

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067327.D
 Acq On : 14 Jun 2021 18:01
 Operator : JC/MD
 Sample : M2262-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

Quant Time: Jun 15 04:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	354668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	694086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	607278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	230322	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	347050	49.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.20%
35) Dibromofluoromethane	8.024	113	227545	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%
50) Toluene-d8	10.443	98	838381	47.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.76%
62) 4-Bromofluorobenzene	12.736	95	318098	43.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.12%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	1144	0.22	ug/l	78
3) Chloromethane	2.303	50	2195	0.41	ug/l	93
4) Vinyl Chloride	2.443	62	1336	0.25	ug/l #	79
5) Bromomethane	2.869	94	2181	0.97	ug/l #	64
11) Tert butyl alcohol	5.398	59	338	0.29	ug/l #	1
13) Acrolein	4.028	56	294	0.41	ug/l #	1
15) Acrylonitrile	5.565	53	2391	0.95	ug/l #	42
16) Acetone	4.301	43	5120	1.91	ug/l	91
17) Carbon Disulfide	4.524	76	4803	0.35	ug/l #	87
20) Methylene Chloride	5.090	84	2581	0.46	ug/l #	64
21) trans-1,2-Dichloroethene	5.602	96	1069	0.23	ug/l #	68
23) Vinyl Acetate	6.439	43	15266	0.96	ug/l	97
25) 2-Butanone	7.353	43	1911	0.50	ug/l	94
26) 2,2-Dichloropropane	7.321	77	2080	0.21	ug/l #	78
29) Tetrahydrofuran	7.689	42	686	0.28	ug/l #	41
30) Chloroform	7.820	83	2120	0.21	ug/l #	77
31) Cyclohexane	8.083	56	13294	1.40	ug/l #	34
36) 1,1-Dichloropropene	8.212	75	1694	0.22	ug/l #	57
38) Carbon Tetrachloride	8.086	117	44383	5.31	ug/l #	16
39) Methylcyclohexane	9.456	83	2074	0.25	ug/l #	79
40) Benzene	8.461	78	4398	0.20	ug/l #	81
43) Isopropyl Acetate	8.574	43	3779	0.26	ug/l #	77
44) Trichloroethene	9.223	130	1141	0.22	ug/l	42
47) Bromodichloromethane	9.762	83	1769	0.20	ug/l #	87
48) Methyl methacrylate	9.563	41	1456	0.22	ug/l #	86
49) 1,4-Dioxane	9.574	88	105	1.14	ug/l #	14
51) 4-Methyl-2-Pentanone	10.336	43	9674	1.14	ug/l	92
53) t-1,3-Dichloropropene	10.725	75	2224	0.23	ug/l	94
55) 1,1,2-Trichloroethane	10.907	97	1182	0.22	ug/l #	83
56) Ethyl methacrylate	10.762	69	2189	0.23	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.043	63	4850	1.76	ug/l	99
59) 2-Hexanone	11.087	43	6884	1.10	ug/l	93
64) Tetrachloroethene	10.988	164	1041	0.24	ug/l #	83
65) Chlorobenzene	11.773	112	3104	0.23	ug/l	94
67) Ethyl Benzene	11.846	91	5841	0.22	ug/l	99
68) m/p-Xylenes	11.961	106	3790	0.41	ug/l	92

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

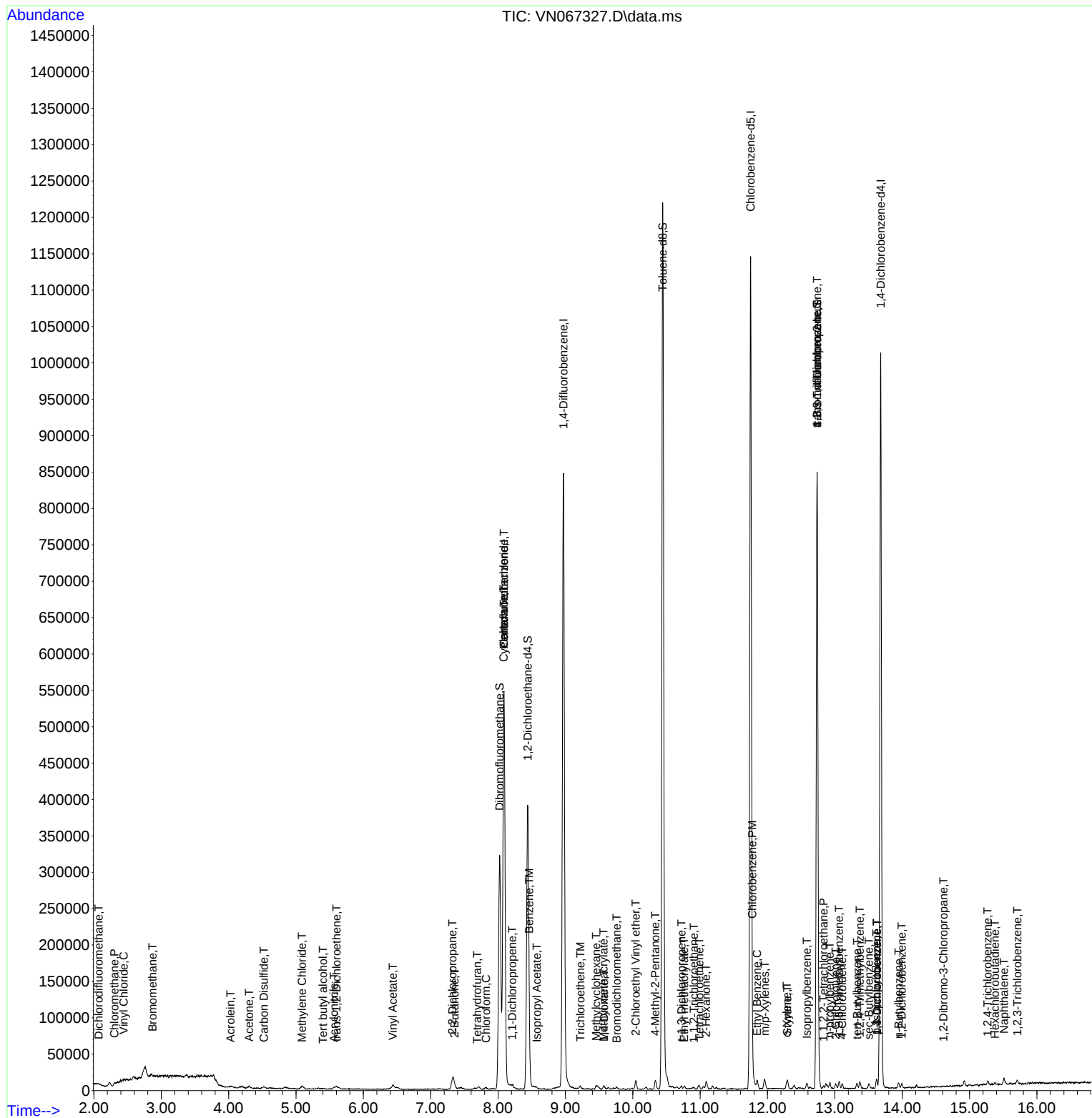
69) o-Xylene	12.286	106	2142	0.24	ug/l	95
70) Styrene	12.296	104	3117	0.21	ug/l #	74
73) Isopropylbenzene	12.586	105	5220	0.24	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.833	83	1553	0.24	ug/l #	94
76) 1,2,3-Trichloropropane	12.736	75	184750	30.89	ug/l #	100
78) n-propylbenzene	12.927	91	6569	0.25	ug/l	84
79) 2-Chlorotoluene	13.012	91	4158	0.25	ug/l	75
80) 1,3,5-Trimethylbenzene	13.063	105	4615	0.25	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.736	75	184750	76.55	ug/l #	6
82) 4-Chlorotoluene	13.109	91	4472	0.27	ug/l	96
83) tert-Butylbenzene	13.332	119	3695	0.25	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	4315	0.23	ug/l	98
85) sec-Butylbenzene	13.506	105	4571	0.22	ug/l	95
86) p-Isopropyltoluene	13.619	119	4588	0.27	ug/l #	87
87) 1,3-Dichlorobenzene	13.624	146	2096	0.26	ug/l	97
88) 1,4-Dichlorobenzene	13.624	146	2096	0.26	ug/l	96
89) n-Butylbenzene	13.948	91	4648	0.29	ug/l	99
91) 1,2-Dichlorobenzene	13.994	146	1820	0.24	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.611	75	467	0.28	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.268	180	1445	0.36	ug/l	93
94) Hexachlorobutadiene	15.375	225	536	0.23	ug/l #	36
95) Naphthalene	15.512	128	6303	0.51	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.708	180	1330	0.34	ug/l	73

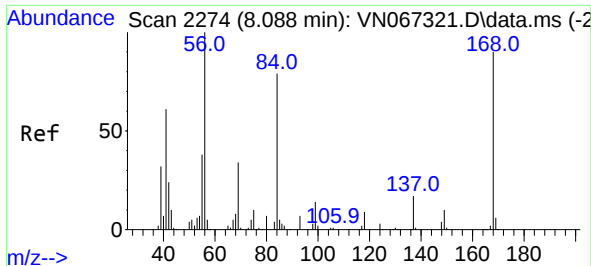
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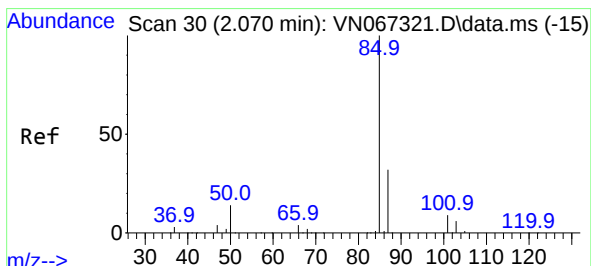
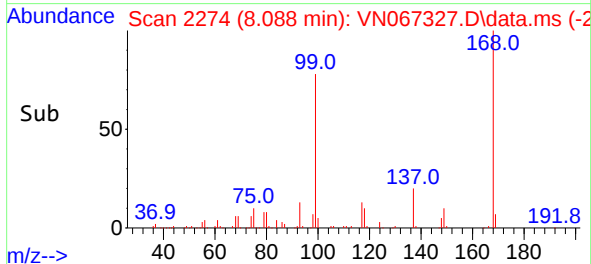
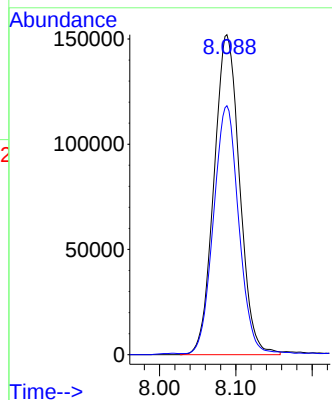
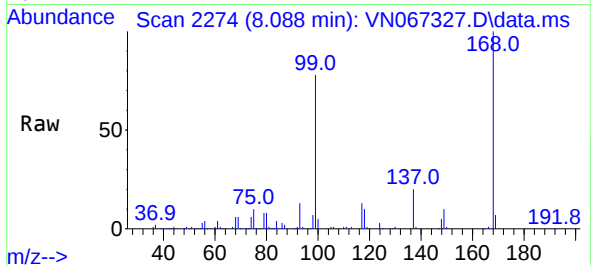




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

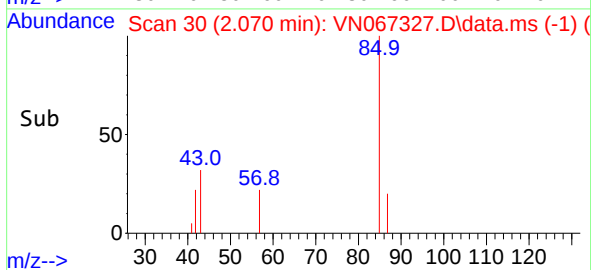
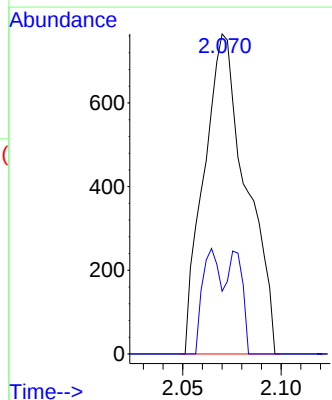
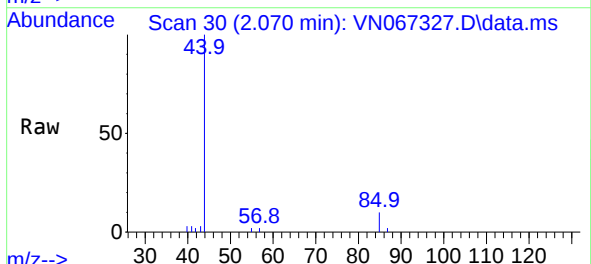
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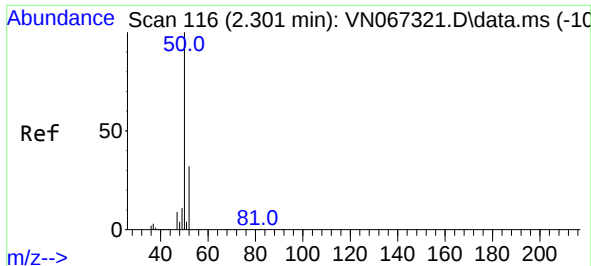
Tgt Ion:168 Resp: 354668
Ion Ratio Lower Upper
168 100
99 77.4 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 2.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 85 Resp: 1144
Ion Ratio Lower Upper
85 100
87 19.6 16.1 48.2

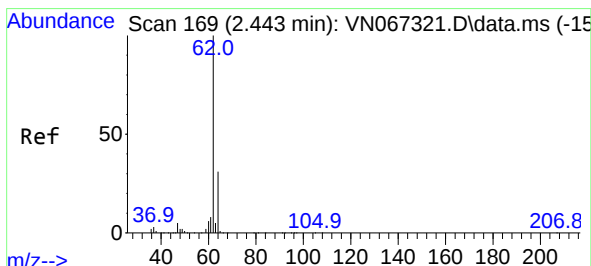
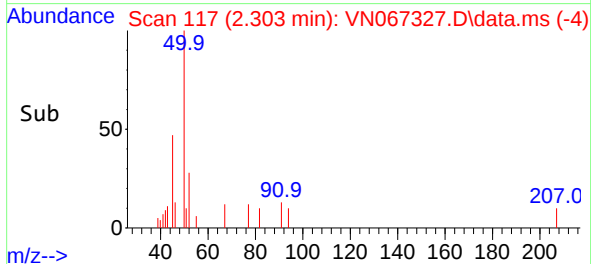
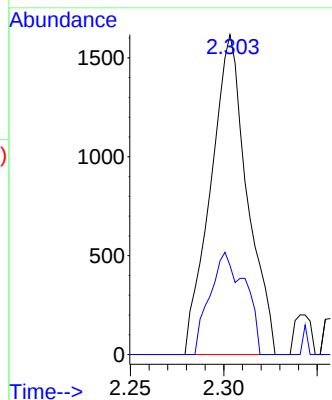
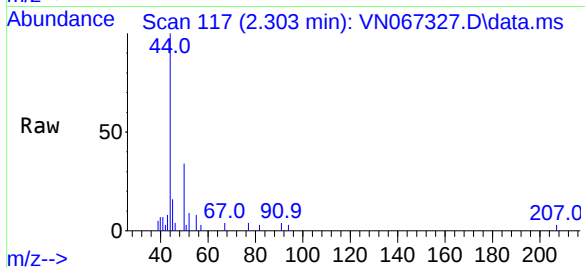




#3
Chloromethane
Concen: 0.41 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

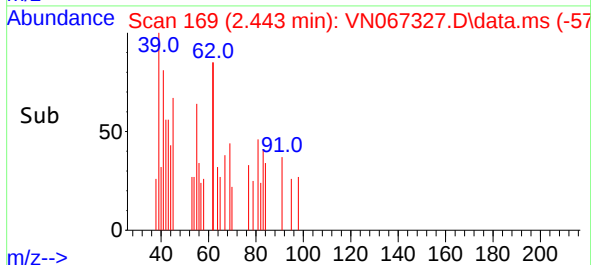
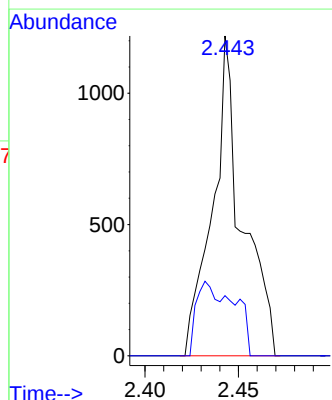
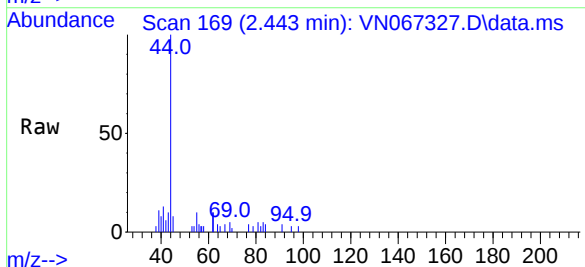
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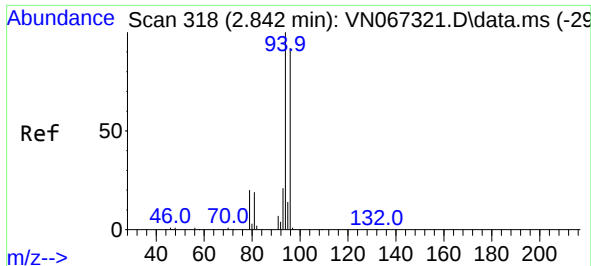
Tgt Ion: 50 Resp: 2195
Ion Ratio Lower Upper
50 100
52 27.9 25.6 38.4



#4
Vinyl Chloride
Concen: 0.25 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 62 Resp: 1336
Ion Ratio Lower Upper
62 100
64 18.8 24.4 36.6#

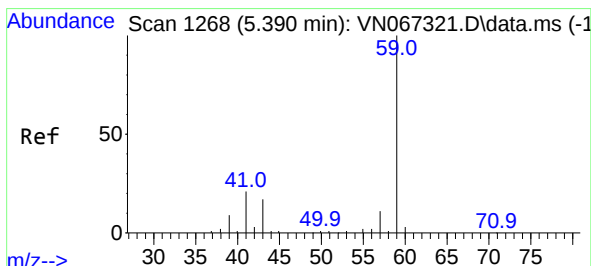
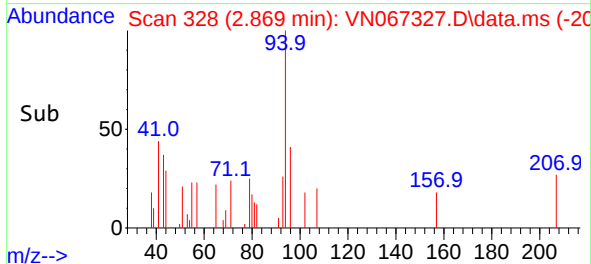
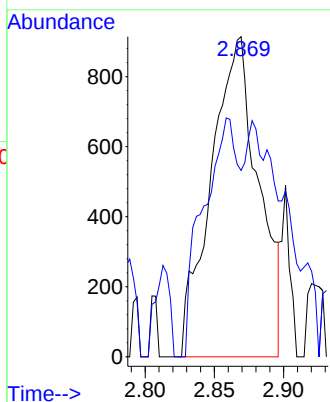
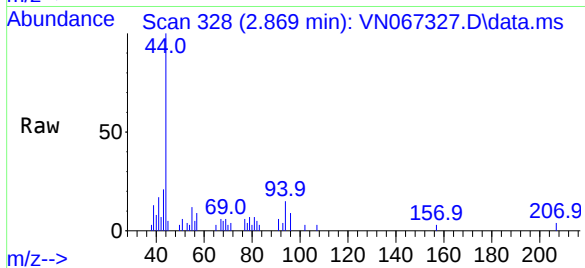




#5
Bromomethane
Concen: 0.97 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.027 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

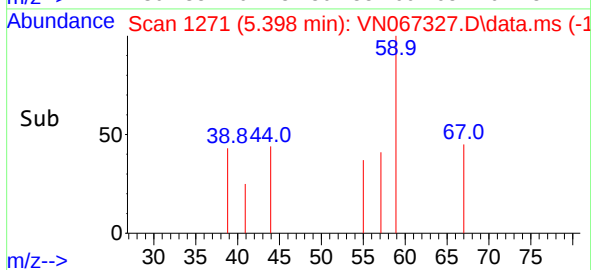
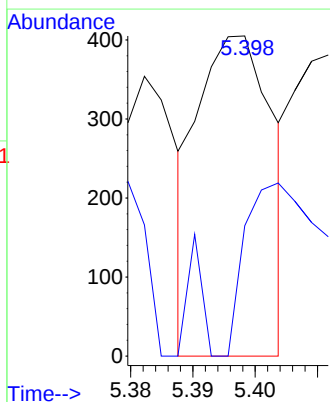
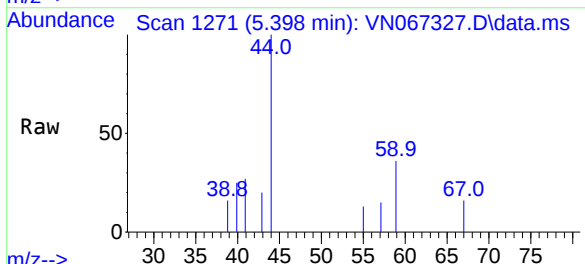
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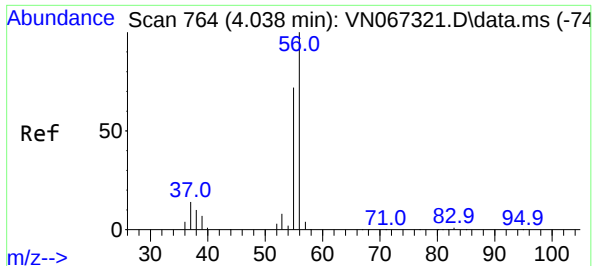
Tgt Ion: 94 Resp: 2181
Ion Ratio Lower Upper
94 100
96 58.2 73.7 110.5#



#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 5.398 min Scan# 1271
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 53.0 8.7 13.1#

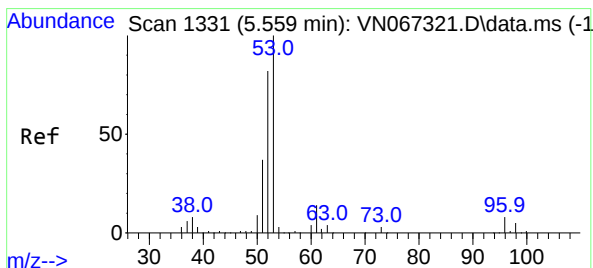
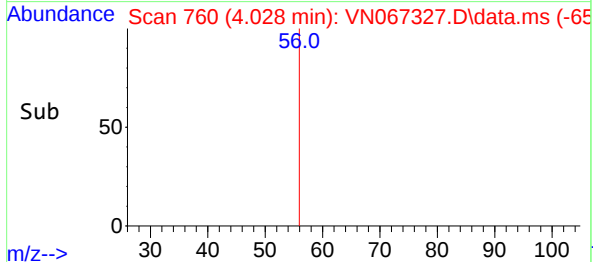
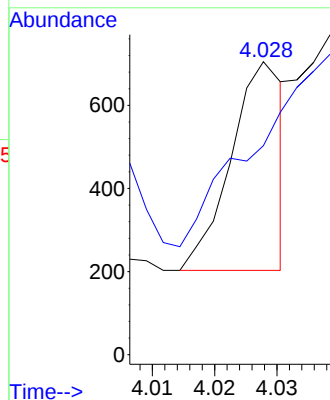
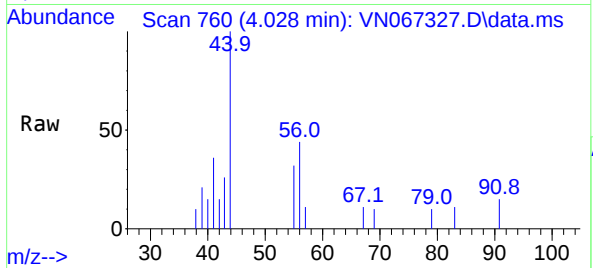




#13
Acrolein
Concen: 0.41 ug/l
RT: 4.028 min Scan# 760
Delta R.T. -0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

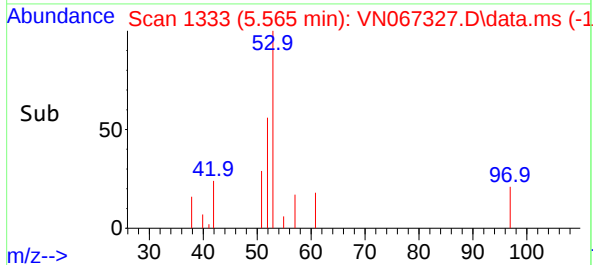
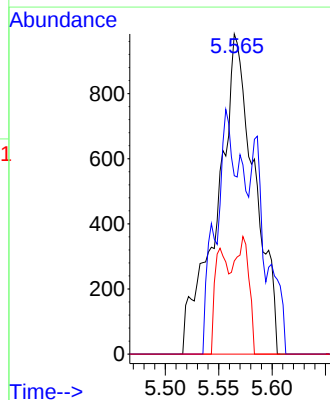
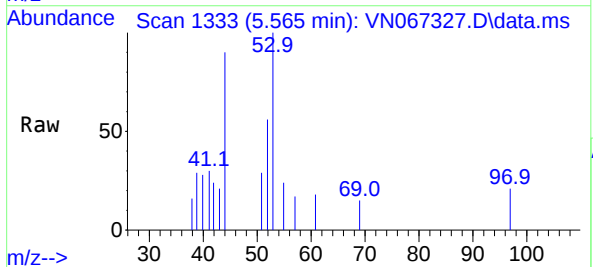
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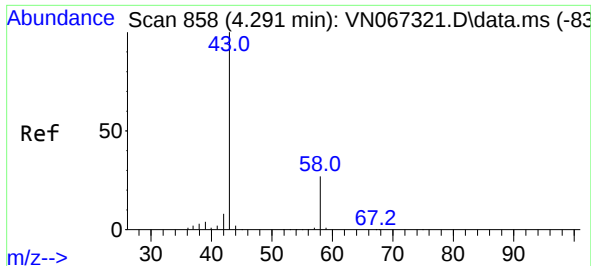
Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 321.8 57.4 86.0#



#15
Acrylonitrile
Concen: 0.95 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 53 Resp: 2391
Ion Ratio Lower Upper
53 100
52 24.4 66.2 99.2#
51 11.3 30.2 45.4#

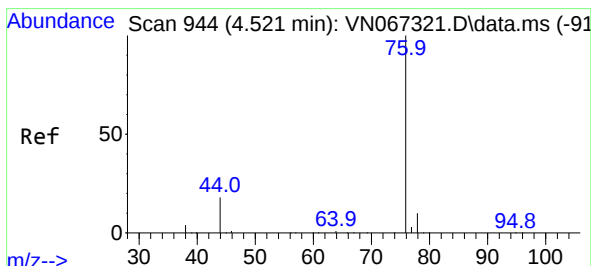
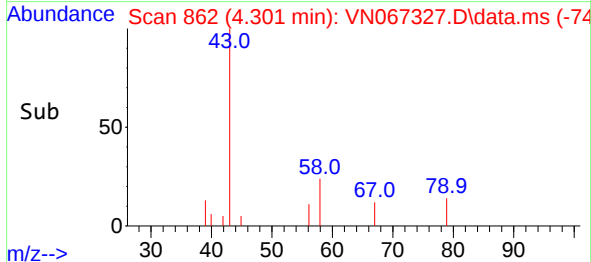
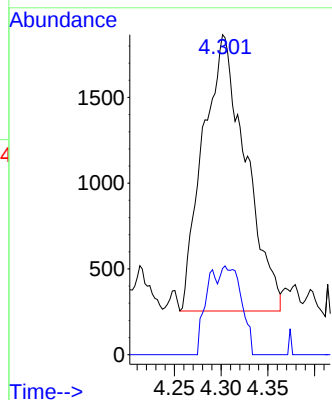
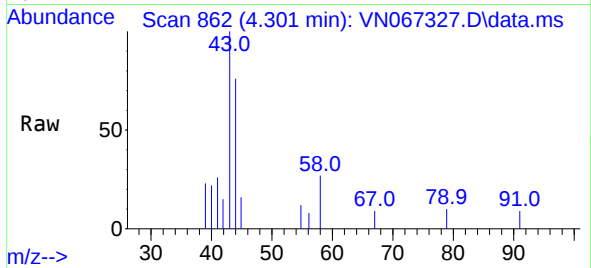




#16
Acetone
Concen: 1.91 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

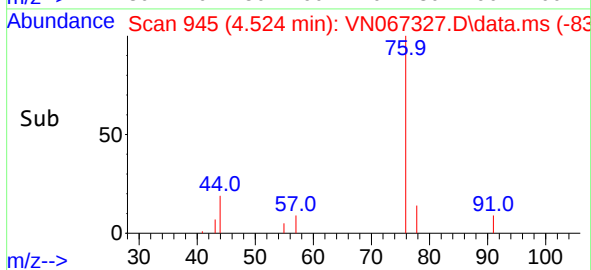
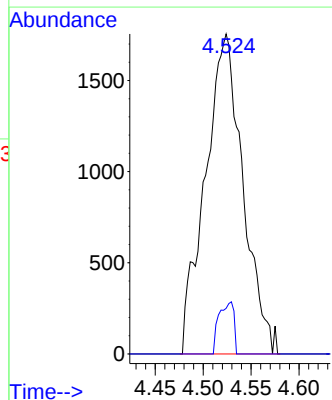
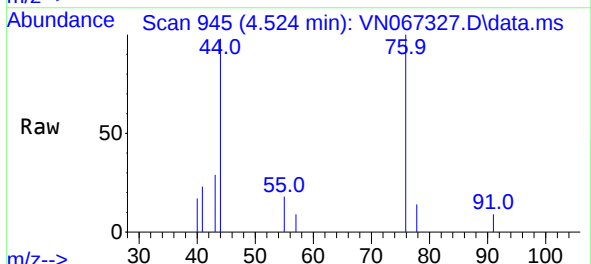
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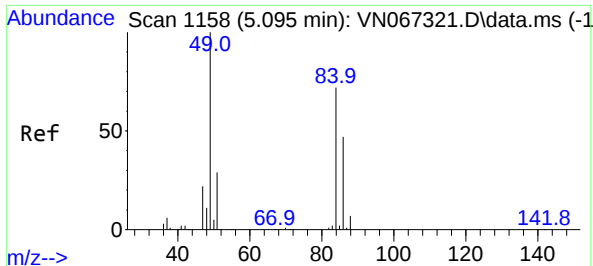
Tgt Ion: 43 Resp: 5120
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8



#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 76 Resp: 4803
Ion Ratio Lower Upper
76 100
78 14.2 7.7 11.5#



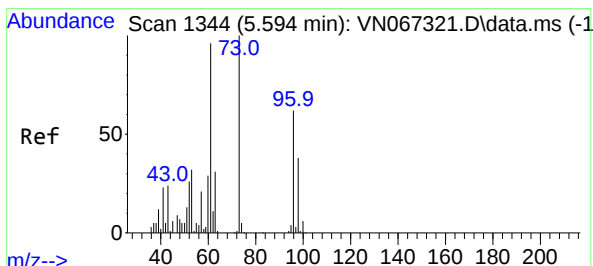
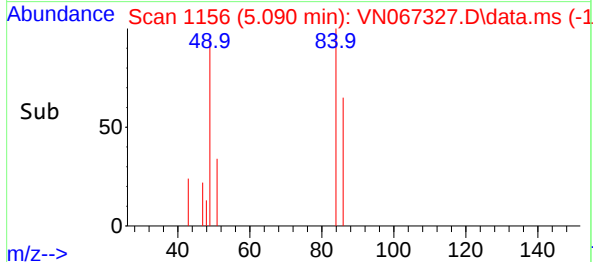
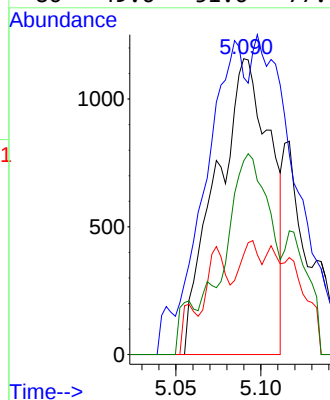
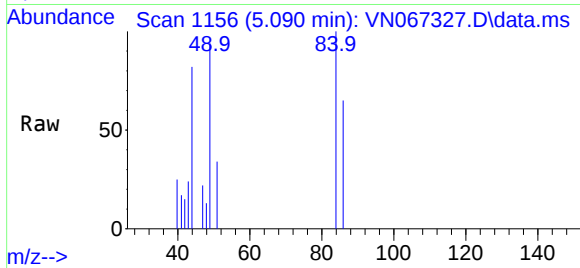


#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Tgt Ion: 84 Resp: 2581

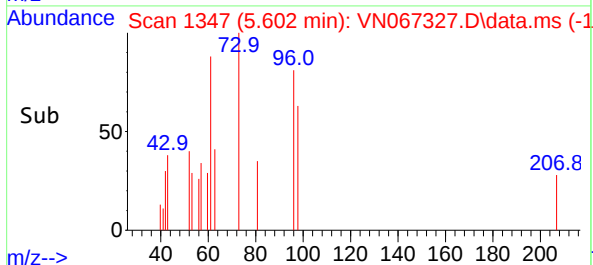
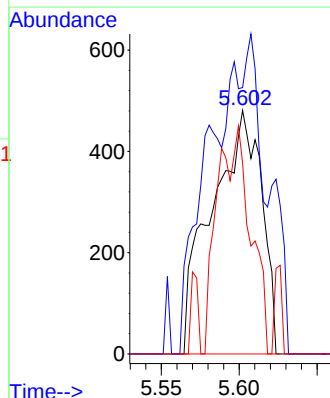
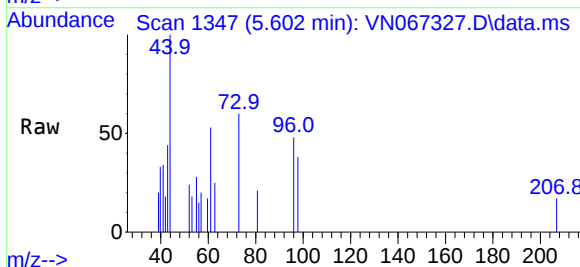
Ion	Ratio	Lower	Upper
84	100		
49	76.1	110.9	166.3#
51	33.9	32.6	49.0
86	49.6	51.6	77.4#

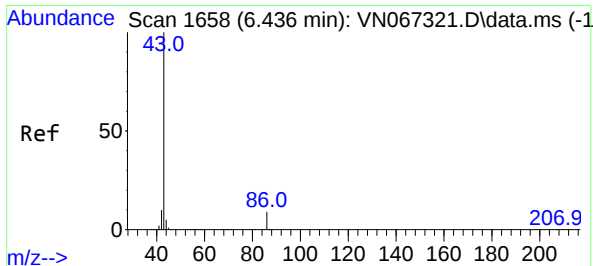


#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 96 Resp: 1069

Ion	Ratio	Lower	Upper
96	100		
61	109.4	123.5	185.3#
98	78.4	48.6	72.8#

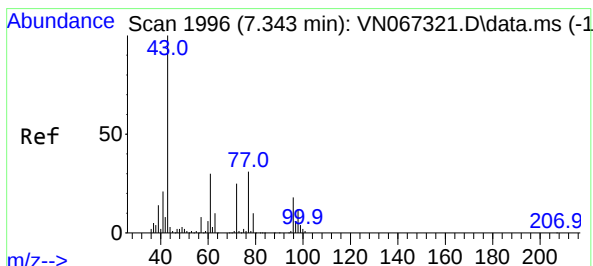
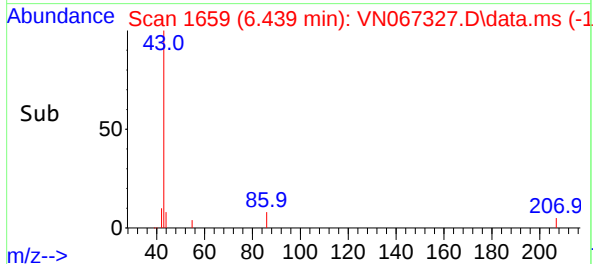
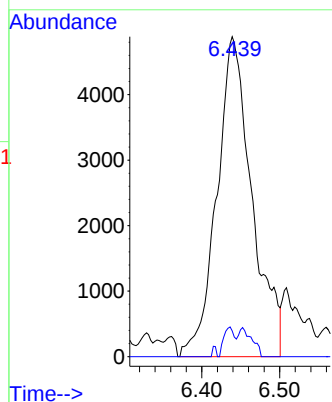
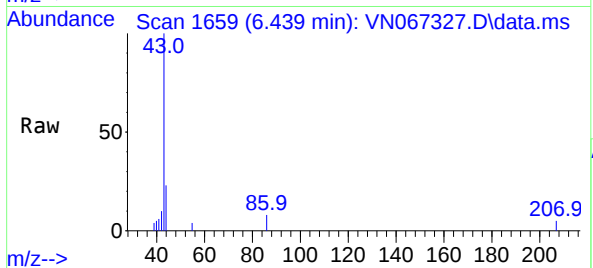




#23
 Vinyl Acetate
 Concen: 0.96 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

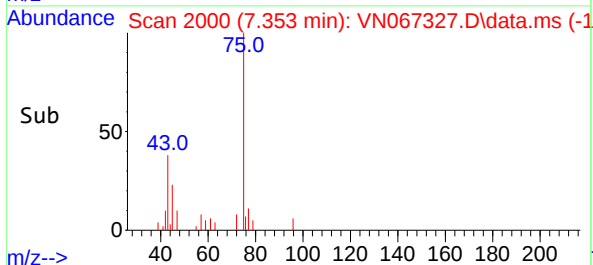
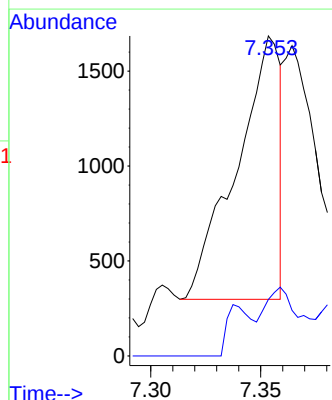
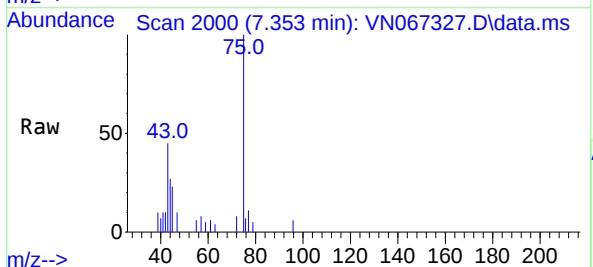
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

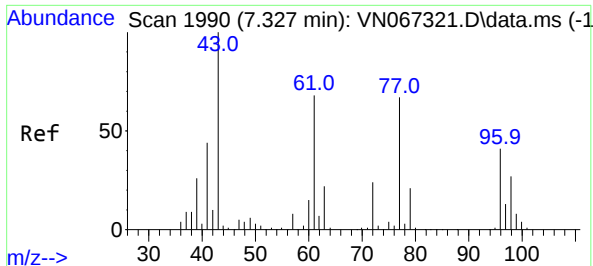
Tgt Ion: 43 Resp: 15266
 Ion Ratio Lower Upper
 43 100
 86 8.1 7.3 10.9



#25
 2-Butanone
 Concen: 0.50 ug/l
 RT: 7.353 min Scan# 2000
 Delta R.T. 0.011 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 1911
 Ion Ratio Lower Upper
 43 100
 72 21.4 19.7 29.5

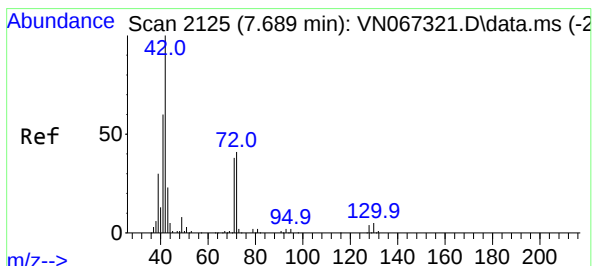
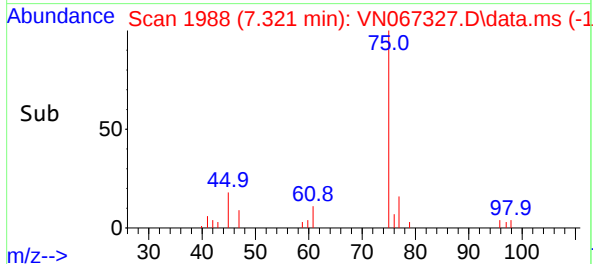
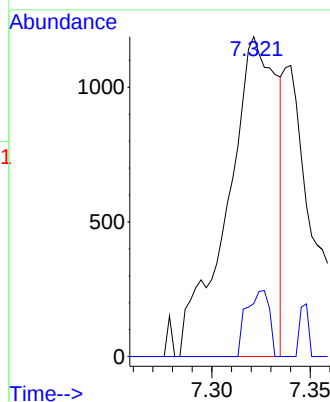
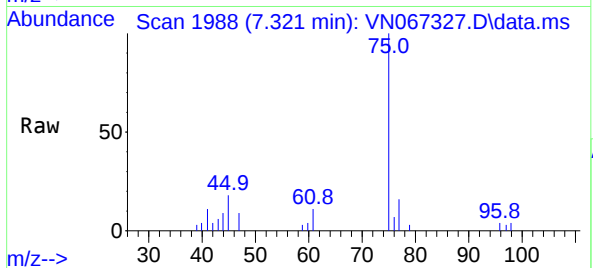




#26
2,2-Dichloropropane
Concen: 0.21 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

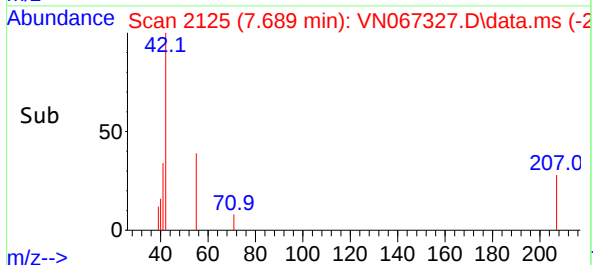
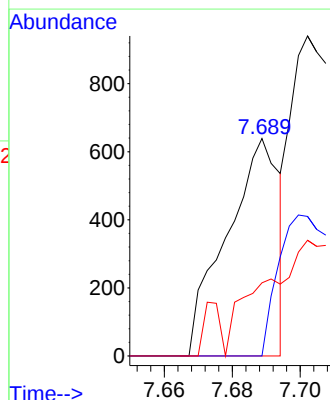
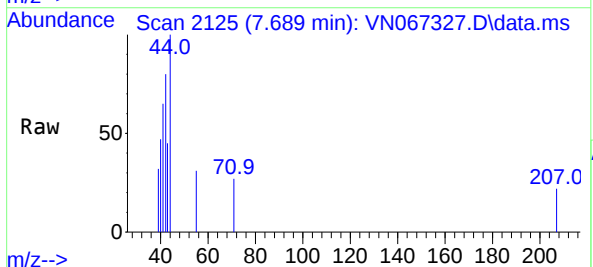
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

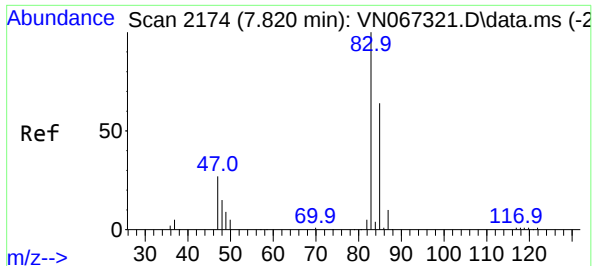
Tgt Ion: 77 Resp: 2080
Ion Ratio Lower Upper
77 100
97 9.5 9.8 29.3#



#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 42 Resp: 686
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 7.3 31.2 46.8#



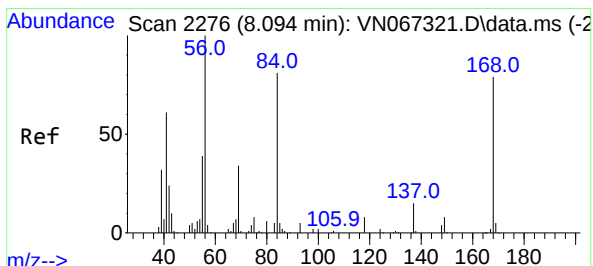
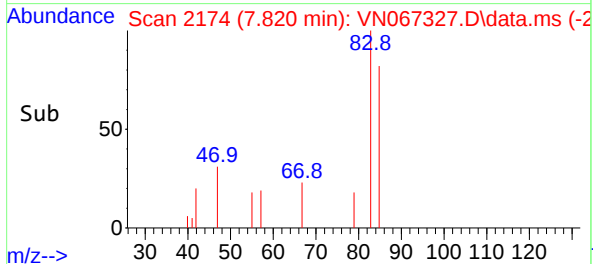
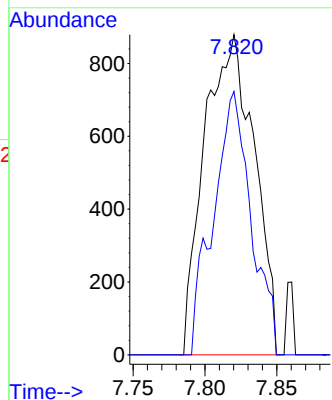
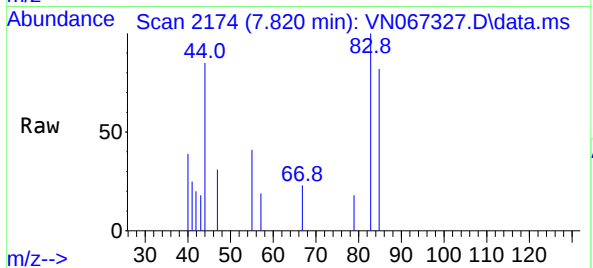


#30

Chloroform
Concen: 0.21 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

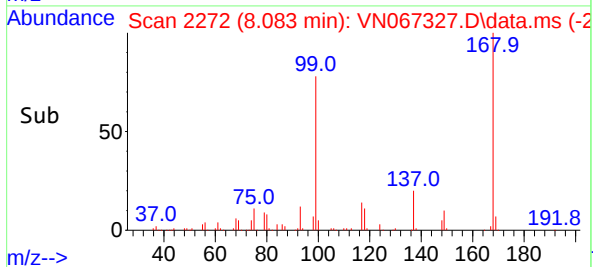
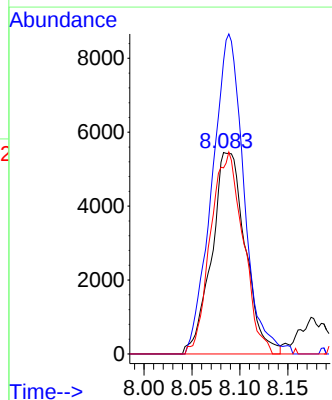
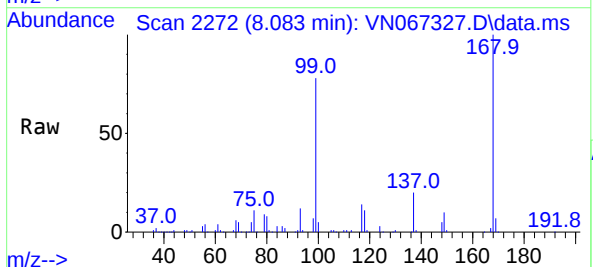
Tgt Ion: 83 Resp: 2120
Ion Ratio Lower Upper
83 100
85 82.3 51.5 77.3#

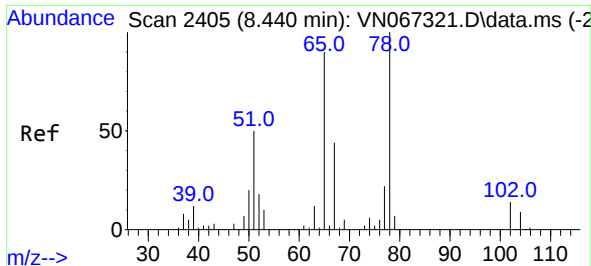


#31

Cyclohexane
Concen: 1.40 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 56 Resp: 13294
Ion Ratio Lower Upper
56 100
69 145.5 27.3 40.9#
84 92.4 64.9 97.3

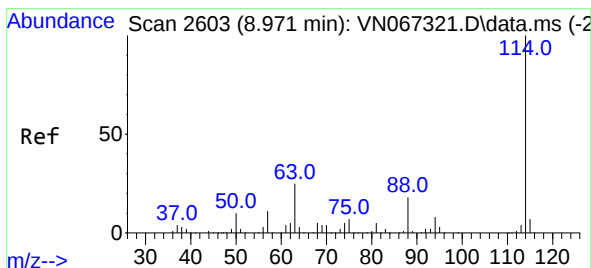
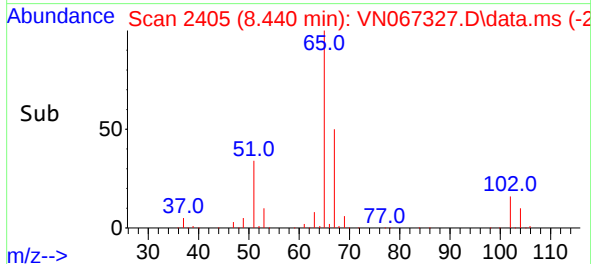
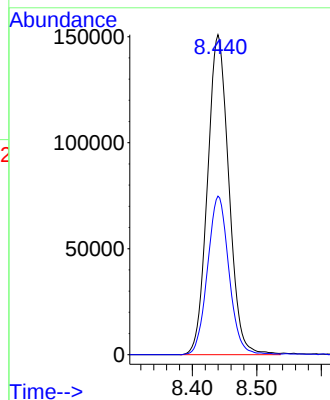
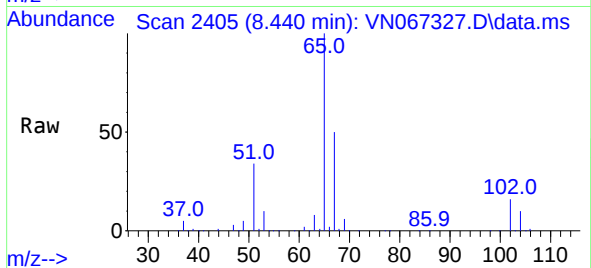




#33
1,2-Dichloroethane-d4
Concen: 49.60 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

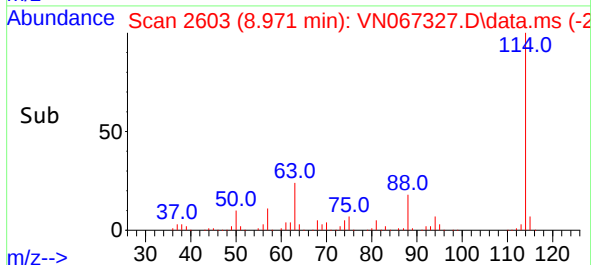
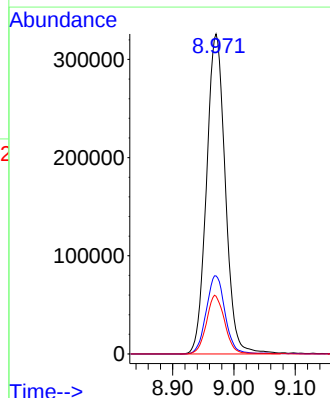
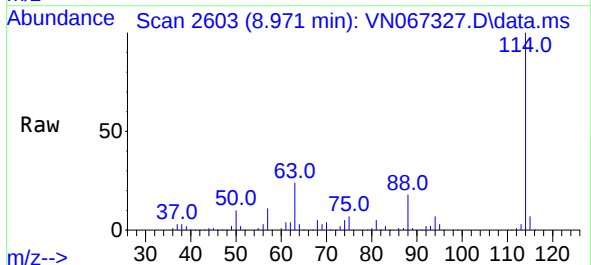
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

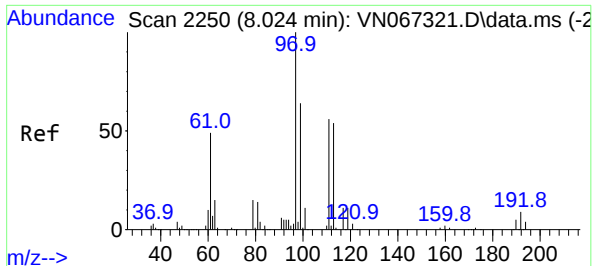
Tgt Ion: 65 Resp: 347050
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 114 Resp: 694086
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.0
88 18.1 0.0 36.6

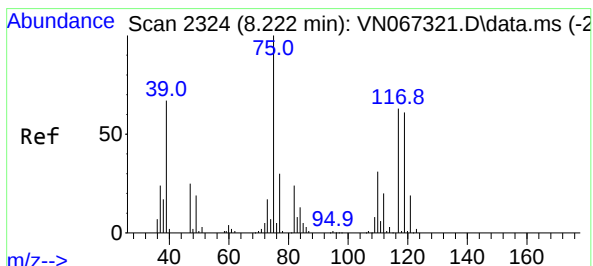
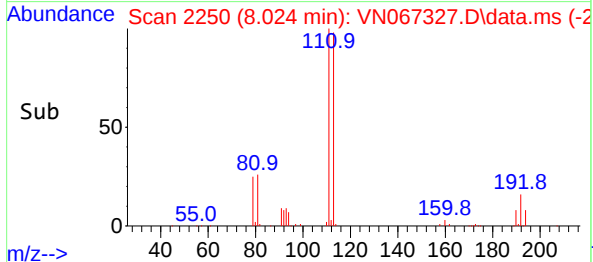
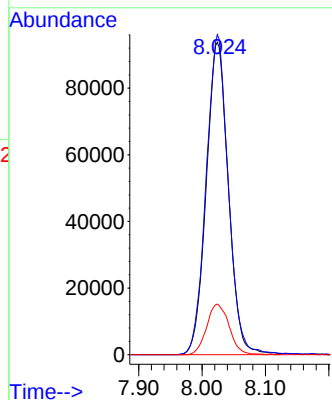
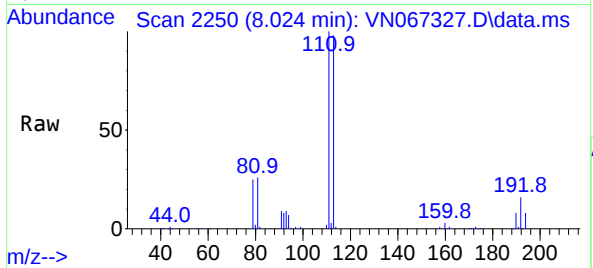




#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

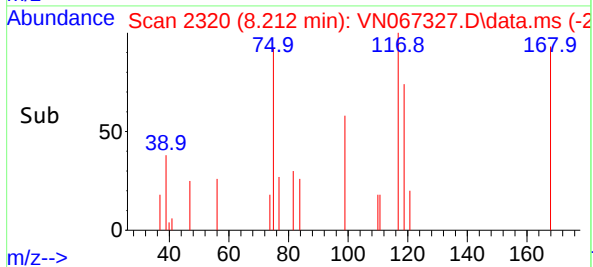
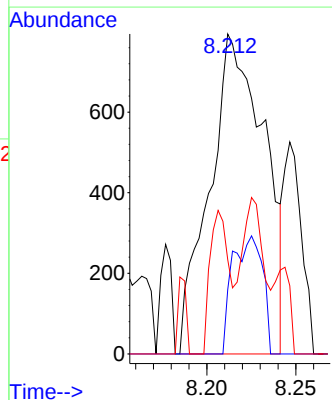
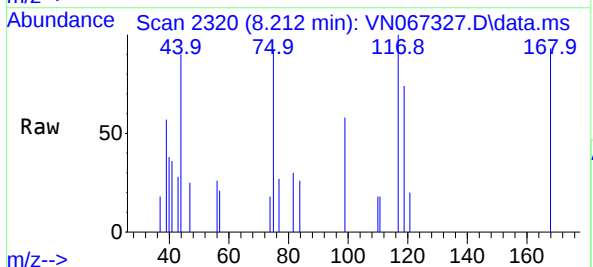
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

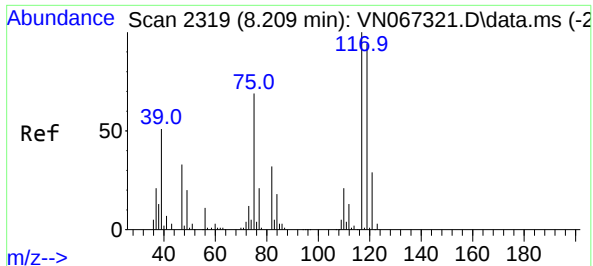
Tgt Ion:113 Resp: 227545
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.22 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. -0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 75 Resp: 1694
Ion Ratio Lower Upper
75 100
110 0.0 15.7 47.0#
77 15.2 24.6 37.0#

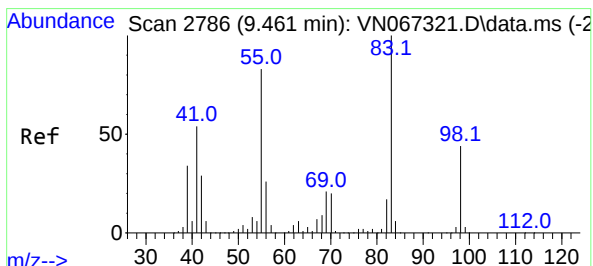
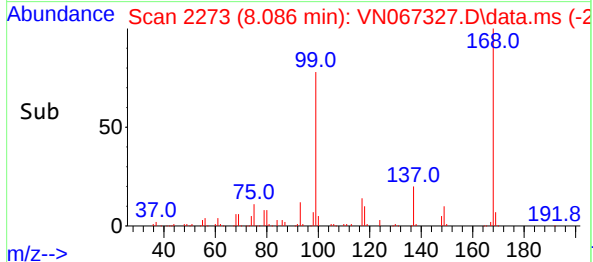
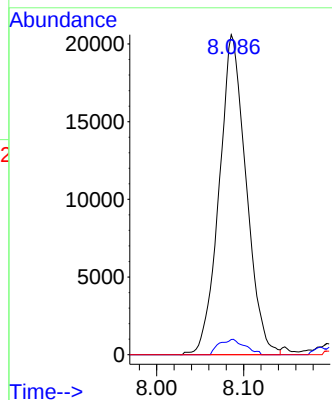
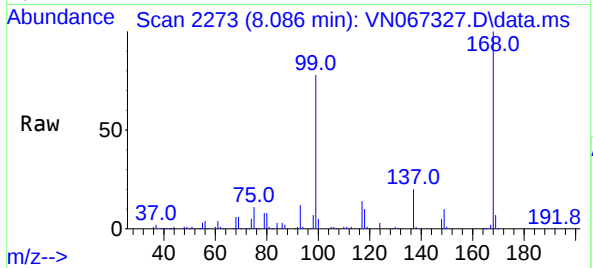




#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

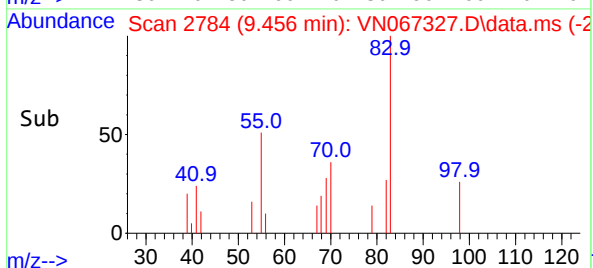
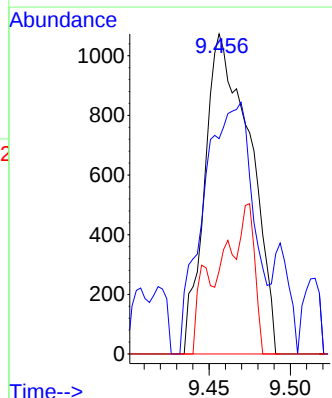
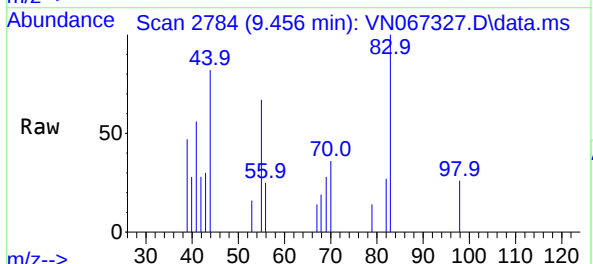
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

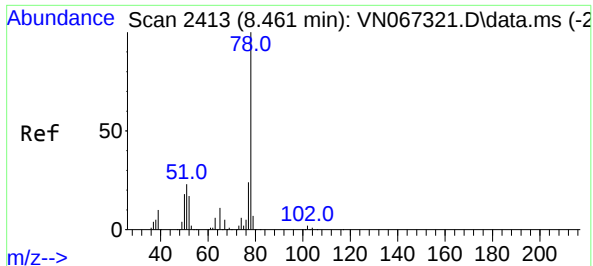
Tgt Ion:117 Resp: 44383
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.25 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 83 Resp: 2074
Ion Ratio Lower Upper
83 100
55 67.3 66.6 99.8
98 25.9 35.3 52.9#

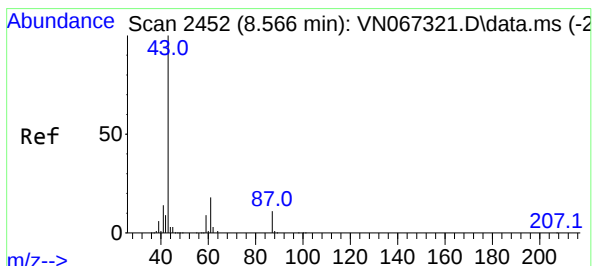
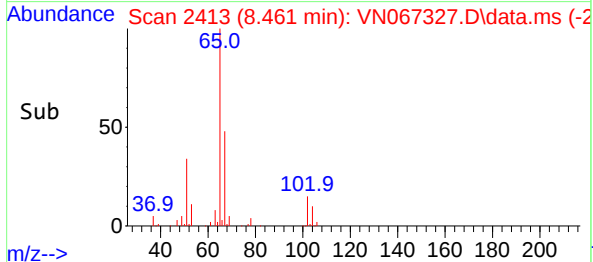
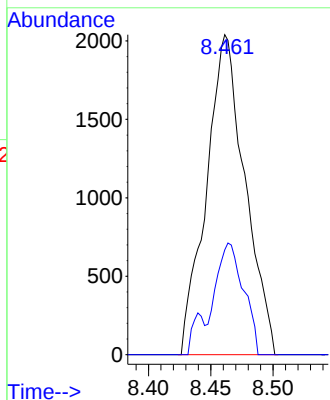
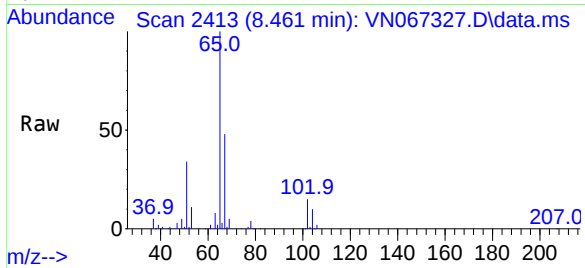




#40
Benzene
Concen: 0.20 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

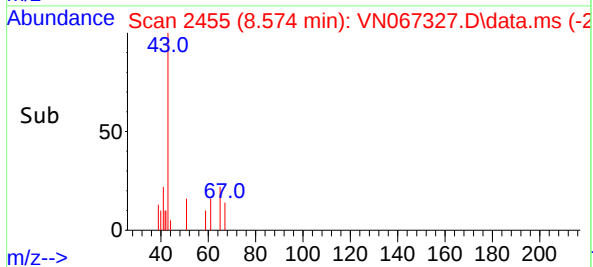
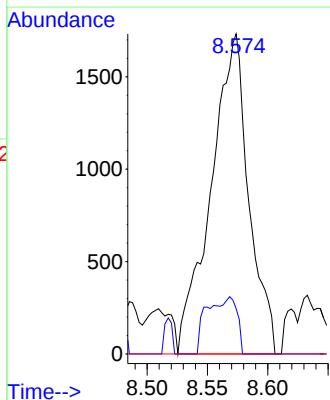
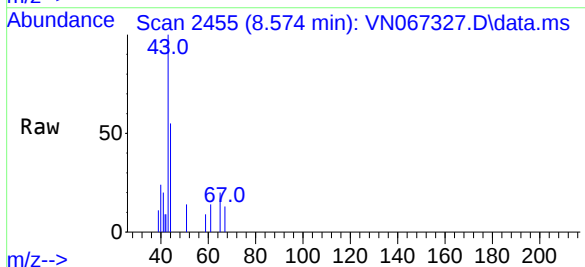
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

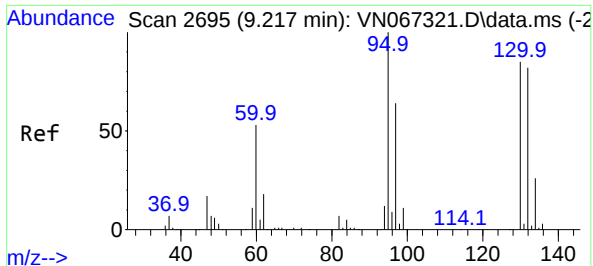
Tgt Ion: 78 Resp: 4398
Ion Ratio Lower Upper
78 100
77 32.7 18.9 28.3#



#43
Isopropyl Acetate
Concen: 0.26 ug/l
RT: 8.574 min Scan# 2455
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
61 14.1 19.0 28.4#
87 0.0 9.5 14.3#

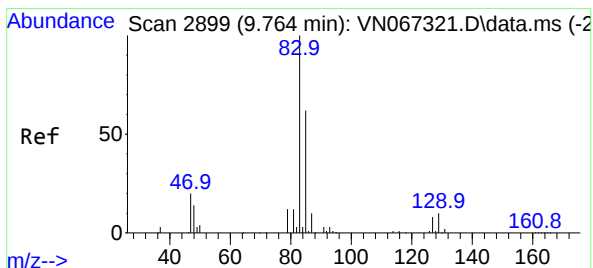
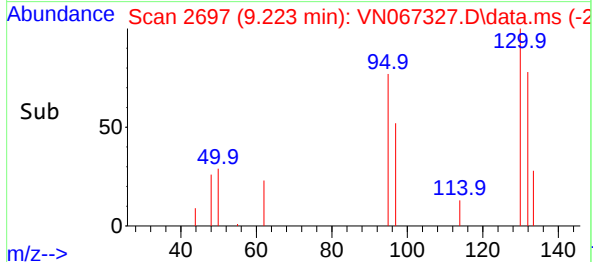
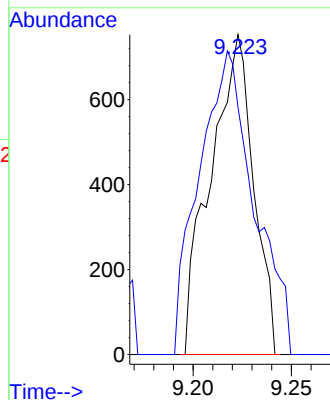
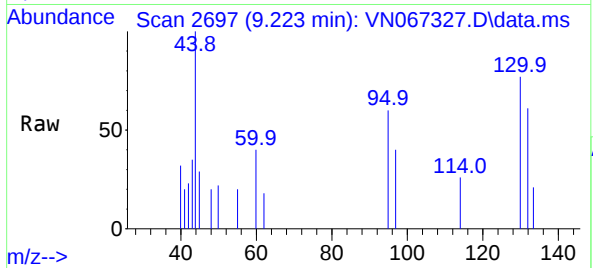




#44
 Trichloroethene
 Concen: 0.22 ug/l
 RT: 9.223 min Scan# 2697
 Delta R.T. 0.005 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

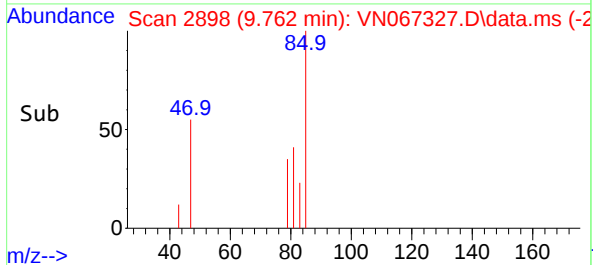
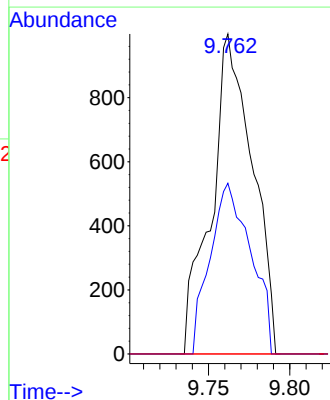
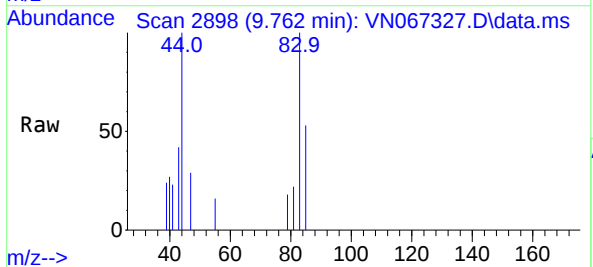
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

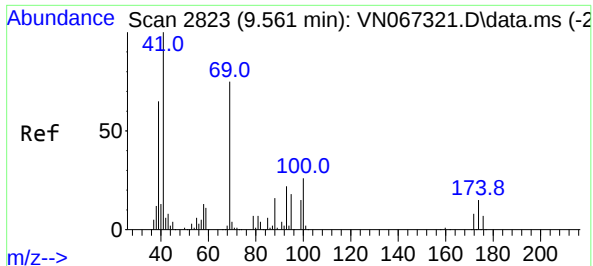
Tgt Ion:130 Resp: 1141
 Ion Ratio Lower Upper
 130 100
 95 53.8 0.0 234.4



#47
 Bromodichloromethane
 Concen: 0.20 ug/l
 RT: 9.762 min Scan# 2898
 Delta R.T. -0.003 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

Tgt Ion: 83 Resp: 1769
 Ion Ratio Lower Upper
 83 100
 85 53.4 49.9 74.9
 127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 0.22 ug/l

RT: 9.563 min Scan# 2824

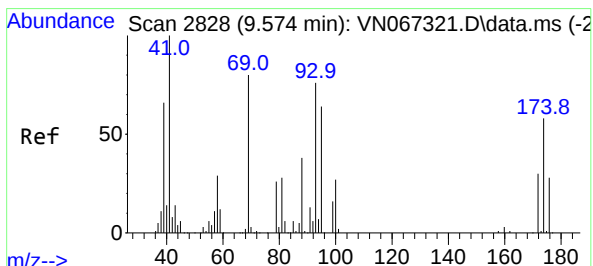
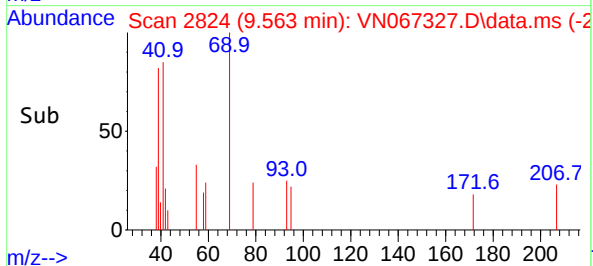
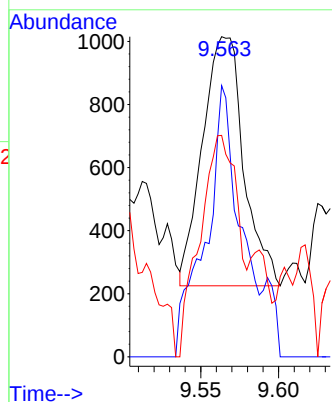
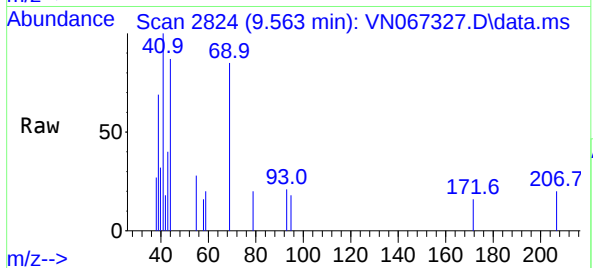
Delta R.T. 0.003 min

Lab File: VN067327.D

Acq: 14 Jun 2021 18:01

Tgt Ion:	41	Resp:	1456
Ion	Ratio	Lower	Upper
41	100		
69	89.4	64.6	96.8
39	82.3	53.3	79.9#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



#49

1,4-Dioxane

Concen: 1.14 ug/l

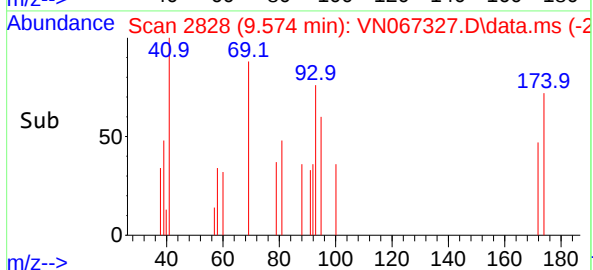
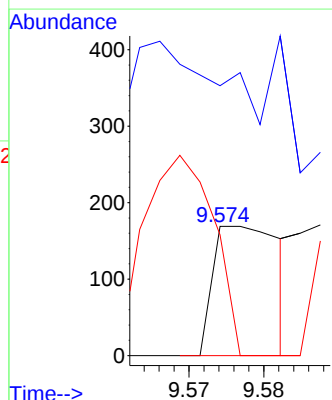
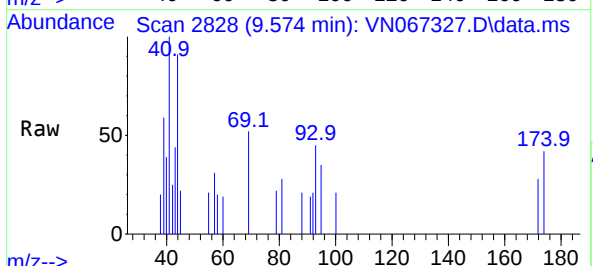
RT: 9.574 min Scan# 2828

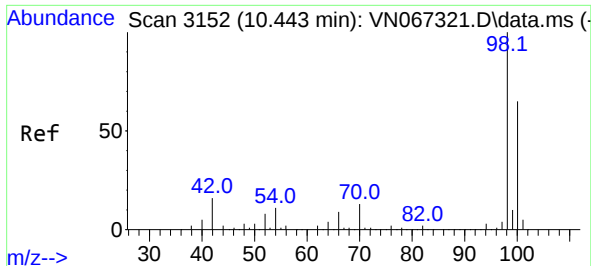
Delta R.T. 0.000 min

Lab File: VN067327.D

Acq: 14 Jun 2021 18:01

Tgt Ion:	88	Resp:	105
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.8	43.2#
58	159.0	60.4	90.6#

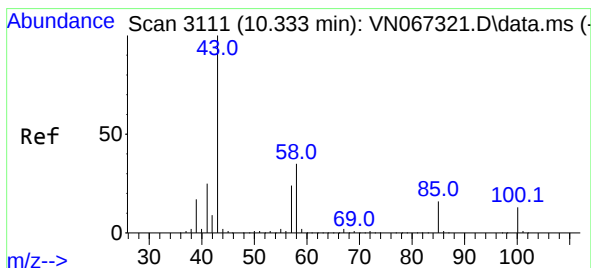
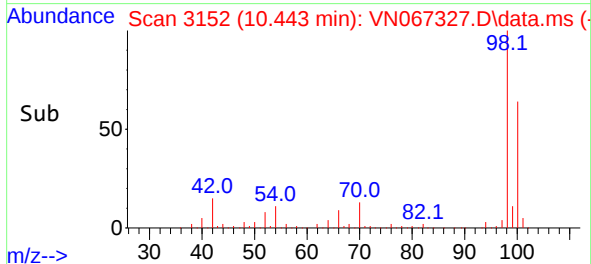
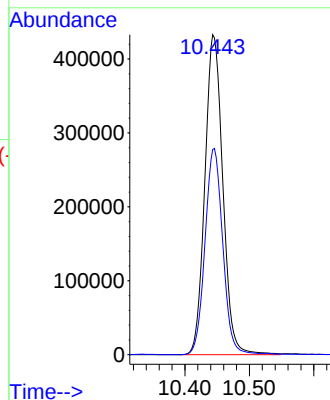
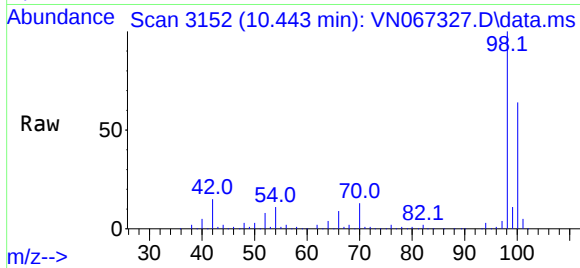




#50
Toluene-d8
Concen: 47.38 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

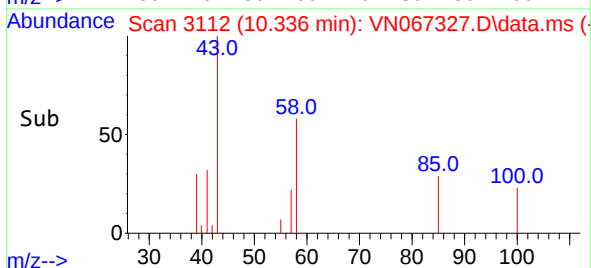
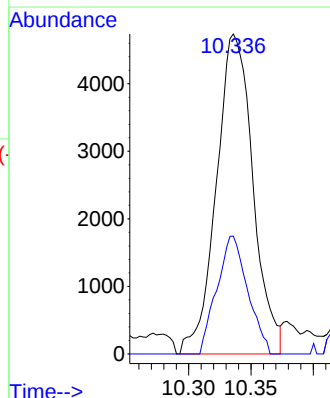
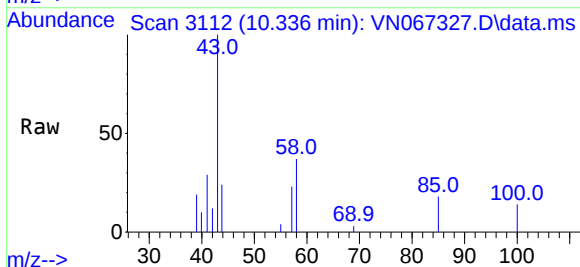
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

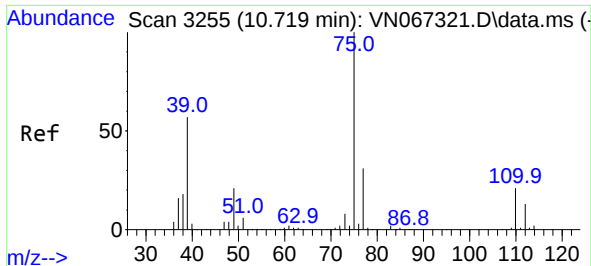
Tgt Ion: 98 Resp: 838381
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 9674
Ion Ratio Lower Upper
43 100
58 30.9 28.6 43.0

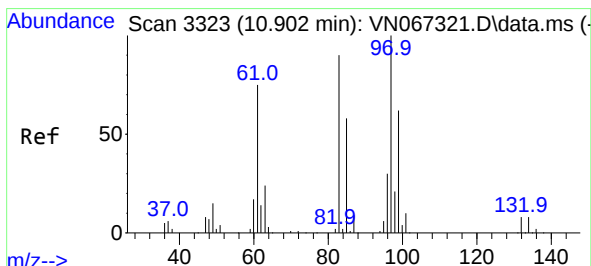
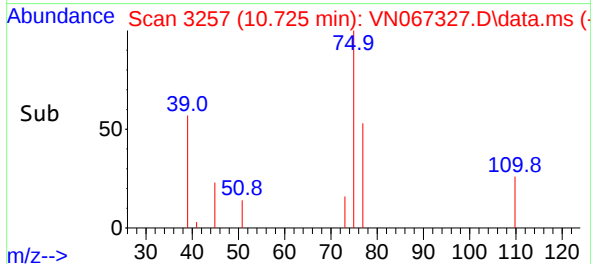
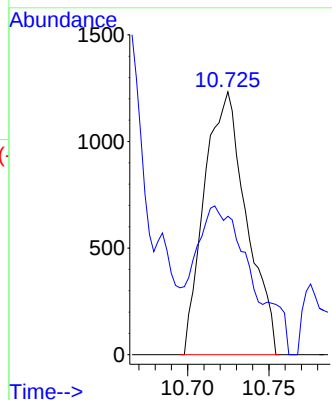
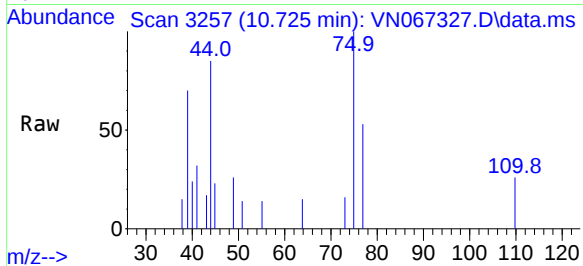




#53
t-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

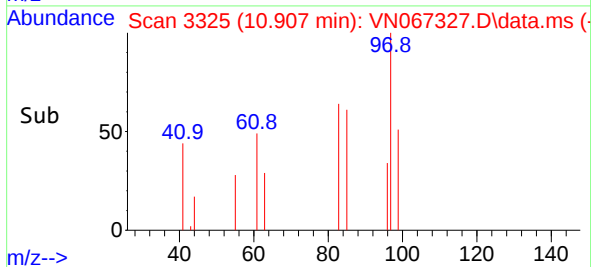
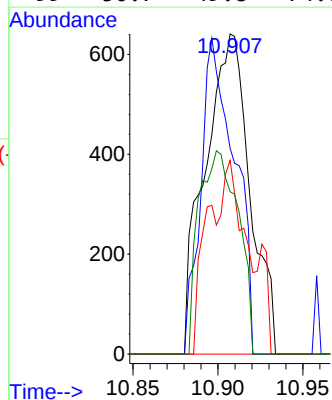
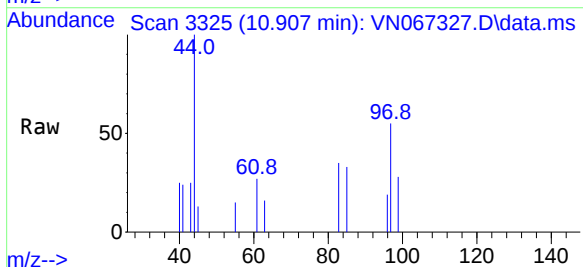
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

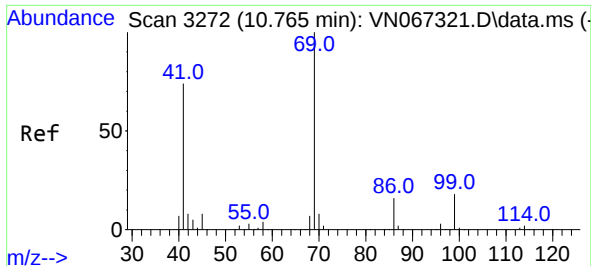
Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
77 34.5 25.1 37.7



#55
1,1,2-Trichloroethane
Concen: 0.22 ug/l
RT: 10.907 min Scan# 3325
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 97 Resp: 1182
Ion Ratio Lower Upper
97 100
83 64.3 72.0 108.0#
85 60.5 46.8 70.2
99 50.7 49.8 74.6

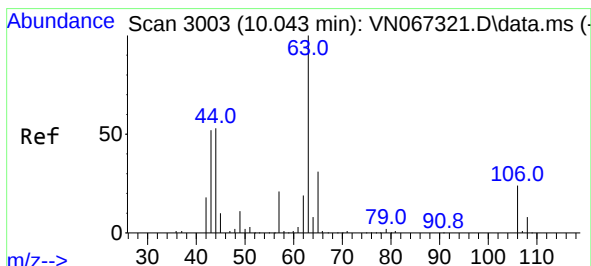
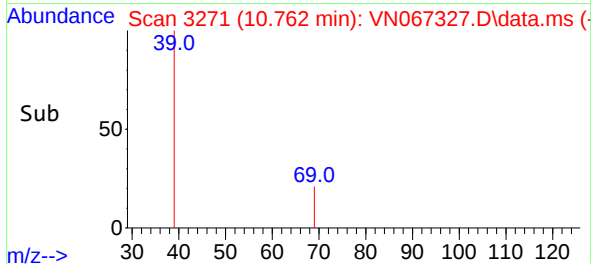
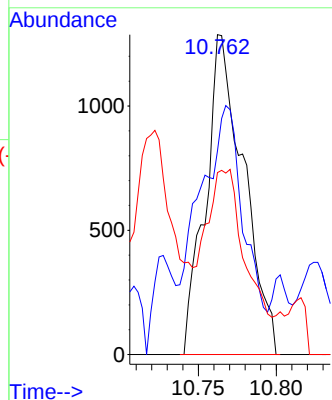
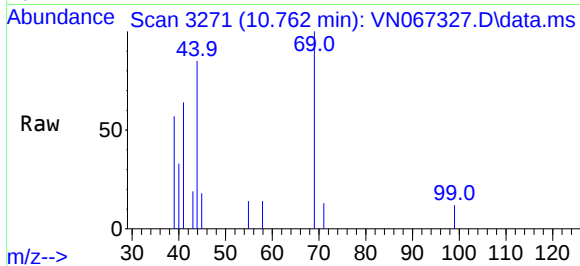




#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

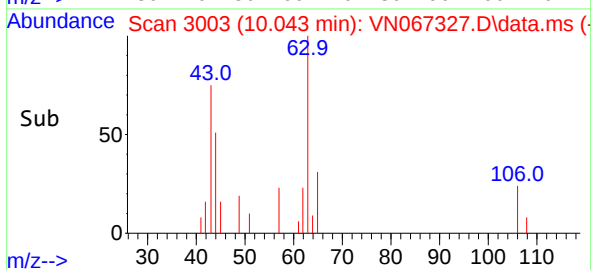
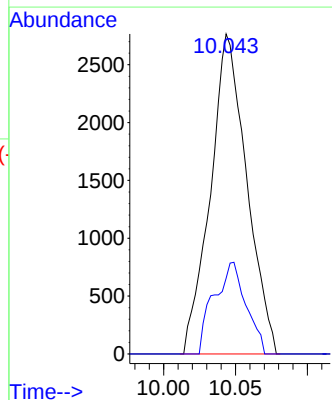
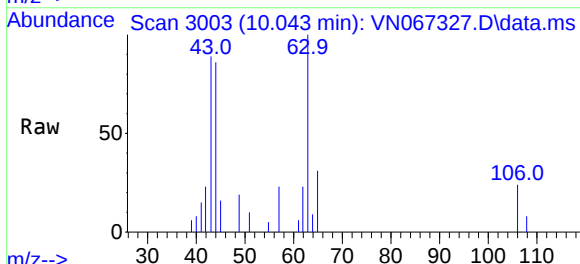
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

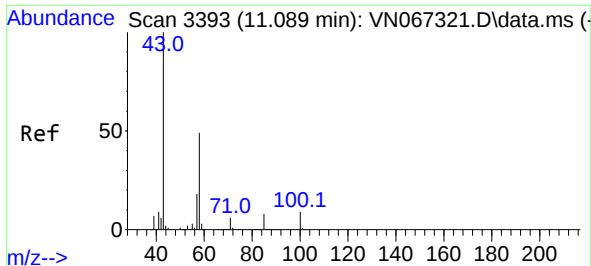
Tgt Ion:	69	Resp:	2189
Ion	Ratio	Lower	Upper
69	100		
41	66.9	58.6	88.0
39	64.0	38.3	57.5#



#58
2-Chloroethyl Vinyl ether
Concen: 1.76 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	63	Resp:	4850
Ion	Ratio	Lower	Upper
63	100		
106	25.3	19.8	29.8

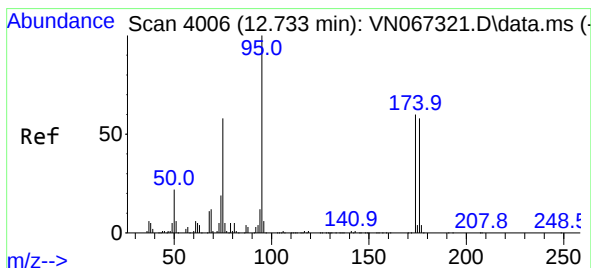
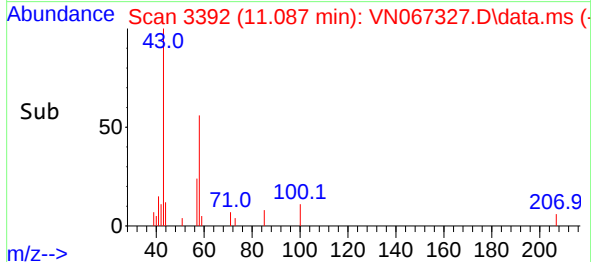
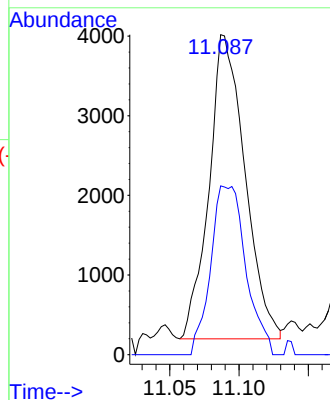
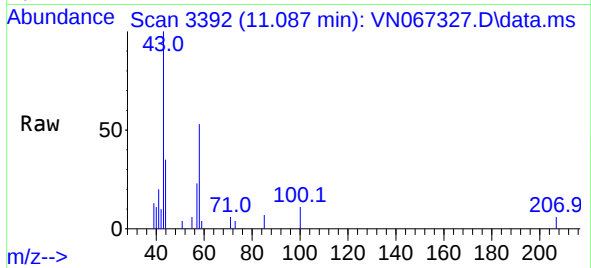




#59
2-Hexanone
Concen: 1.10 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

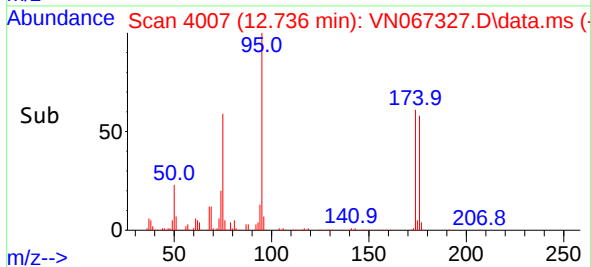
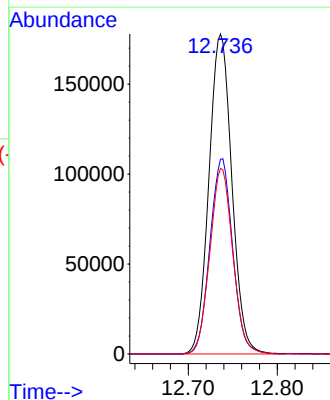
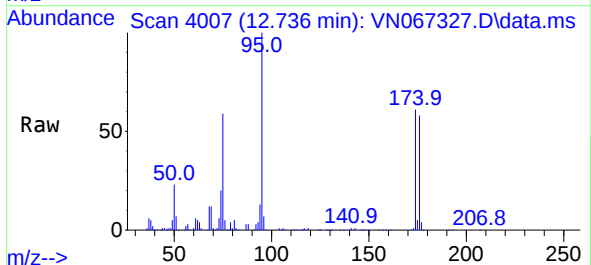
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

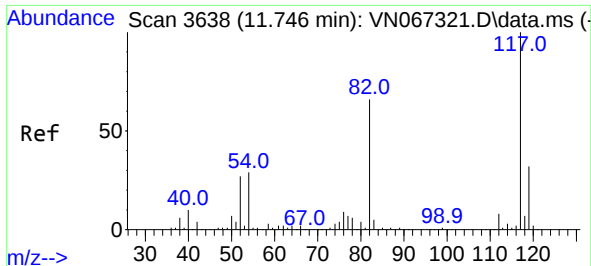
Tgt Ion: 43 Resp: 6884
Ion Ratio Lower Upper
43 100
58 54.3 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 43.56 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 95 Resp: 318098
Ion Ratio Lower Upper
95 100
174 60.6 0.0 122.0
176 58.0 0.0 117.6

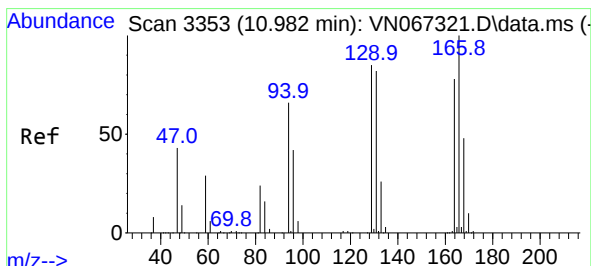
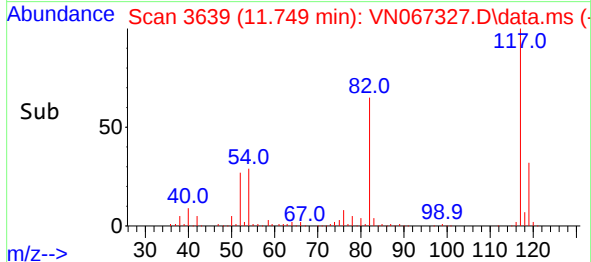
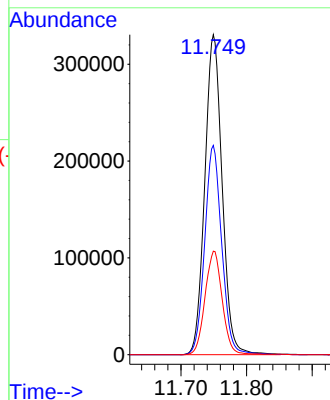
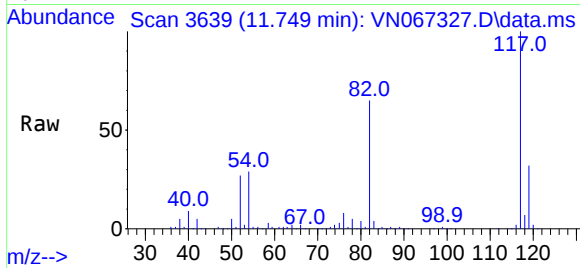




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

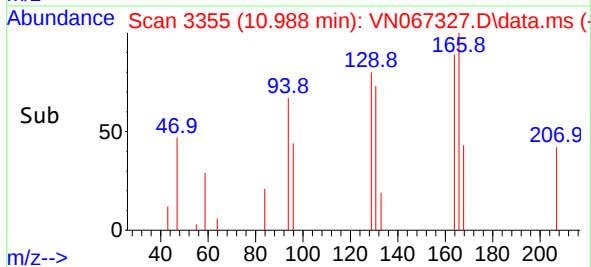
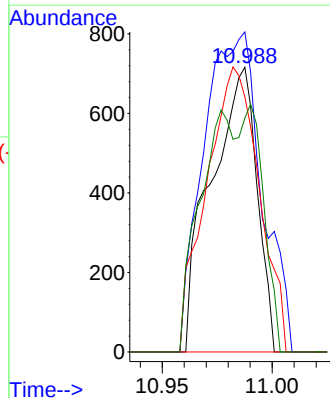
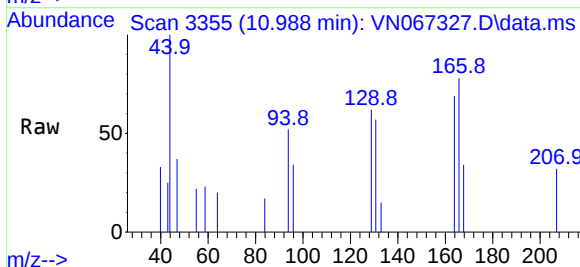
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

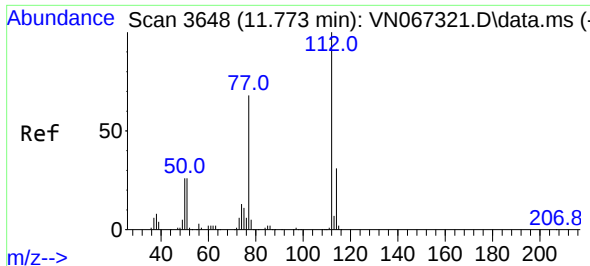
Tgt Ion:117 Resp: 607278
Ion Ratio Lower Upper
117 100
82 65.4 53.1 79.7
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 10.988 min Scan# 3355
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:164 Resp: 1041
Ion Ratio Lower Upper
164 100
166 112.4 102.1 153.1
129 89.7 86.9 130.3
131 82.1 83.6 125.4#

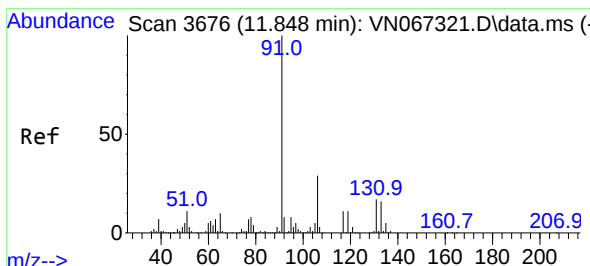
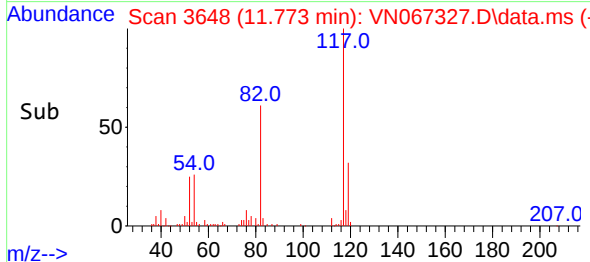
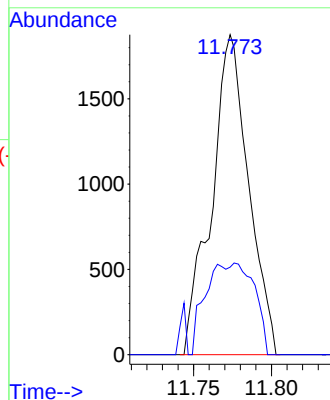
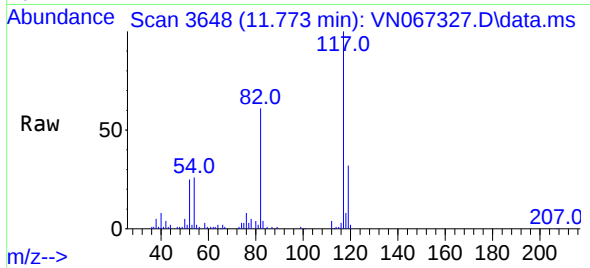




#65
Chlorobenzene
Concen: 0.23 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

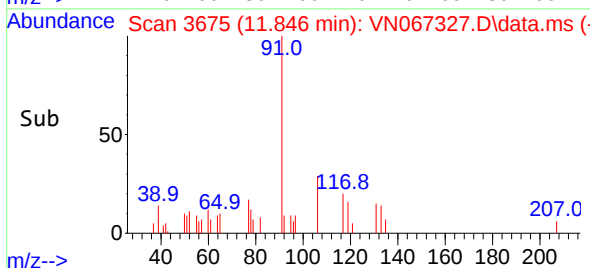
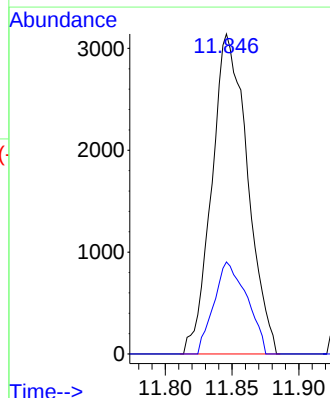
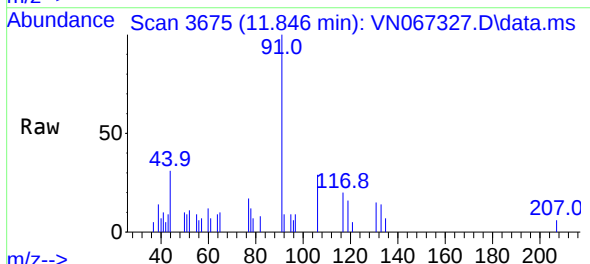
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

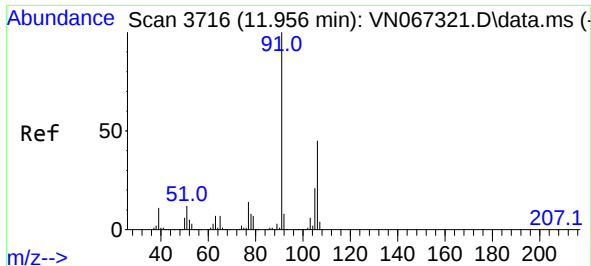
Tgt Ion:112 Resp: 3104
Ion Ratio Lower Upper
112 100
114 27.3 24.6 37.0



#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 91 Resp: 5841
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.0

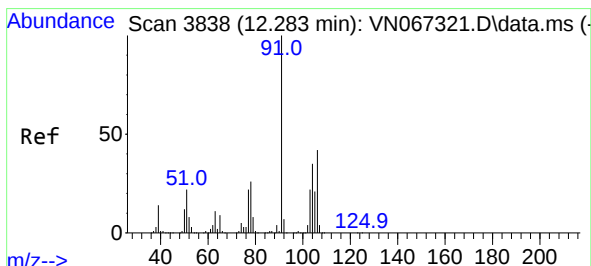
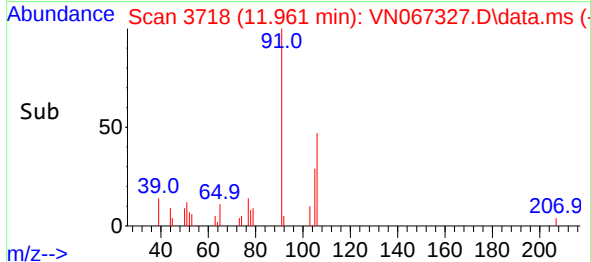
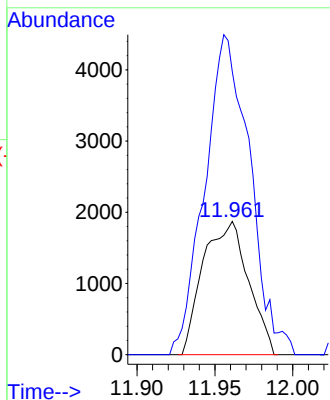
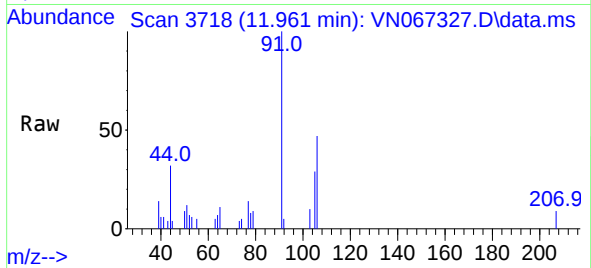




#68
m/p-Xylenes
Concen: 0.41 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

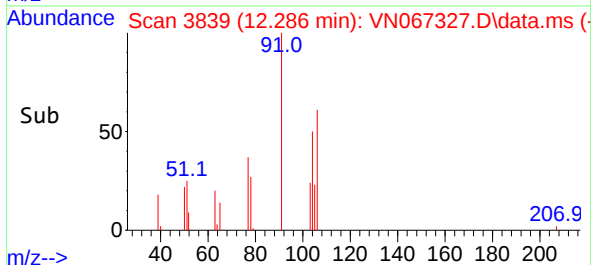
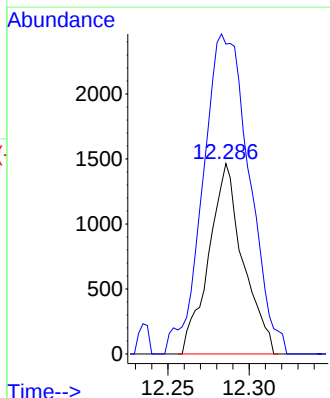
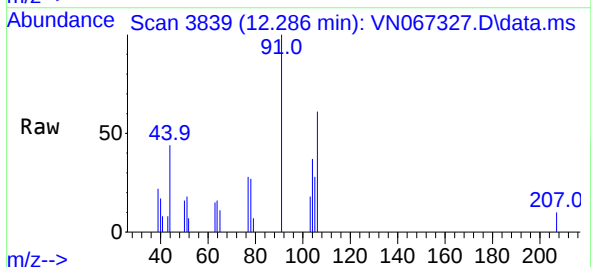
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

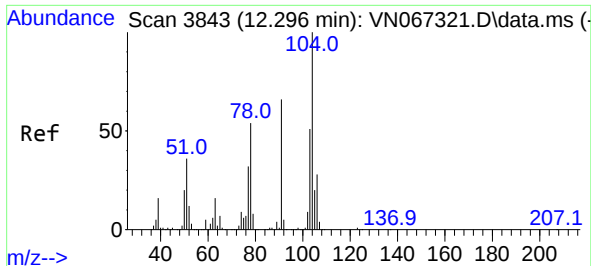
Tgt Ion:106 Resp: 3790
Ion Ratio Lower Upper
106 100
91 238.8 180.6 270.8



#69
o-Xylene
Concen: 0.24 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:106 Resp: 2142
Ion Ratio Lower Upper
106 100
91 227.7 118.3 354.9

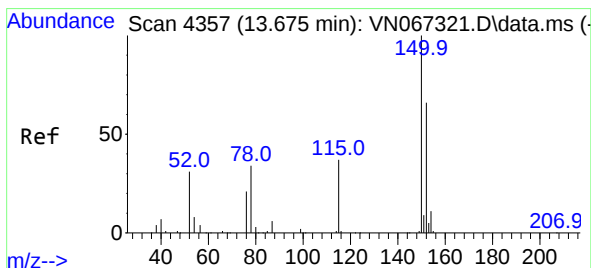
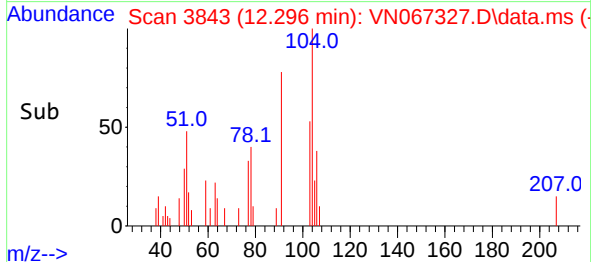
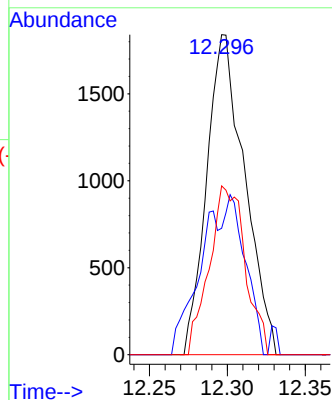
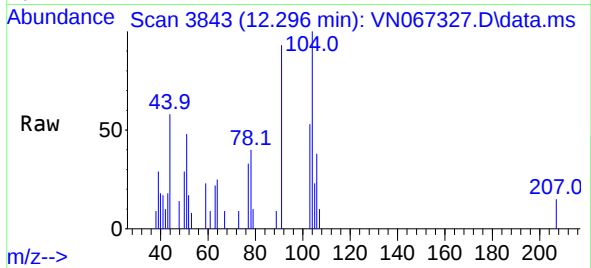




#70
Styrene
Concen: 0.21 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

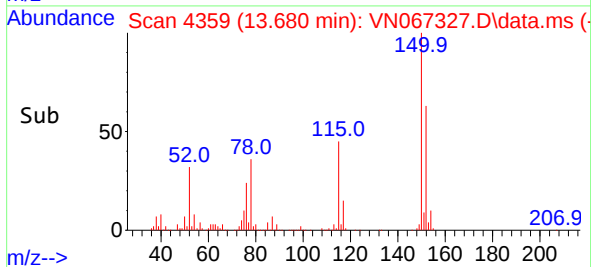
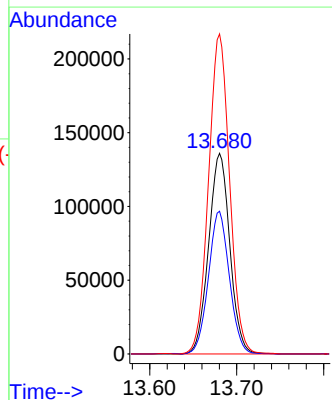
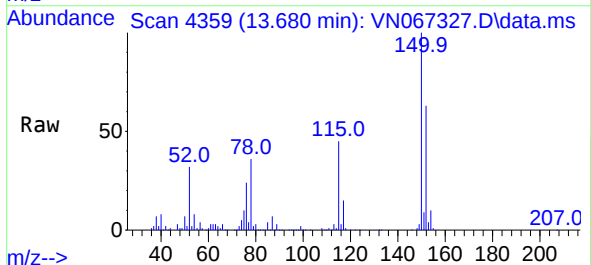
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

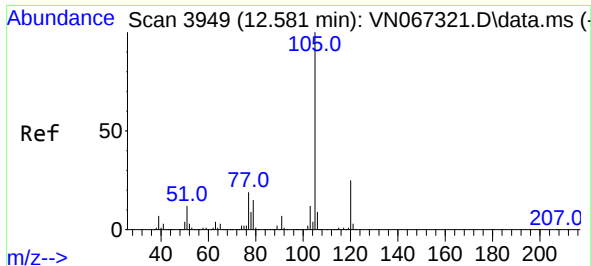
Tgt Ion:104 Resp: 3117
Ion Ratio Lower Upper
104 100
78 27.5 48.2 72.2#
103 49.9 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:152 Resp: 230322
Ion Ratio Lower Upper
152 100
115 70.3 36.1 108.5
150 158.4 0.0 351.8

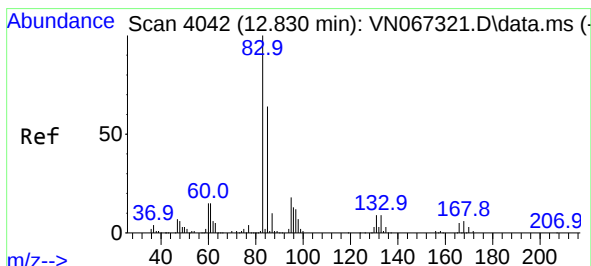
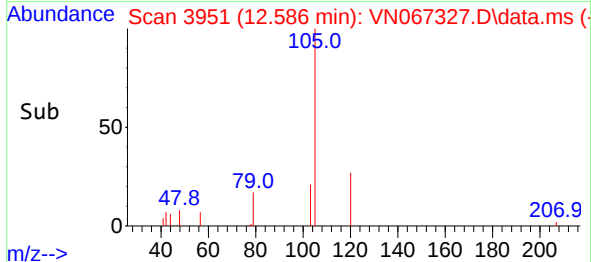
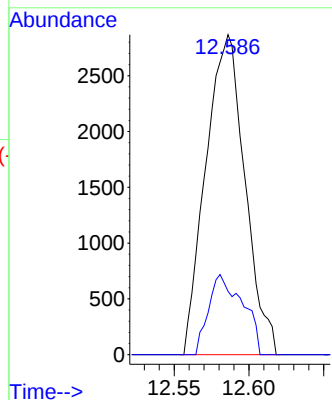
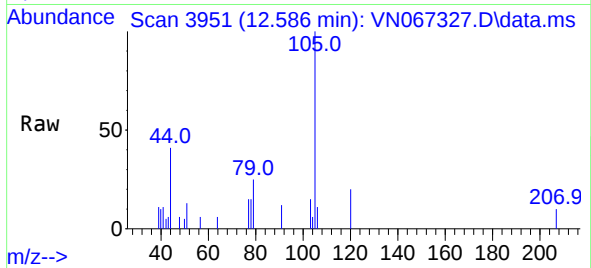




#73
Isopropylbenzene
Concen: 0.24 ug/l
RT: 12.586 min Scan# 3951
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

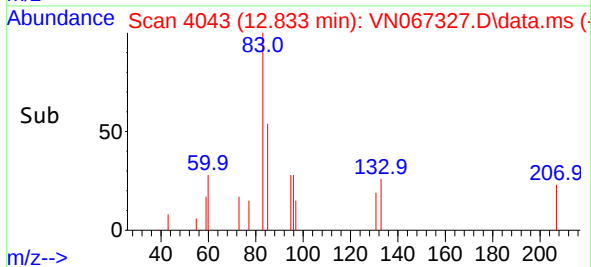
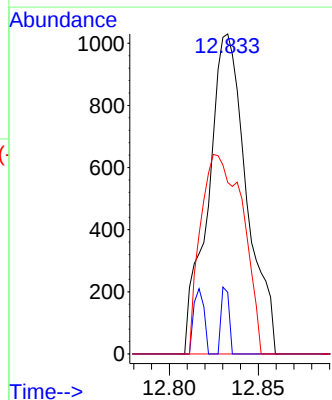
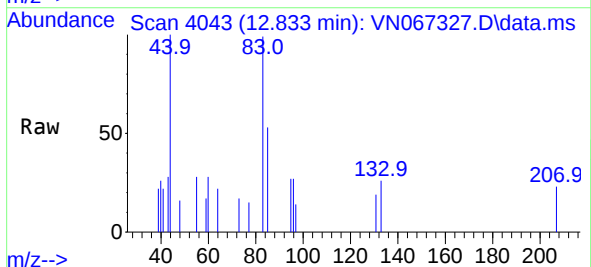
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

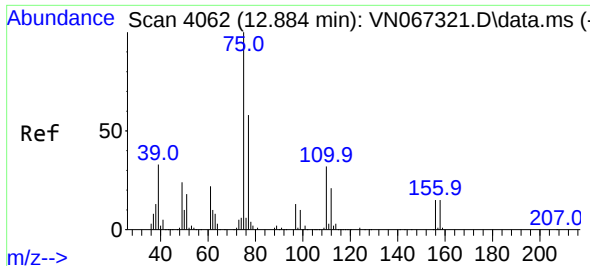
Tgt Ion:105 Resp: 5220
Ion Ratio Lower Upper
105 100
120 21.8 12.5 37.5



#75
1,1,2,2-Tetrachloroethane
Concen: 0.24 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 83 Resp: 1553
Ion Ratio Lower Upper
83 100
131 4.2 4.8 14.4#
85 67.9 32.2 96.6

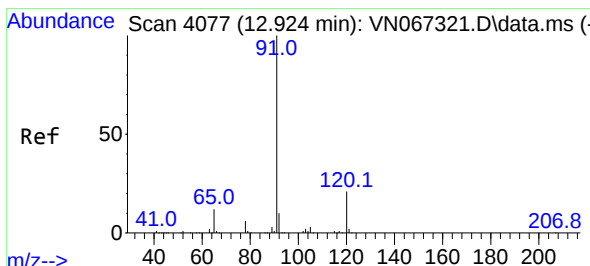
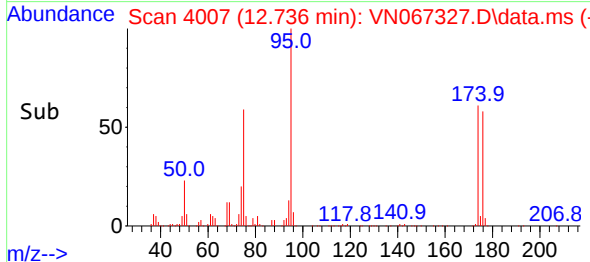
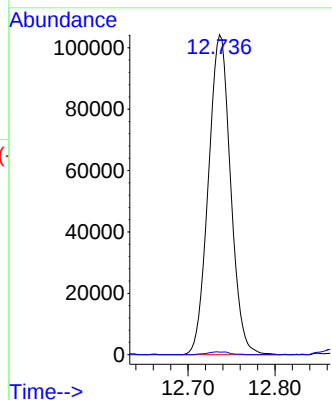
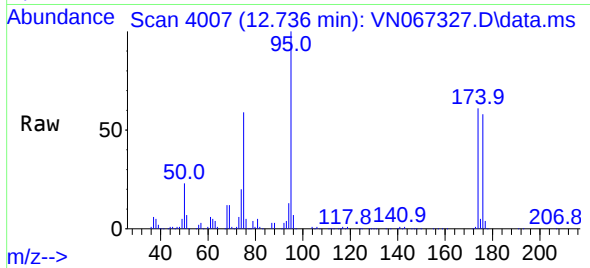




#76
1,2,3-Trichloropropane
Concen: 30.89 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.147 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

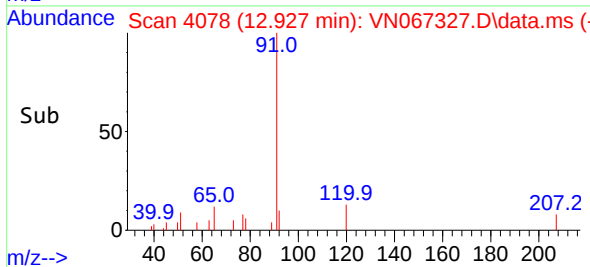
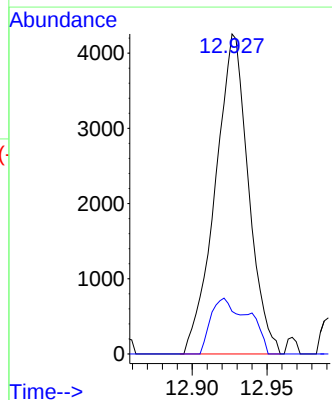
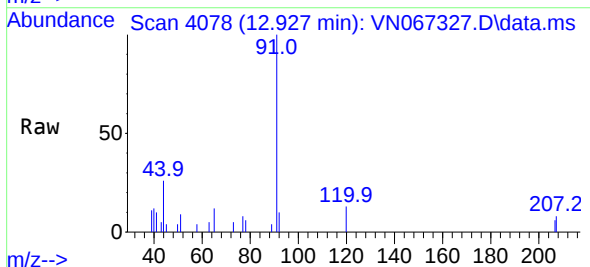
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

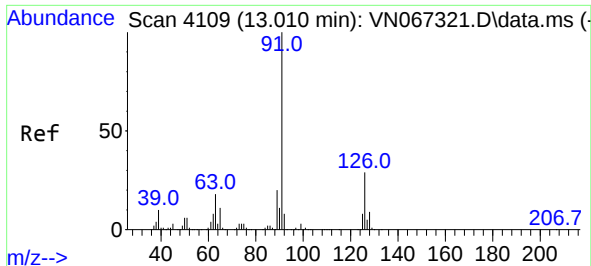
Tgt Ion: 75 Resp: 184750
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 12.927 min Scan# 4078
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 91 Resp: 6569
Ion Ratio Lower Upper
91 100
120 13.4 10.4 31.4

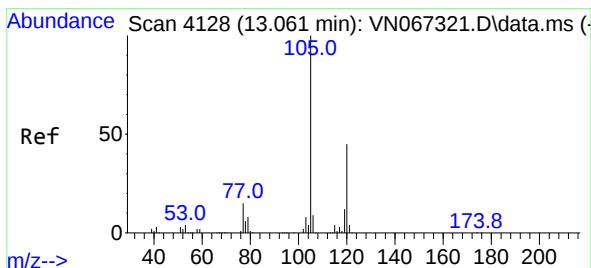
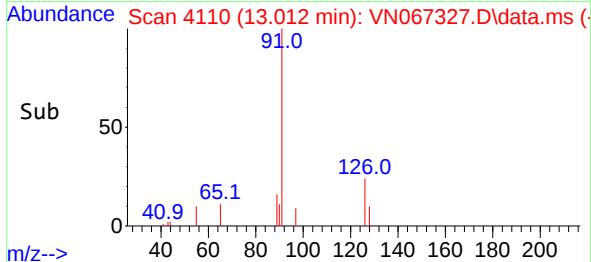
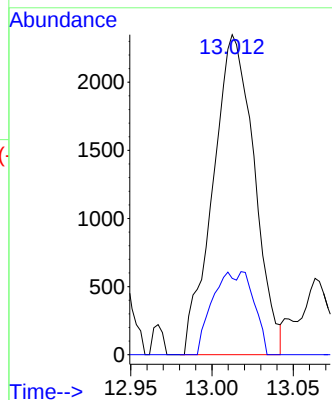
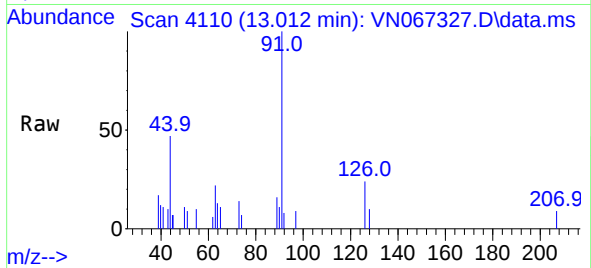




#79
2-Chlorotoluene
Concen: 0.25 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

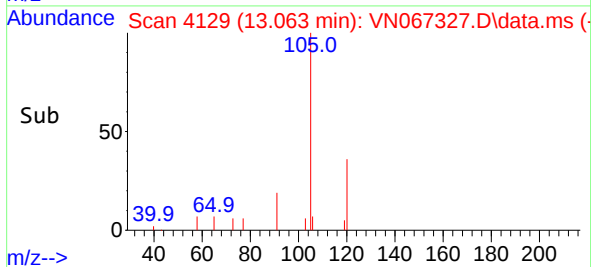
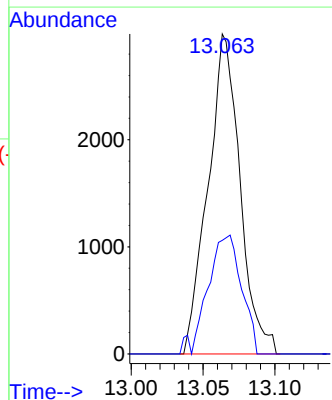
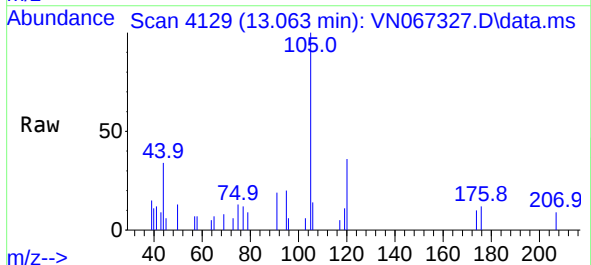
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

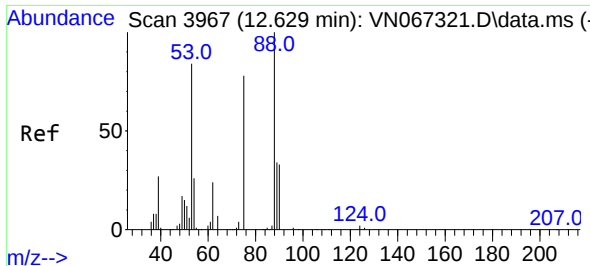
Tgt Ion: 91 Resp: 4158
Ion Ratio Lower Upper
91 100
126 15.7 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.25 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 105 Resp: 4615
Ion Ratio Lower Upper
105 100
120 38.2 22.2 66.6

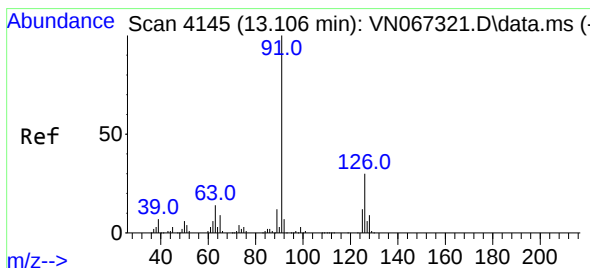
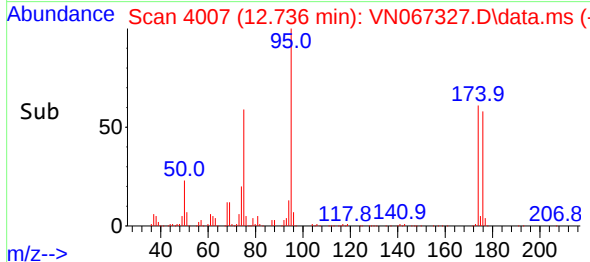
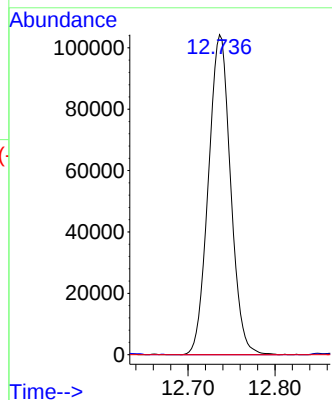
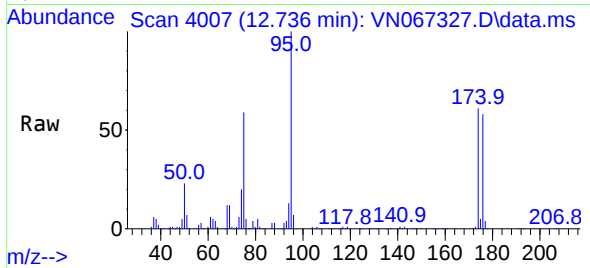




#81
trans-1,4-Dichloro-2-butene
Concen: 76.55 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

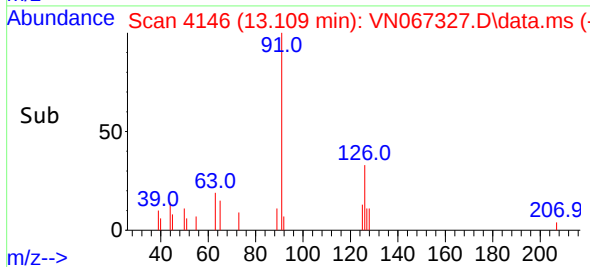
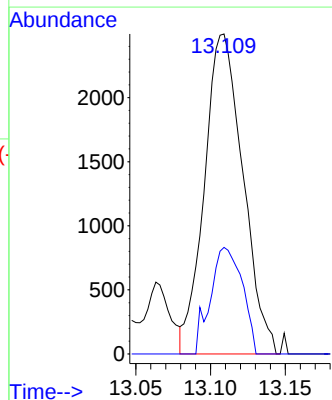
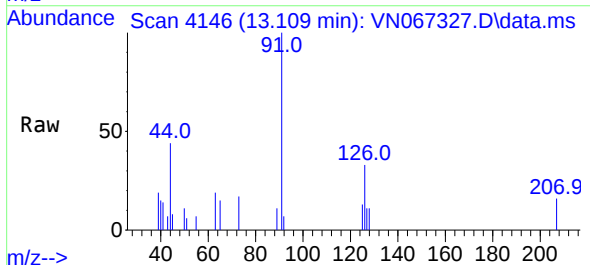
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

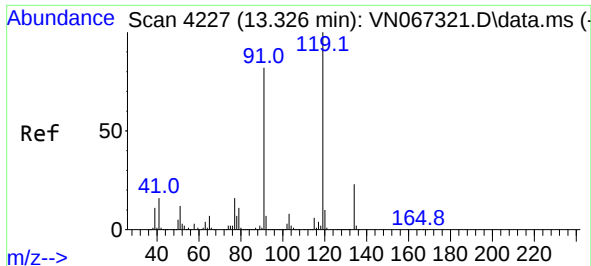
Tgt Ion: 75 Resp: 184750
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 91 Resp: 4472
Ion Ratio Lower Upper
91 100
126 27.5 14.8 44.4

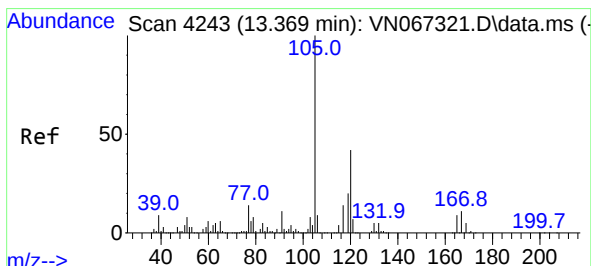
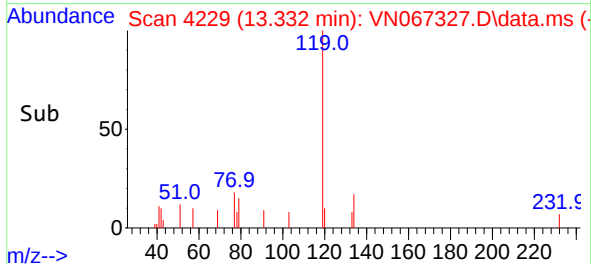
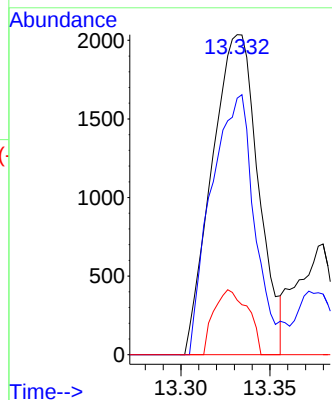
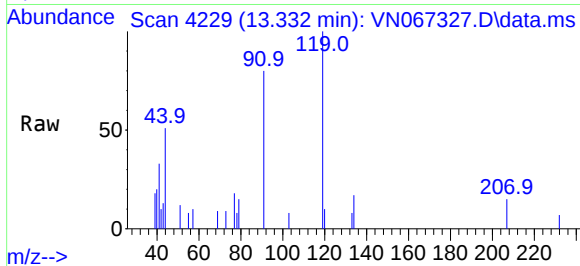




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 13.332 min Scan# 4229
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

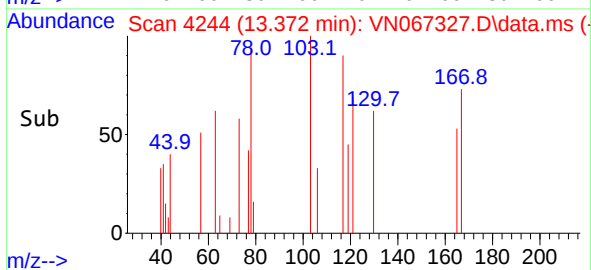
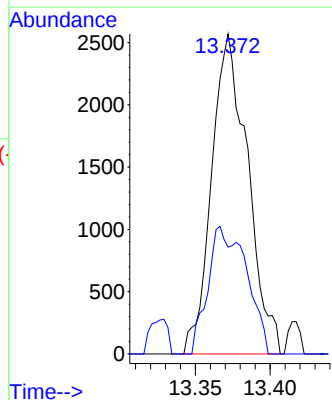
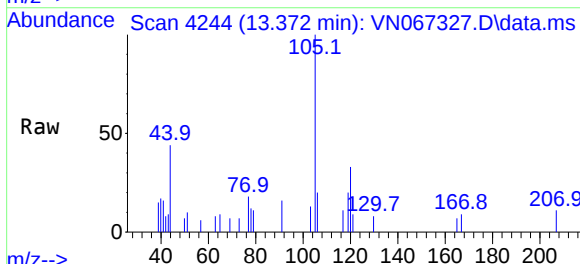
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

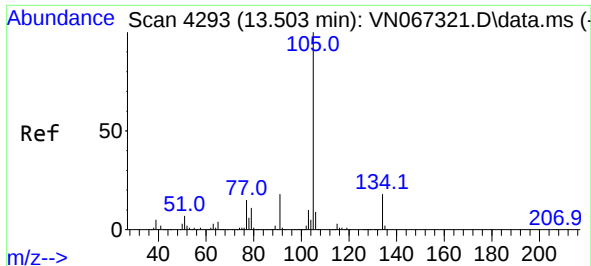
Tgt Ion:	119	Resp:	3695
Ion	Ratio	Lower	Upper
119	100		
91	77.8	39.5	118.5
134	14.8	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 0.23 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	105	Resp:	4315
Ion	Ratio	Lower	Upper
105	100		
120	42.6	20.6	61.8

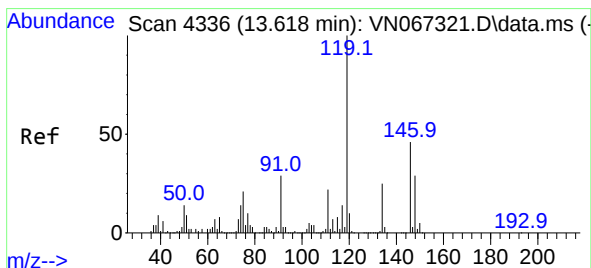
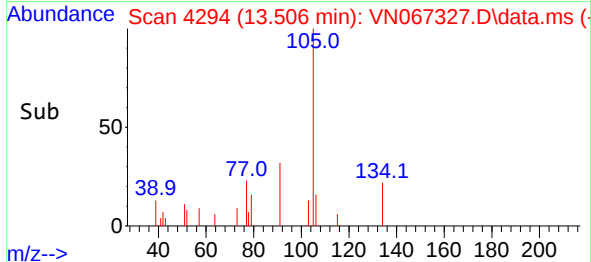
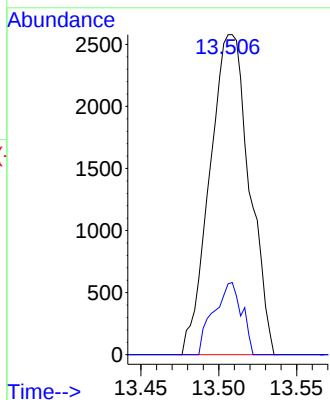
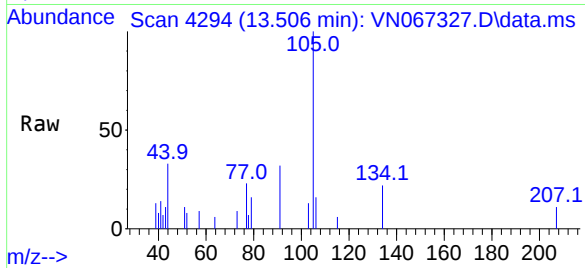




#85
 sec-Butylbenzene
 Concen: 0.22 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

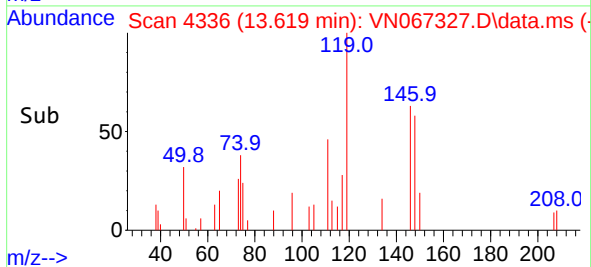
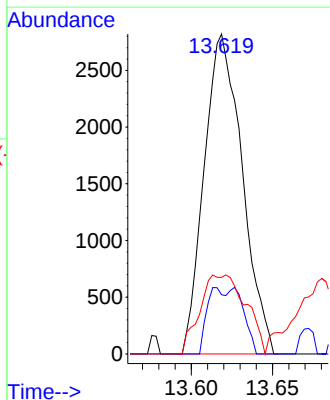
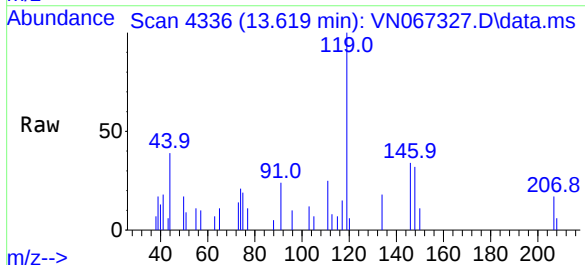
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

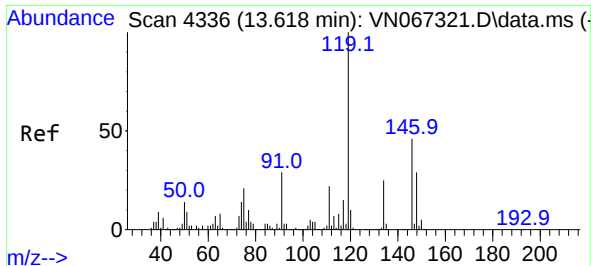
Tgt Ion:105 Resp: 4571
 Ion Ratio Lower Upper
 105 100
 134 15.9 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 0.27 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01

Tgt Ion:119 Resp: 4588
 Ion Ratio Lower Upper
 119 100
 134 10.3 12.4 37.4#
 91 29.6 14.8 44.3

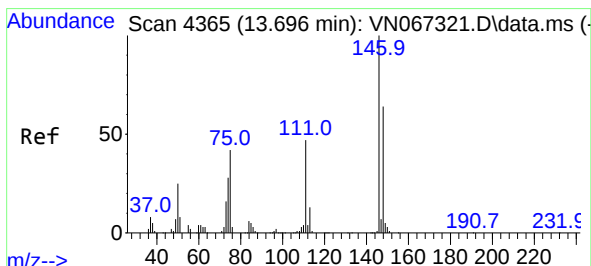
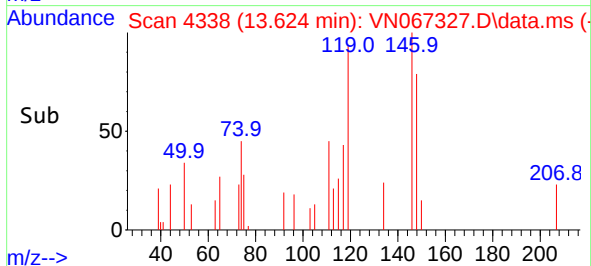
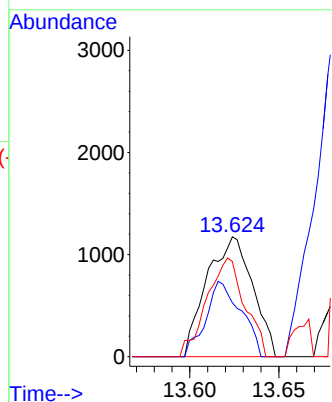
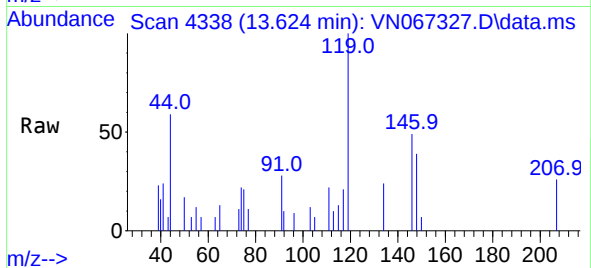




#87
1,3-Dichlorobenzene
Concen: 0.26 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

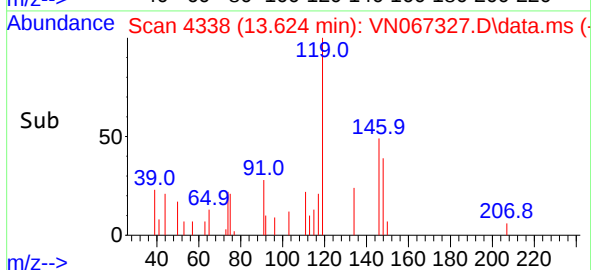
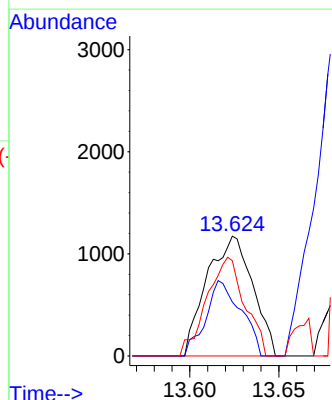
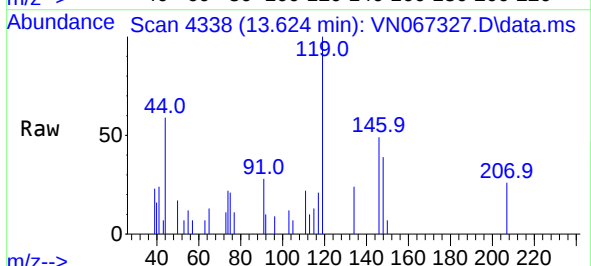
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

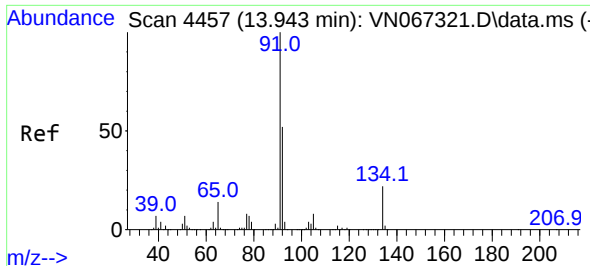
Tgt Ion:	146	Resp:	2096
Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.3	72.8
148	68.2	32.0	96.0



#88
1,4-Dichlorobenzene
Concen: 0.26 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. -0.072 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	146	Resp:	2096
Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.4	70.2
148	68.2	31.8	95.3



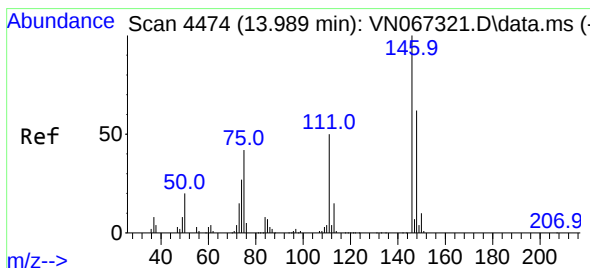
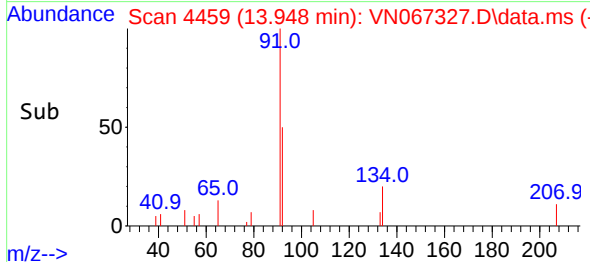
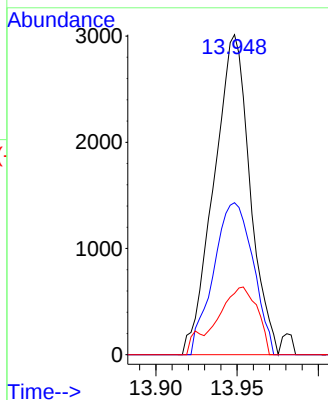
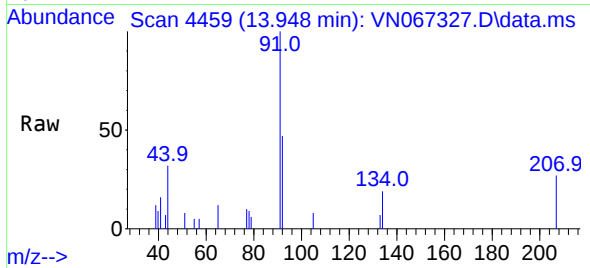


#89
n-Butylbenzene
Concen: 0.29 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Tgt Ion: 91 Resp: 4648

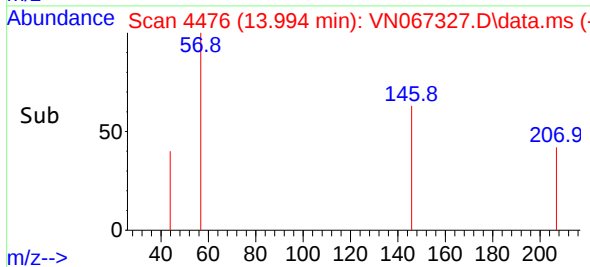
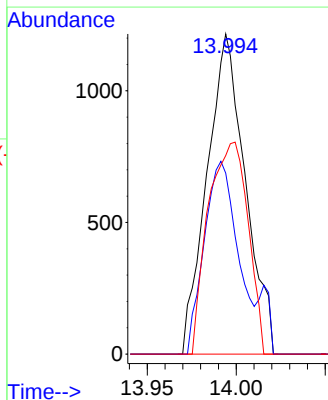
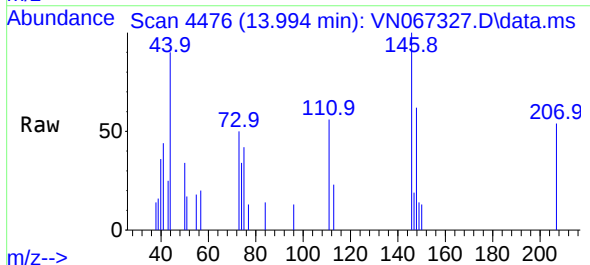
Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.7	77.1
134	21.6	11.2	33.6

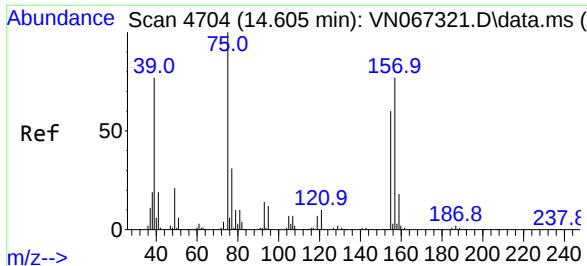


#91
1,2-Dichlorobenzene
Concen: 0.24 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 146 Resp: 1820

Ion	Ratio	Lower	Upper
146	100		
111	52.9	24.9	74.6
148	68.7	31.6	95.0

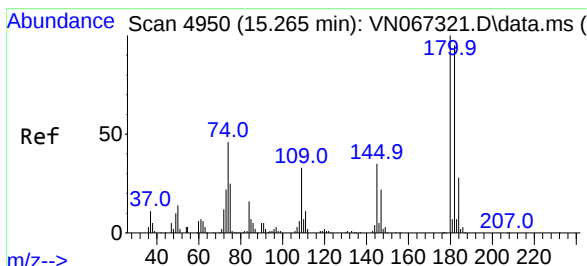
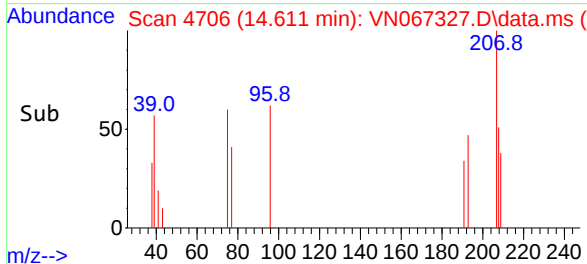
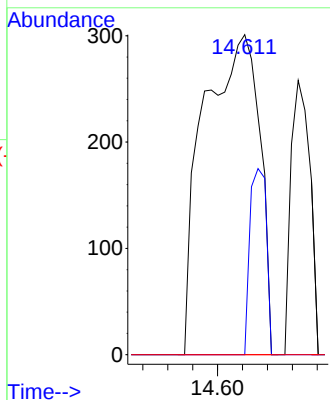
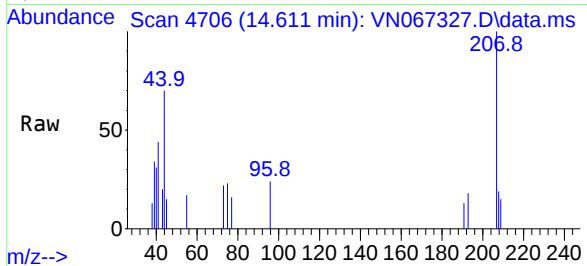




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.28 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

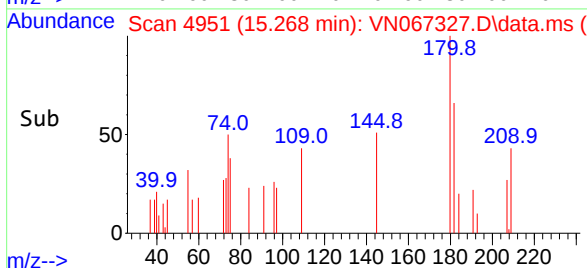
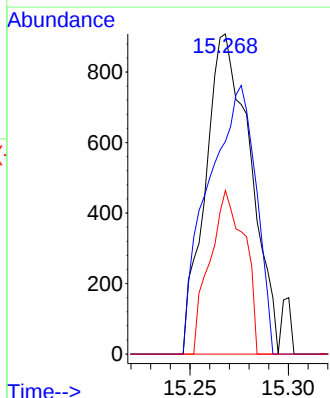
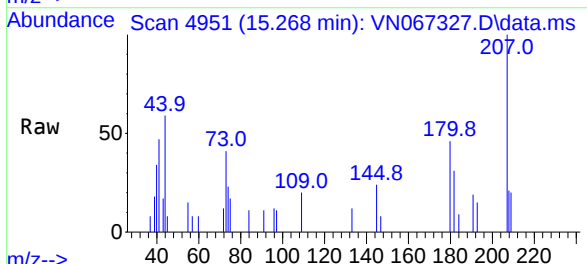
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

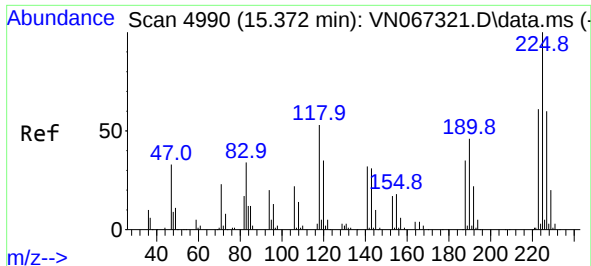
Tgt Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
155 17.1 29.8 89.5#
157 0.0 37.6 112.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.36 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 180 Resp: 1445
Ion Ratio Lower Upper
180 100
182 88.6 47.5 142.5
145 39.2 17.2 51.6

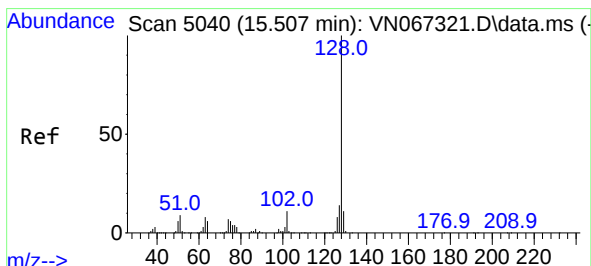
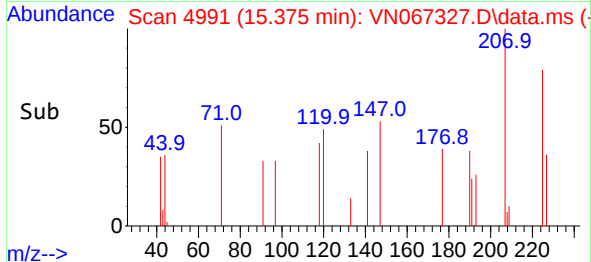
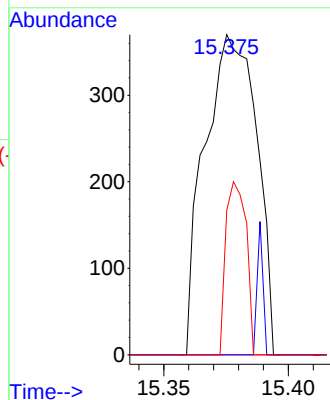
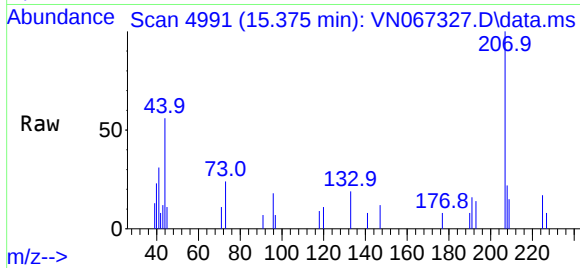




#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

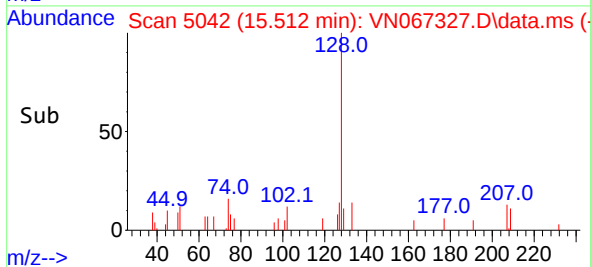
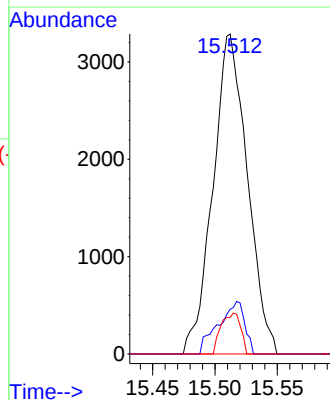
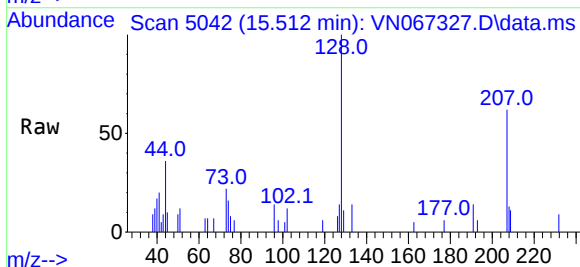
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

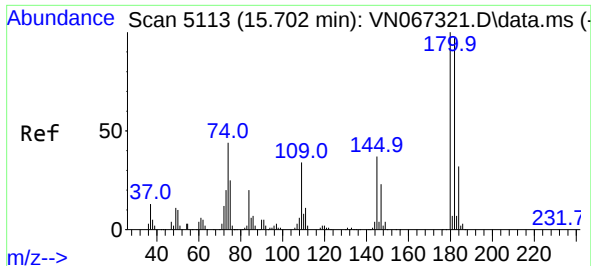
Tgt Ion:	225	Resp:	536
Ion	Ratio	Lower	Upper
225	100		
223	4.7	31.4	94.0#
227	21.1	31.2	93.6#



#95
Naphthalene
Concen: 0.51 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

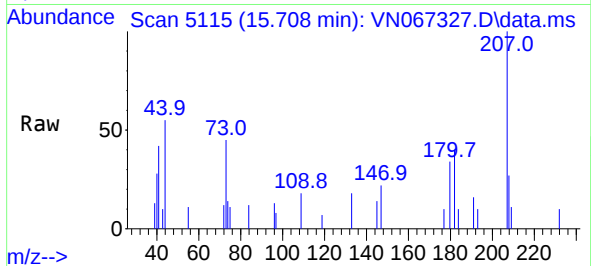
Tgt Ion:	128	Resp:	6303
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	7.3	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.34 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



Tgt Ion:	180	Resp:	1330
Ion	Ratio	Lower	Upper
180	100		
182	127.3	47.8	143.3
145	29.3	18.2	54.6

