 2-Chloroethyl vinyl ether	9.639	63	9135	7.03	ug/l #	78
56) Bromoform	12.084	173	7209	1.90	ug/l #	96
58) 4-Methyl-2-Pentanone	9.925	43	64929	10.49	ug/l	99
59) 2-Hexanone	10.709	43	13698	3.75	ug/l #	90
61) Tetrachloroethene	10.577	164	11328	3.02	ug/l	93
62) Toluene	10.094	91	54936	2.69	ug/l	99
64) Chlorobenzene	11.374	112	29471	2.48	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.452	131	13038	2.74	ug/l	96
66) Ethyl Benzene	11.460	91	44203	2.14	ug/l	96
67) m/p-Xylenes	11.575	106	30213	3.89	ug/l	87
68) o-Xylene	11.897	106	15536	2.03	ug/l	97
69) Styrene	11.934	104	18761	1.59	ug/l #	56
70) Isopropylbenzene	12.200	105	38759	1.95	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.460	83	15338	2.12	ug/l #	96
72) 1,2,3-Trichloropropane	12.508	75	3042	0.46	ug/l	44
73) Bromobenzene	12.479	156	9074	1.89	ug/l	34
74) n-propylbenzene	12.548	91	35695	1.57	ug/l	88
75) 2-Chlorotoluene	12.626	91	21533	1.47	ug/l	82
76) 1,3,5-Trimethylbenzene	12.685	105	32381	1.84	ug/l	91
78) 4-Chlorotoluene	12.736	91	7420	0.56	ug/l	46
79) tert-butylbenzene	12.943	119	28337	1.90	ug/l	95
80) 1,2,4-Trimethylbenzene	12.996	105	25284	1.53	ug/l	54
81) sec-Butylbenzene	13.125	105	30971	1.57	ug/l	95
82) p-Isopropyltoluene	13.251	119	20375	1.30	ug/l	98
83) 1,3-Dichlorobenzene	13.329	146	2253	0.28	ug/l	64
84) 1,4-Dichlorobenzene	13.251	146	10343	1.25	ug/l	71
85) n-Butylbenzene	13.594	91	4742	0.38	ug/l	62
86) Hexachloroethane	13.817	117	7966	2.30	ug/l	98
89) 1,2,4-Trichlorobenzene	14.879	180	4404	1.06	ug/l #	63
90) Hexachlorobutadiene	14.954	225	6793	2.41	ug/l	95
91) Naphthalene	15.099	128	10597	0.93	ug/l #	78

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

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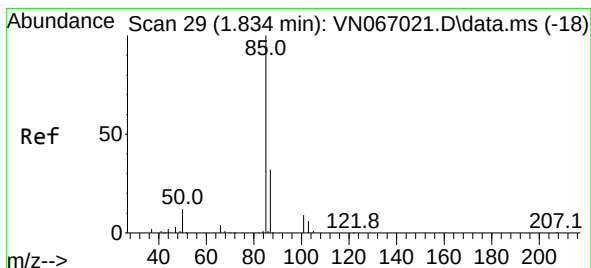
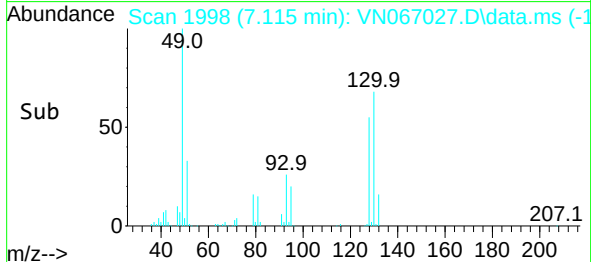
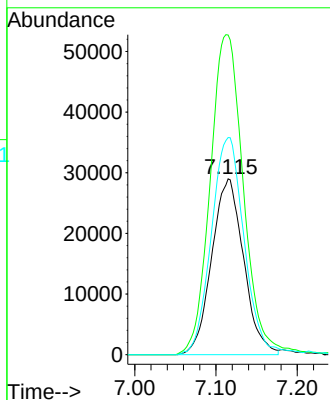
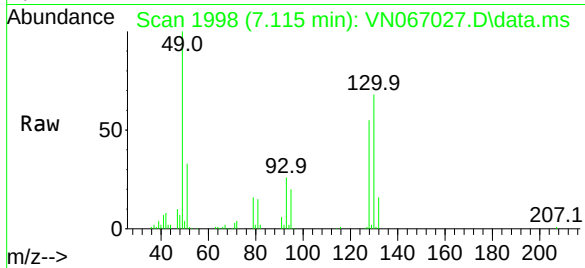




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

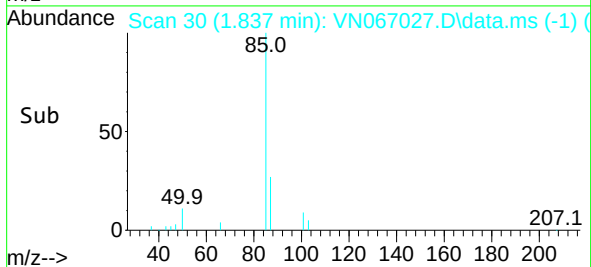
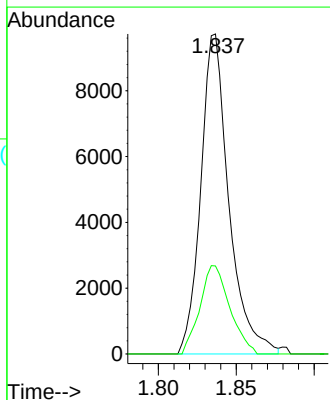
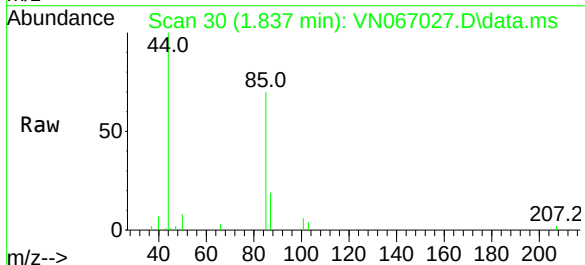
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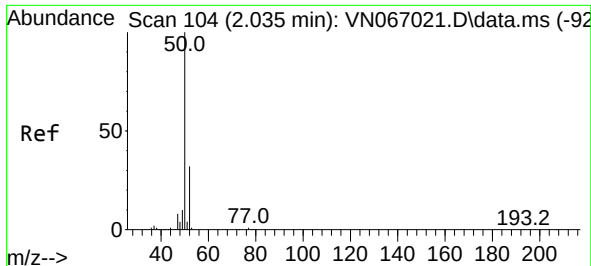
Tgt Ion:128 Resp: 79190
Ion Ratio Lower Upper
128 100
49 188.0 0.0 486.3
130 127.6 0.0 326.0



#2
Dichlorodifluoromethane
Concen: 2.25 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 85 Resp: 12213
Ion Ratio Lower Upper
85 100
87 27.5 16.1 48.3

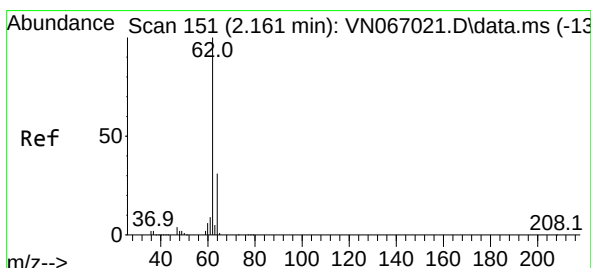
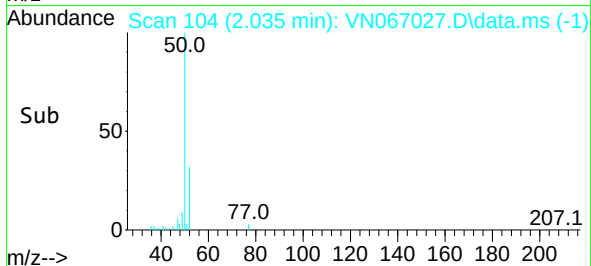
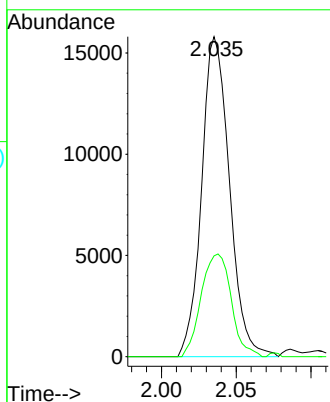
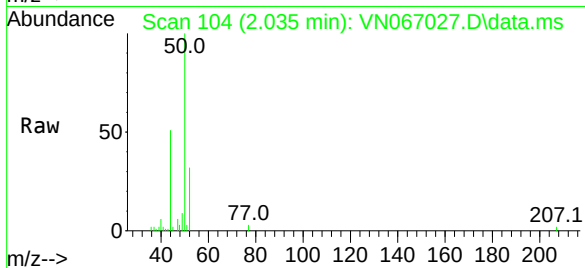




#3
Chloromethane
Concen: 2.48 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

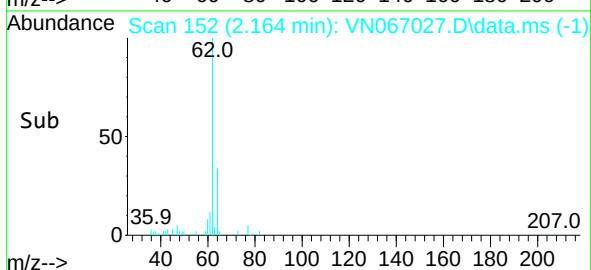
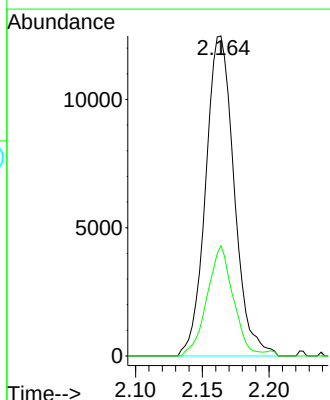
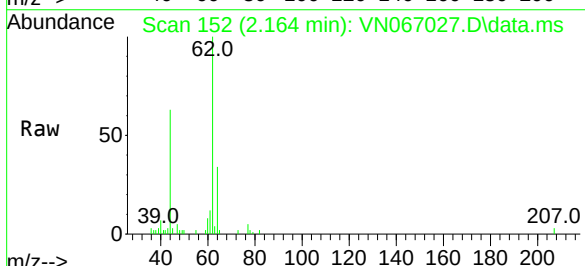
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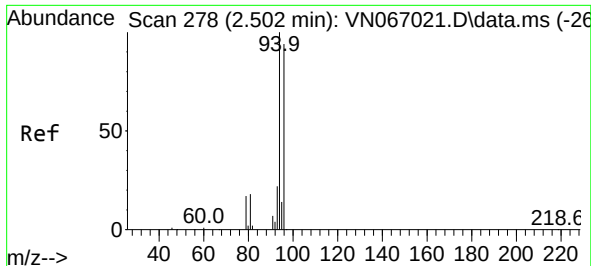
Tgt Ion: 50 Resp: 20508
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9



#4
Vinyl Chloride
Concen: 2.32 ug/l
RT: 2.164 min Scan# 152
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 62 Resp: 18516
Ion Ratio Lower Upper
62 100
64 34.4 24.7 37.1

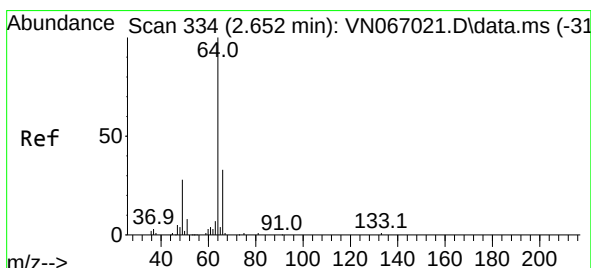
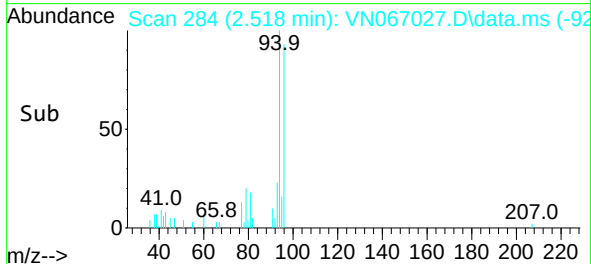
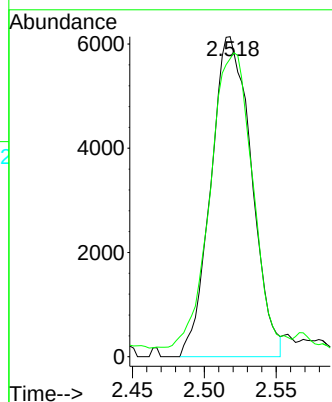
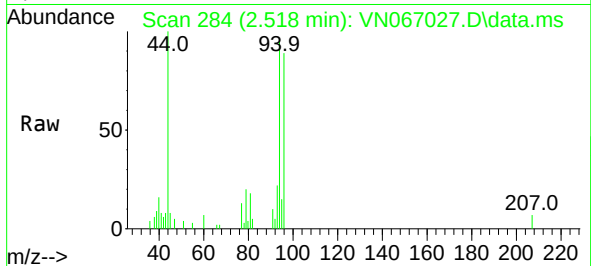




#5
Bromomethane
Concen: 2.70 ug/l
RT: 2.518 min Scan# 284
Delta R.T. 0.016 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

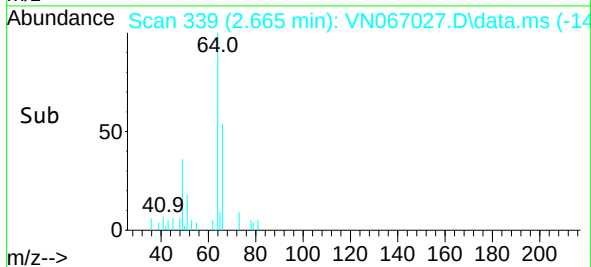
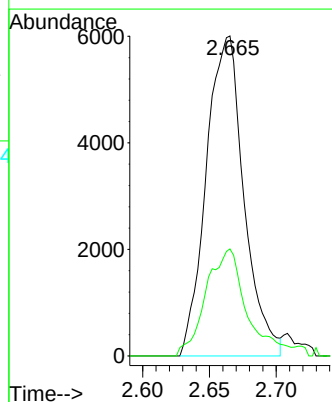
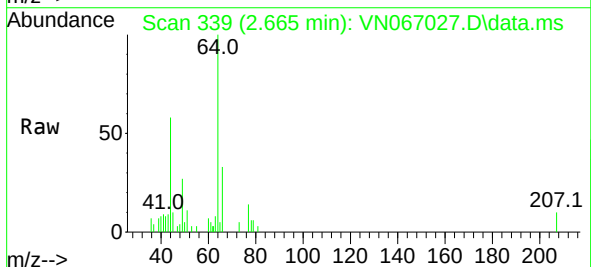
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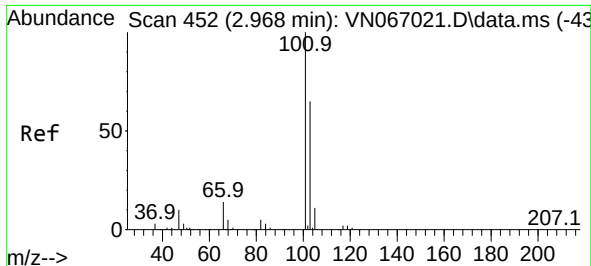
Tgt Ion: 94 Resp: 12039
Ion Ratio Lower Upper
94 100
96 86.9 75.4 113.2



#6
Chloroethane
Concen: 2.56 ug/l
RT: 2.665 min Scan# 339
Delta R.T. 0.014 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 64 Resp: 11788
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1

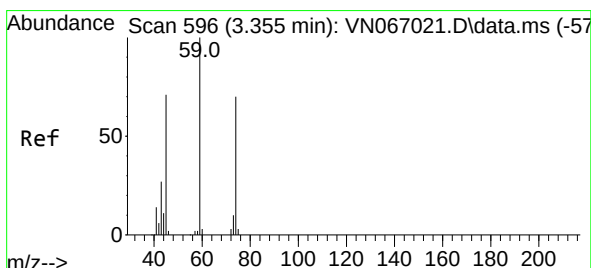
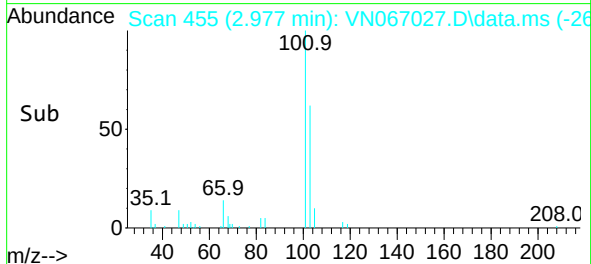
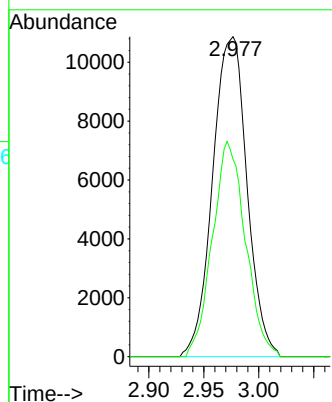
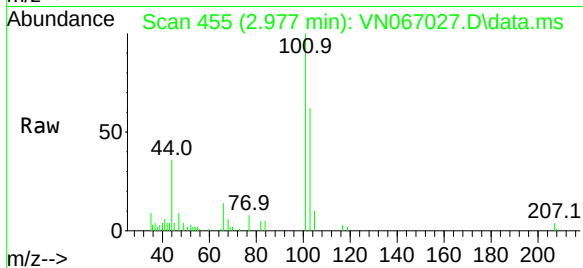




#7
 Trichlorofluoromethane
 Concen: 2.44 ug/l
 RT: 2.977 min Scan# 455
 Delta R.T. 0.008 min
 Lab File: VN067027.D
 Acq: 6 May 2021 23:12

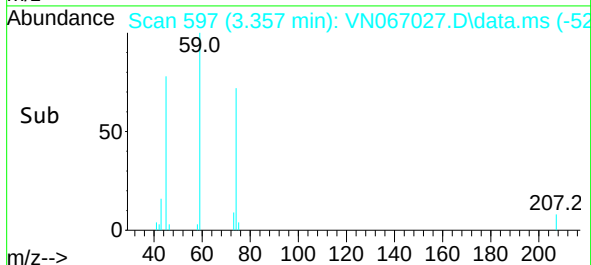
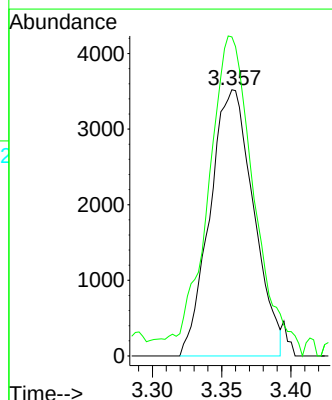
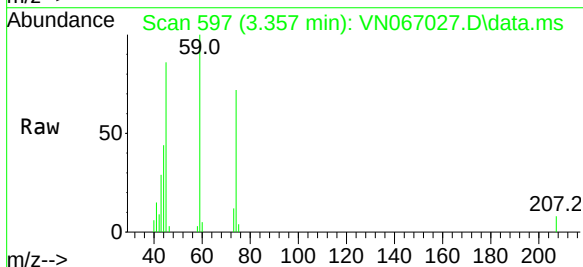
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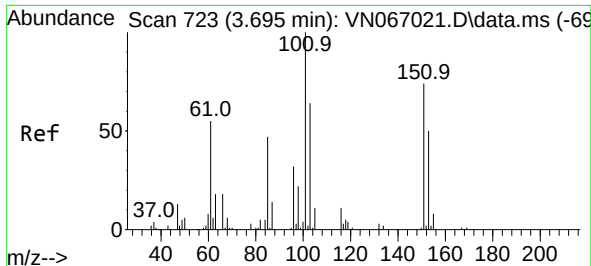
Tgt Ion:101 Resp: 23642
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 2.35 ug/l
 RT: 3.357 min Scan# 597
 Delta R.T. 0.003 min
 Lab File: VN067027.D
 Acq: 6 May 2021 23:12

Tgt Ion: 74 Resp: 7713
 Ion Ratio Lower Upper
 74 100
 45 125.2 21.1 190.3

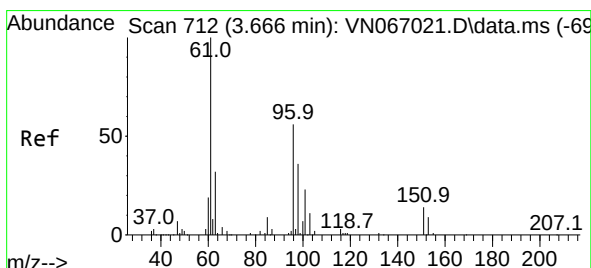
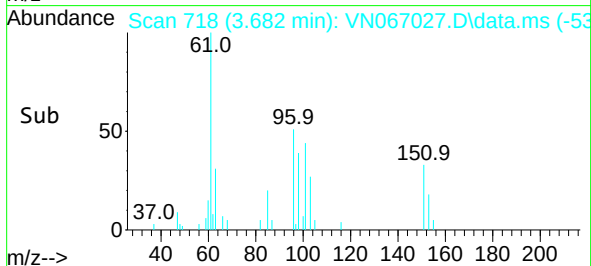
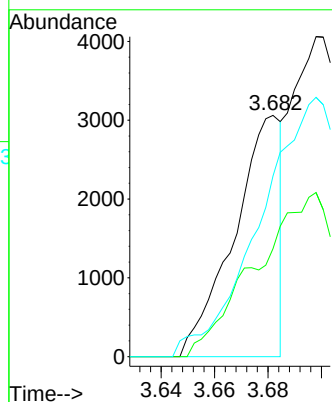
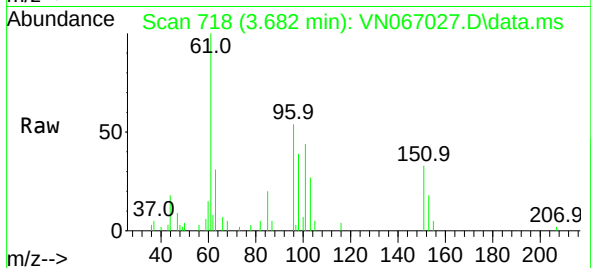




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.80 ug/l
 RT: 3.682 min Scan# 718
 Delta R.T. -0.013 min
 Lab File: VN067027.D
 Acq: 6 May 2021 23:12

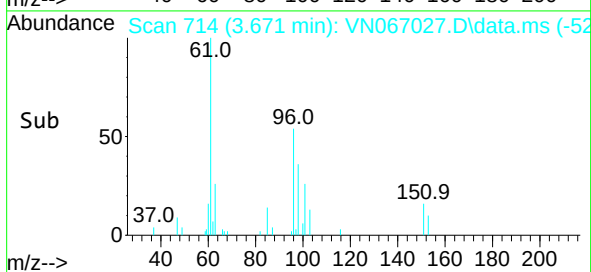
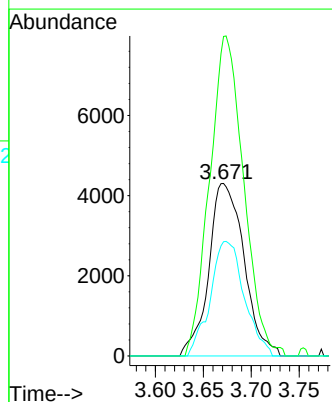
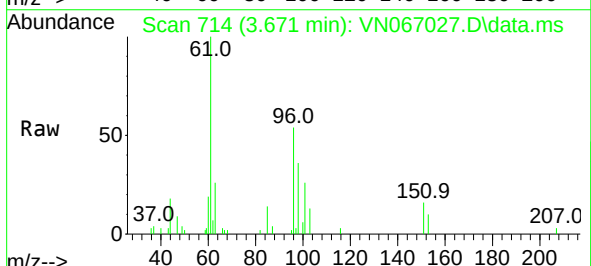
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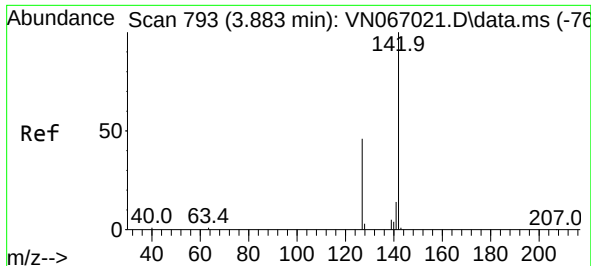
Tgt Ion:101 Resp: 3754
 Ion Ratio Lower Upper
 101 100
 85 28.8 0.0 90.4
 151 222.5 0.0 145.8#



#10
 1,1-Dichloroethene
 Concen: 2.44 ug/l
 RT: 3.671 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VN067027.D
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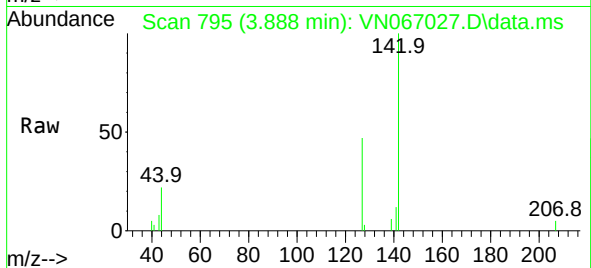
Tgt Ion: 96 Resp: 11012
 Ion Ratio Lower Upper
 96 100
 61 185.3 142.5 213.7
 98 66.2 51.3 76.9



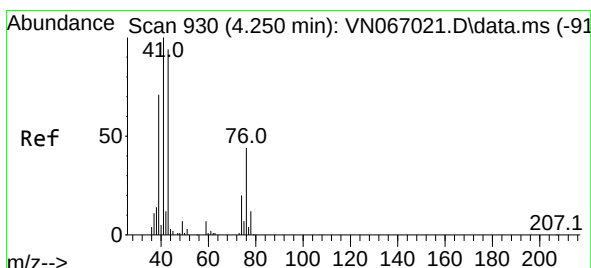
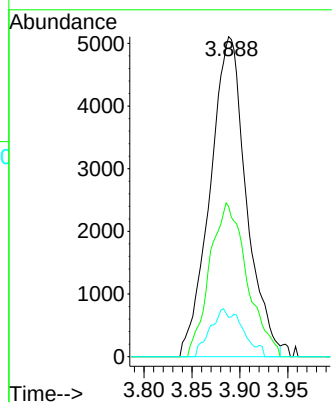
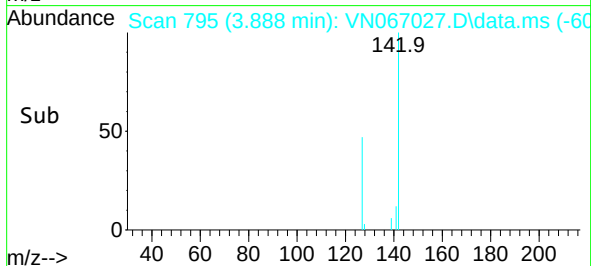


#11
Methyl Iodide
Concen: 2.18 ug/l
RT: 3.888 min Scan# 795
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

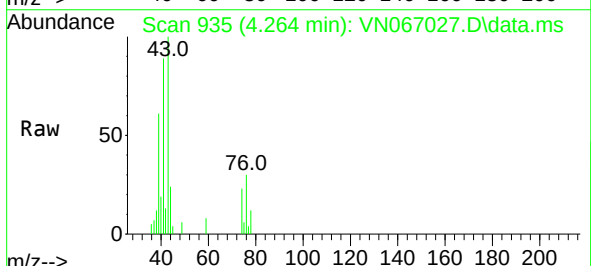
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



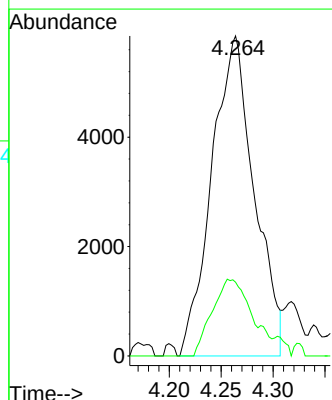
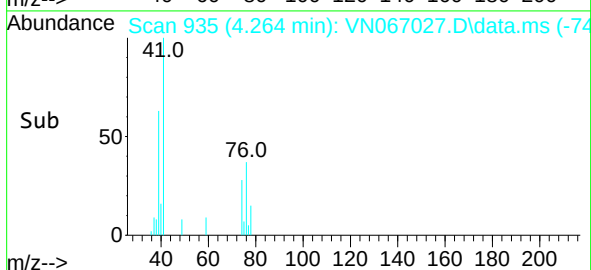
Tgt Ion:142 Resp: 13390
Ion Ratio Lower Upper
142 100
127 47.7 22.9 68.5
141 12.5 7.1 21.4

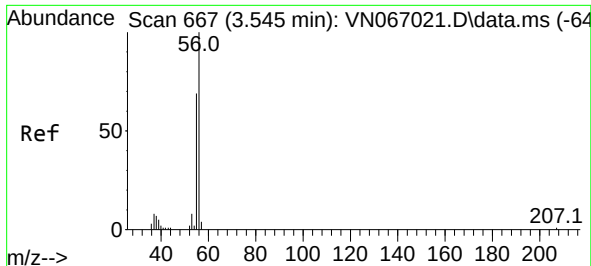


#12
Methyl Acetate
Concen: 2.60 ug/l
RT: 4.264 min Scan# 935
Delta R.T. 0.014 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12



Tgt Ion: 43 Resp: 16645
Ion Ratio Lower Upper
43 100
74 21.7 17.2 25.8

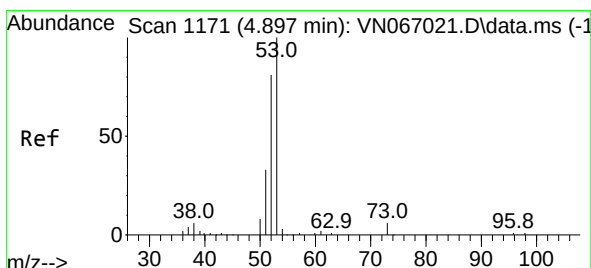
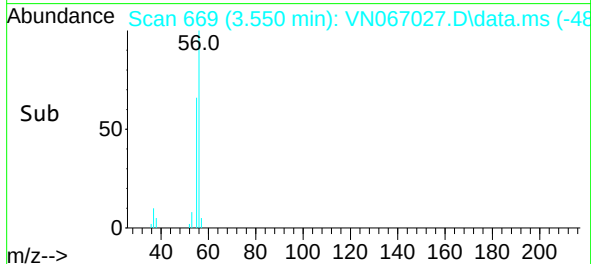
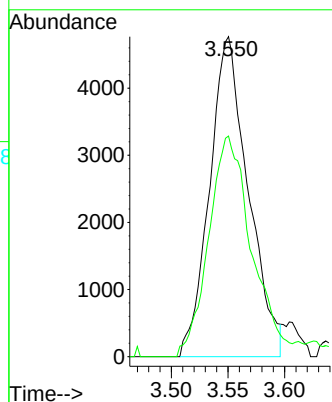
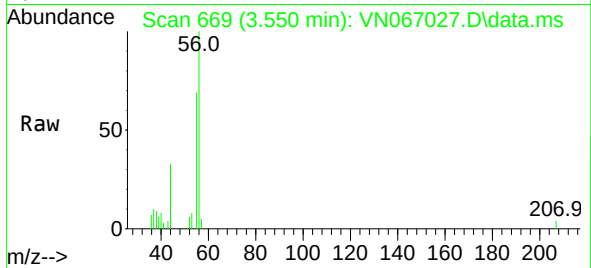




#13
Acrolein
Concen: 10.80 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

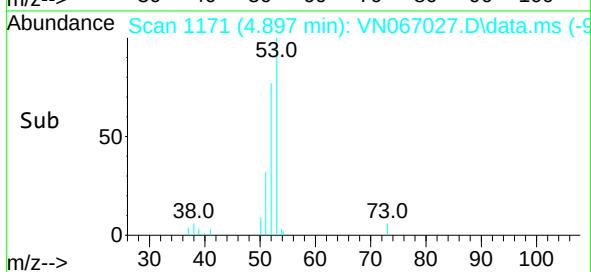
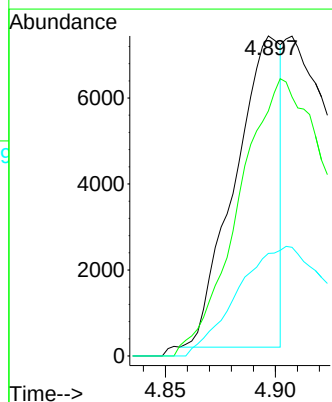
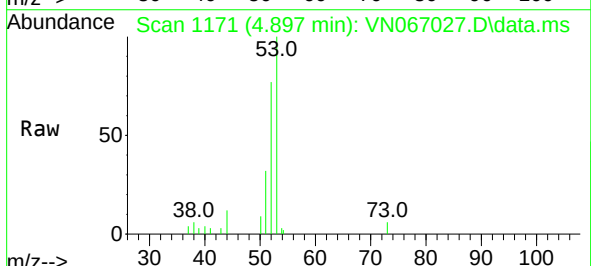
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

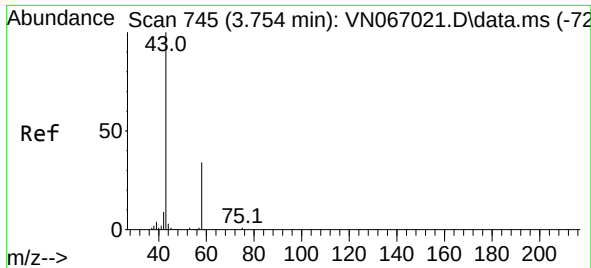
Tgt Ion: 56 Resp: 11305
Ion Ratio Lower Upper
56 100
55 76.2 56.6 84.8



#14
Acrylonitrile
Concen: 4.12 ug/l
RT: 4.897 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

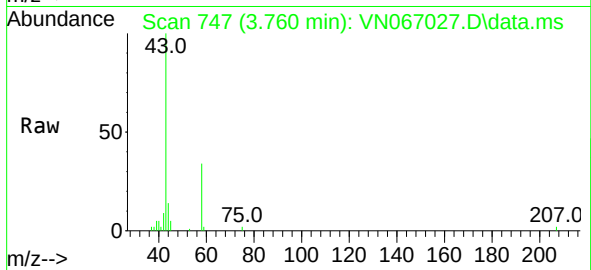
Tgt Ion: 53 Resp: 10445
Ion Ratio Lower Upper
53 100
52 171.3 39.1 117.3#
51 67.2 17.3 51.7#



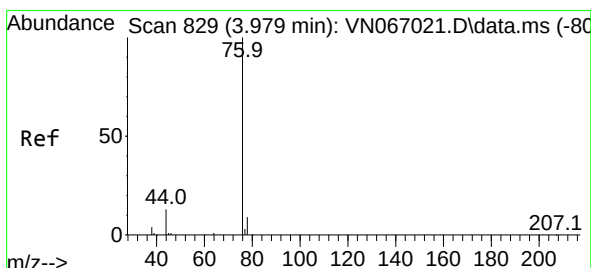
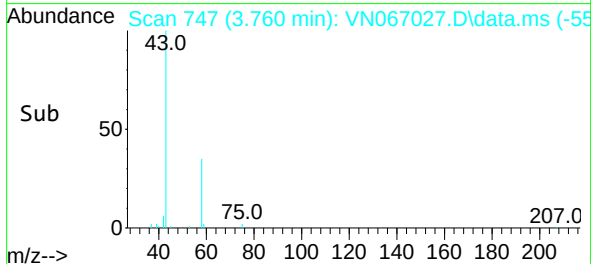
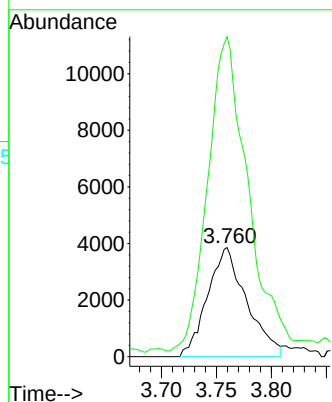


#15
Acetone
Concen: 12.98 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

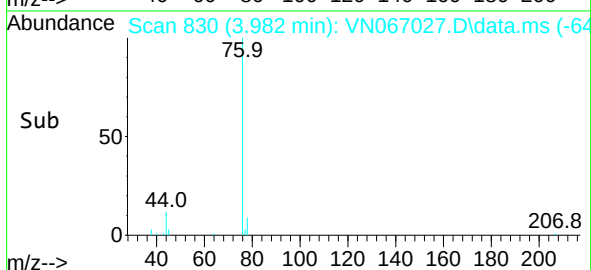
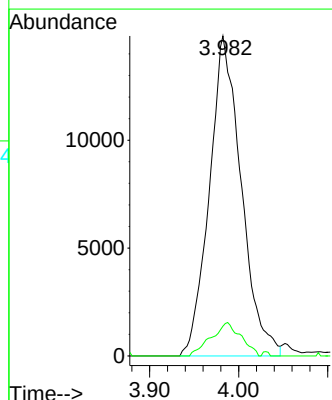
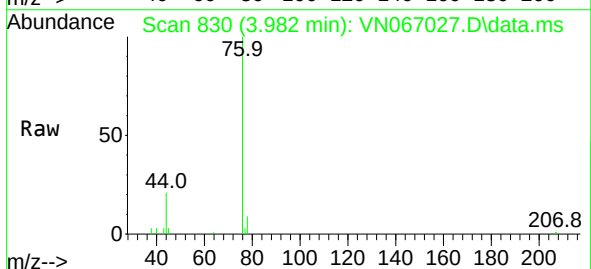


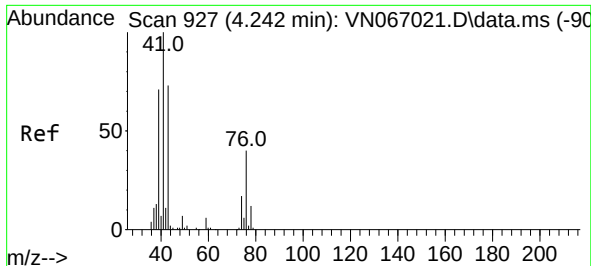
Tgt Ion: 58 Resp: 9541
Ion Ratio Lower Upper
58 100
43 281.4 235.0 352.6



#16
Carbon Disulfide
Concen: 2.47 ug/l
RT: 3.982 min Scan# 830
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 76 Resp: 36899
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#17

Allyl chloride

Concen: 2.34 ug/l

RT: 4.245 min Scan# 928

Delta R.T. 0.003 min

Lab File: VN067027.D

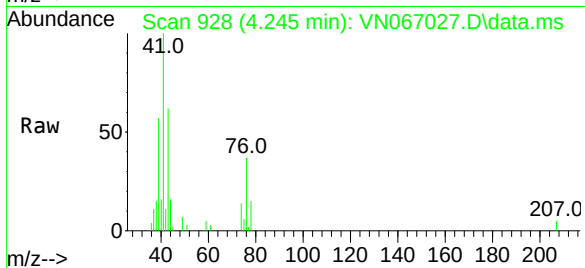
Acq: 6 May 2021 23:12

Instrument :

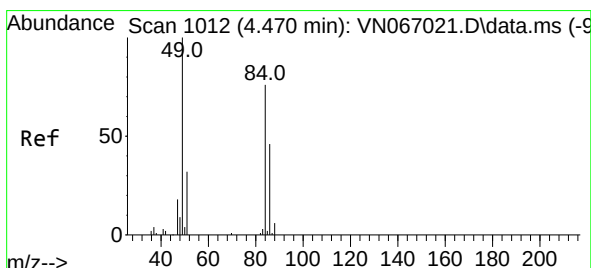
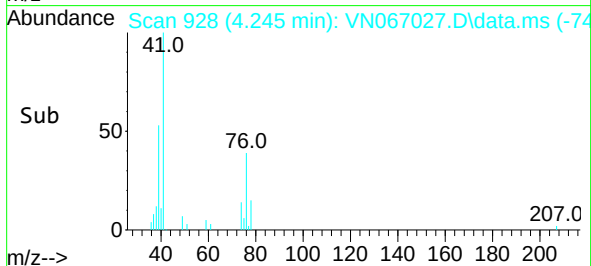
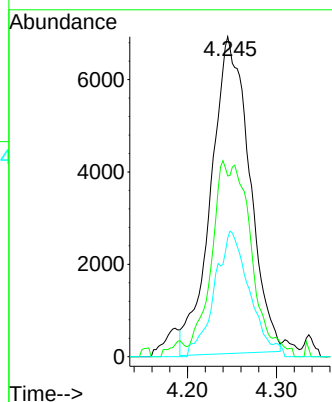
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-SOIL-01-QT2-202



Tgt Ion:	41	Resp:	20566
Ion Ratio	Lower	Upper	
41	100		
39	54.1	33.1	99.5
76	38.6	17.9	53.8



#18

Methylene Chloride

Concen: 3.08 ug/l

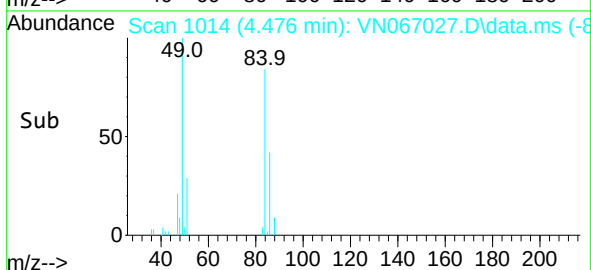
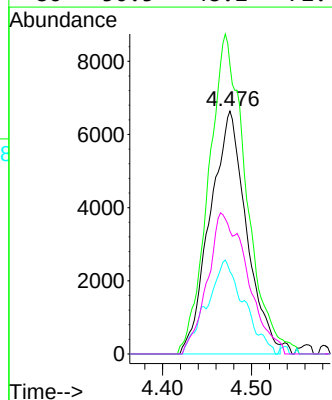
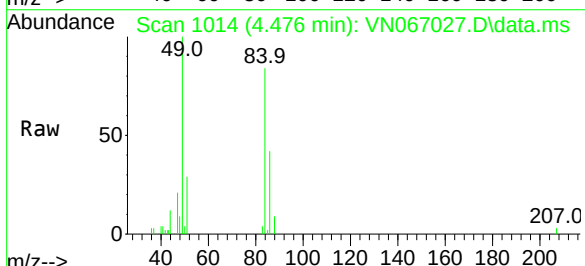
RT: 4.476 min Scan# 1014

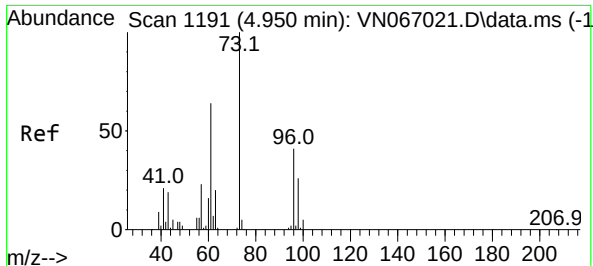
Delta R.T. 0.006 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

Tgt Ion:	84	Resp:	18862
Ion Ratio	Lower	Upper	
84	100		
49	115.8	105.0	157.6
51	33.9	33.3	49.9
86	50.5	48.2	72.4



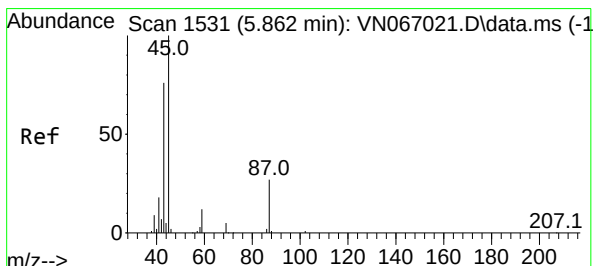
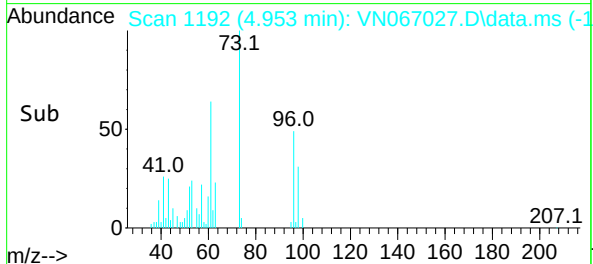
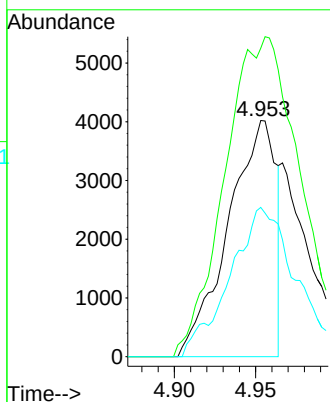
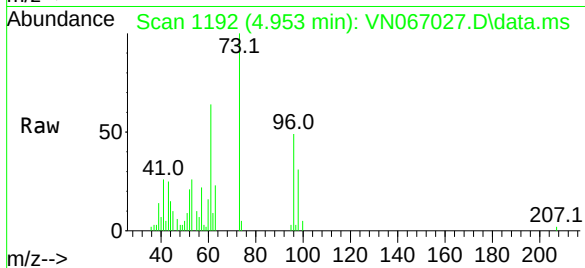


#19

trans-1,2-Dichloroethene
Concen: 1.64 ug/l
RT: 4.953 min Scan# 1192
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

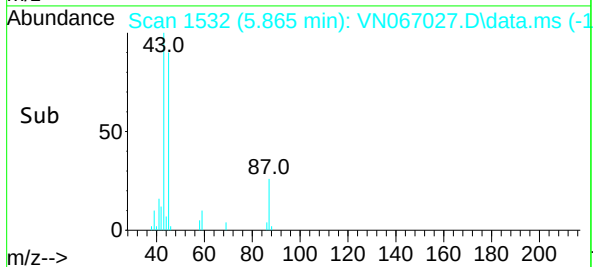
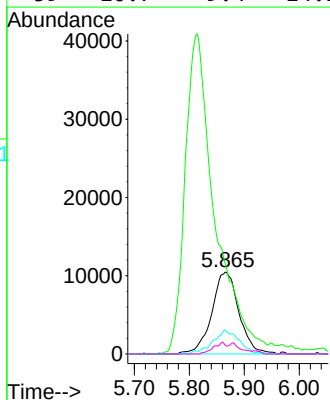
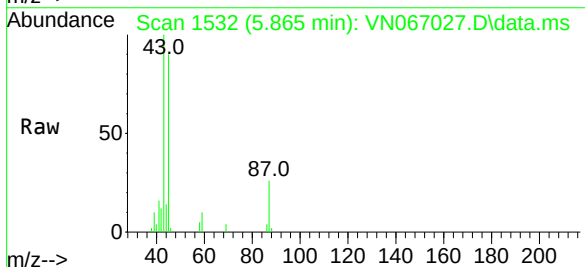
Tgt Ion: 96 Resp: 8152
Ion Ratio Lower Upper
96 100
61 125.6 127.2 190.8#
98 63.2 50.9 76.3

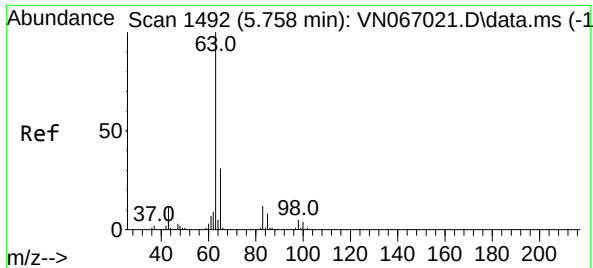


#20

Diisopropyl ether
Concen: 2.21 ug/l
RT: 5.865 min Scan# 1532
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 45 Resp: 35966
Ion Ratio Lower Upper
45 100
43 100.9 64.3 96.5#
87 29.5 22.0 33.0
59 10.7 9.4 14.2





#21

1,1-Dichloroethane

Concen: 1.25 ug/l

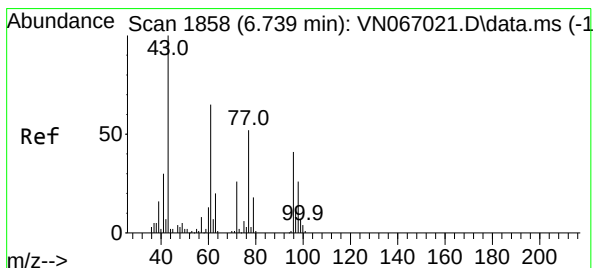
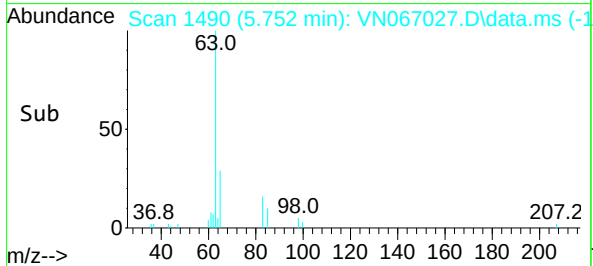
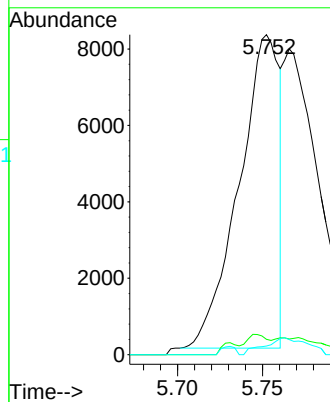
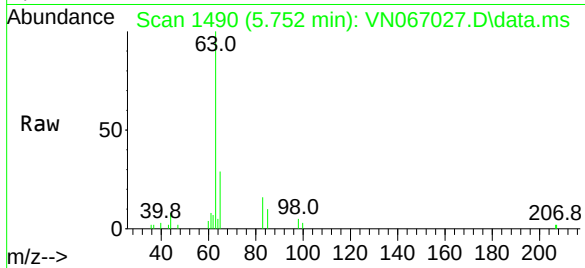
RT: 5.752 min Scan# 1490

Delta R.T. -0.005 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

Tgt Ion:	63	Resp:	13490
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.6	8.0
100	2.7	2.0	5.8



#22

cis-1,2-Dichloroethene

Concen: 1.03 ug/l

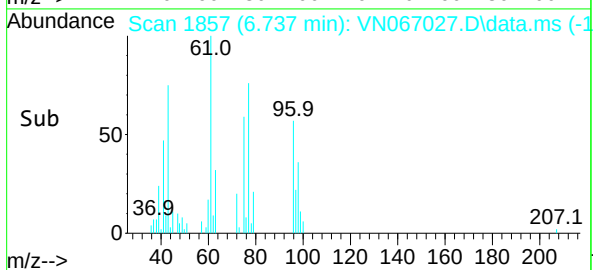
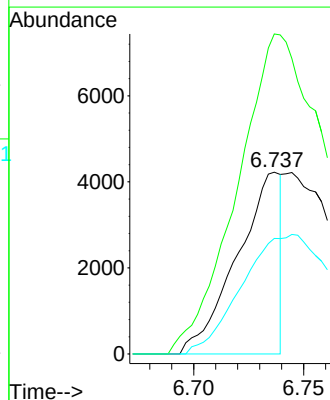
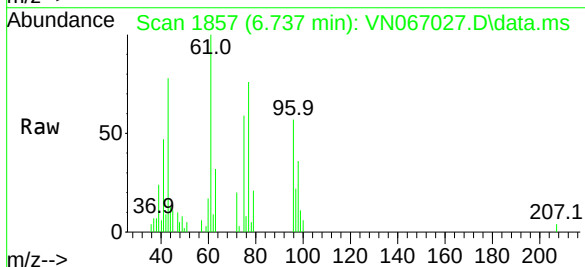
RT: 6.737 min Scan# 1857

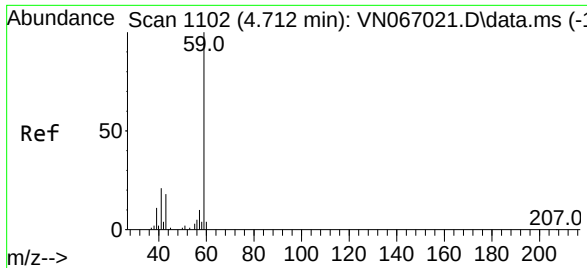
Delta R.T. -0.003 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

Tgt Ion:	96	Resp:	5852
Ion	Ratio	Lower	Upper
96	100		
61	377.4	129.4	194.2#
98	61.3	52.0	78.0

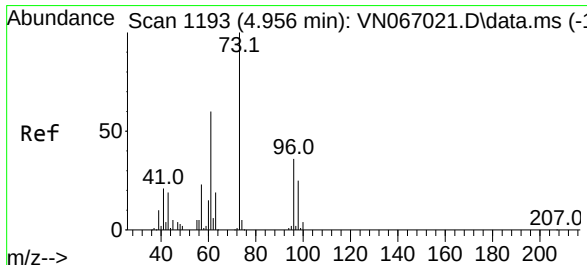
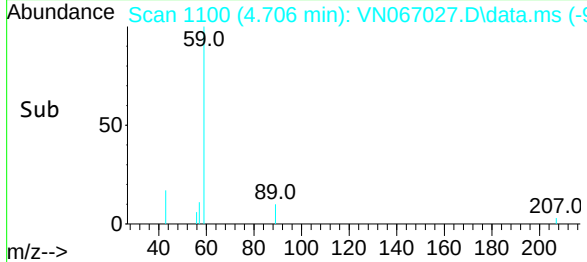
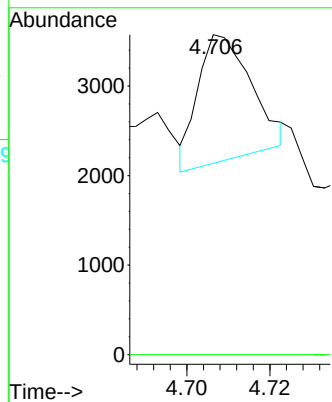
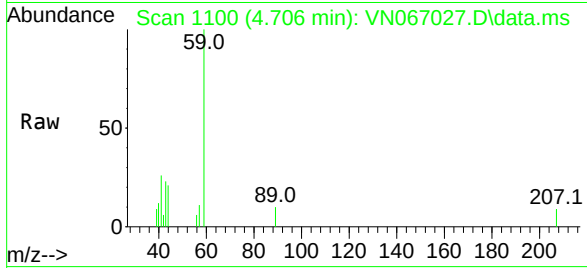




#23
tert-Butyl Alcohol
Concen: 1.25 ug/l
RT: 4.706 min Scan# 1100
Delta R.T. -0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

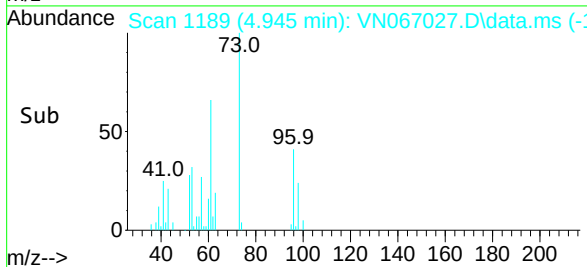
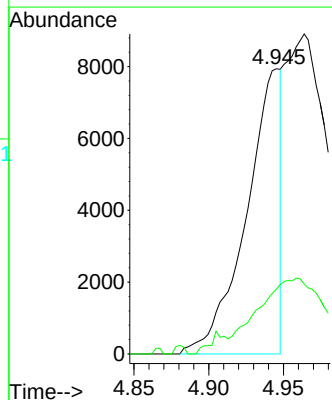
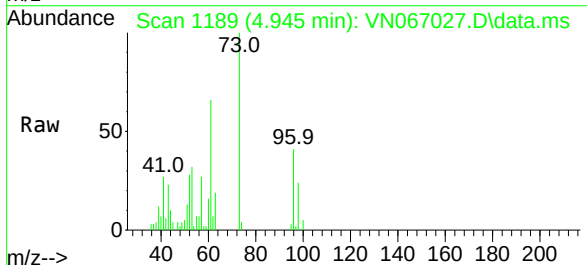
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

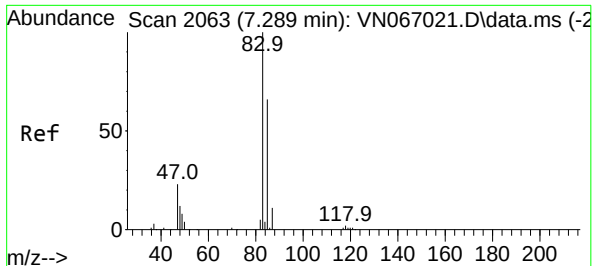
Tgt Ion: 59 Resp: 1263
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 0.85 ug/l
RT: 4.945 min Scan# 1189
Delta R.T. -0.011 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 73 Resp: 12670
Ion Ratio Lower Upper
73 100
43 18.8 16.2 24.4



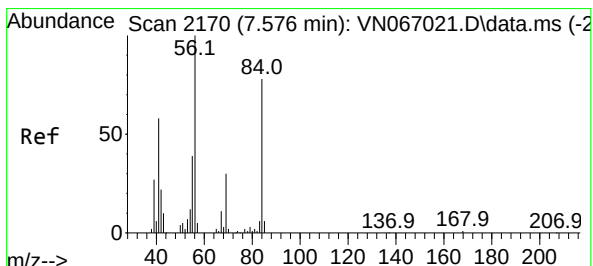
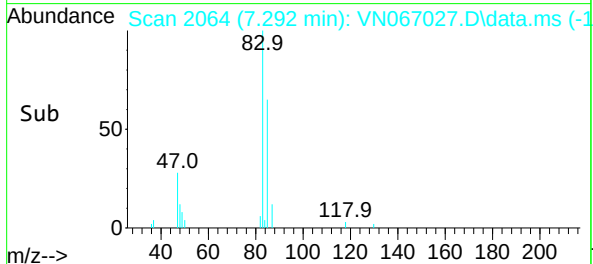
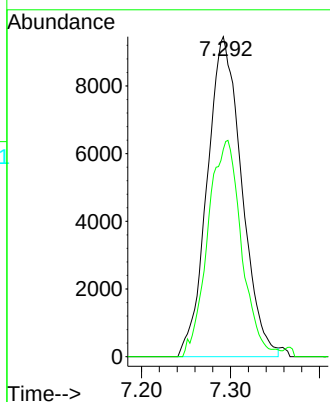
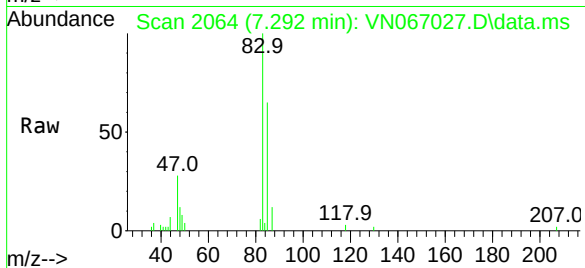


#25

Chloroform
Concen: 2.44 ug/l
RT: 7.292 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

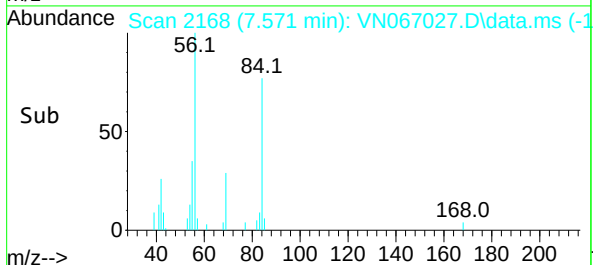
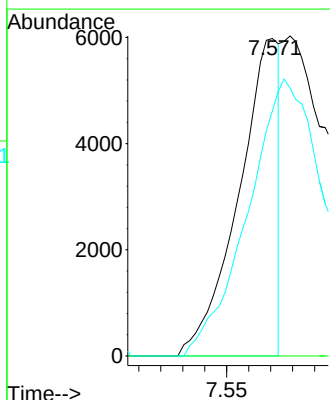
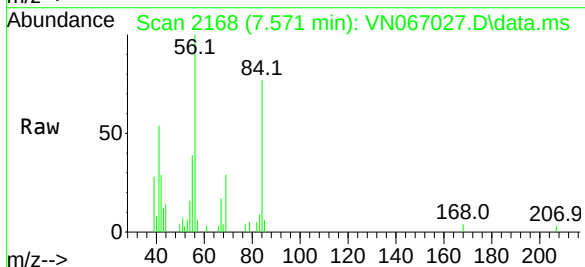
Tgt Ion: 83 Resp: 25477
Ion Ratio Lower Upper
83 100
85 64.8 53.0 79.6

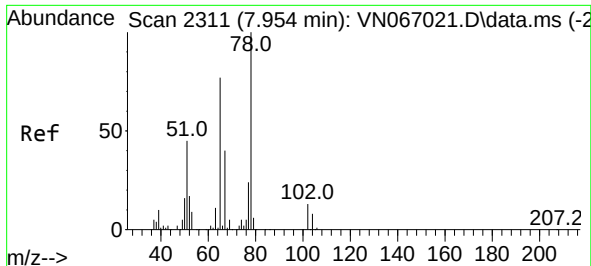


#26

Cyclohexane
Concen: 1.02 ug/l
RT: 7.571 min Scan# 2168
Delta R.T. -0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 56 Resp: 7671
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 167.6 64.2 96.2#





#27

1,2-Dichloroethane-d4

Concen: 30.00 ug/l

RT: 7.954 min Scan# 2311

Delta R.T. 0.000 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

Tgt Ion: 65 Resp: 208141

Ion Ratio Lower Upper

65 100

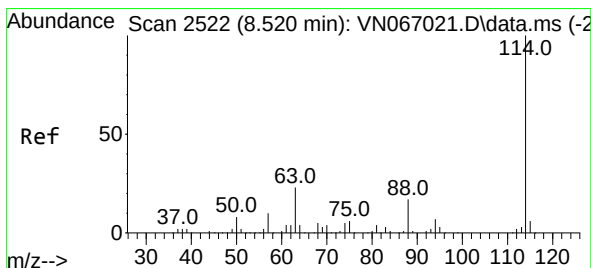
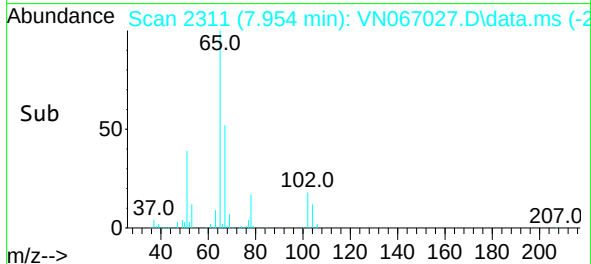
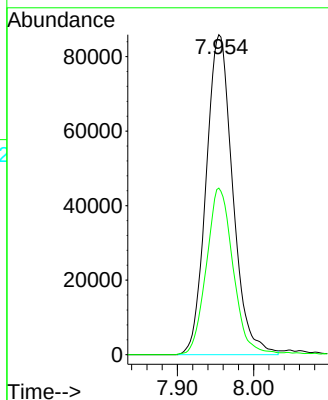
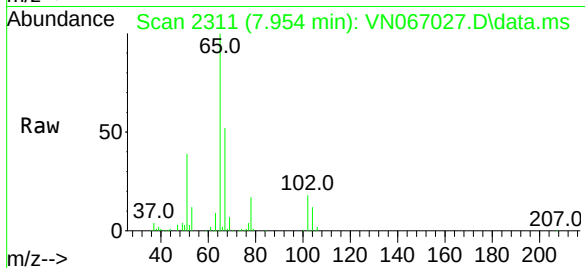
67 52.2 41.6 62.4

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-SOIL-01-QT2-202



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.520 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

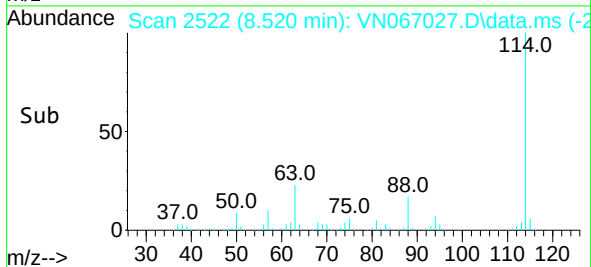
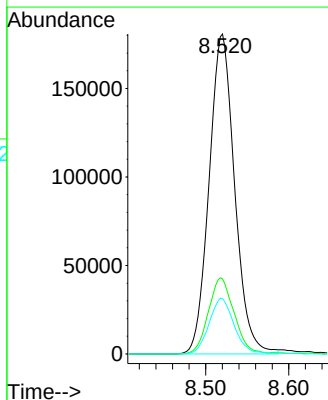
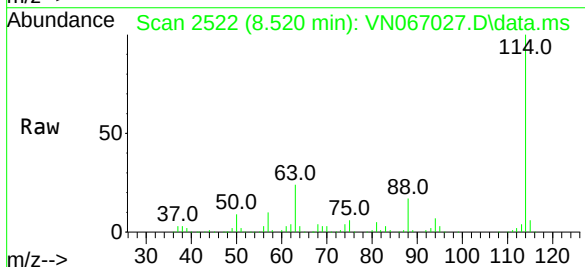
Tgt Ion: 114 Resp: 386042

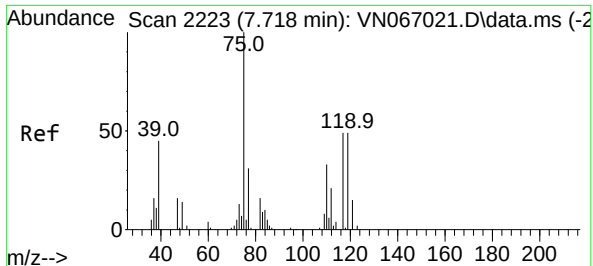
Ion Ratio Lower Upper

114 100

63 23.9 18.8 28.2

88 17.0 13.8 20.6





#29

1,1-Dichloropropene

Concen: 2.31 ug/l

RT: 7.721 min Scan# 2224

Delta R.T. 0.003 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

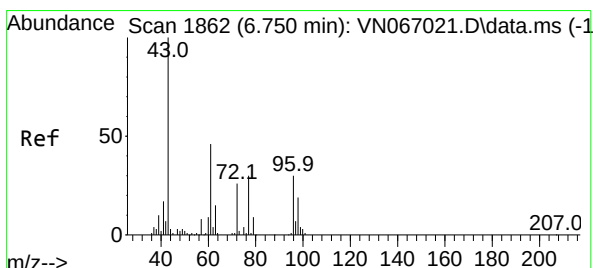
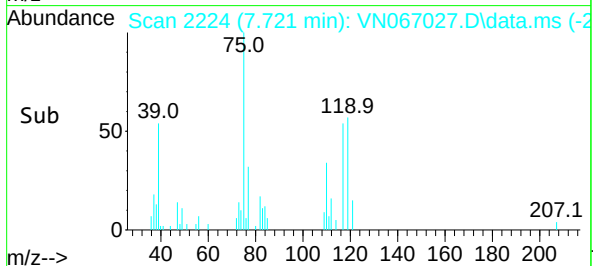
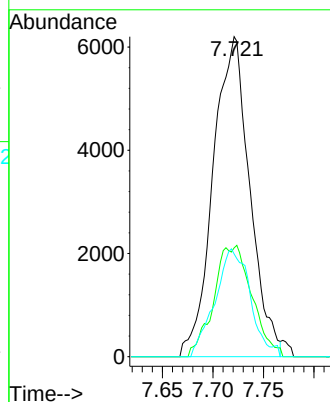
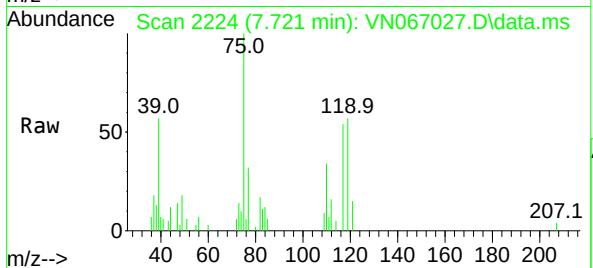
Tgt Ion: 75 Resp: 15599

Ion Ratio Lower Upper

75 100

110 17.8 0.0 65.6

77 32.1 0.0 60.2



#30

2-Butanone

Concen: 11.07 ug/l

RT: 6.761 min Scan# 1866

Delta R.T. 0.011 min

Lab File: VN067027.D

Acq: 6 May 2021 23:12

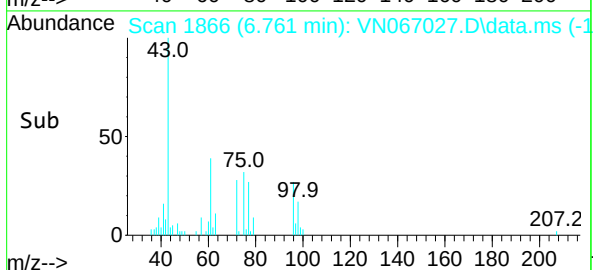
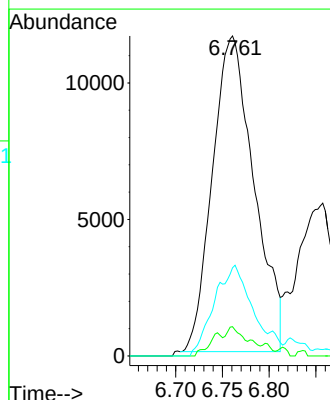
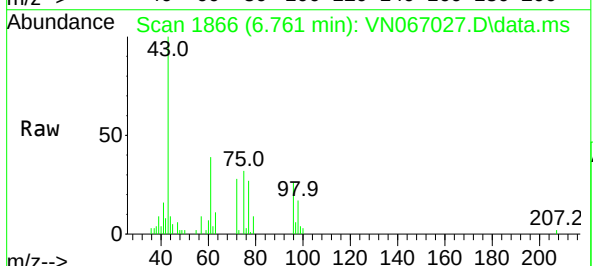
Tgt Ion: 43 Resp: 35828

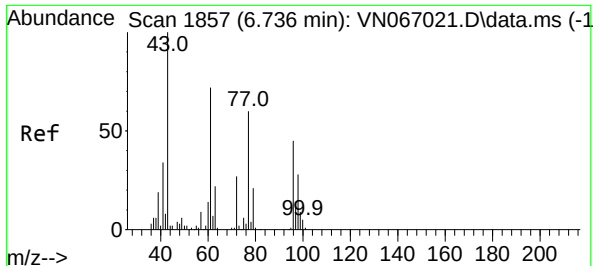
Ion Ratio Lower Upper

43 100

57 1.6 6.5 9.7#

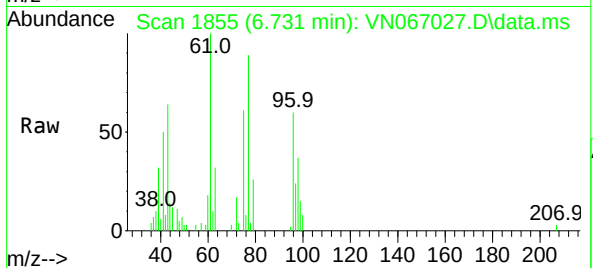
72 0.0 21.2 31.8#



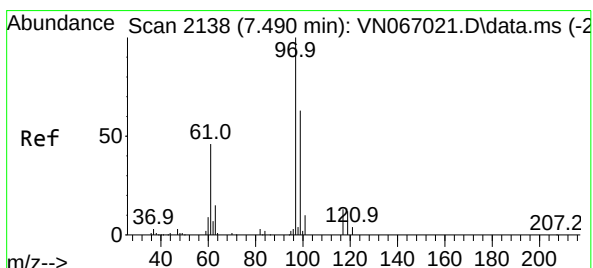
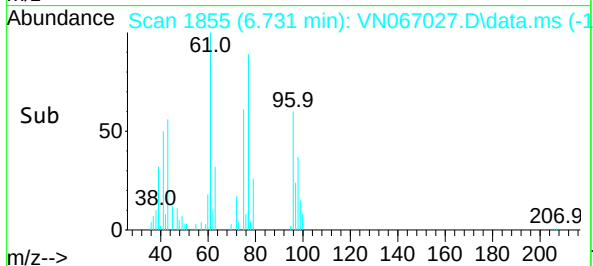
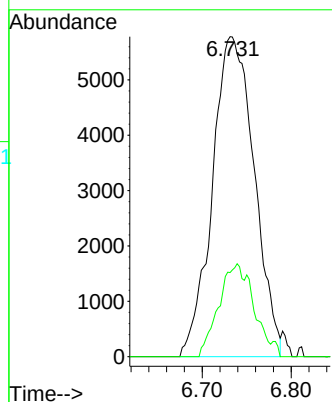


#31
2,2-Dichloropropane
Concen: 2.32 ug/l
RT: 6.731 min Scan# 1855
Delta R.T. -0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

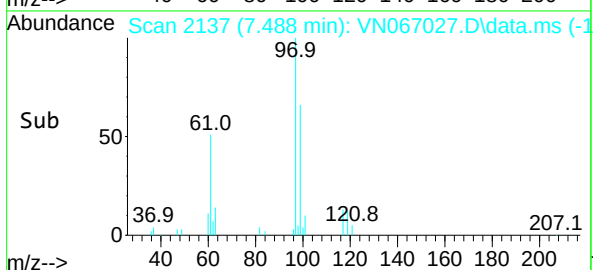
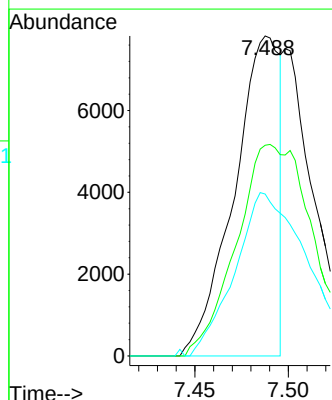
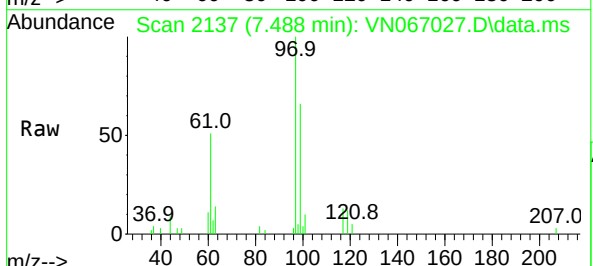


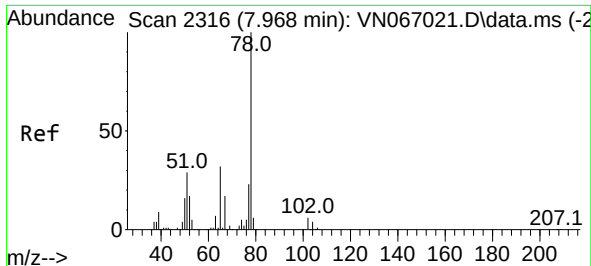
Tgt Ion: 77 Resp: 18898
Ion Ratio Lower Upper
77 100
97 16.9 17.4 26.2#



#32
1,1,1-Trichloroethane
Concen: 1.51 ug/l
RT: 7.488 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

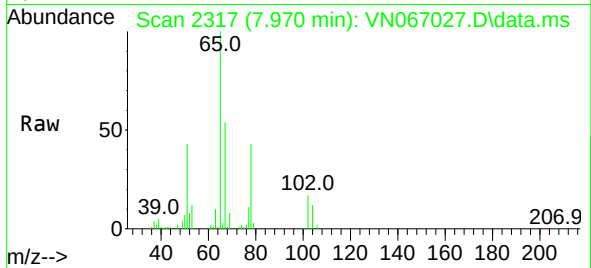
Tgt Ion: 97 Resp: 13247
Ion Ratio Lower Upper
97 100
99 69.9 50.6 75.8
61 81.3 36.6 55.0#



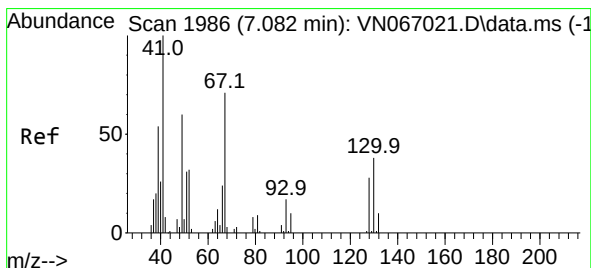
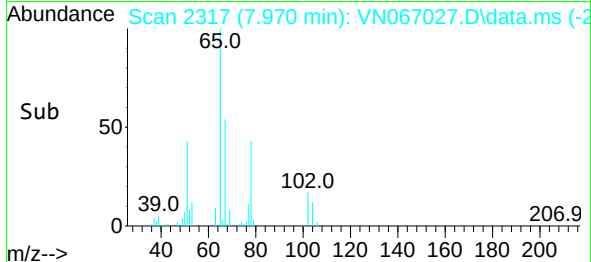
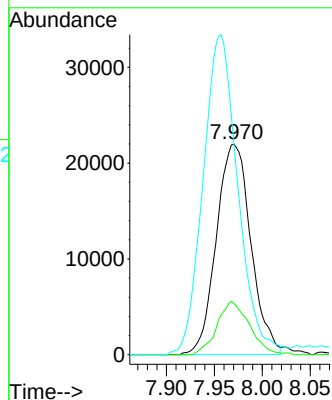


#34
Benzene
Concen: 2.51 ug/l
RT: 7.970 min Scan# 2317
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

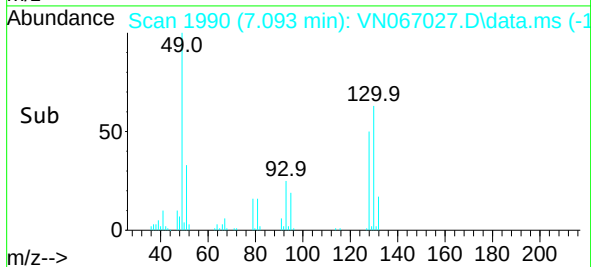
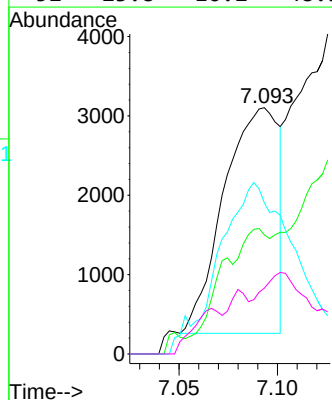
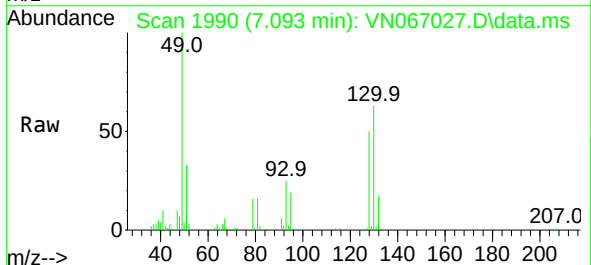


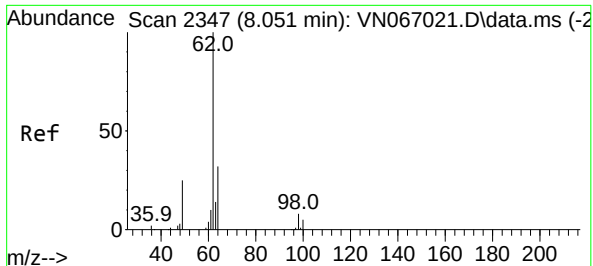
Tgt Ion: 78 Resp: 54942
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8
51 96.0 23.4 35.0#



#35
Methacrylonitrile
Concen: 1.81 ug/l
RT: 7.093 min Scan# 1990
Delta R.T. 0.011 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 41 Resp: 5477
Ion Ratio Lower Upper
41 100
39 45.4 27.6 82.8
67 58.7 35.5 106.5
52 23.8 16.2 48.5

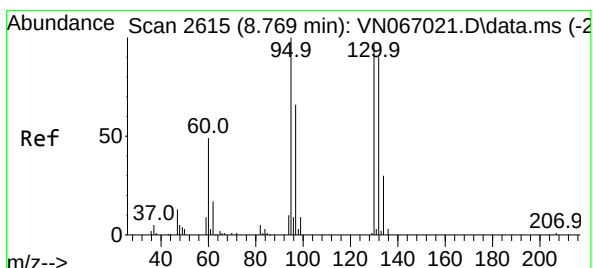
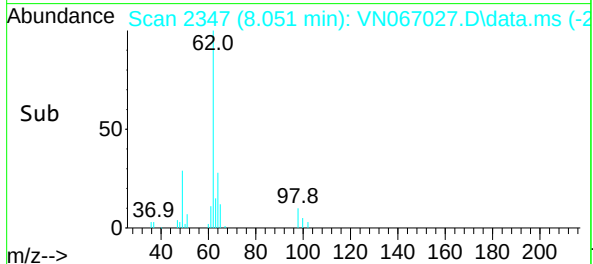
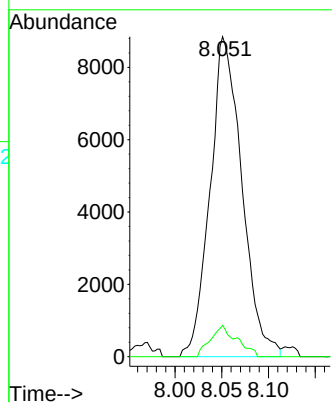
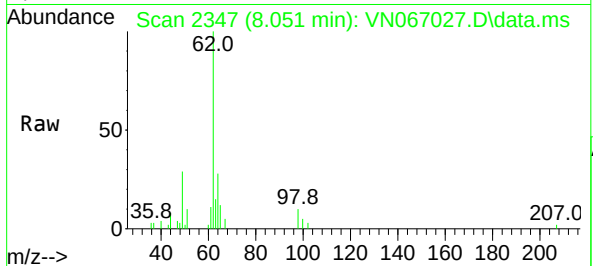




#36
1,2-Dichloroethane
Concen: 2.57 ug/l
RT: 8.051 min Scan# 2347
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

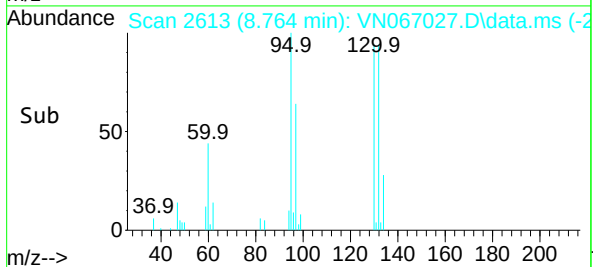
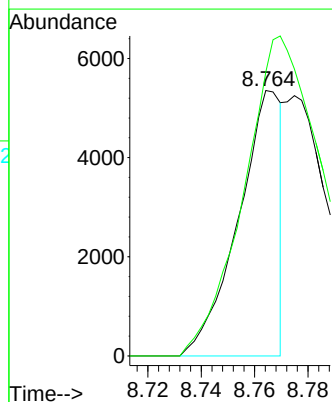
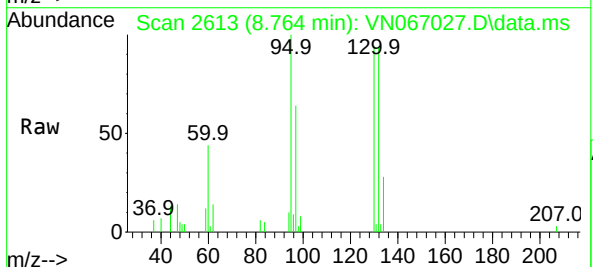
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

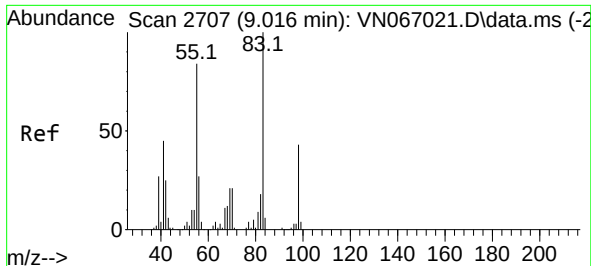
Tgt Ion: 62 Resp: 20936
Ion Ratio Lower Upper
62 100
98 5.8 6.5 9.7#



#37
Trichloroethene
Concen: 1.26 ug/l
RT: 8.764 min Scan# 2613
Delta R.T. -0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 130 Resp: 5959
Ion Ratio Lower Upper
130 100
95 106.9 83.5 125.3

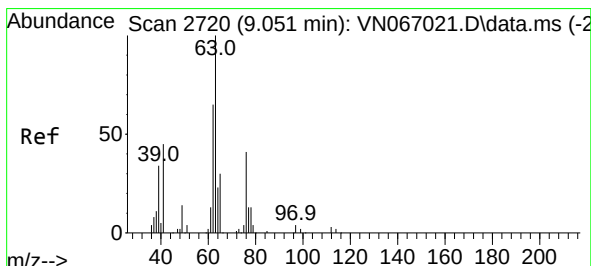
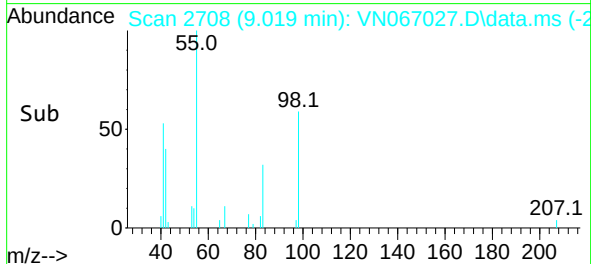
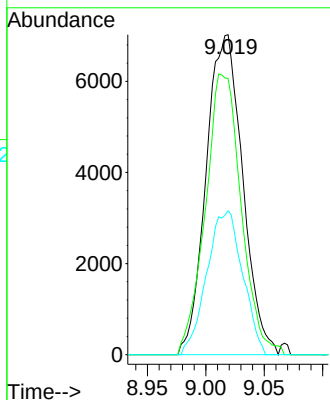
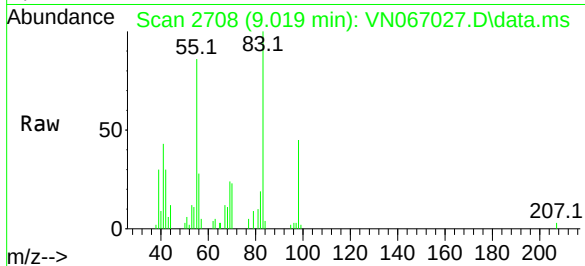




#38
Methylcyclohexane
Concen: 2.27 ug/l
RT: 9.019 min Scan# 2708
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

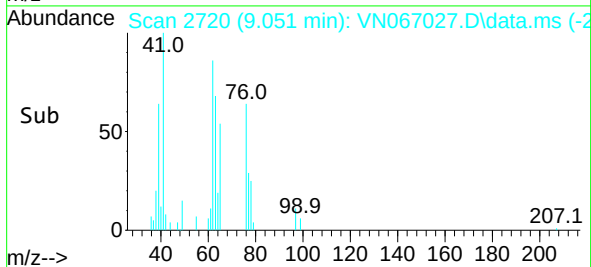
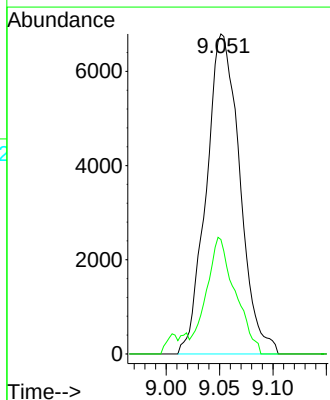
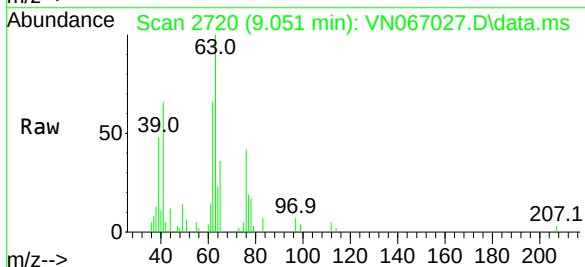
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

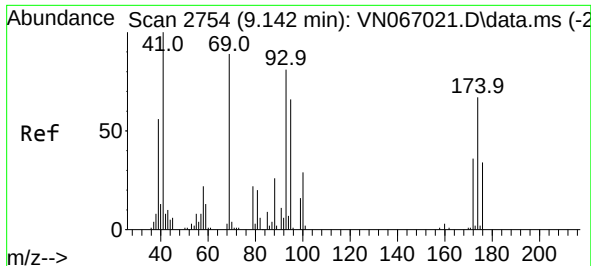
Tgt Ion: 83 Resp: 15265
Ion Ratio Lower Upper
83 100
55 86.0 43.1 129.3
98 20.5 22.0 66.0#



#39
1,2-Dichloropropane
Concen: 2.44 ug/l
RT: 9.051 min Scan# 2720
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 63 Resp: 14808
Ion Ratio Lower Upper
63 100
65 35.8 24.7 37.1

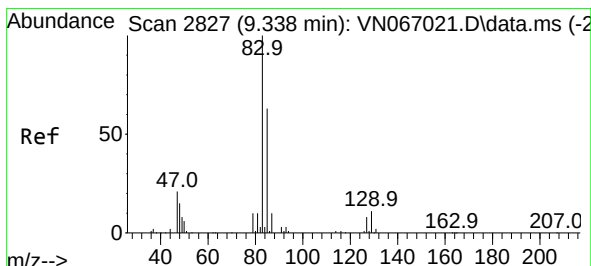
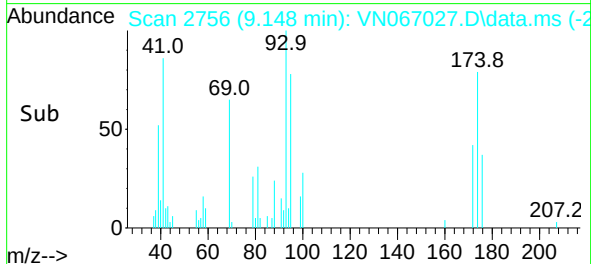
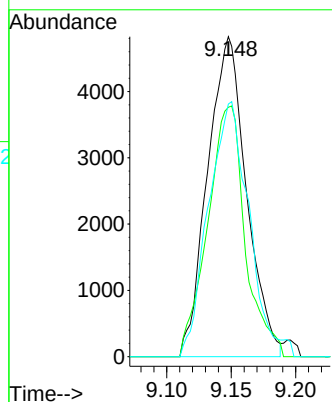
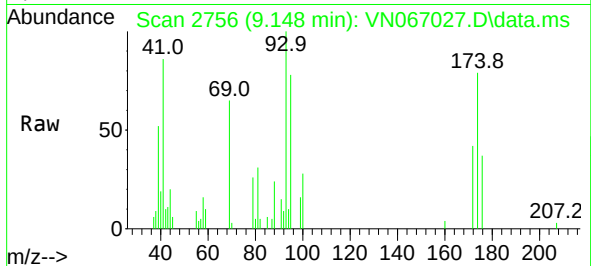




#40
Dibromomethane
Concen: 2.69 ug/l
RT: 9.148 min Scan# 2756
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

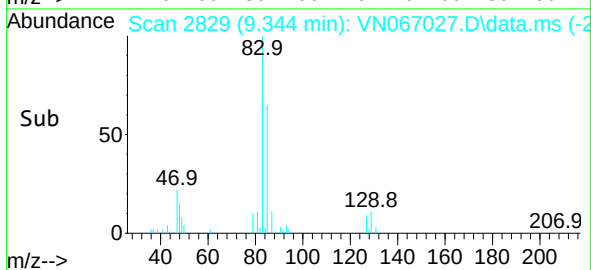
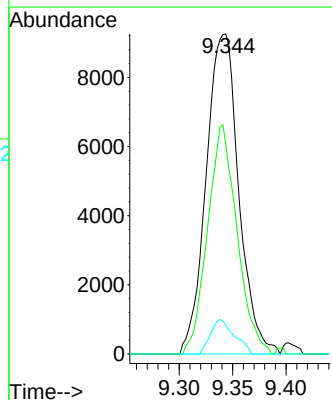
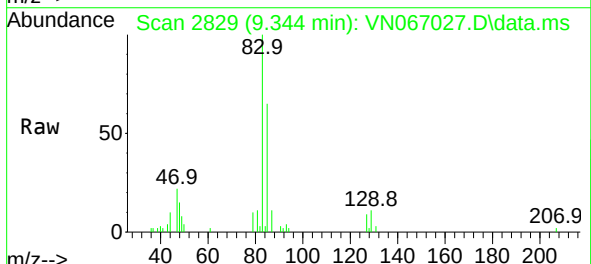
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

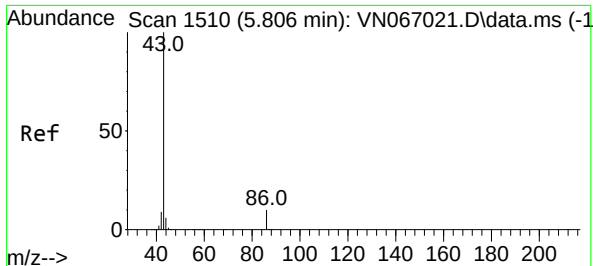
Tgt Ion: 93	Resp: 10103
Ion Ratio	Lower Upper
93 100	
95 75.5	0.0 166.4
174 82.7	0.0 175.8



#41
Bromodichloromethane
Concen: 2.48 ug/l
RT: 9.344 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 83	Resp: 19685
Ion Ratio	Lower Upper
83 100	
85 65.4	50.0 75.0
127 8.9	6.5 9.7

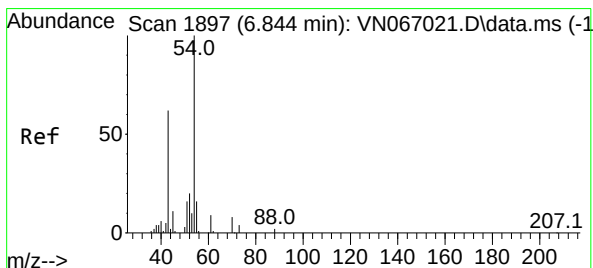
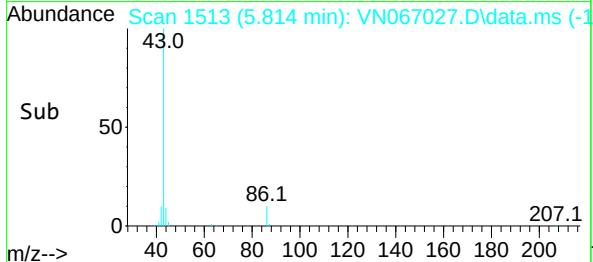
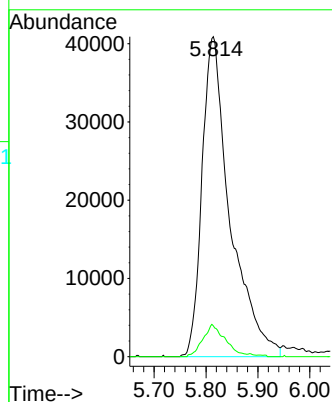
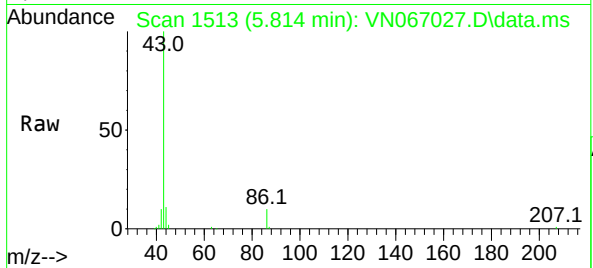




#42
 Vinyl Acetate
 Concen: 11.01 ug/l
 RT: 5.814 min Scan# 1513
 Delta R.T. 0.008 min
 Lab File: VN067027.D
 Acq: 6 May 2021 23:12

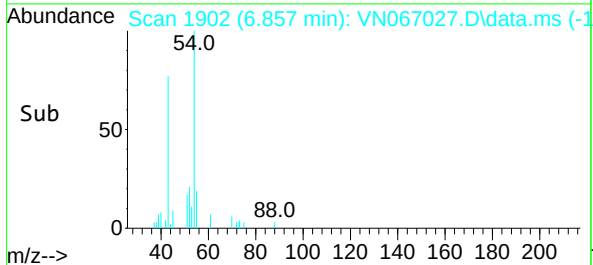
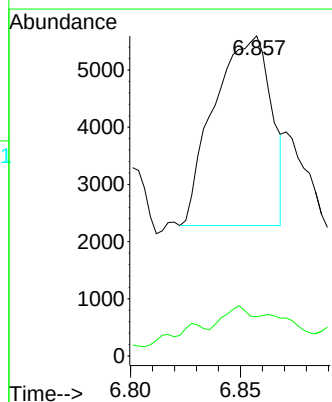
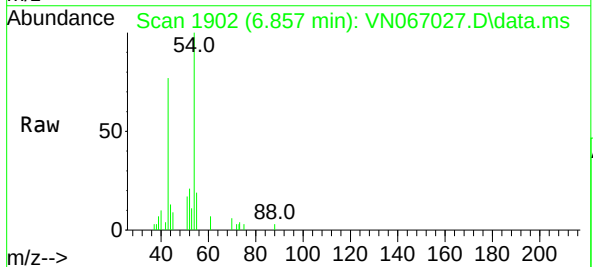
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

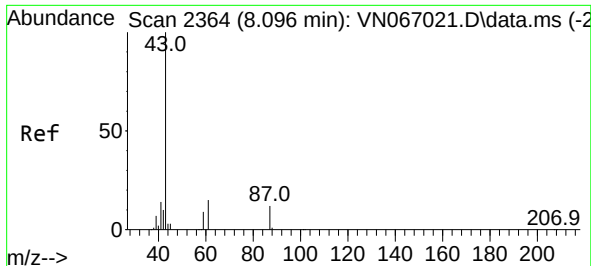
Tgt Ion: 43 Resp: 153673
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.8 10.2



#43
 Ethyl Acetate
 Concen: 0.78 ug/l
 RT: 6.857 min Scan# 1902
 Delta R.T. 0.014 min
 Lab File: VN067027.D
 Acq: 6 May 2021 23:12

Tgt Ion: 43 Resp: 5981
 Ion Ratio Lower Upper
 43 100
 45 5.9 9.9 14.9#

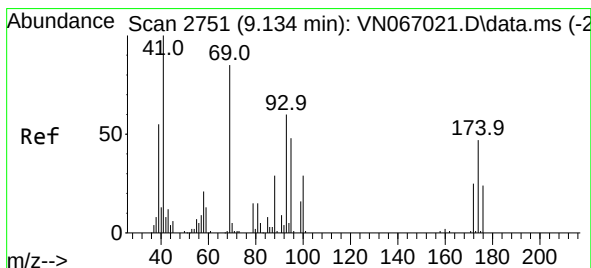
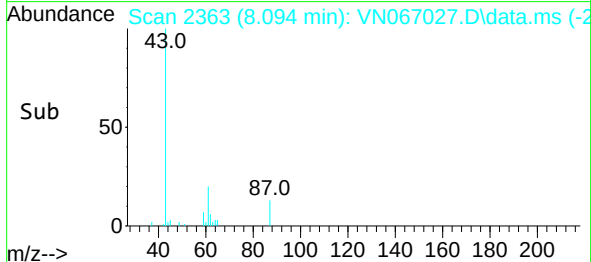
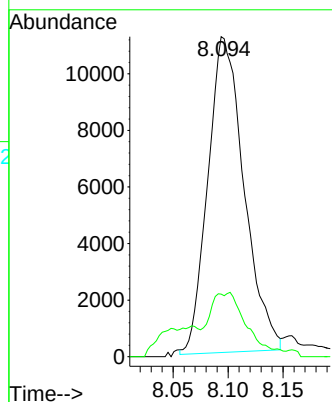
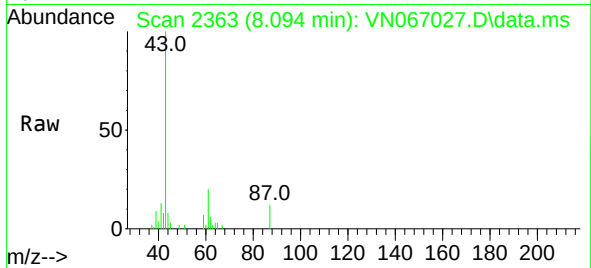




#44
Isopropyl Acetate
Concen: 2.20 ug/l
RT: 8.094 min Scan# 2363
Delta R.T. -0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

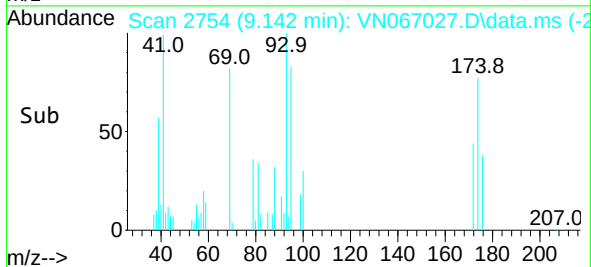
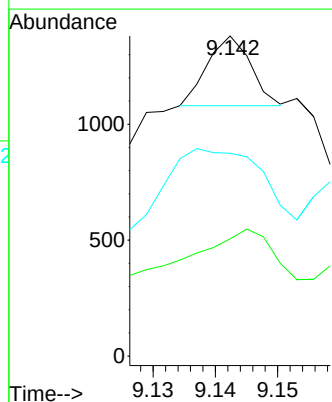
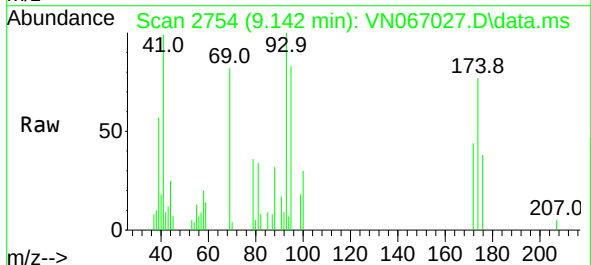
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

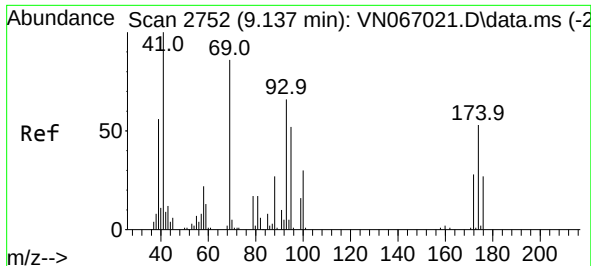
Tgt Ion: 43 Resp: 25510
Ion Ratio Lower Upper
43 100
61 3.8 15.8 23.6#



#45
1,4-Dioxane
Concen: 1.97 ug/l
RT: 9.142 min Scan# 2754
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 410.3 28.0 42.0#
58 1069.2 62.8 94.2#

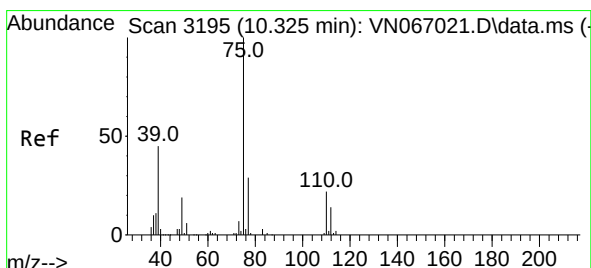
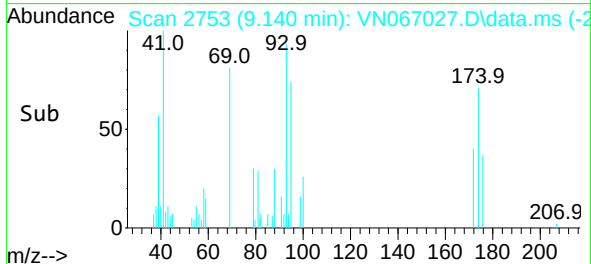
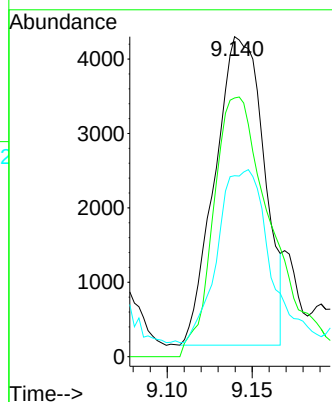
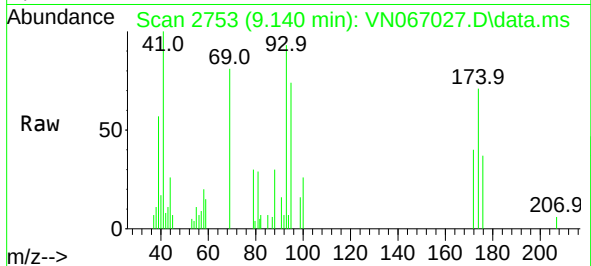




#46
Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.140 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

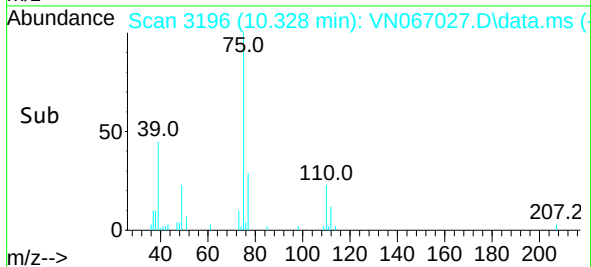
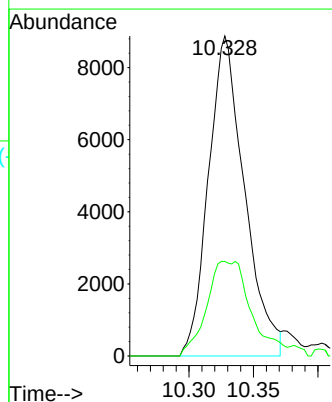
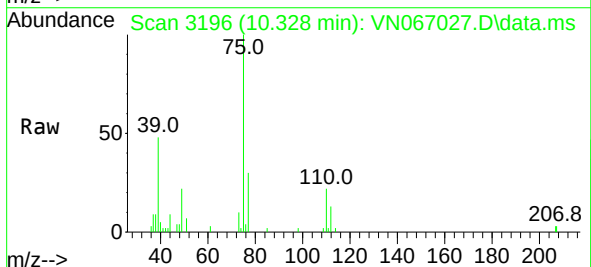
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

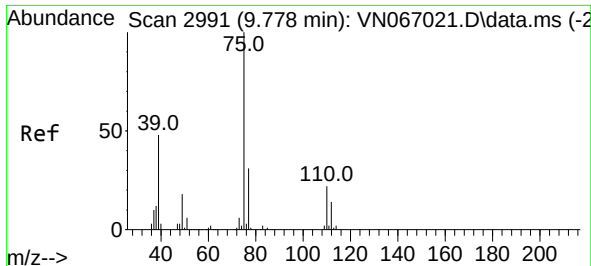
Tgt Ion: 41 Resp: 8337
Ion Ratio Lower Upper
41 100
69 83.8 42.7 128.1
39 54.1 28.1 84.2



#48
t-1,3-Dichloropropene
Concen: 2.12 ug/l
RT: 10.328 min Scan# 3196
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 75 Resp: 17242
Ion Ratio Lower Upper
75 100
77 29.6 23.0 34.6



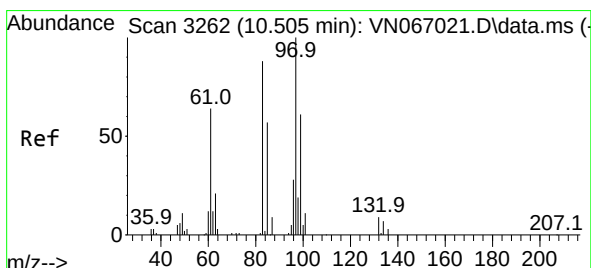
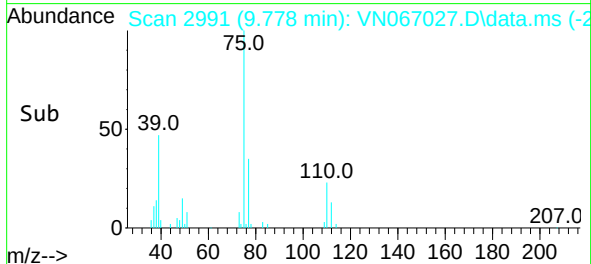
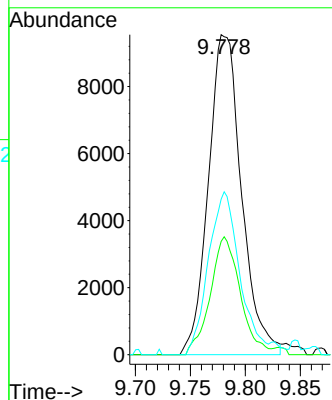
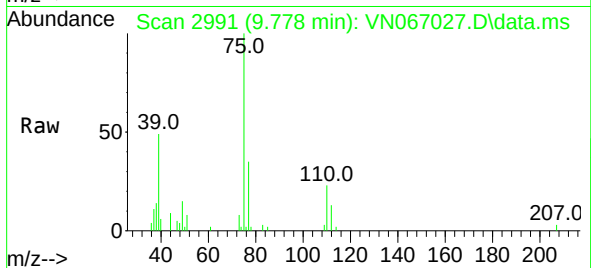


#49

cis-1,3-Dichloropropene
Concen: 2.25 ug/l
RT: 9.778 min Scan# 2991
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

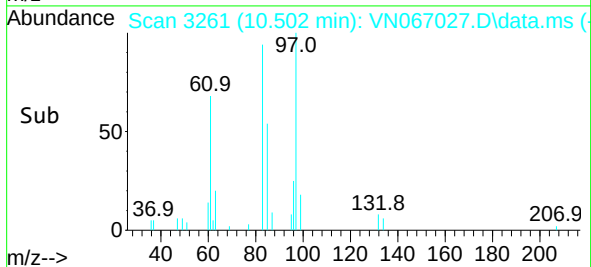
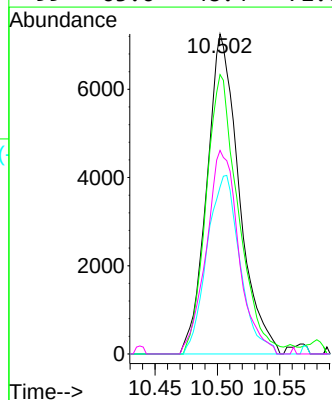
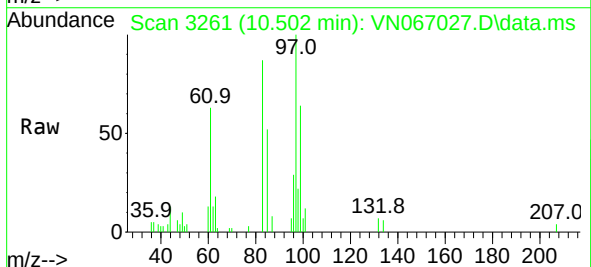
Tgt Ion:	75	Resp:	20002
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.0	37.4
39	48.6	38.2	57.2

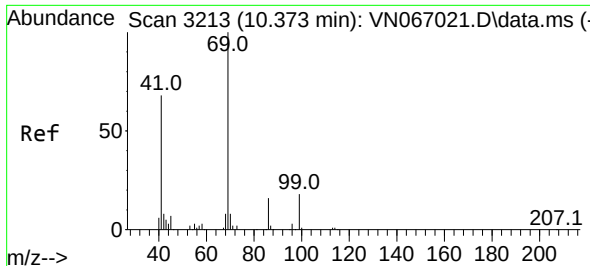


#50

1,1,2-Trichloroethane
Concen: 2.51 ug/l
RT: 10.502 min Scan# 3261
Delta R.T. -0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion:	97	Resp:	13042
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.6	106.0
85	52.1	45.6	68.4
99	63.6	48.4	72.6

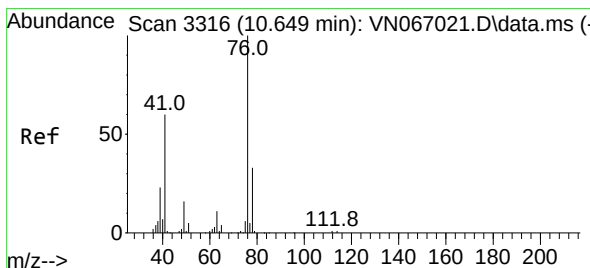
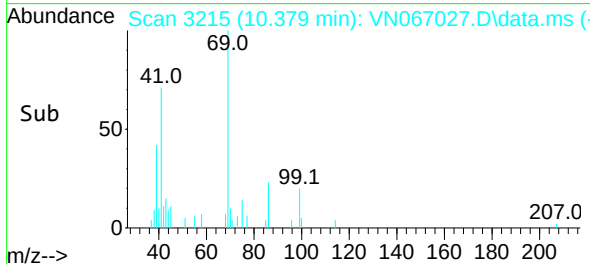
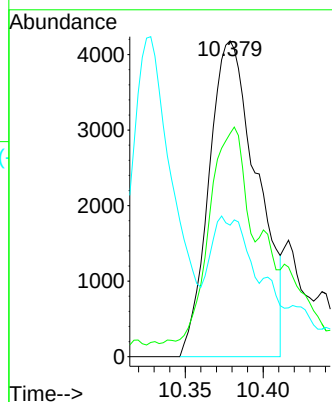
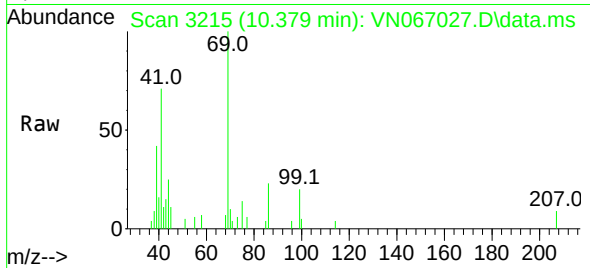




#51
Ethyl methacrylate
Concen: 1.33 ug/l
RT: 10.379 min Scan# 3215
Delta R.T. 0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

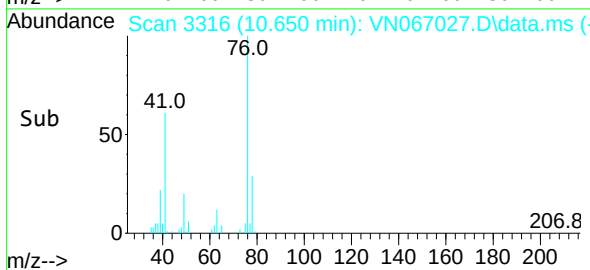
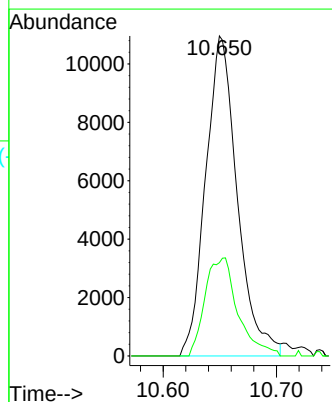
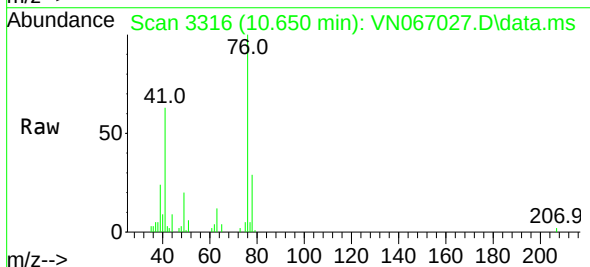
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

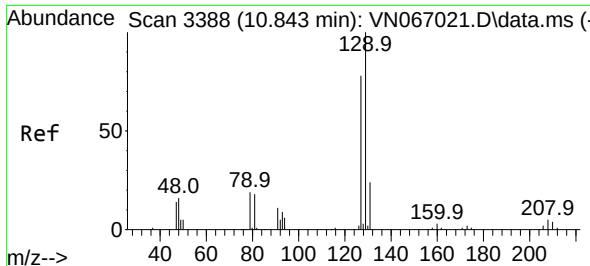
Tgt Ion: 69 Resp: 9028
Ion Ratio Lower Upper
69 100
41 65.3 33.9 101.7
39 25.5 17.3 51.9



#52
1,3-Dichloropropane
Concen: 2.36 ug/l
RT: 10.650 min Scan# 3316
Delta R.T. 0.001 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 76 Resp: 21238
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.4

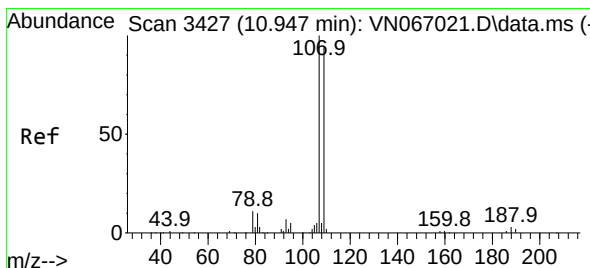
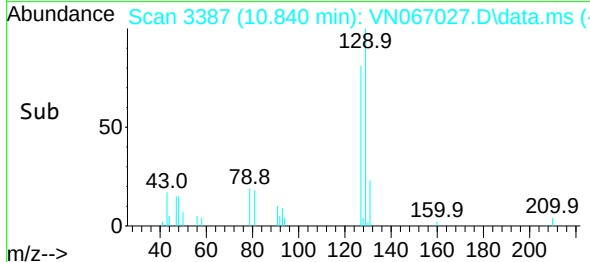
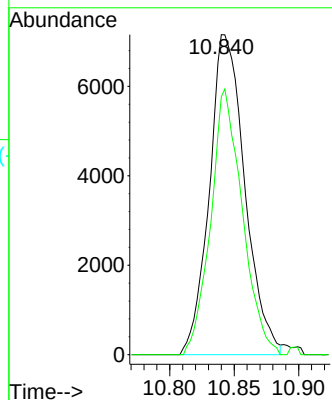
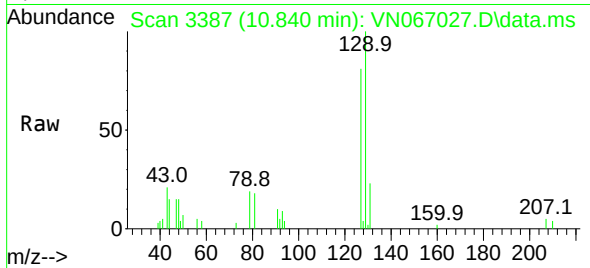




#53
Dibromochloromethane
Concen: 2.40 ug/l
RT: 10.840 min Scan# 3387
Delta R.T. -0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

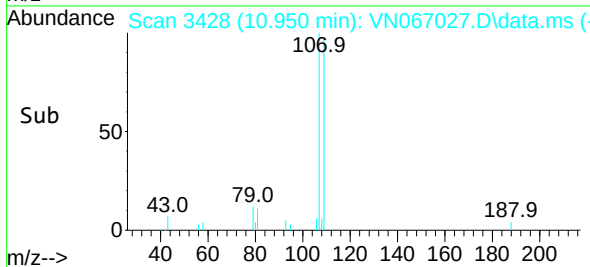
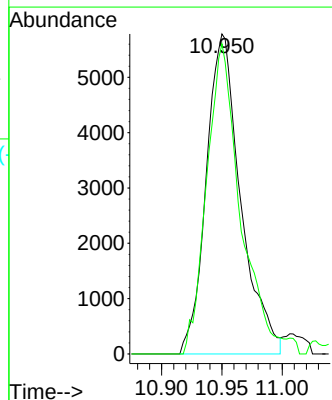
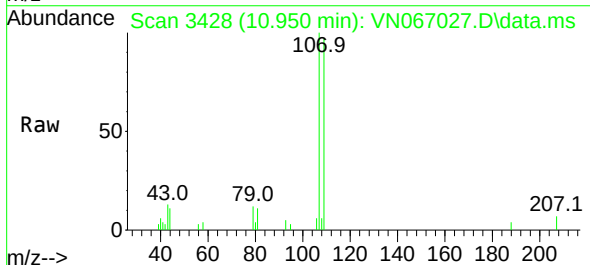
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

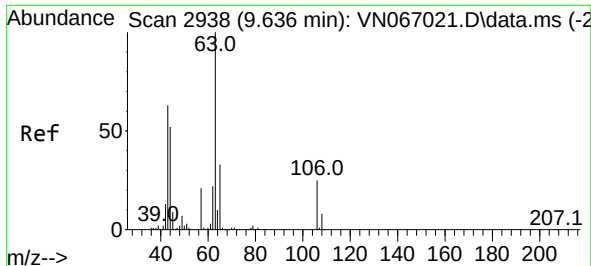
Tgt Ion:129 Resp: 13681
Ion Ratio Lower Upper
129 100
127 74.0 38.6 115.8



#54
1,2-Dibromoethane
Concen: 2.31 ug/l
RT: 10.950 min Scan# 3428
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

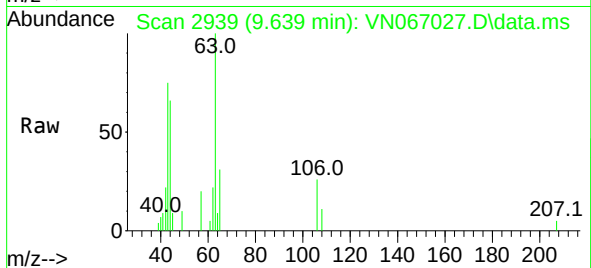
Tgt Ion:107 Resp: 11458
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6



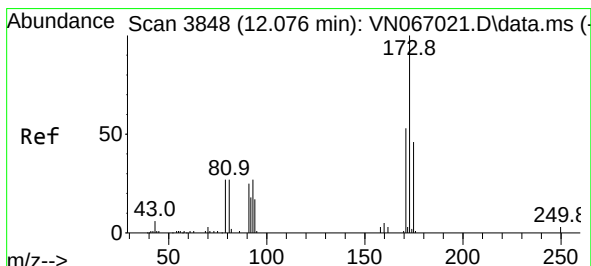
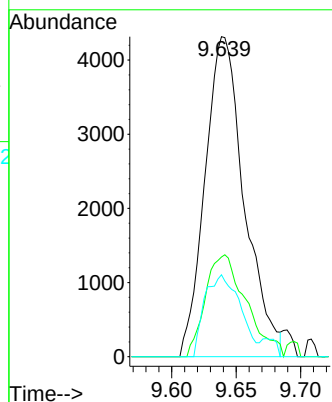
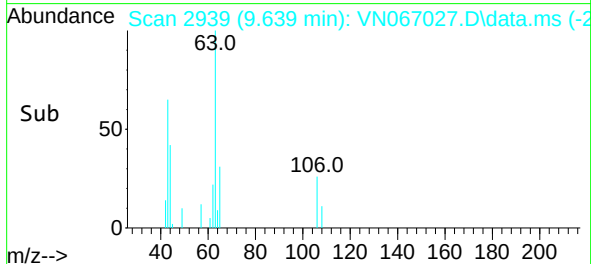


#55
2-Chloroethyl vinyl ether
Concen: 7.03 ug/l
RT: 9.639 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

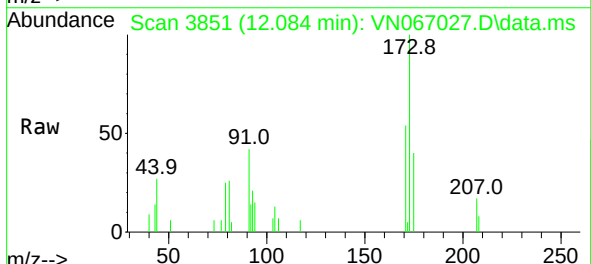
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



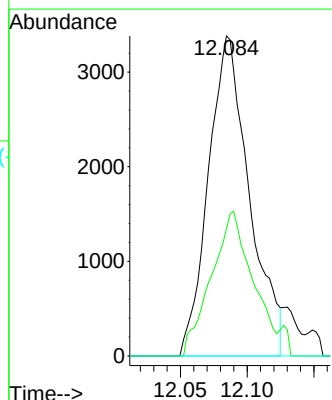
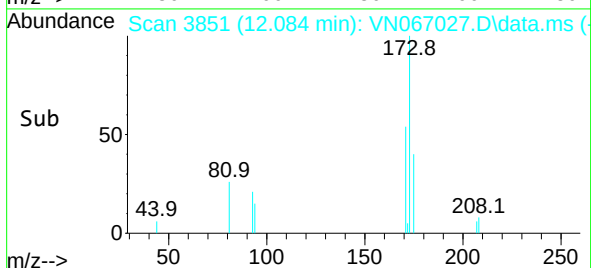
Tgt Ion: 63 Resp: 9135
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.2
106 0.0 18.9 28.3#

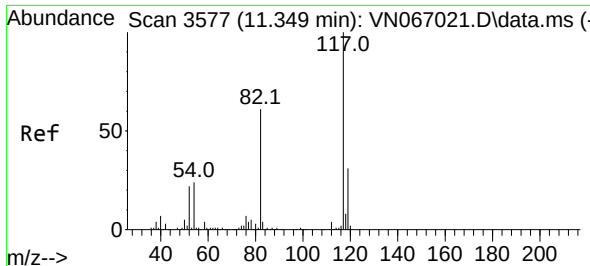


#56
Bromoform
Concen: 1.90 ug/l
RT: 12.084 min Scan# 3851
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12



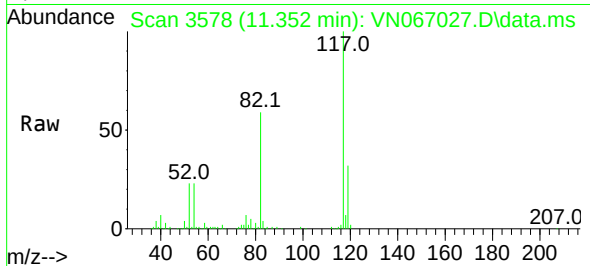
Tgt Ion: 173 Resp: 7209
Ion Ratio Lower Upper
173 100
175 45.7 38.6 57.8
254 0.0 0.0 0.0



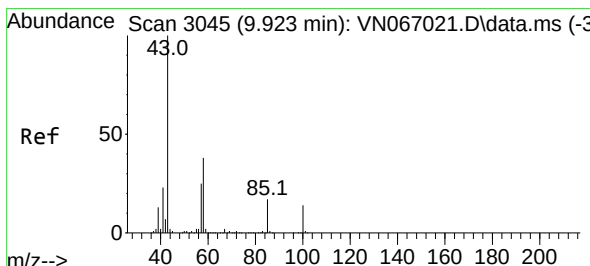
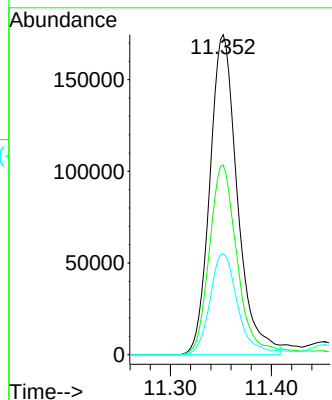
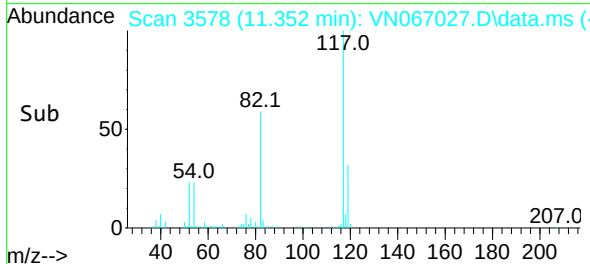


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

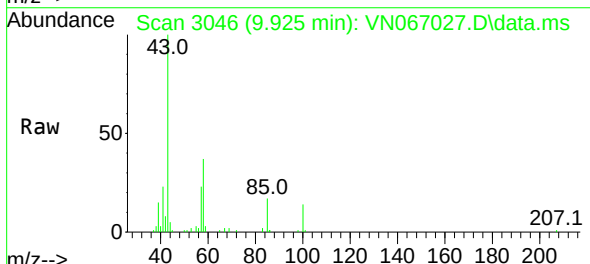
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



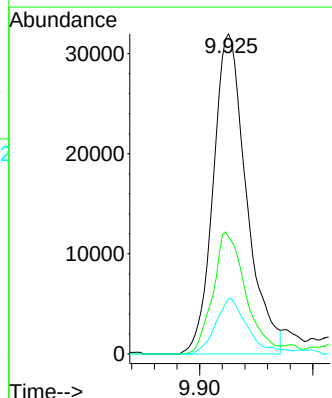
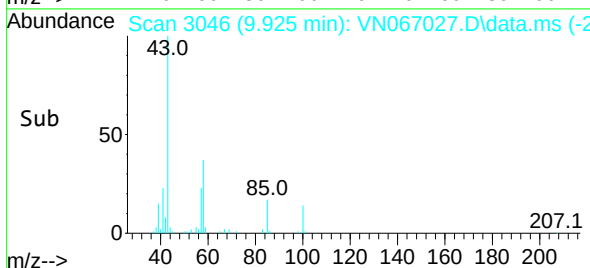
Tgt Ion:117 Resp: 330472
Ion Ratio Lower Upper
117 100
82 60.6 49.3 73.9
119 31.4 25.5 38.3

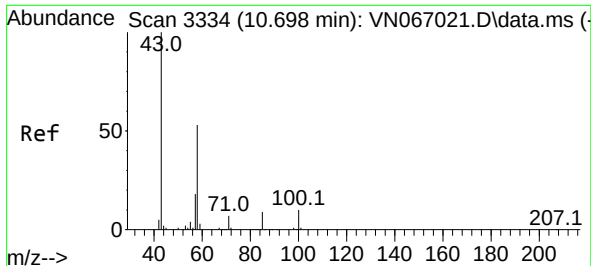


#58
4-Methyl-2-Pentanone
Concen: 10.49 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12



Tgt Ion: 43 Resp: 64929
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6
85 16.8 13.4 20.0

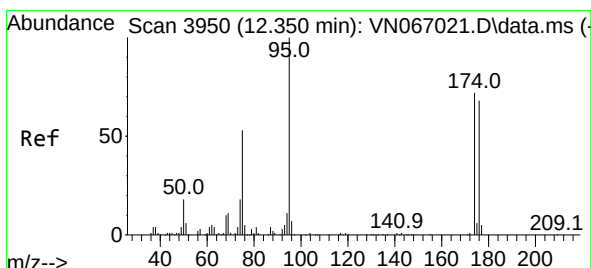
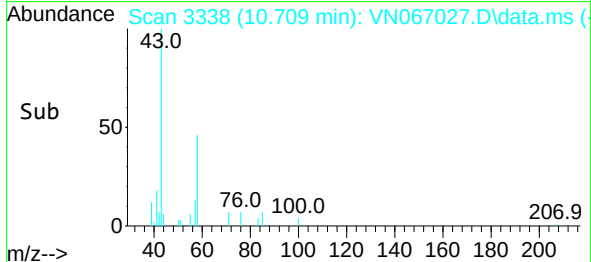
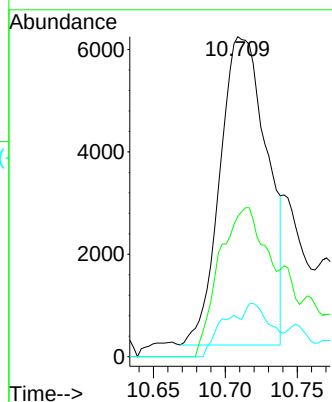
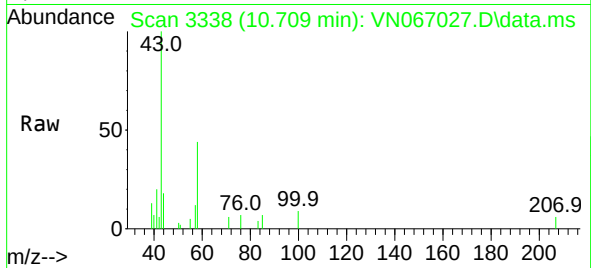




#59
2-Hexanone
Concen: 3.75 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.011 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

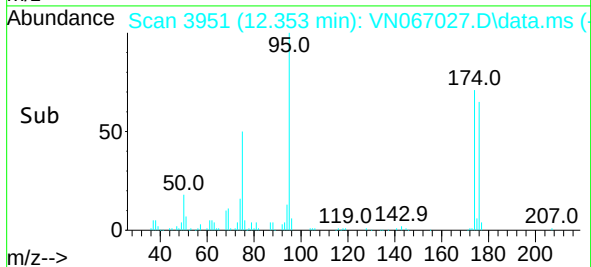
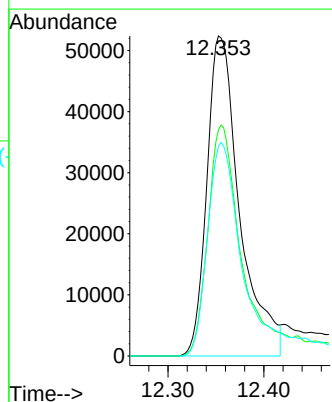
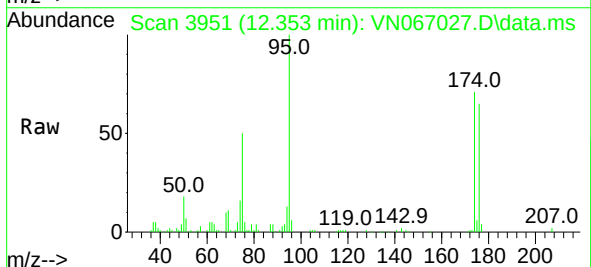
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

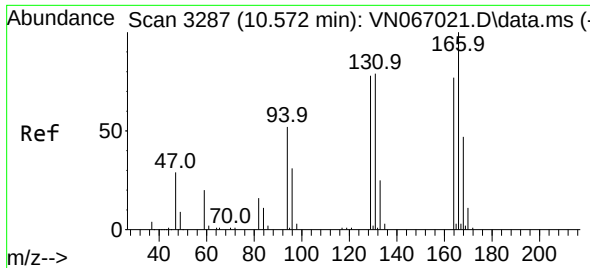
Tgt Ion: 43 Resp: 13698
Ion Ratio Lower Upper
43 100
58 49.1 42.7 64.1
57 8.6 14.7 22.1#



#60
4-Bromofluorobenzene
Concen: 22.67 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

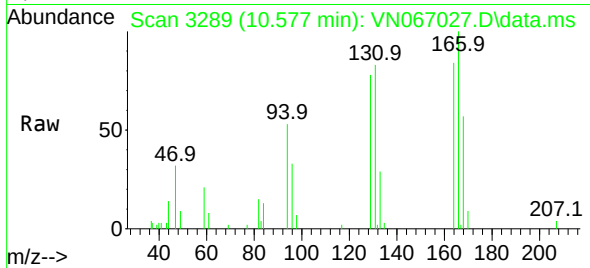
Tgt Ion: 95 Resp: 124621
Ion Ratio Lower Upper
95 100
174 73.8 57.2 85.8
176 69.9 54.5 81.7



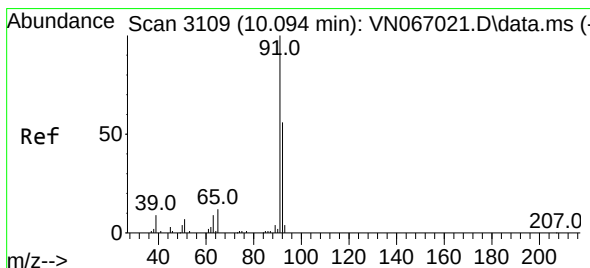
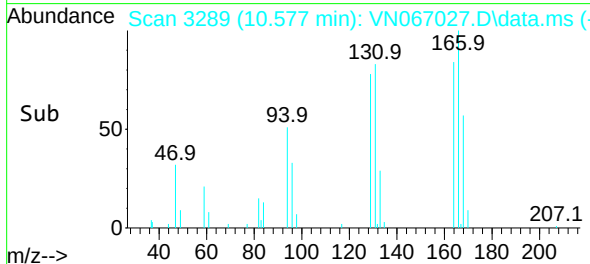
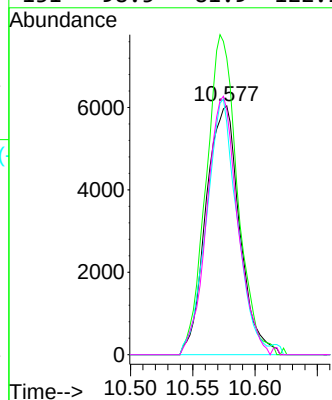


#61
Tetrachloroethene
Concen: 3.02 ug/l
RT: 10.577 min Scan# 3289
Delta R.T. 0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

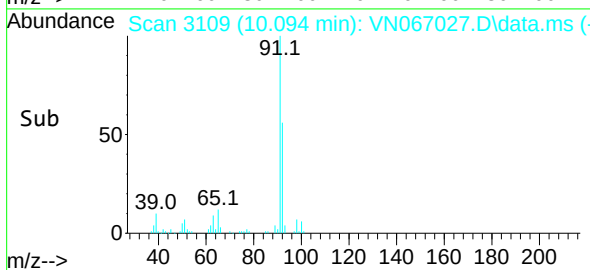
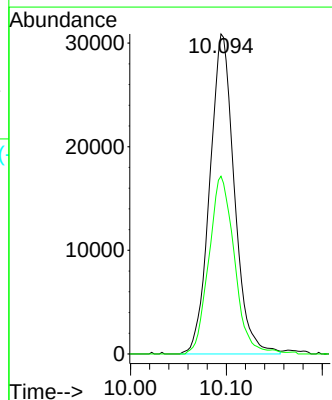
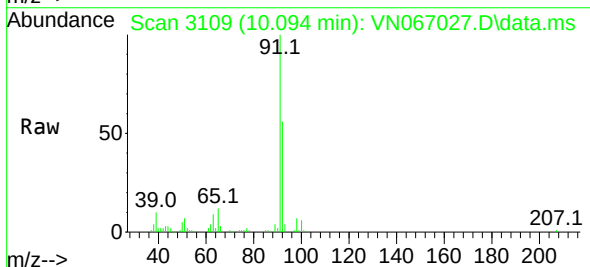


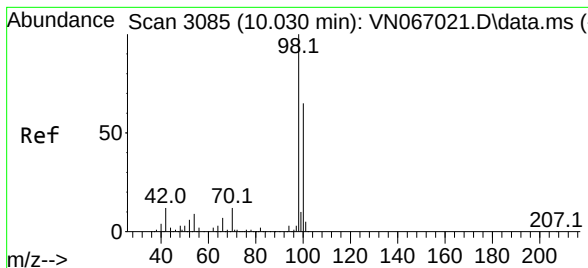
Tgt Ion:164 Resp: 11328
Ion Ratio Lower Upper
164 100
166 119.2 103.4 155.0
129 93.3 80.6 120.8
131 98.5 81.9 122.9



#62
Toluene
Concen: 2.69 ug/l
RT: 10.094 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 91 Resp: 54936
Ion Ratio Lower Upper
91 100
92 57.3 46.2 69.2

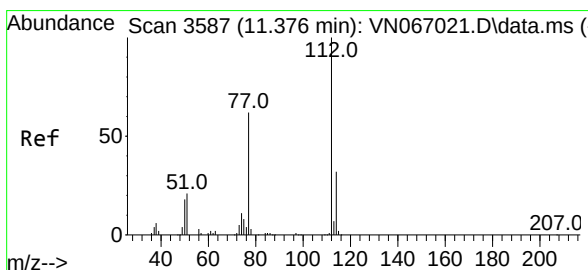
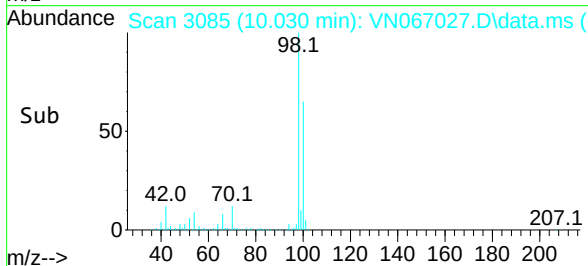
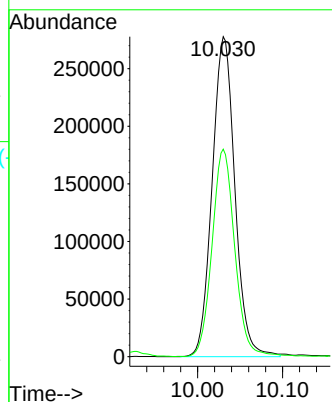
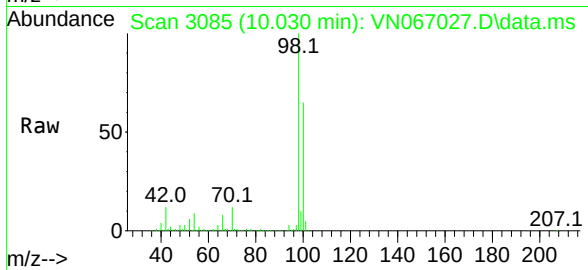




#63
Toluene-d8
Concen: 31.56 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

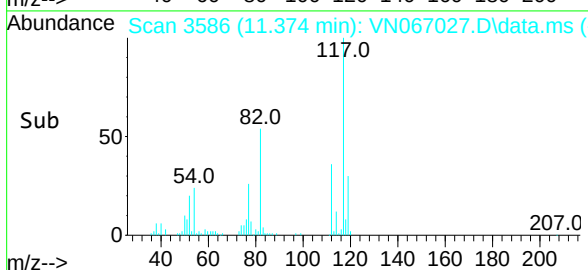
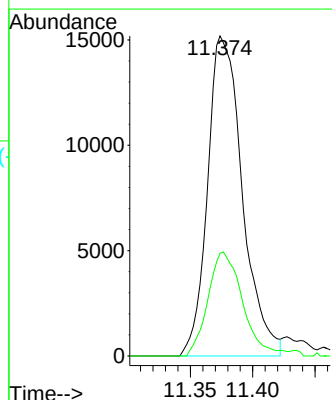
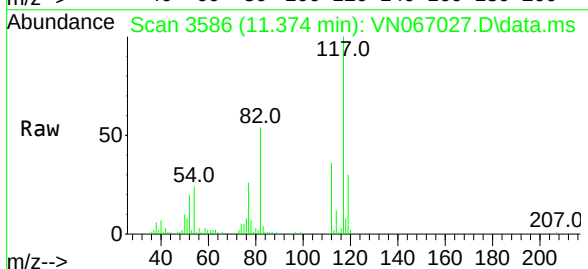
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

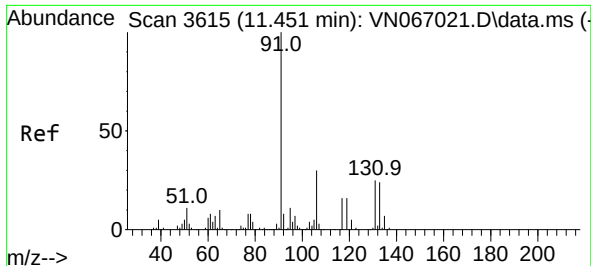
Tgt Ion: 98 Resp: 516575
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



#64
Chlorobenzene
Concen: 2.48 ug/l
RT: 11.374 min Scan# 3586
Delta R.T. -0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 112 Resp: 29471
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8

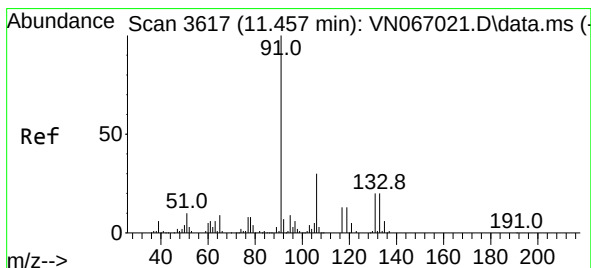
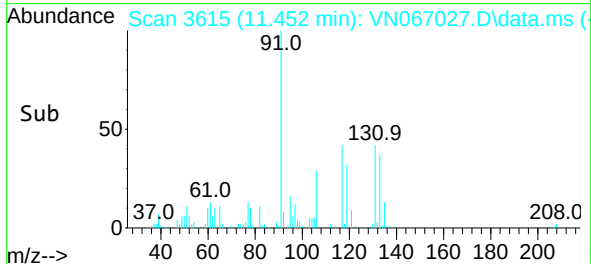
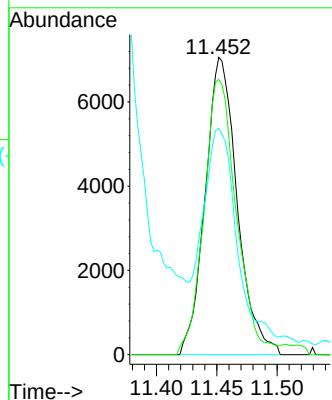
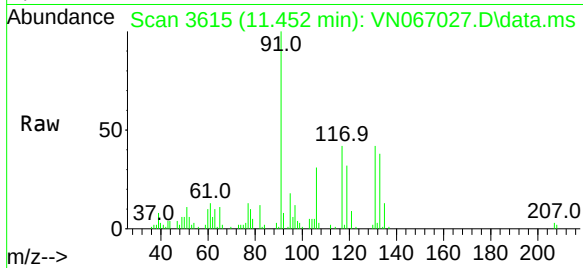




#65
1,1,1,2-Tetrachloroethane
Concen: 2.74 ug/l
RT: 11.452 min Scan# 3615
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

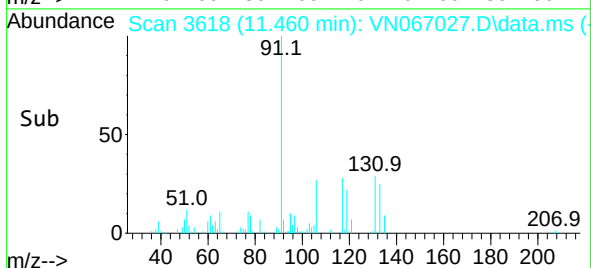
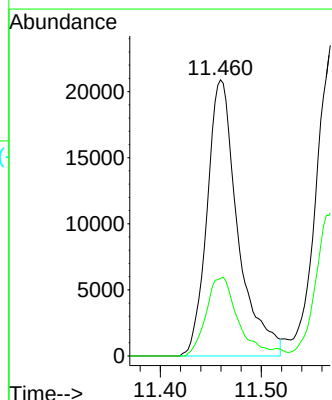
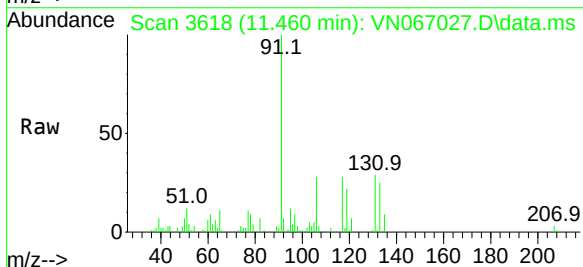
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

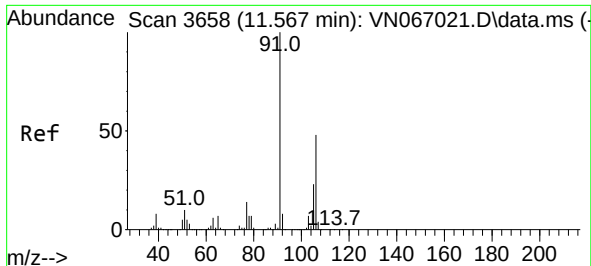
Tgt Ion:131 Resp: 13038
Ion Ratio Lower Upper
131 100
133 93.6 0.0 192.4
119 71.2 0.0 133.2



#66
Ethyl Benzene
Concen: 2.14 ug/l
RT: 11.460 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 91 Resp: 44203
Ion Ratio Lower Upper
91 100
106 28.1 24.1 36.1

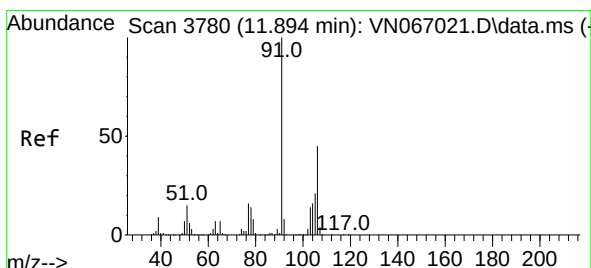
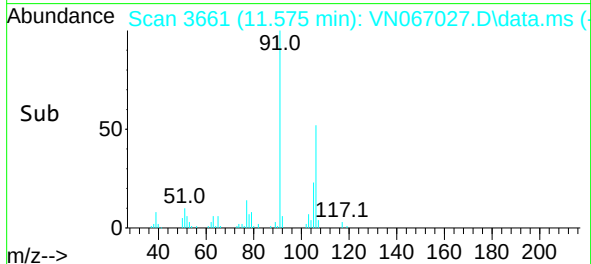
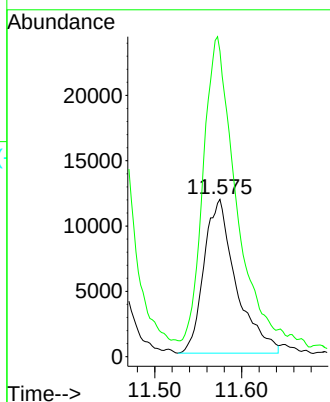
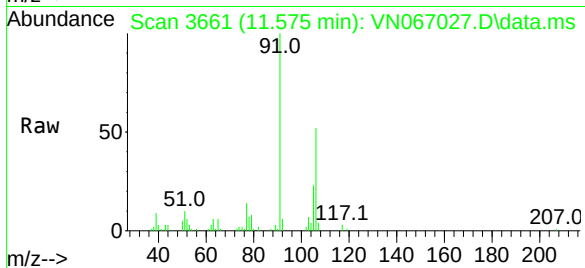




#67
m/p-Xylenes
Concen: 3.89 ug/l
RT: 11.575 min Scan# 3661
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

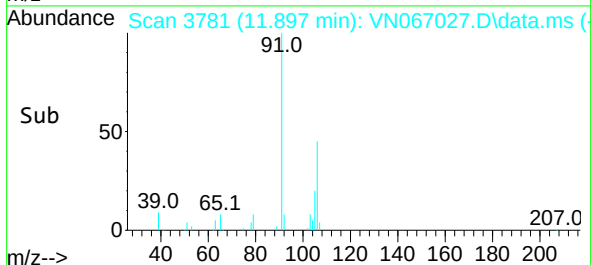
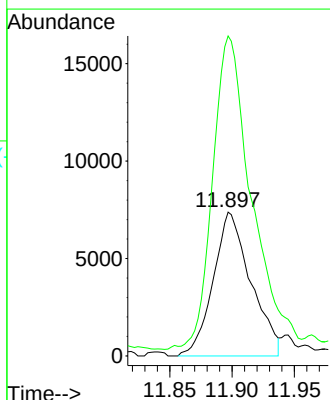
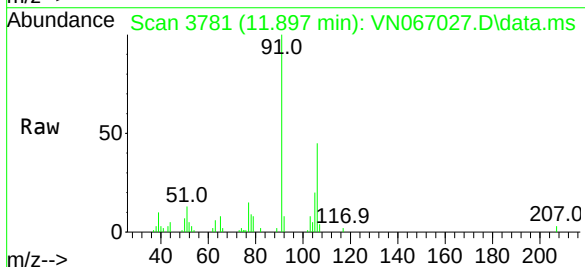
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

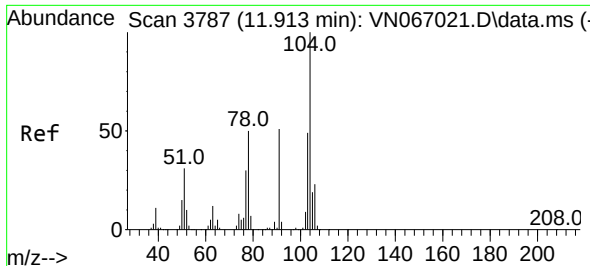
Tgt Ion:106 Resp: 30213
Ion Ratio Lower Upper
106 100
91 196.6 173.2 259.8



#68
o-Xylene
Concen: 2.03 ug/l
RT: 11.897 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

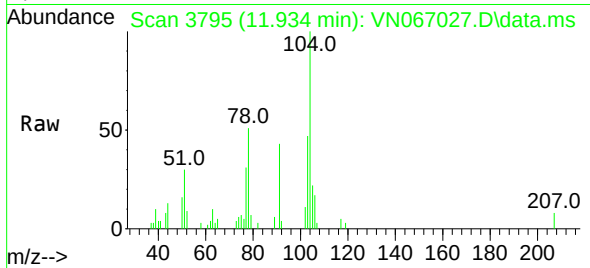
Tgt Ion:106 Resp: 15536
Ion Ratio Lower Upper
106 100
91 221.6 113.3 339.9



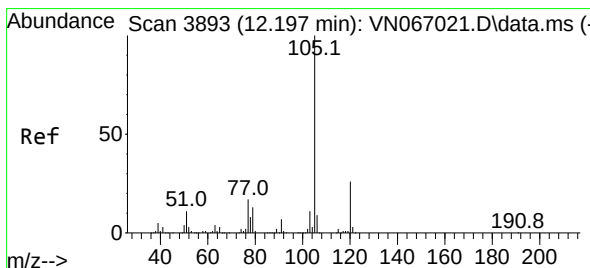
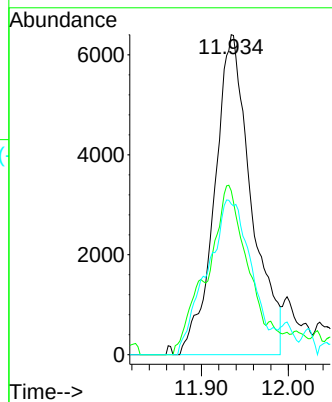
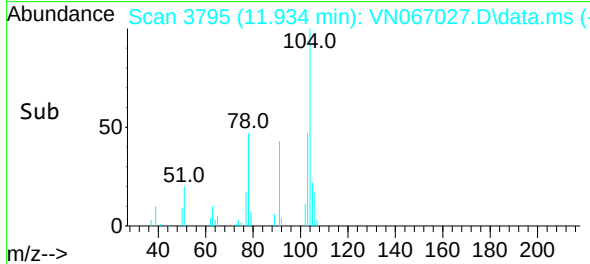


#69
Styrene
Concen: 1.59 ug/l
RT: 11.934 min Scan# 3795
Delta R.T. 0.022 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

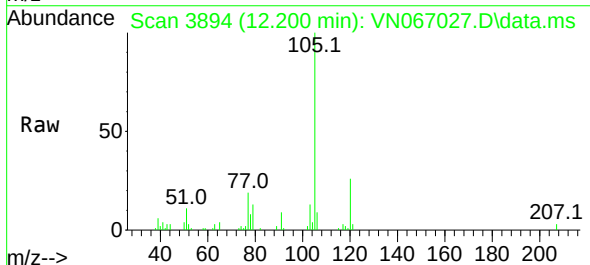
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



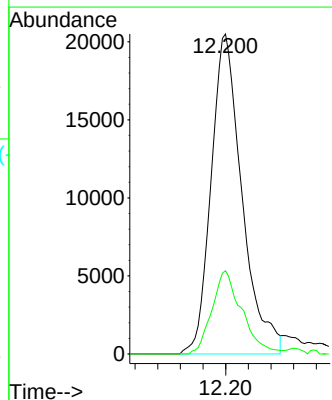
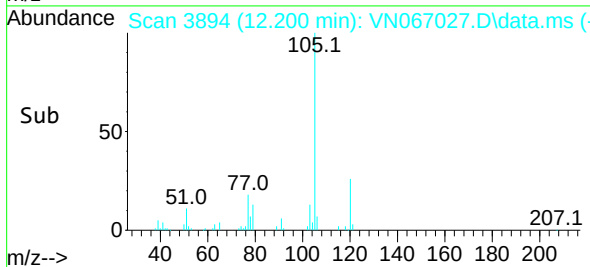
Tgt Ion:104 Resp: 18761
Ion Ratio Lower Upper
104 100
78 36.6 43.8 65.6#
103 10.2 43.9 65.9#

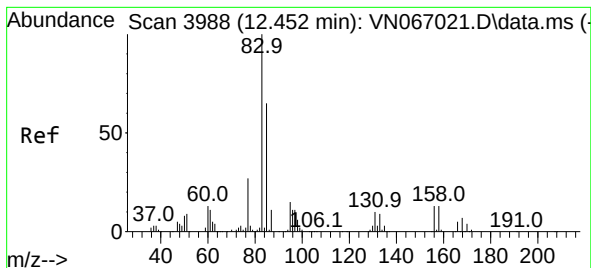


#70
Isopropylbenzene
Concen: 1.95 ug/l
RT: 12.200 min Scan# 3894
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12



Tgt Ion:105 Resp: 38759
Ion Ratio Lower Upper
105 100
120 25.2 18.2 33.8



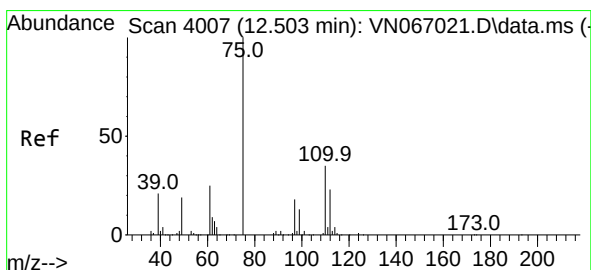
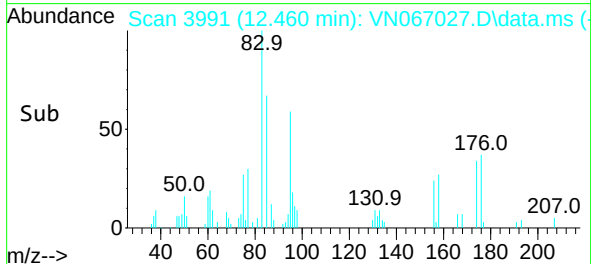
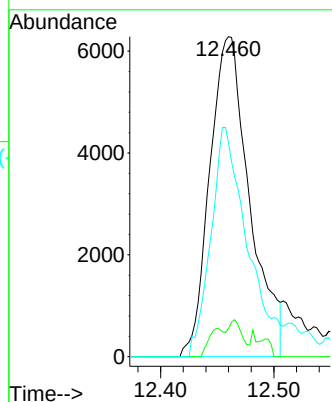
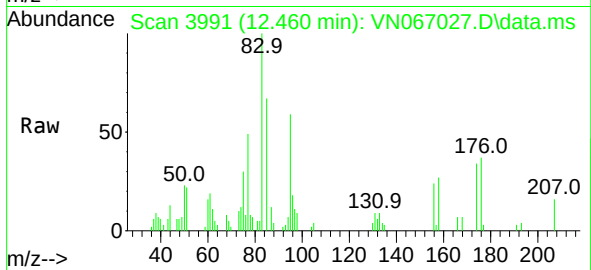


#71

1,1,2,2-Tetrachloroethane
Concen: 2.12 ug/l
RT: 12.460 min Scan# 3991
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

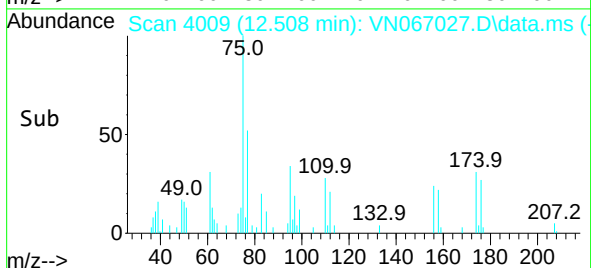
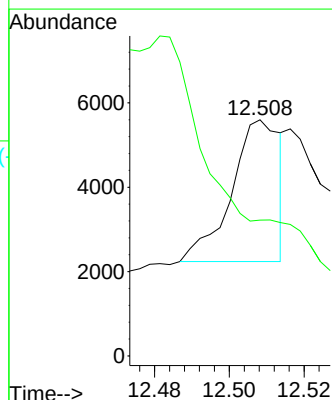
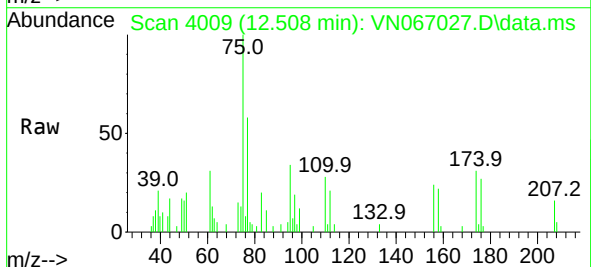
Tgt Ion: 83 Resp: 15338
Ion Ratio Lower Upper
83 100
131 2.6 4.6 13.8#
85 63.0 31.0 93.0

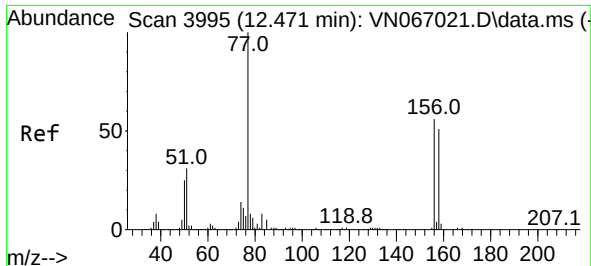


#72

1,2,3-Trichloropropane
Concen: 0.46 ug/l
RT: 12.508 min Scan# 4009
Delta R.T. 0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 75 Resp: 3042
Ion Ratio Lower Upper
75 100
77 239.8 0.0 329.6

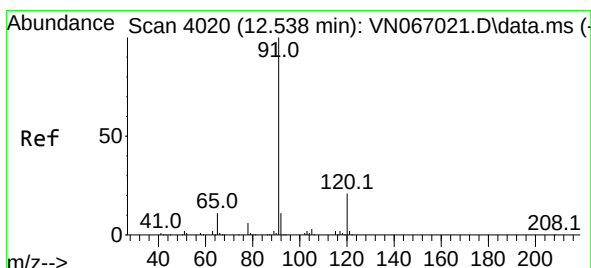
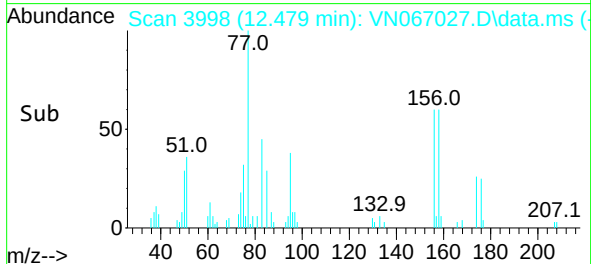
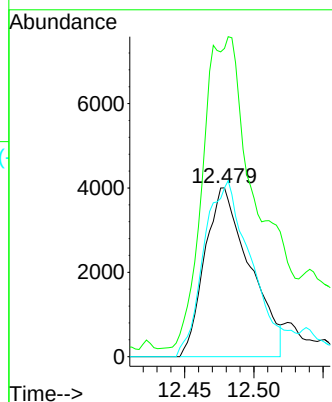
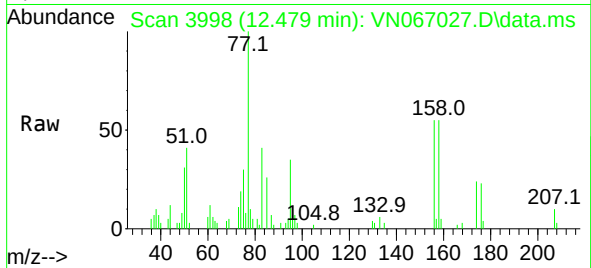




#73
Bromobenzene
Concen: 1.89 ug/l
RT: 12.479 min Scan# 3998
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

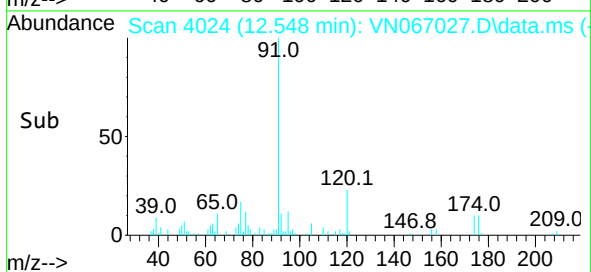
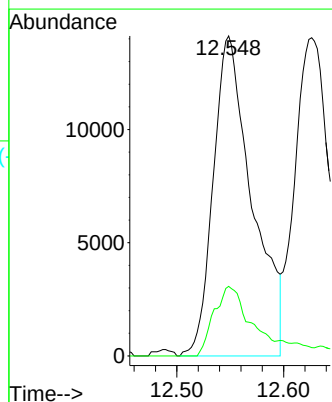
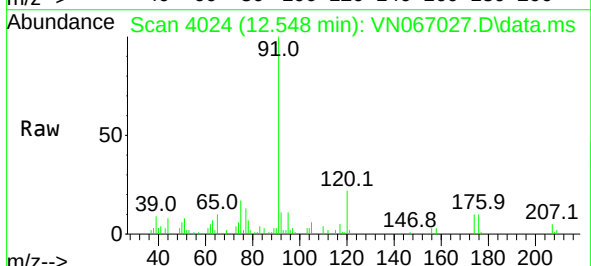
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

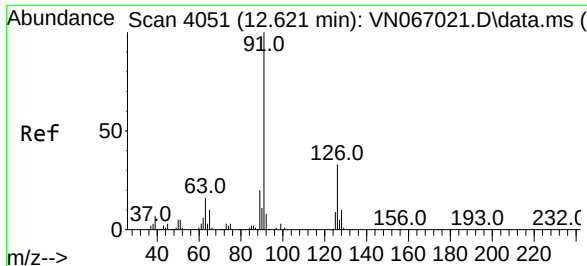
Tgt Ion:156 Resp: 9074
Ion Ratio Lower Upper
156 100
77 80.4 0.0 448.2
158 109.2 0.0 192.4



#74
n-propylbenzene
Concen: 1.57 ug/l
RT: 12.548 min Scan# 4024
Delta R.T. 0.011 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 91 Resp: 35695
Ion Ratio Lower Upper
91 100
120 15.9 0.0 43.6

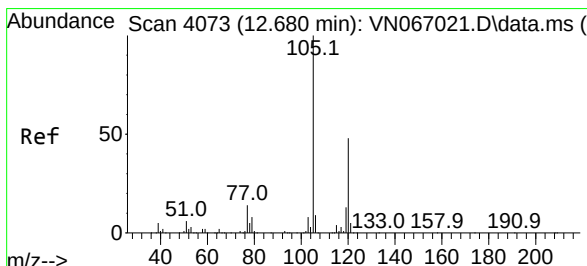
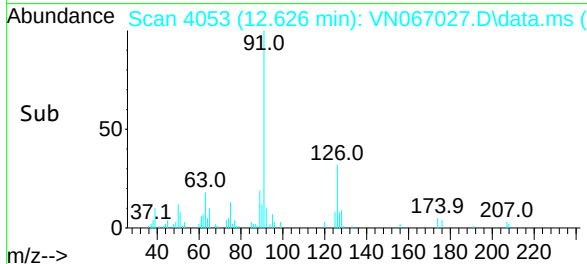
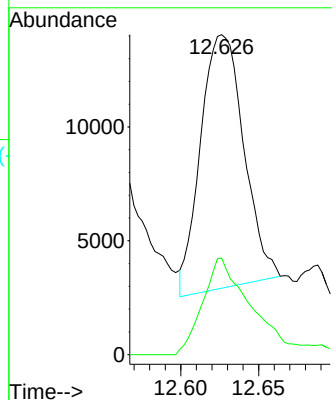
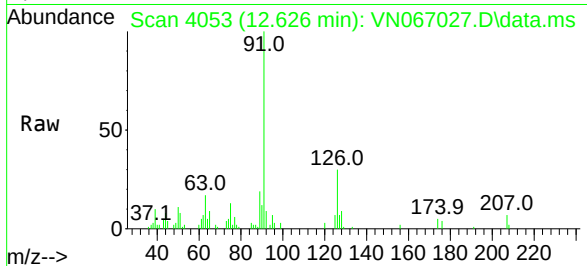




#75
2-Chlorotoluene
Concen: 1.47 ug/l
RT: 12.626 min Scan# 4053
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

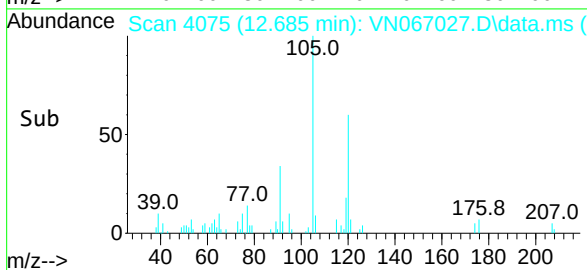
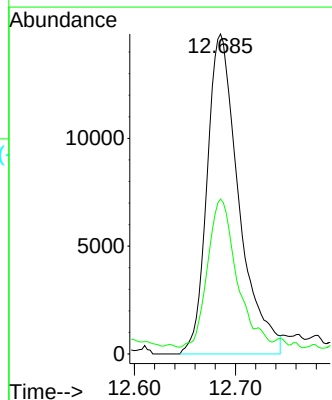
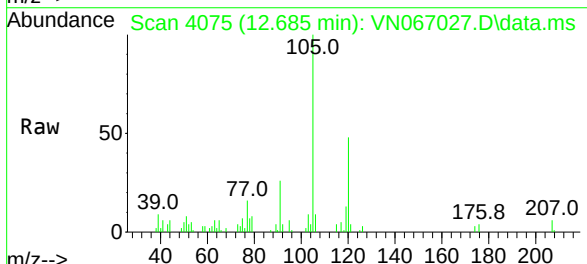
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

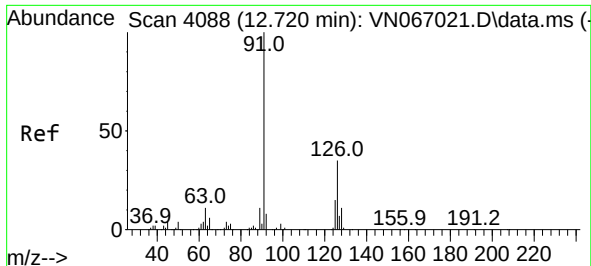
Tgt Ion: 91 Resp: 21533
Ion Ratio Lower Upper
91 100
126 42.1 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 1.84 ug/l
RT: 12.685 min Scan# 4075
Delta R.T. 0.005 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 105 Resp: 32381
Ion Ratio Lower Upper
105 100
120 40.5 0.0 93.4

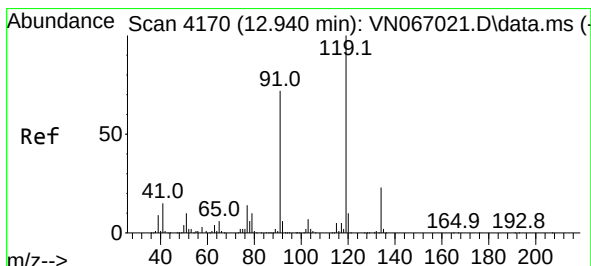
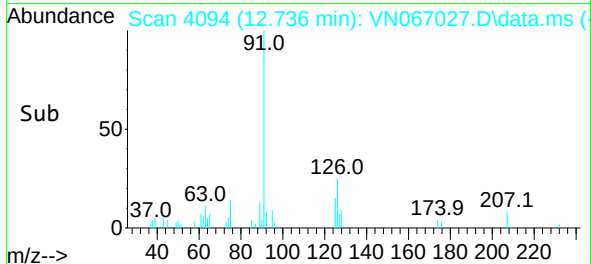
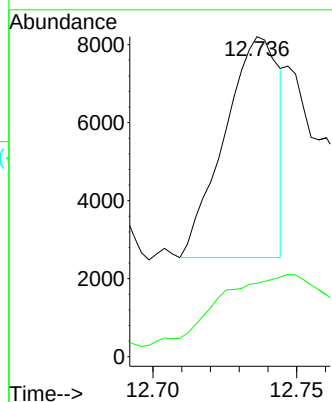
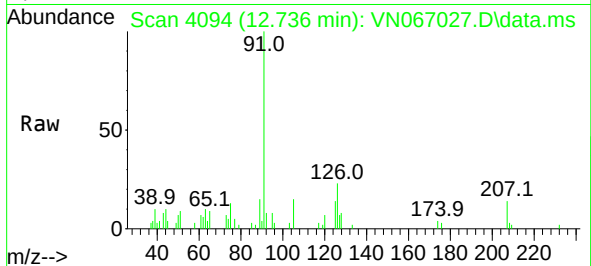




#78
4-Chlorotoluene
Concen: 0.56 ug/l
RT: 12.736 min Scan# 4094
Delta R.T. 0.016 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

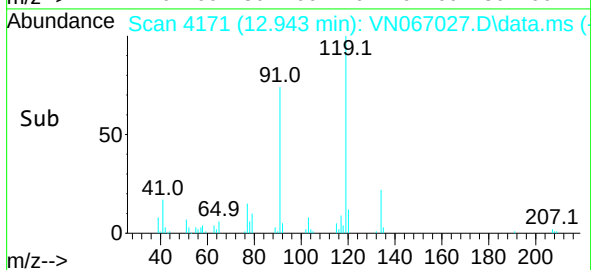
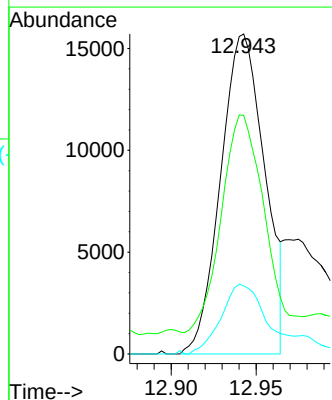
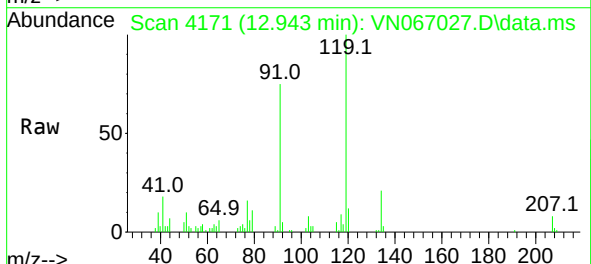
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

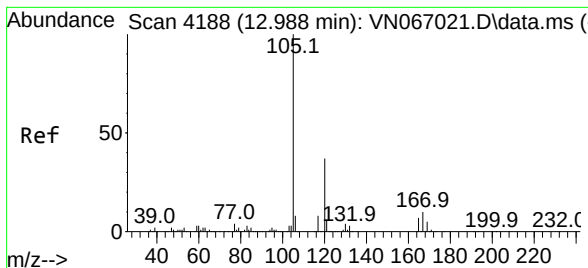
Tgt Ion: 91 Resp: 7420
Ion Ratio Lower Upper
91 100
126 1.3 0.0 61.2



#79
tert-butylbenzene
Concen: 1.90 ug/l
RT: 12.943 min Scan# 4171
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 119 Resp: 28337
Ion Ratio Lower Upper
119 100
91 65.1 0.0 140.2
134 22.4 0.0 46.6

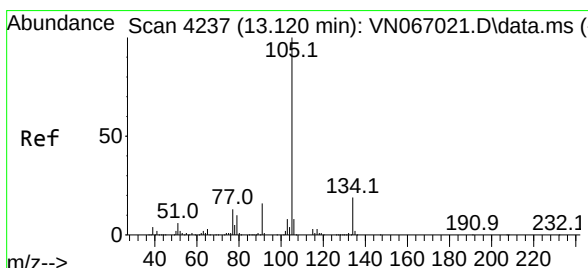
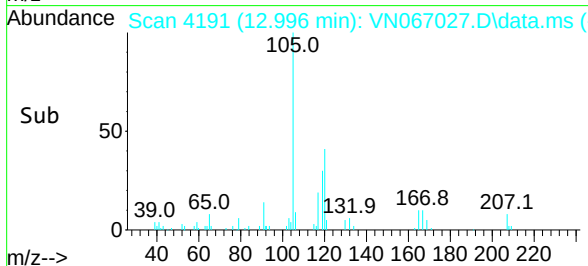
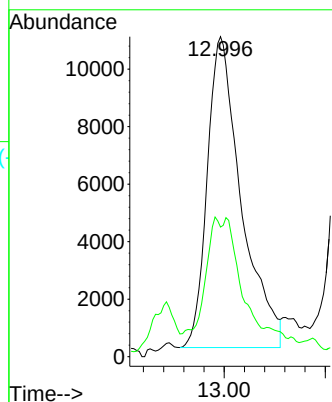
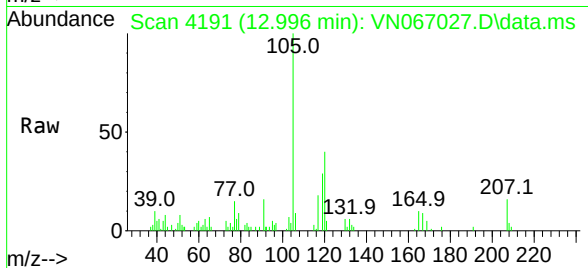




#80
1,2,4-Trimethylbenzene
Concen: 1.53 ug/l
RT: 12.996 min Scan# 4191
Delta R.T. 0.008 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

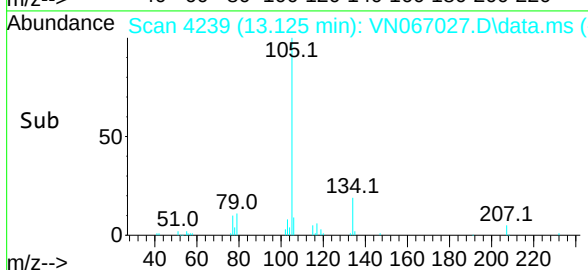
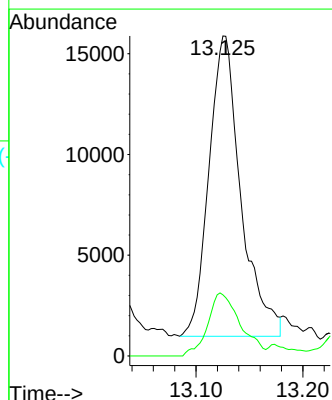
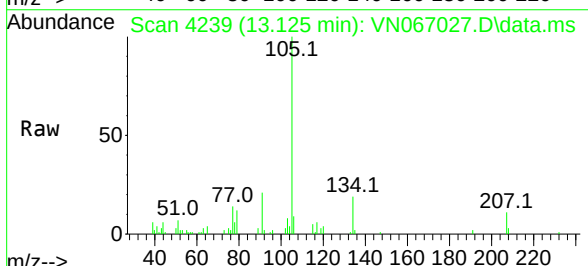
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

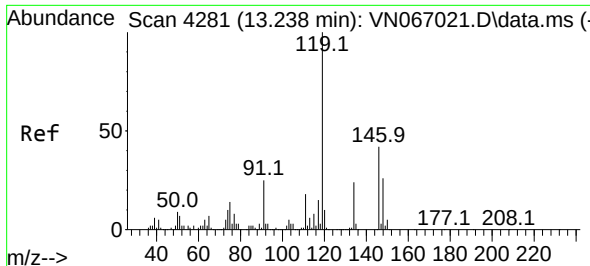
Tgt Ion:105 Resp: 25284
Ion Ratio Lower Upper
105 100
120 14.5 0.0 88.8



#81
sec-Butylbenzene
Concen: 1.57 ug/l
RT: 13.125 min Scan# 4239
Delta R.T. 0.006 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion:105 Resp: 30971
Ion Ratio Lower Upper
105 100
134 21.5 0.0 38.8

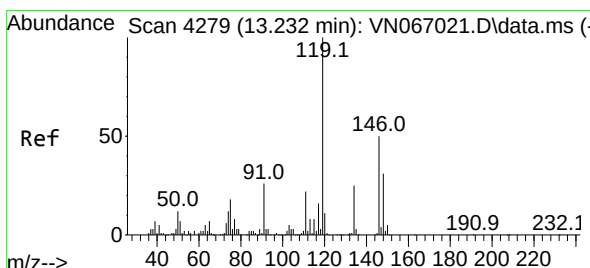
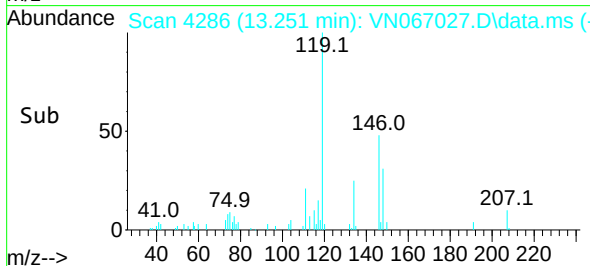
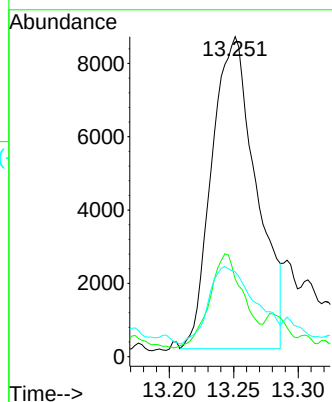
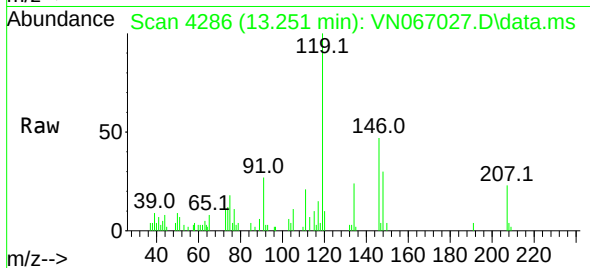




#82
p-Isopropyltoluene
Concen: 1.30 ug/l
RT: 13.251 min Scan# 4286
Delta R.T. 0.014 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

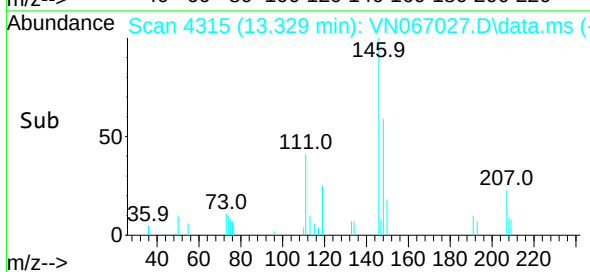
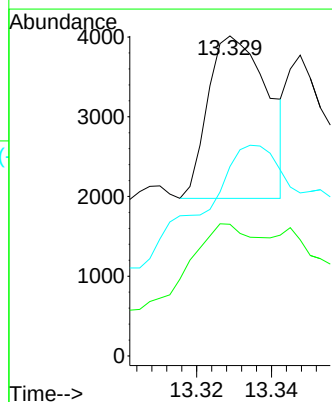
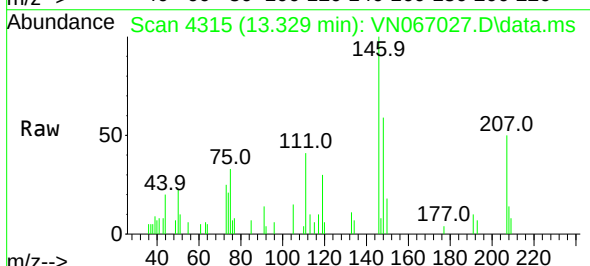
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

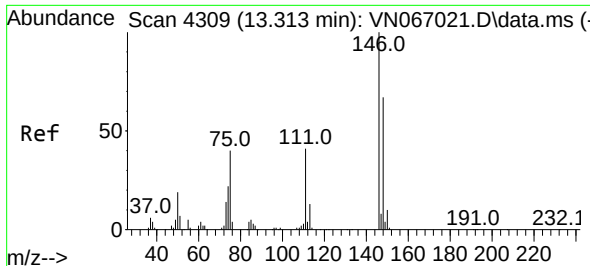
Tgt Ion:	119	Resp:	20375
Ion Ratio	Lower	Upper	
119	100		
134	23.5	0.0	49.8
91	23.9	0.0	49.6



#83
1,3-Dichlorobenzene
Concen: 0.28 ug/l
RT: 13.329 min Scan# 4315
Delta R.T. 0.097 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion:	146	Resp:	2253
Ion Ratio	Lower	Upper	
146	100		
111	64.5	21.8	65.3
148	34.2	32.1	96.3

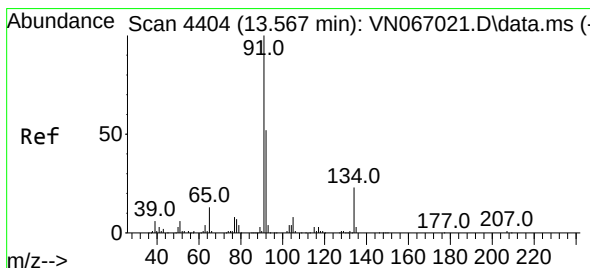
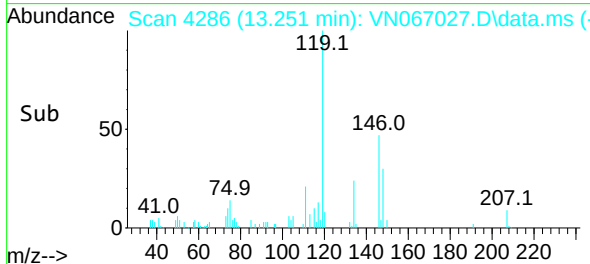
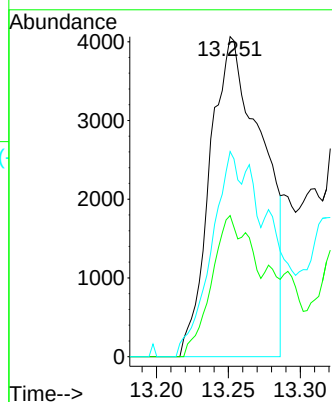
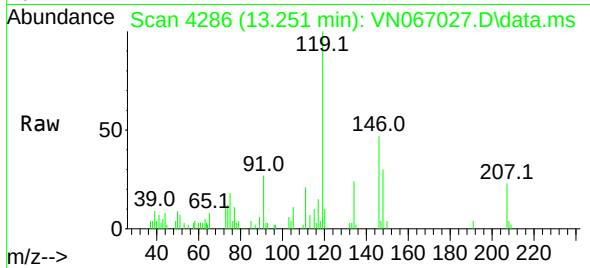




#84
1,4-Dichlorobenzene
Concen: 1.25 ug/l
RT: 13.251 min Scan# 4286
Delta R.T. -0.062 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

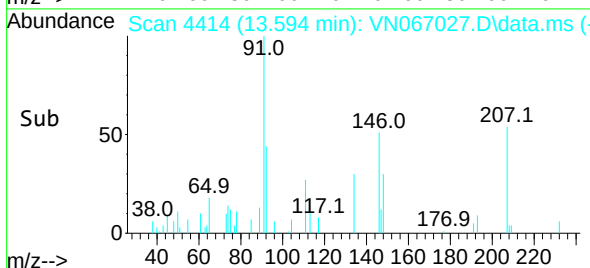
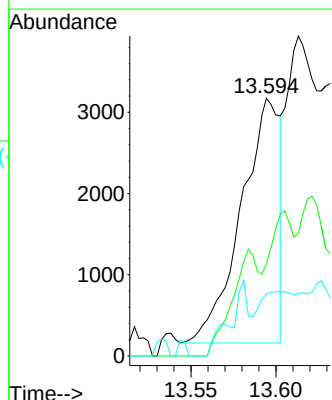
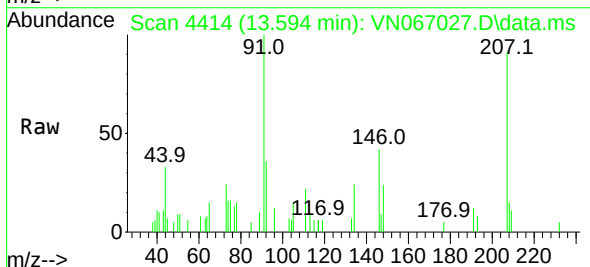
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

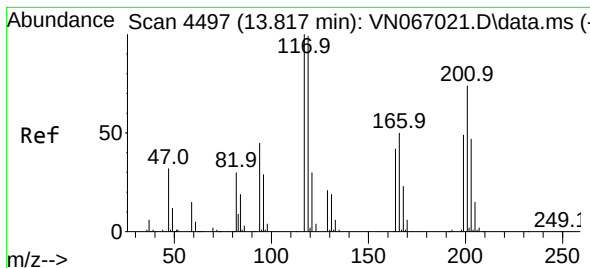
Tgt Ion:146 Resp: 10343
Ion Ratio Lower Upper
146 100
111 21.7 18.5 55.5
148 35.8 29.3 88.0



#85
n-Butylbenzene
Concen: 0.38 ug/l
RT: 13.594 min Scan# 4414
Delta R.T. 0.027 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion: 91 Resp: 4742
Ion Ratio Lower Upper
91 100
92 19.0 0.0 95.4
134 8.0 0.0 44.0

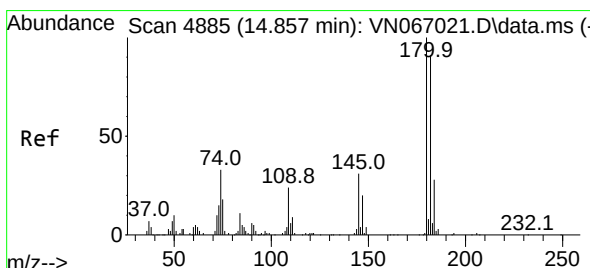
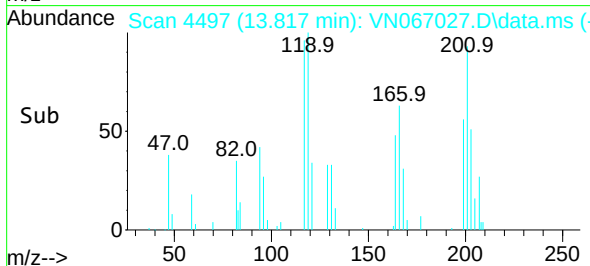
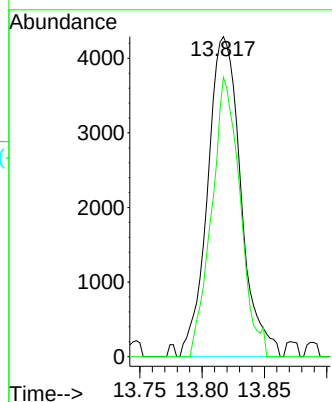
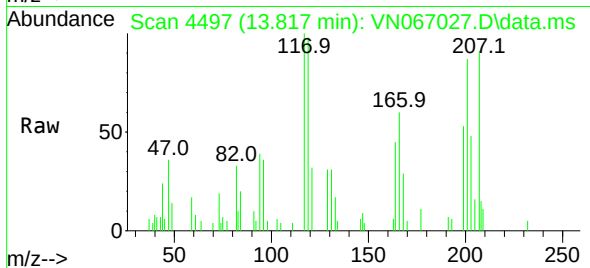




#86
Hexachloroethane
Concen: 2.30 ug/l
RT: 13.817 min Scan# 4497
Delta R.T. 0.000 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

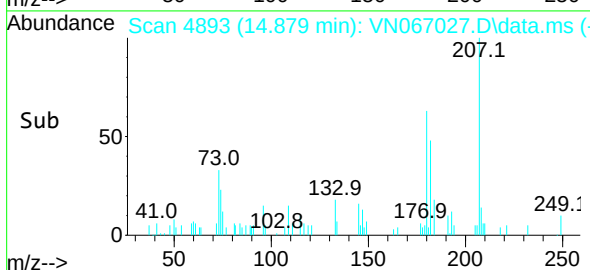
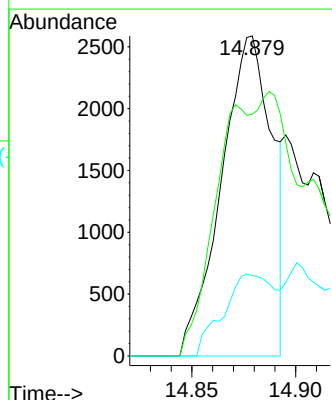
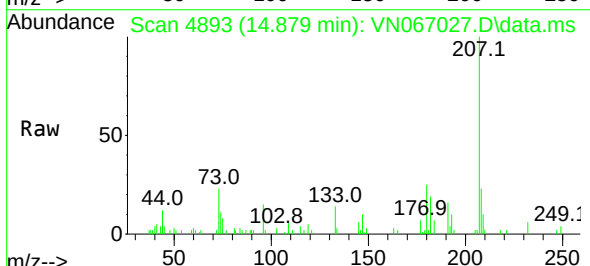
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

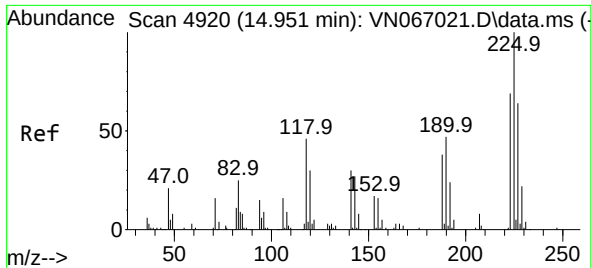
Tgt Ion:117 Resp: 7966
Ion Ratio Lower Upper
117 100
201 73.8 37.8 113.4



#89
1,2,4-Trichlorobenzene
Concen: 1.06 ug/l
RT: 14.879 min Scan# 4893
Delta R.T. 0.022 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion:180 Resp: 4404
Ion Ratio Lower Upper
180 100
182 52.7 78.6 117.8#
145 26.2 25.0 37.4

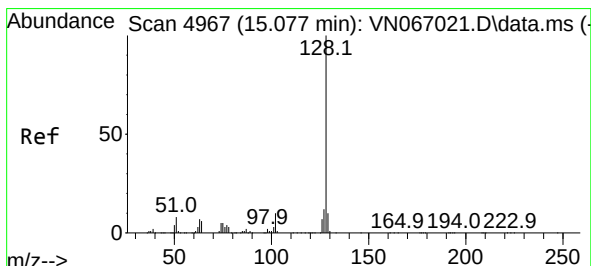
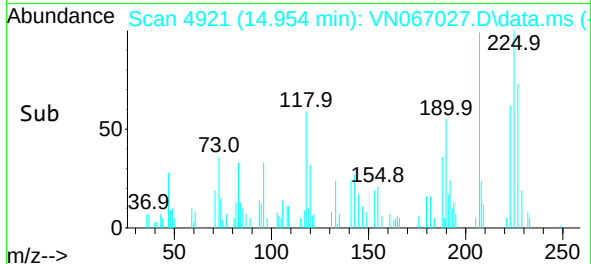
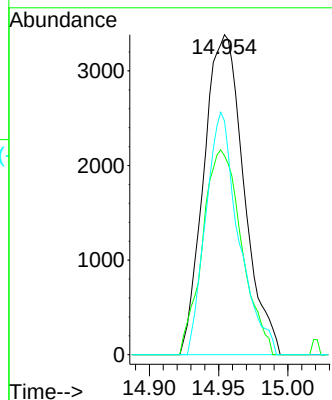
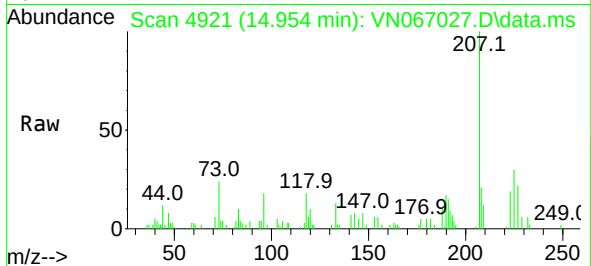




#90
Hexachlorobutadiene
Concen: 2.41 ug/l
RT: 14.954 min Scan# 4921
Delta R.T. 0.003 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Tgt Ion:225 Resp: 6793
Ion Ratio Lower Upper
225 100
223 62.6 0.0 137.2
227 62.5 0.0 127.8



#91
Naphthalene
Concen: 0.93 ug/l
RT: 15.099 min Scan# 4975
Delta R.T. 0.022 min
Lab File: VN067027.D
Acq: 6 May 2021 23:12

Tgt Ion:128 Resp: 10597
Ion Ratio Lower Upper
128 100
127 2.3 9.8 14.6#
129 3.0 7.8 11.8#

