

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065510.D
 Acq On : 14 Jan 2021 15:32
 Operator : JC/MD
 Sample : M1143-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 15 04:14:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	41500	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	217952	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	200100	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	79714	30.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.50%
60) 4-Bromofluorobenzene	12.376	95	84346	27.83	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.77%
63) Toluene-d8	10.061	98	259151	29.59	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.63%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.177	62	962	0.34	ug/l	95
8) Diethyl Ether	3.383	74	6921	4.53	ug/l	93
13) Acrolein	3.804	56	139	0.37	ug/l #	14
14) Acrylonitrile	4.778	53	22193	21.92	ug/l #	23
15) Acetone	3.804	58	11388	36.67	ug/l #	33
16) Carbon Disulfide	4.004	76	3589	0.65	ug/l #	73
17) Allyl chloride	4.232	41	22845	7.06	ug/l #	37
22) cis-1,2-Dichloroethene	6.788	96	1750	0.66	ug/l #	1
23) tert-Butyl Alcohol	4.782	59	2468699	7888.29	ug/l #	100
24) Methyl tert-Butyl Ether	5.007	73	14998	2.24	ug/l #	83
30) 2-Butanone	6.814	43	94836	75.92	ug/l #	76
31) 2,2-Dichloropropane	6.811	77	145159	45.37	ug/l #	52
34) Benzene	8.003	78	32857	3.45	ug/l #	49
35) Methacrylonitrile	7.180	41	395672	305.05	ug/l #	41
36) 1,2-Dichloroethane	8.090	62	1715	0.55	ug/l #	74
43) Ethyl Acetate	6.814	43	94836	35.53	ug/l #	1
44) Isopropyl Acetate	8.113	43	9330	2.09	ug/l #	55
45) 1,4-Dioxane	9.174	88	3229	101.86	ug/l	96
50) 1,1,2-Trichloroethane	10.431	97	1144	0.47	ug/l #	31
55) 2-Chloroethyl vinyl ether	10.122	63	2916	1.96	ug/l #	1
56) Bromoform	12.373	173	521	0.25	ug/l #	1
58) 4-Methyl-2-Pentanone	9.955	43	25558	9.62	ug/l #	89
59) 2-Hexanone	10.691	43	129064	67.17	ug/l #	32
62) Toluene	10.126	91	39325	3.76	ug/l	100
64) Chlorobenzene	11.405	112	5752	0.85	ug/l	90
66) Ethyl Benzene	11.486	91	11215	0.98	ug/l	98
67) m/p-Xylenes	11.592	106	39240	8.78	ug/l	98
68) o-Xylene	11.923	106	24688	5.72	ug/l	99
69) Styrene	11.932	104	3563	0.49	ug/l #	7
70) Isopropylbenzene	12.225	105	10238	0.91	ug/l	99
75) 2-Chlorotoluene	12.630	91	1685	0.22	ug/l	73
76) 1,3,5-Trimethylbenzene	12.707	105	7998	0.83	ug/l	97
77) t-1,4-Dichloro-2-butene	12.212	75	1199	1.12	ug/l #	37
78) 4-Chlorotoluene	12.630	91	1685	0.22	ug/l	75
79) tert-butylbenzene	13.264	119	30928	3.72	ug/l	63
80) 1,2,4-Trimethylbenzene	13.016	105	24577	2.55	ug/l	99
81) sec-Butylbenzene	13.125	105	9618	0.90	ug/l	62
82) p-Isopropyltoluene	13.264	119	30928	3.08	ug/l	98
83) 1,3-Dichlorobenzene	13.338	146	16052	3.00	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
Data File : VN065510.D
Acq On : 14 Jan 2021 15:32
Operator : JC/MD
Sample : M1143-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 15 04:14:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 14 04:12:08 2021
Response via : Initial Calibration

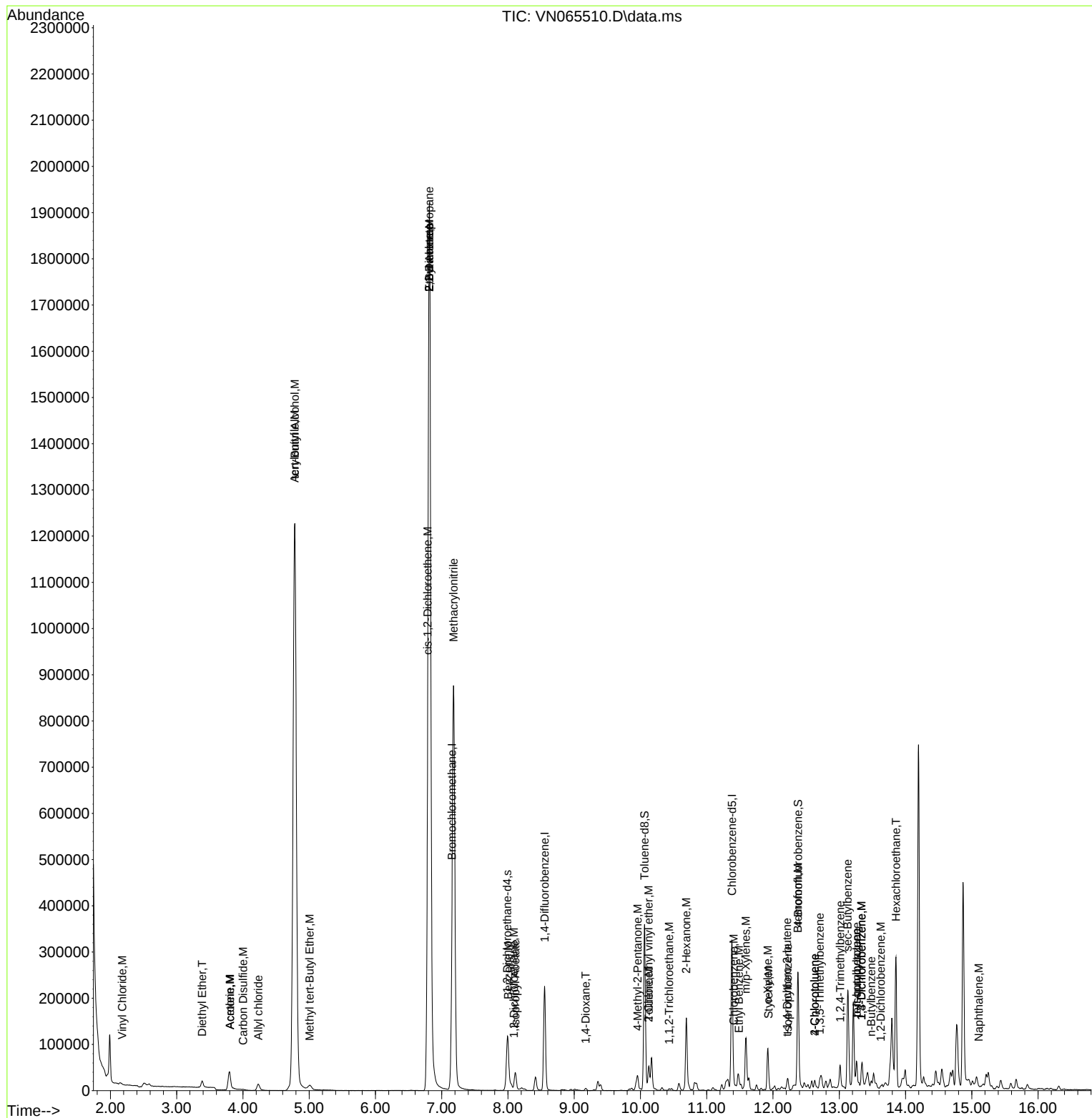
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,4-Dichlorobenzene	13.338	146	16052	3.07	ug/l	99
85) n-Butylbenzene	13.482	91	1730	0.22	ug/l	77
86) Hexachloroethane	13.858	117	712	0.43	ug/l #	1
87) 1,2-Dichlorobenzene	13.627	146	1066	0.20	ug/l	89
91) Naphthalene	15.106	128	2615	9.34	ug/l #	80

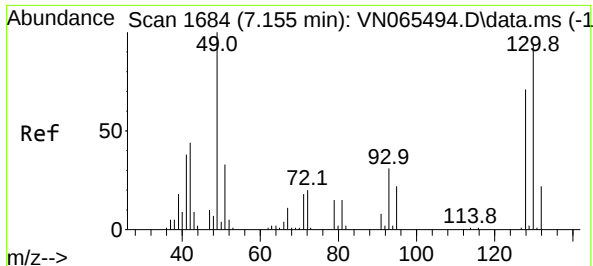
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
Data File : VN065510.D
Acq On : 14 Jan 2021 15:32
Operator : JC/MD
Sample : M1143-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 15 04:14:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 14 04:12:08 2021
Response via : Initial Calibration

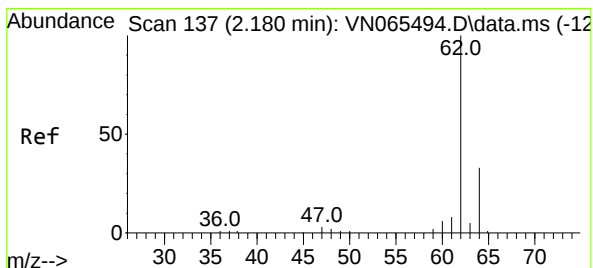
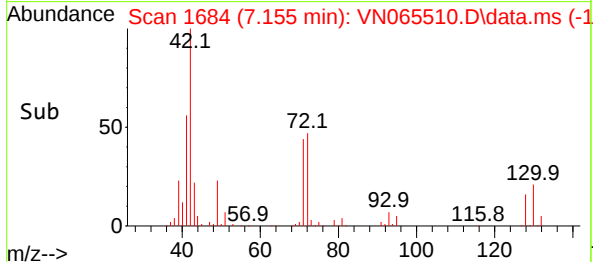
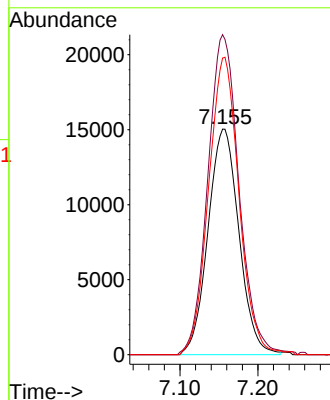
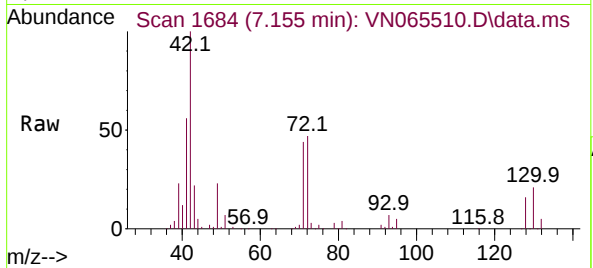




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

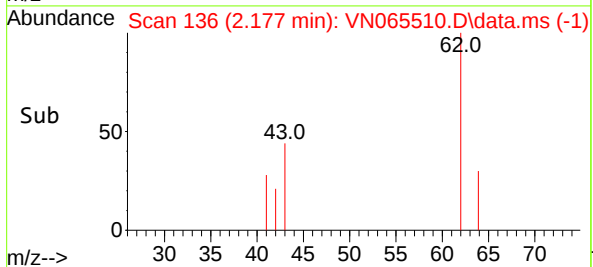
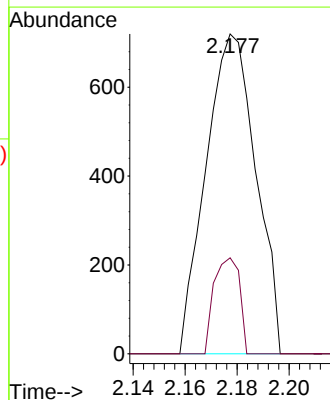
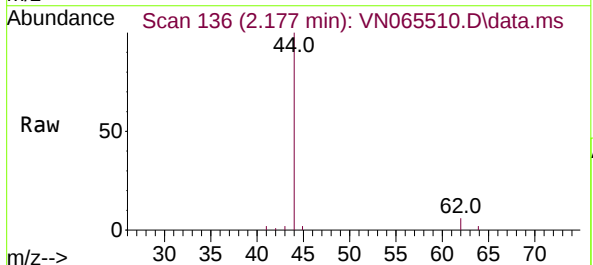
Instrument :
MSVOA_N
ClientSampleId :

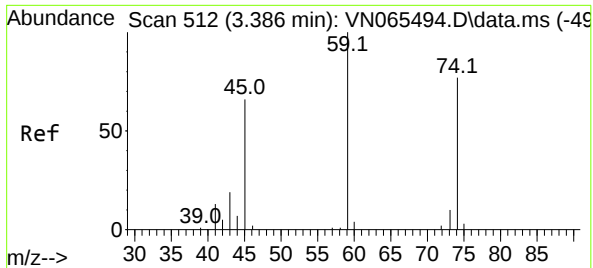
Tgt Ion:128 Resp: 41500
Ion Ratio Lower Upper
128 100
49 143.4 0.0 355.0
130 130.1 0.0 325.5



#4
Vinyl Chloride
Concen: 0.34 ug/l
RT: 2.177 min Scan# 136
Delta R.T. -0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 62 Resp: 962
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.4

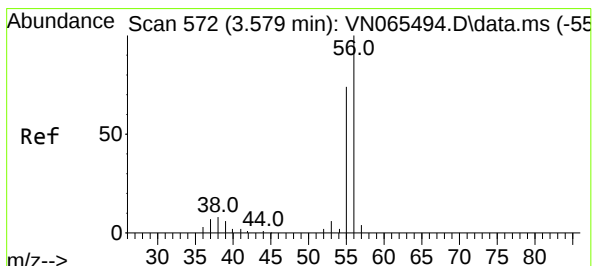
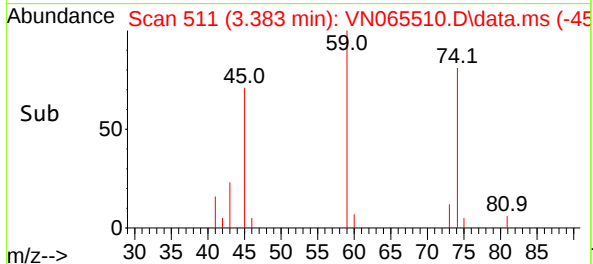
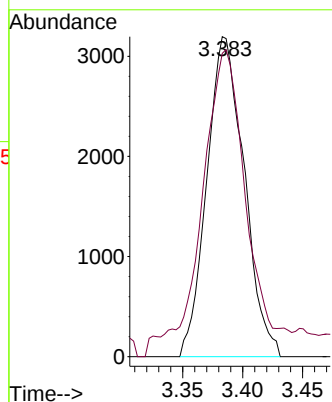
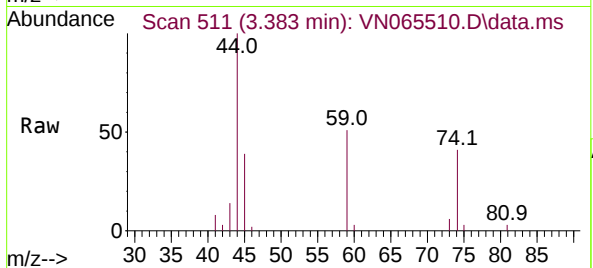




#8
Diethyl Ether
Concen: 4.53 ug/l
RT: 3.383 min Scan# 511
Delta R.T. -0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

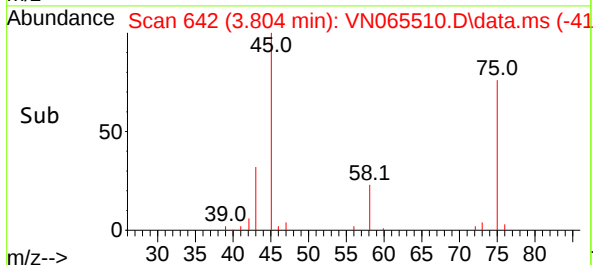
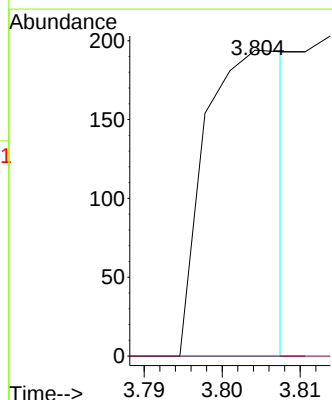
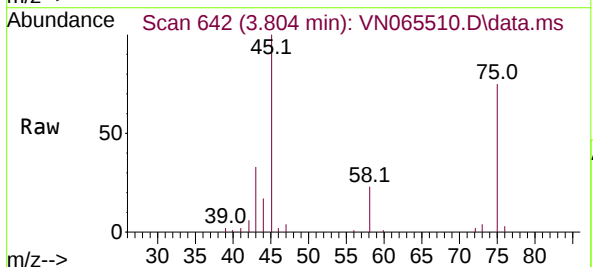
Instrument :
MSVOA_N
ClientSampleId :

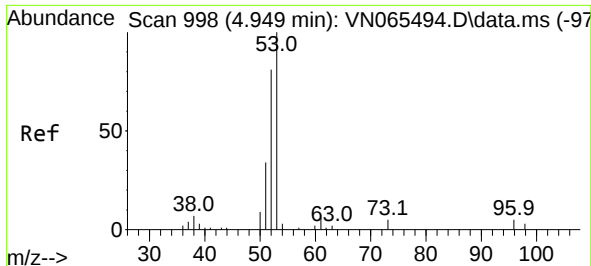
Tgt Ion: 74 Resp: 6921
Ion Ratio Lower Upper
74 100
45 99.9 18.5 166.9



#13
Acrolein
Concen: 0.37 ug/l
RT: 3.804 min Scan# 642
Delta R.T. 0.225 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#

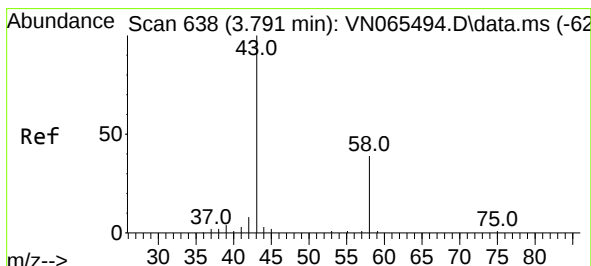
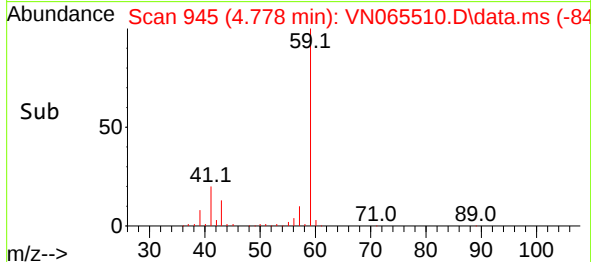
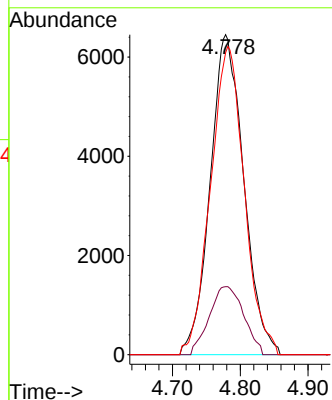
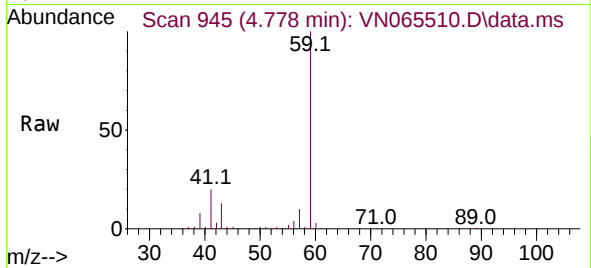




#14
Acrylonitrile
Concen: 21.92 ug/l
RT: 4.778 min Scan# 945
Delta R.T. -0.170 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

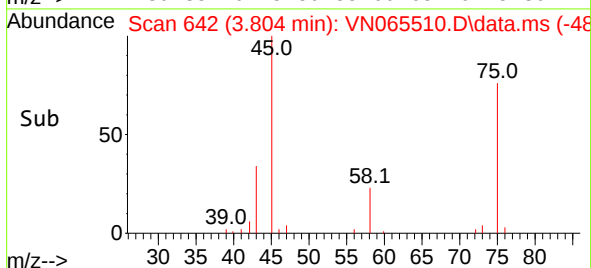
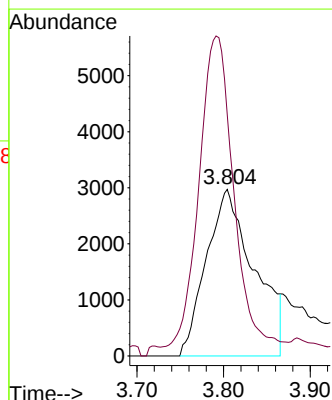
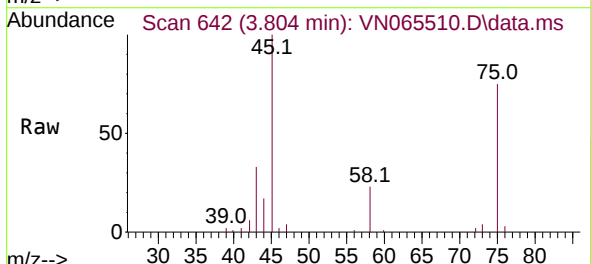
Instrument :
MSVOA_N
ClientSampleId :

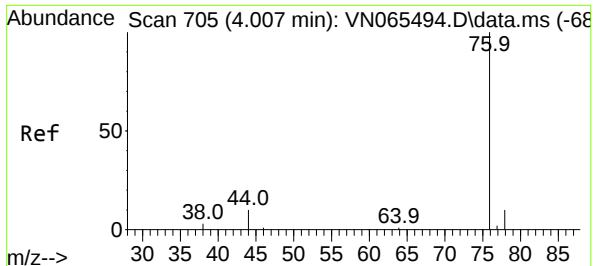
Tgt Ion: 53 Resp: 22193
Ion Ratio Lower Upper
53 100
52 21.8 40.7 122.1#
51 96.2 18.3 54.8#



#15
Acetone
Concen: 36.67 ug/l
RT: 3.804 min Scan# 642
Delta R.T. 0.013 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 58 Resp: 11388
Ion Ratio Lower Upper
58 100
43 136.4 203.4 305.0#

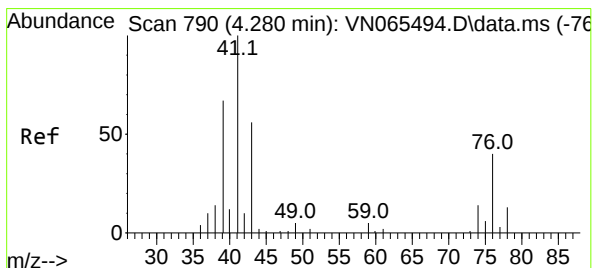
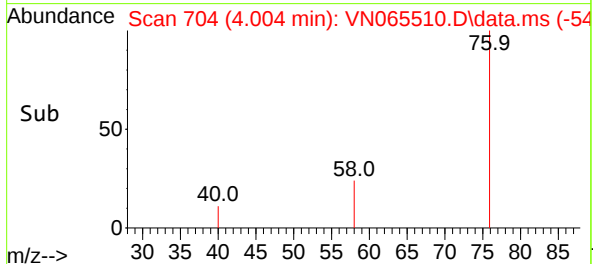
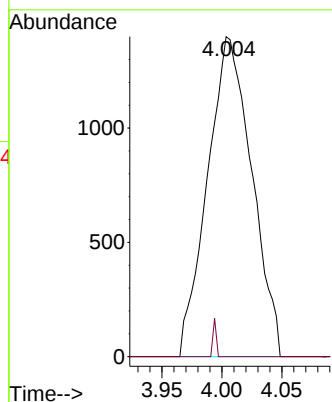
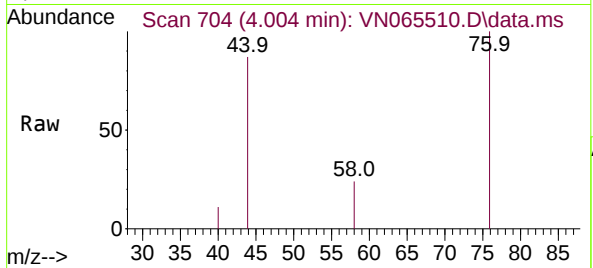




#16
Carbon Disulfide
Concen: 0.65 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

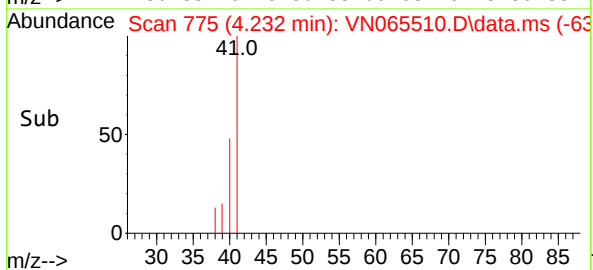
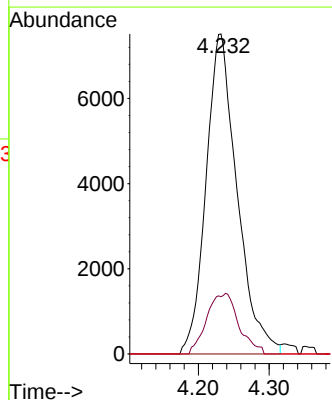
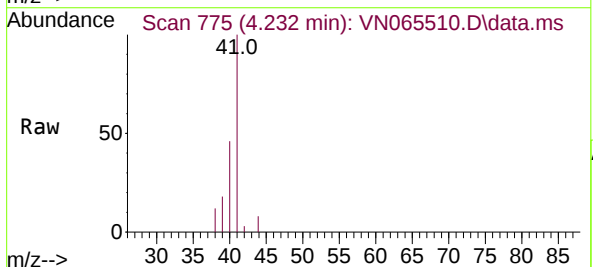
Instrument :
MSVOA_N
ClientSampleId :

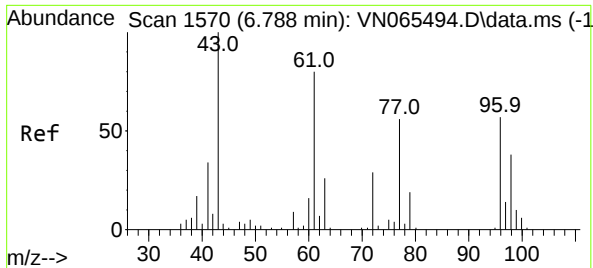
Tgt Ion: 76 Resp: 3589
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#17
Allyl chloride
Concen: 7.06 ug/l
RT: 4.232 min Scan# 775
Delta R.T. -0.048 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 41 Resp: 22845
Ion Ratio Lower Upper
41 100
39 17.9 33.5 100.5#
76 0.0 20.3 60.8#

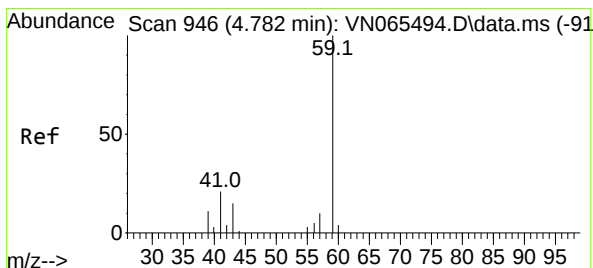
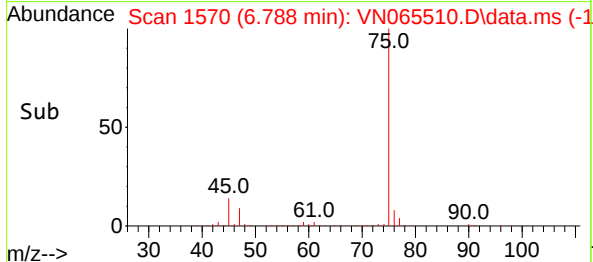
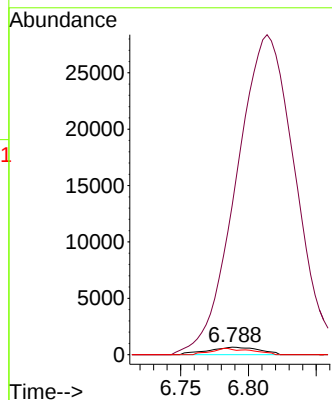
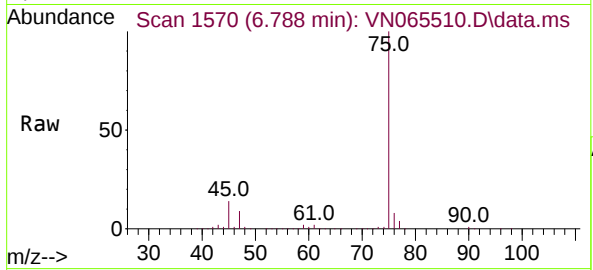




#22
 cis-1,2-Dichloroethene
 Concen: 0.66 ug/l
 RT: 6.788 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: VN065510.D
 Acq: 14 Jan 2021 15:32

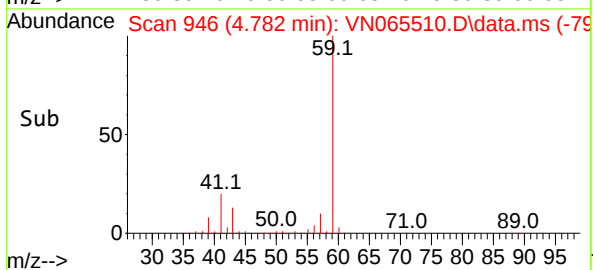
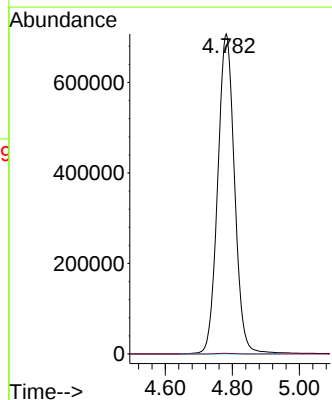
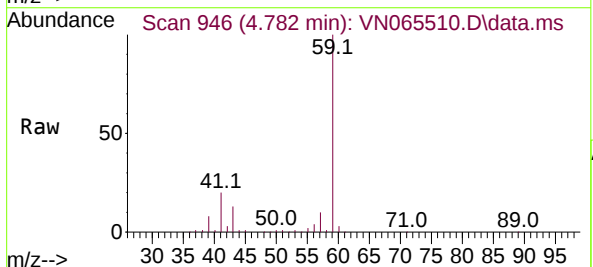
Instrument :
 MSVOA_N
 ClientSampleId :

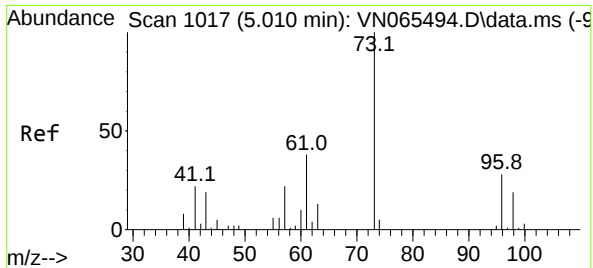
Tgt Ion: 96 Resp: 1750
 Ion Ratio Lower Upper
 96 100
 61 4965.2 112.5 168.7#
 98 38.7 52.2 78.2#



#23
 tert-Butyl Alcohol
 Concen: 7888.29 ug/l
 RT: 4.782 min Scan# 946
 Delta R.T. 0.000 min
 Lab File: VN065510.D
 Acq: 14 Jan 2021 15:32

Tgt Ion: 59 Resp: 2468699
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

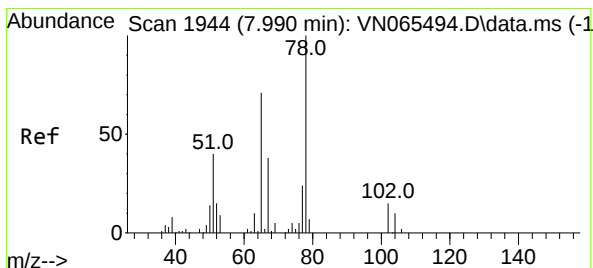
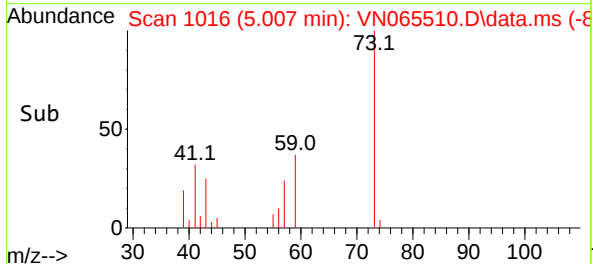
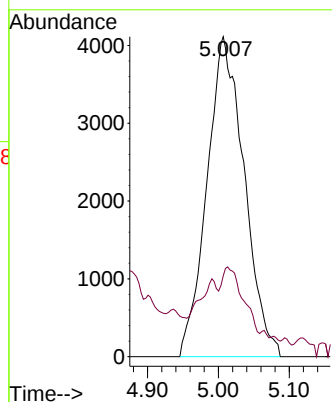
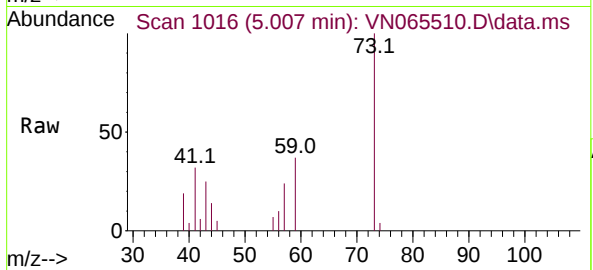




#24
Methyl tert-Butyl Ether
Concen: 2.24 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

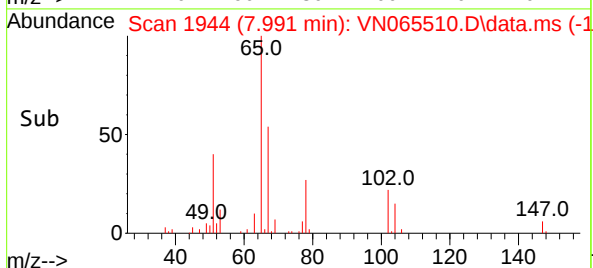
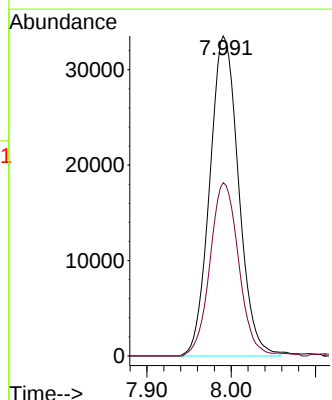
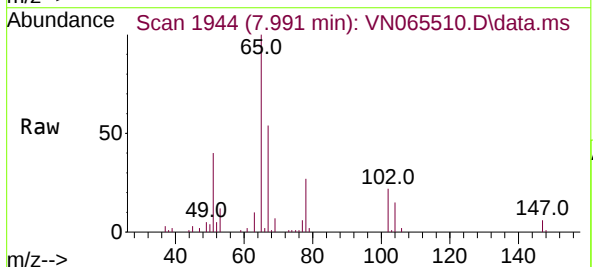
Instrument :
MSVOA_N
ClientSampleId :

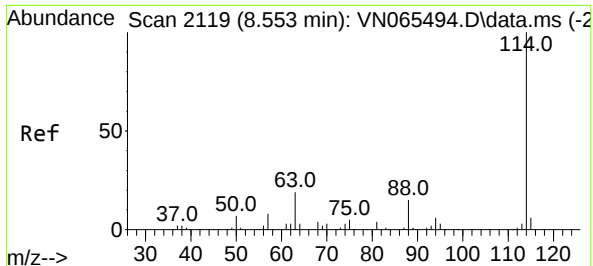
Tgt Ion: 73 Resp: 14998
Ion Ratio Lower Upper
73 100
43 11.5 15.4 23.2#



#27
1,2-Dichloroethane-d4
Concen: 30.75 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 65 Resp: 79714
Ion Ratio Lower Upper
65 100
67 53.7 42.8 64.2





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VN065510.D

Acq: 14 Jan 2021 15:32

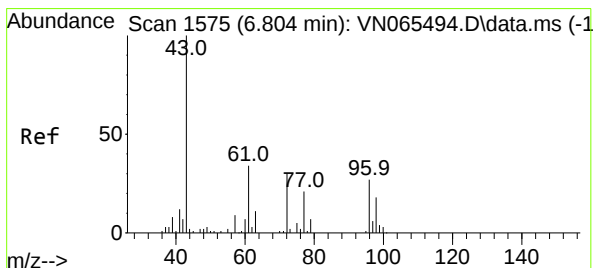
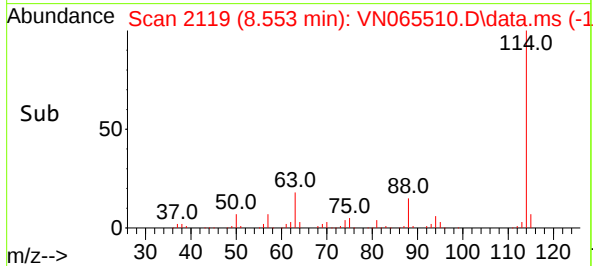
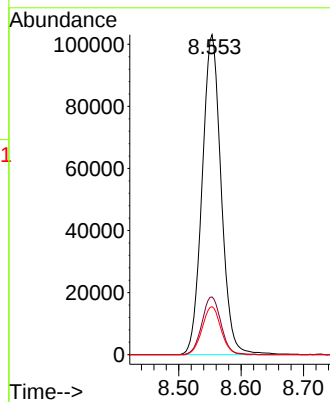
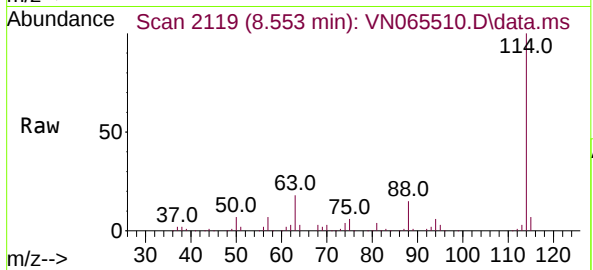
Tgt Ion: 114 Resp: 217952

Ion Ratio Lower Upper

114 100

63 18.2 14.7 22.1

88 14.9 11.7 17.5



#30

2-Butanone

Concen: 75.92 ug/l

RT: 6.814 min Scan# 1578

Delta R.T. 0.010 min

Lab File: VN065510.D

Acq: 14 Jan 2021 15:32

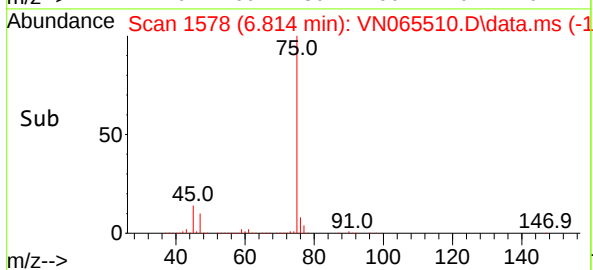
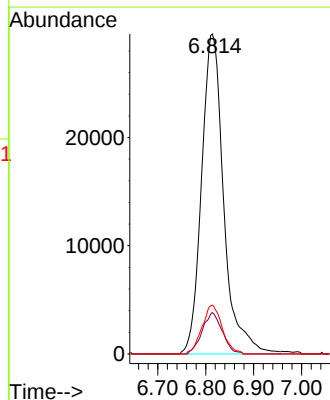
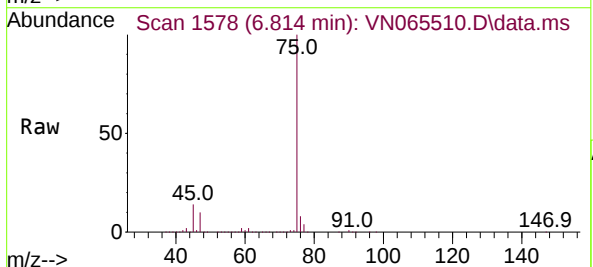
Tgt Ion: 43 Resp: 94836

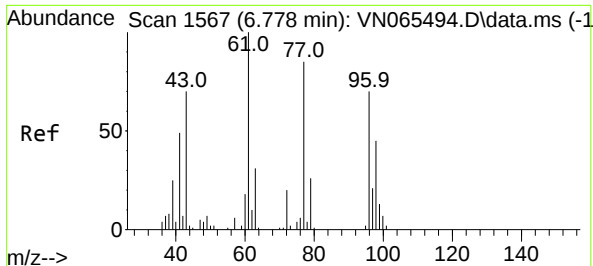
Ion Ratio Lower Upper

43 100

57 11.7 7.0 10.4#

72 13.9 23.6 35.4#

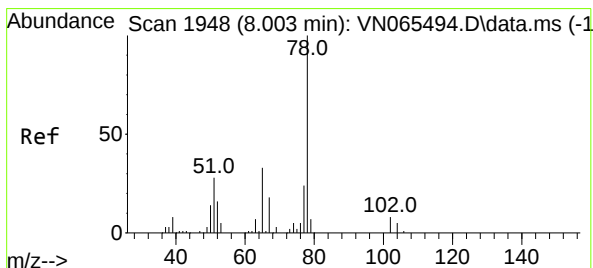
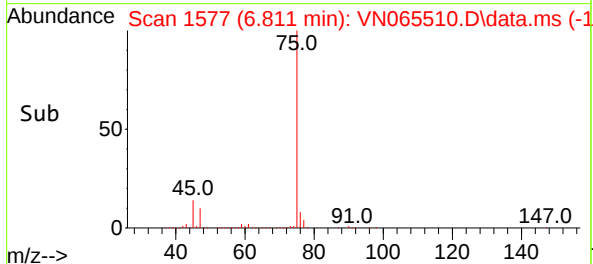
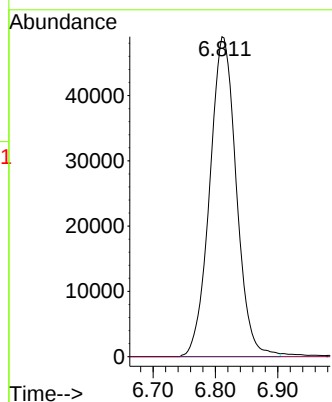
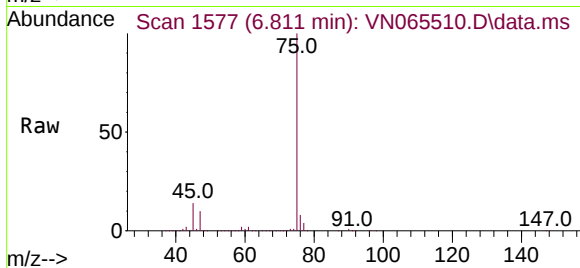




#31
2,2-Dichloropropane
Concen: 45.37 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.032 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

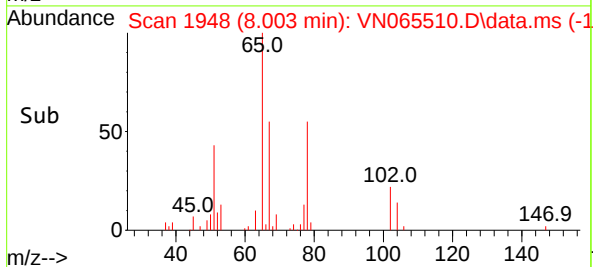
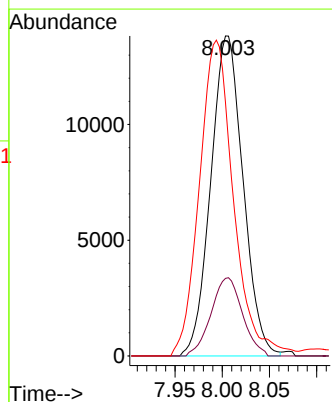
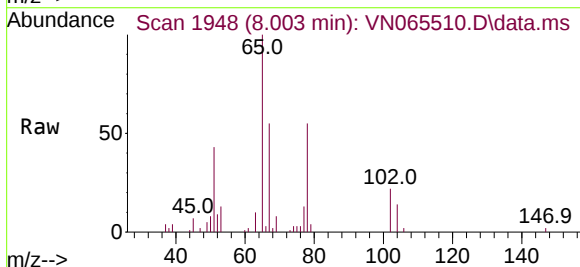
Instrument :
MSVOA_N
ClientSampled :

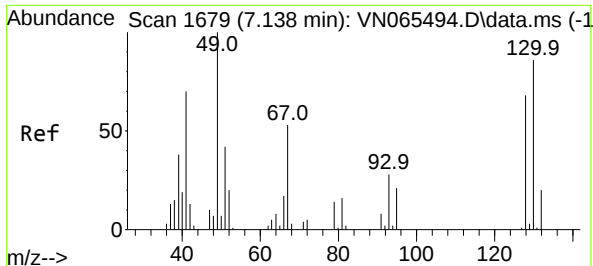
Tgt Ion: 77 Resp: 145159
Ion Ratio Lower Upper
77 100
97 0.0 19.0 28.4#



#34
Benzene
Concen: 3.45 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 78 Resp: 32857
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6
51 76.5 22.1 33.1#

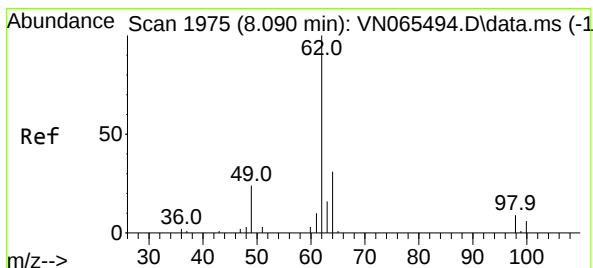
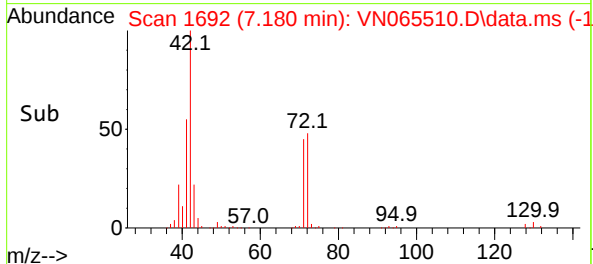
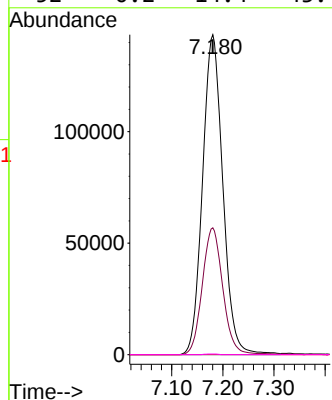
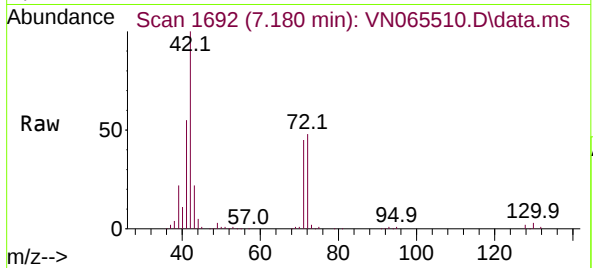




#35
Methacrylonitrile
Concen: 305.05 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.042 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

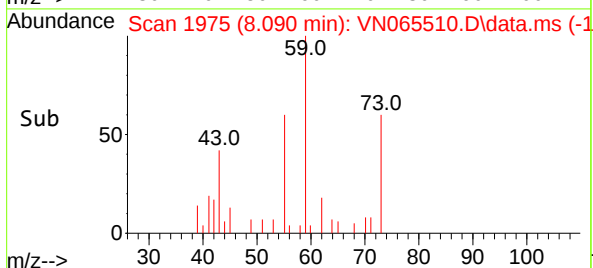
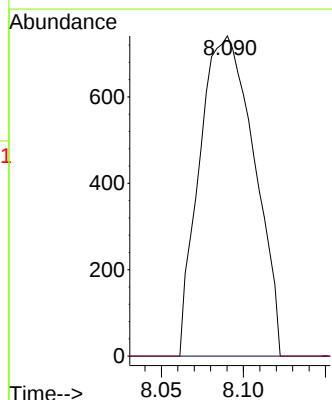
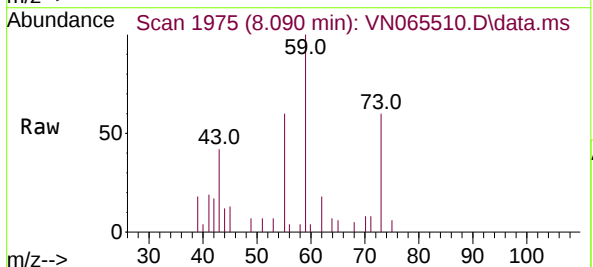
Instrument :
MSVOA_N
ClientSampleId :

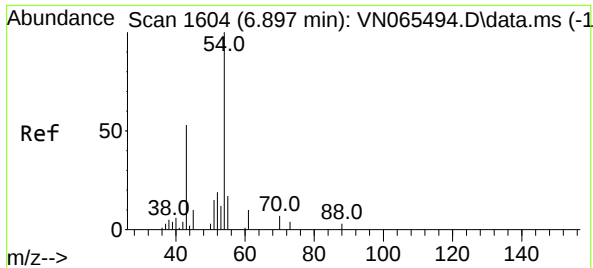
Tgt Ion: 41 Resp: 395672
Ion Ratio Lower Upper
41 100
39 39.6 26.8 80.3
67 0.0 38.0 113.9#
52 0.2 14.4 43.4#



#36
1,2-Dichloroethane
Concen: 0.55 ug/l
RT: 8.090 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 62 Resp: 1715
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

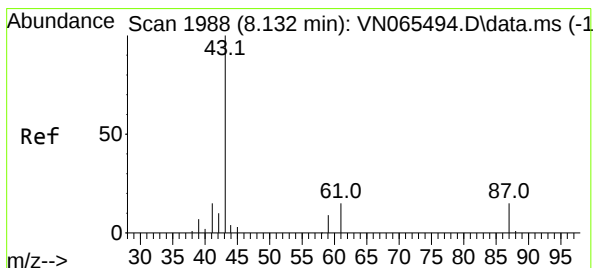
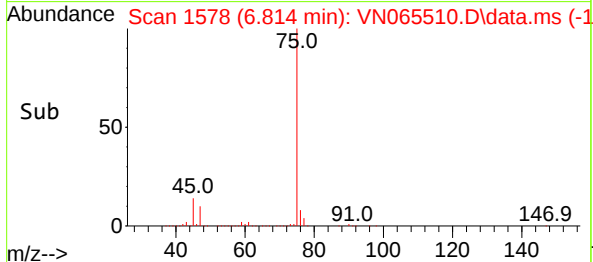
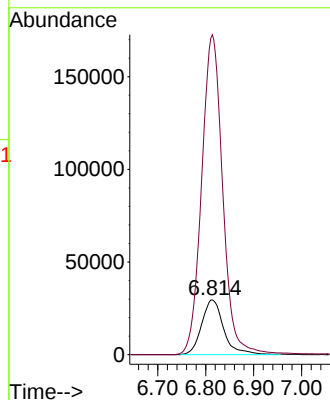
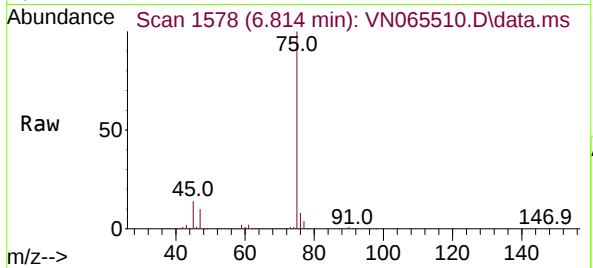




#43
Ethyl Acetate
Concen: 35.53 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. -0.084 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

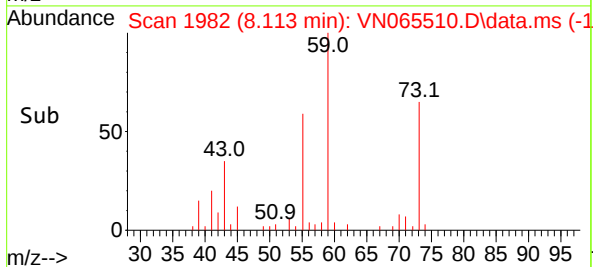
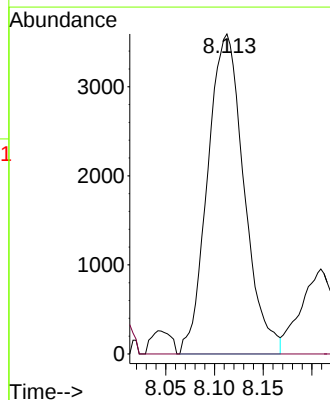
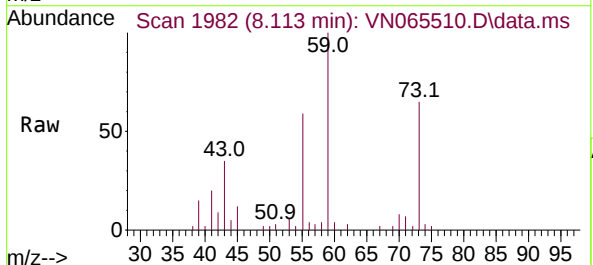
Instrument :
MSVOA_N
ClientSampleId :

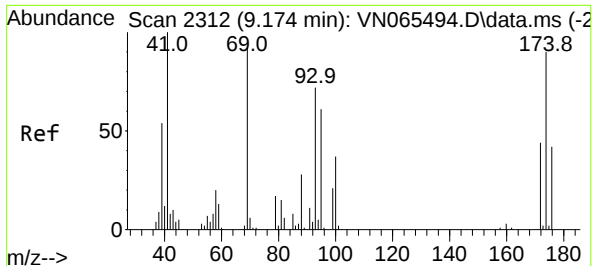
Tgt Ion: 43 Resp: 94836
Ion Ratio Lower Upper
43 100
45 555.9 12.9 19.3#



#44
Isopropyl Acetate
Concen: 2.09 ug/l
RT: 8.113 min Scan# 1982
Delta R.T. -0.019 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 43 Resp: 9330
Ion Ratio Lower Upper
43 100
61 0.0 16.8 25.2#

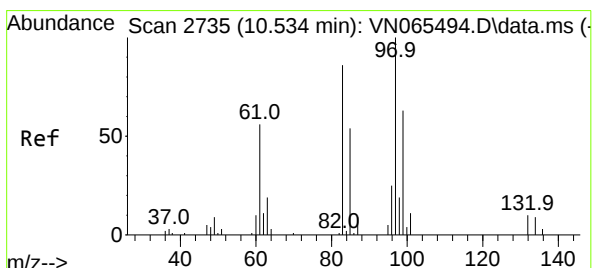
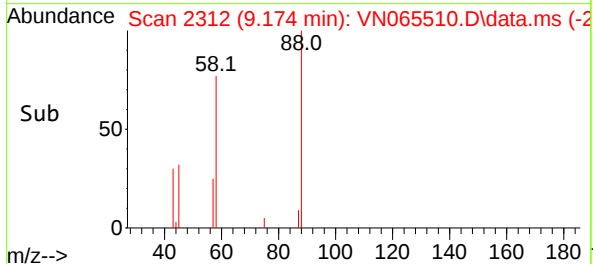
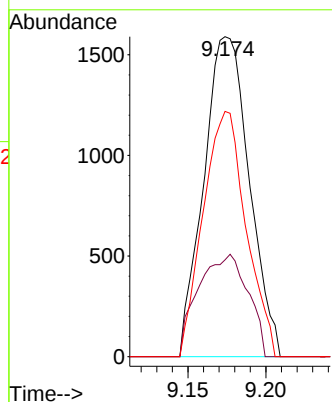
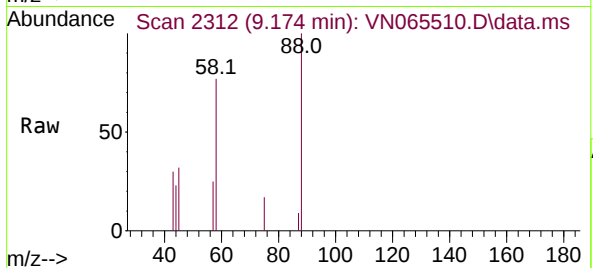




#45
1,4-Dioxane
Concen: 101.86 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

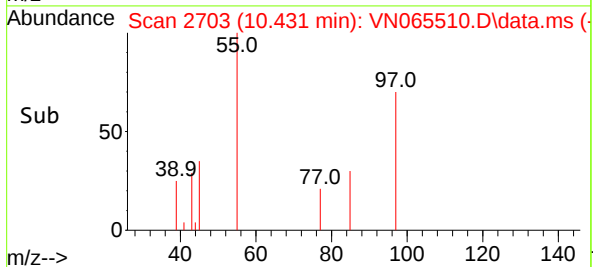
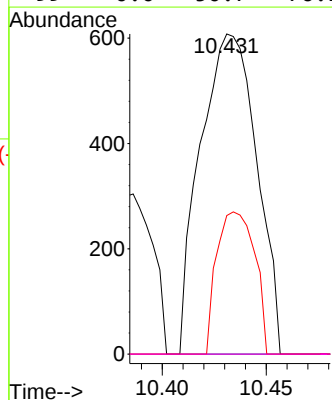
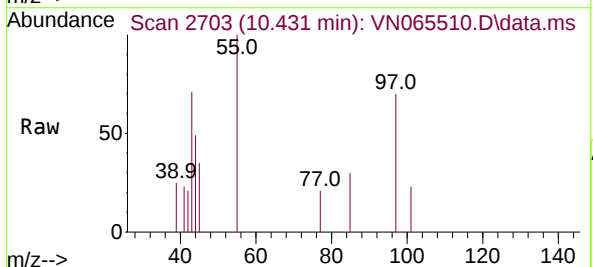
Instrument :
MSVOA_N
ClientSampleId :

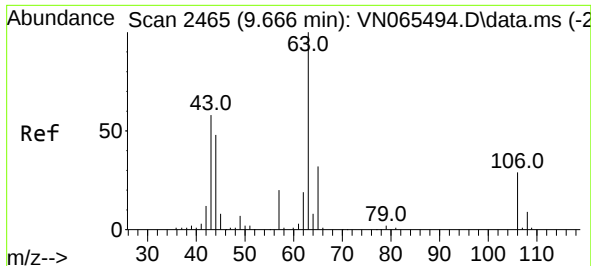
Tgt Ion: 88 Resp: 3229
Ion Ratio Lower Upper
88 100
43 34.7 28.3 42.5
58 72.2 53.8 80.6



#50
1,1,2-Trichloroethane
Concen: 0.47 ug/l
RT: 10.431 min Scan# 2703
Delta R.T. -0.103 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 97 Resp: 1144
Ion Ratio Lower Upper
97 100
83 0.0 68.4 102.6#
85 43.3 42.8 64.2
99 0.0 50.7 76.1#

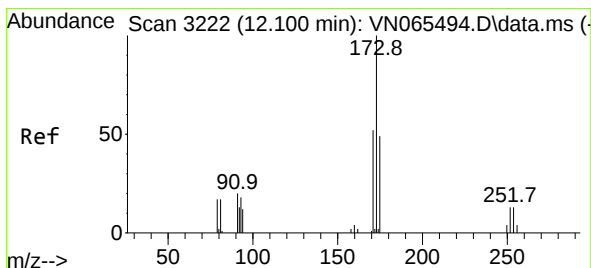
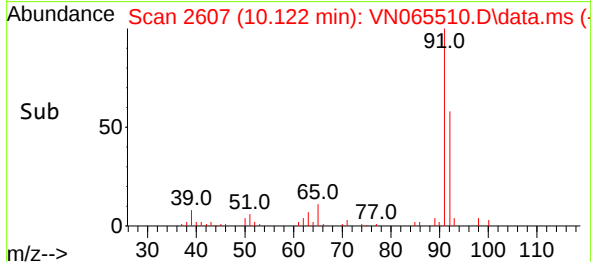
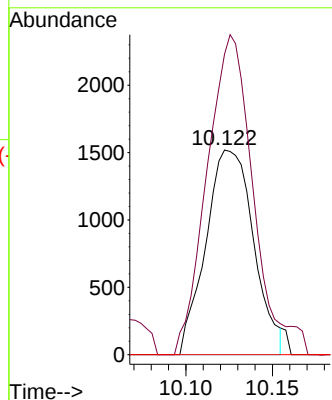
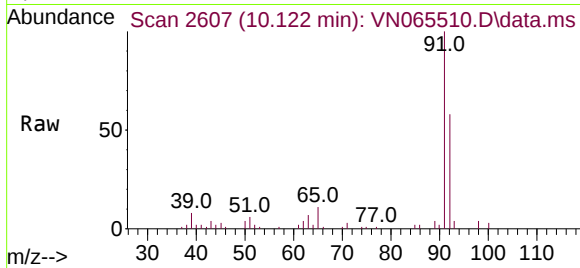




#55
2-Chloroethyl vinyl ether
Concen: 1.96 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.457 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

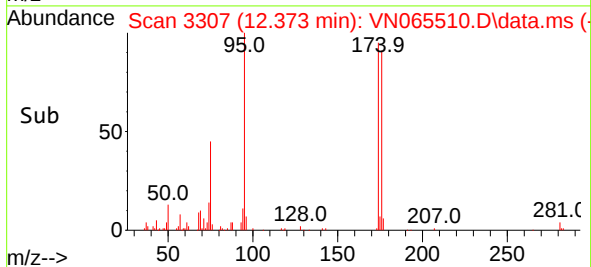
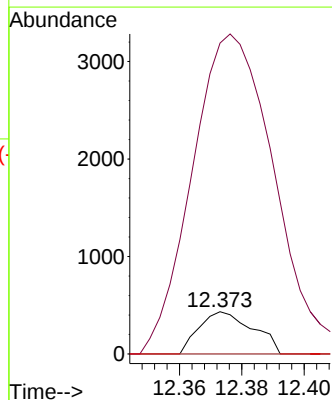
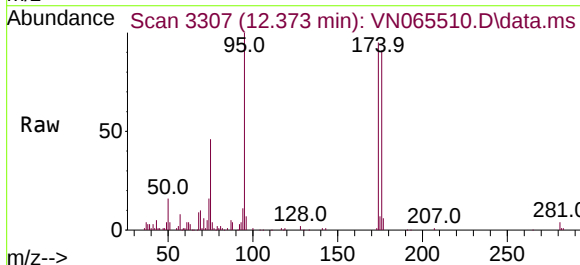
Instrument :
MSVOA_N
ClientSampled :

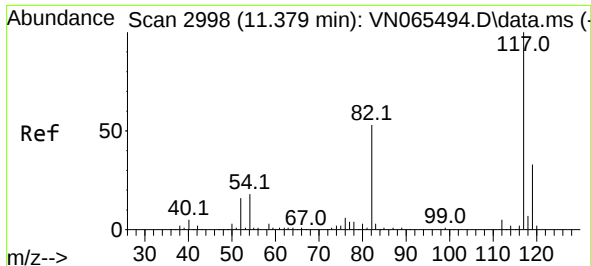
Tgt Ion: 63 Resp: 2916
Ion Ratio Lower Upper
63 100
65 145.9 25.7 38.5#
106 0.0 23.1 34.7#



#56
Bromoform
Concen: 0.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:173 Resp: 521
Ion Ratio Lower Upper
173 100
175 1149.1 38.2 57.4#
254 0.0 9.8 14.8#

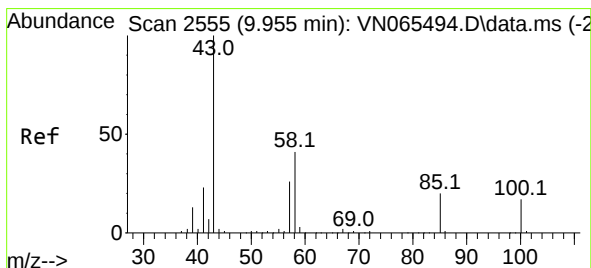
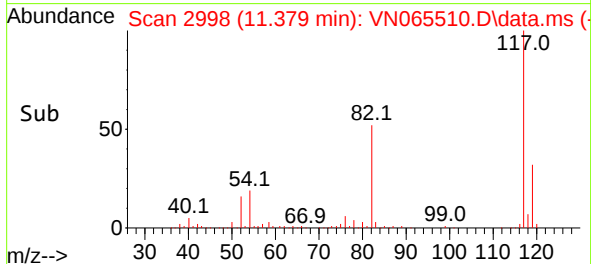
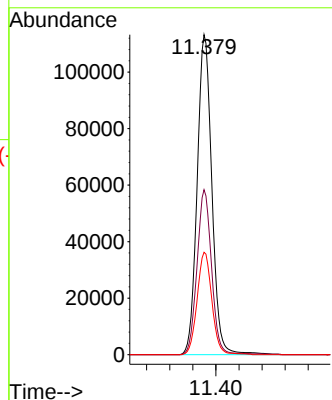
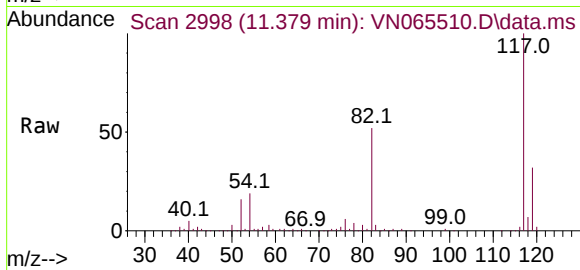




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

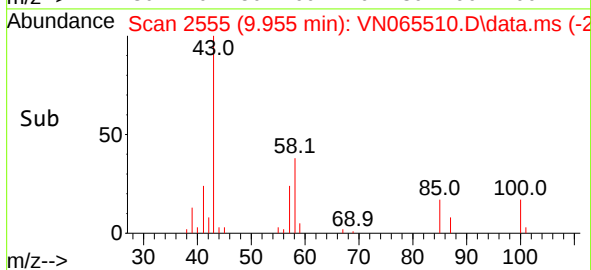
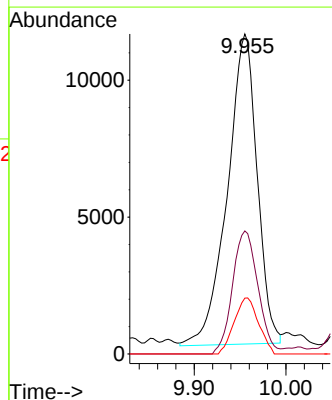
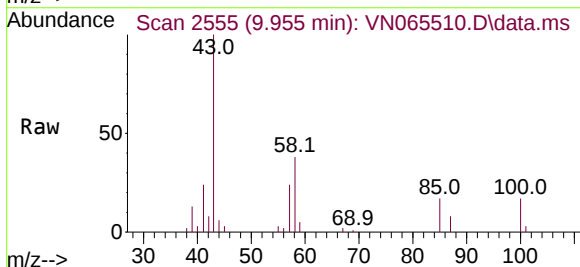
Instrument :
MSVOA_N
ClientSampled :

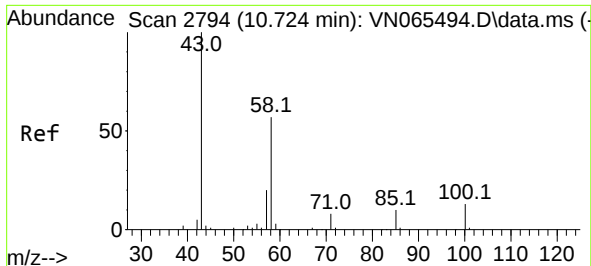
Tgt Ion:117 Resp: 200100
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 9.62 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 43 Resp: 25558
Ion Ratio Lower Upper
43 100
58 33.9 32.7 49.1
85 14.7 16.0 24.0#

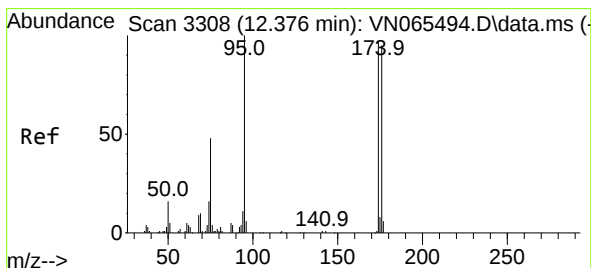
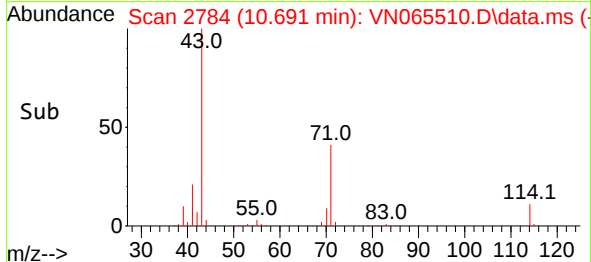
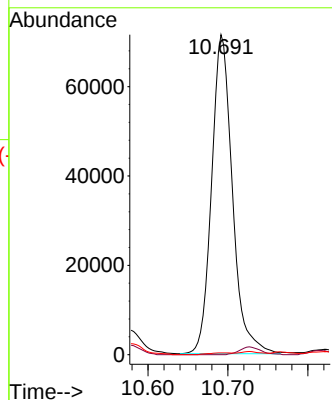
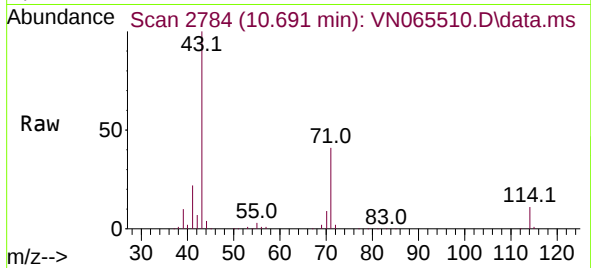




#59
2-Hexanone
Concen: 67.17 ug/l
RT: 10.691 min Scan# 2784
Delta R.T. -0.032 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

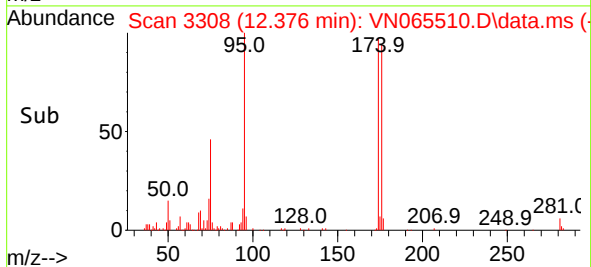
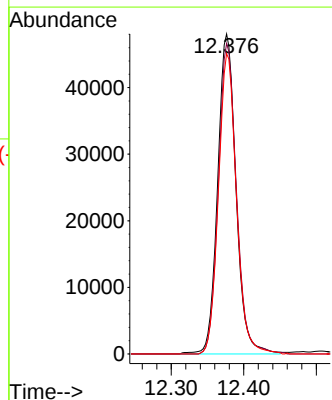
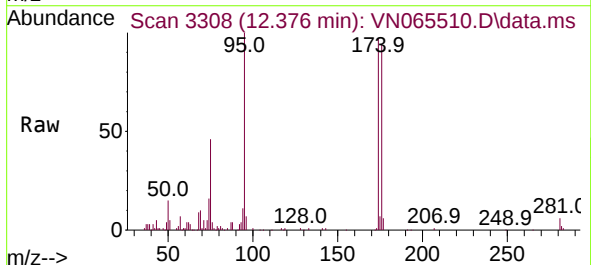
Instrument :
MSVOA_N
ClientSampled :

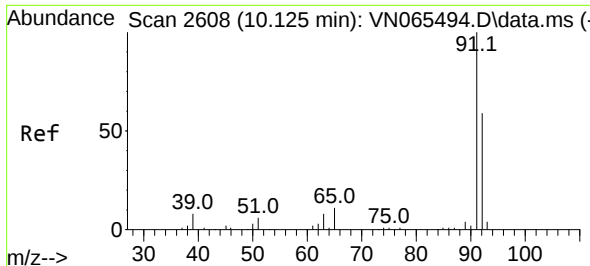
Tgt Ion: 43 Resp: 129064
Ion Ratio Lower Upper
43 100
58 0.0 45.4 68.0#
57 0.7 15.8 23.8#



#60
4-Bromofluorobenzene
Concen: 27.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 95 Resp: 84346
Ion Ratio Lower Upper
95 100
174 96.1 77.0 115.6
176 92.4 75.8 113.6

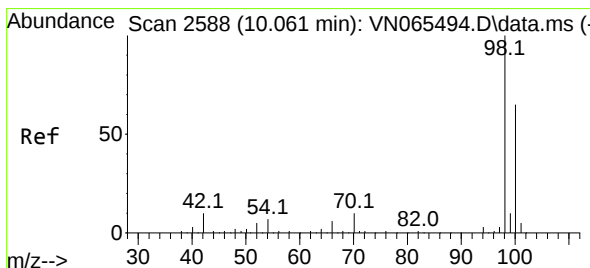
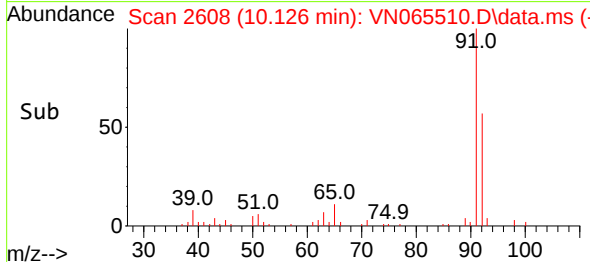
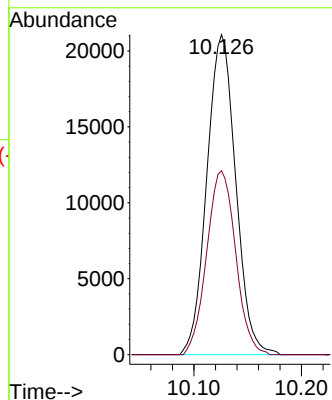
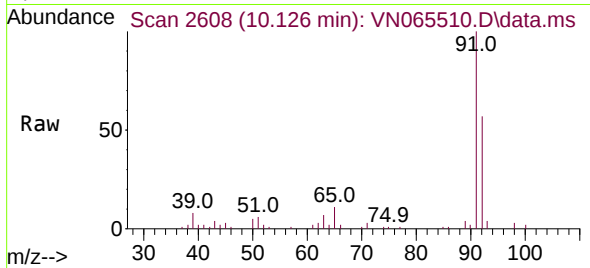




#62
Toluene
Concen: 3.76 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

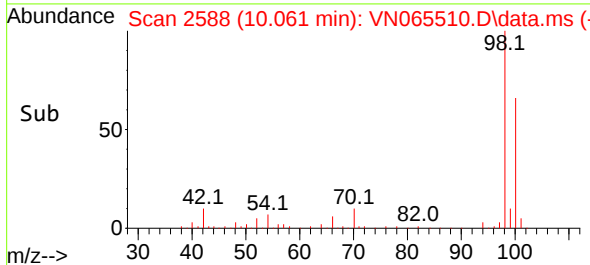
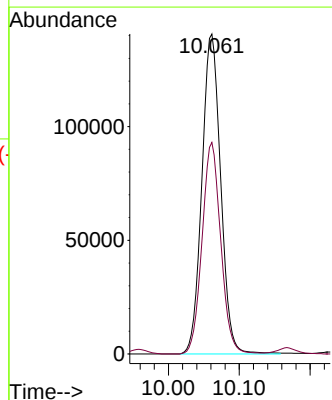
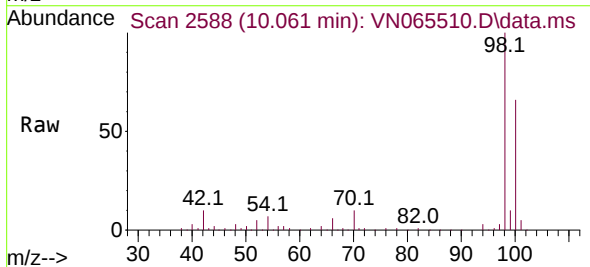
Instrument :
MSVOA_N
ClientSampled :

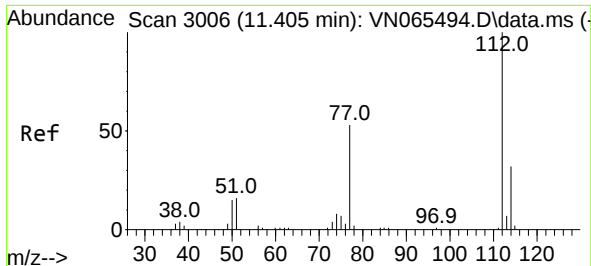
Tgt Ion: 91 Resp: 39325
Ion Ratio Lower Upper
91 100
92 57.6 46.2 69.4



#63
Toluene-d8
Concen: 29.59 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 98 Resp: 259151
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

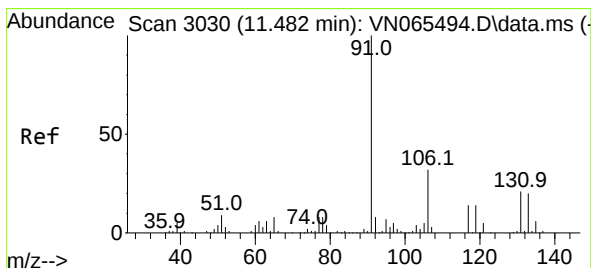
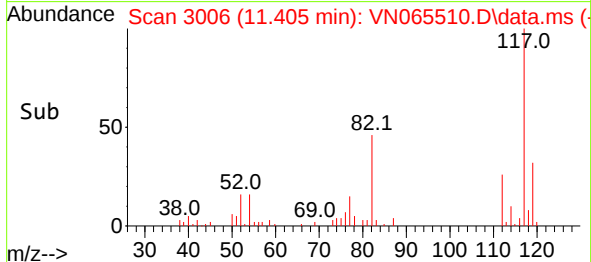
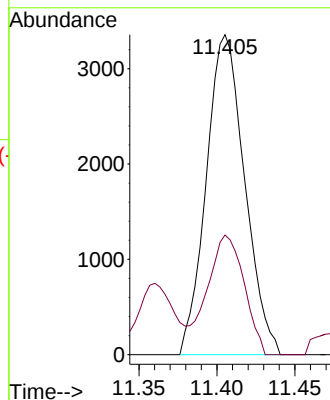
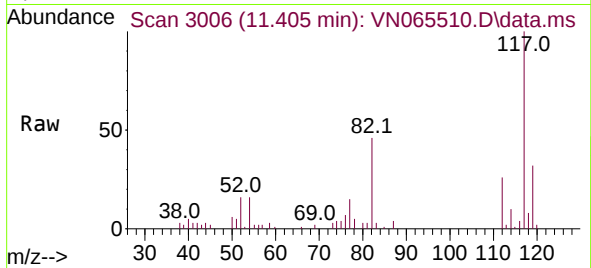




#64
Chlorobenzene
Concen: 0.85 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

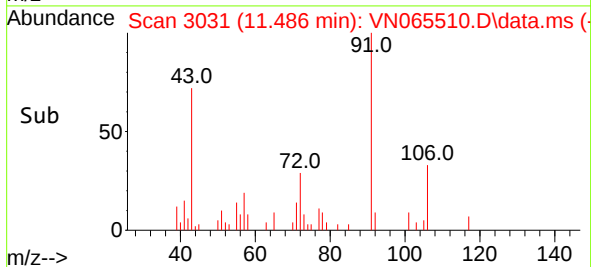
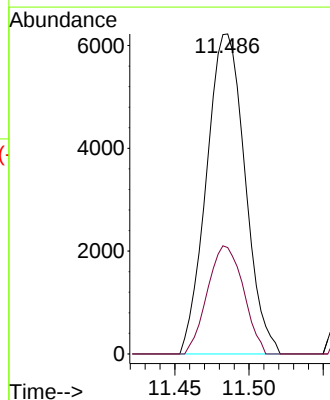
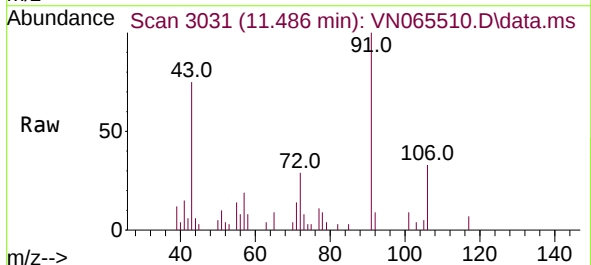
Instrument :
MSVOA_N
ClientSampled :

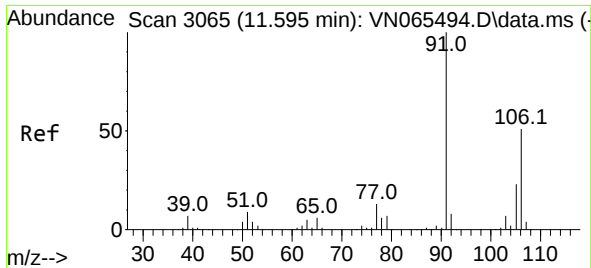
Tgt Ion:112 Resp: 5752
Ion Ratio Lower Upper
112 100
114 37.4 25.5 38.3



#66
Ethyl Benzene
Concen: 0.98 ug/l
RT: 11.486 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 91 Resp: 11215
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3

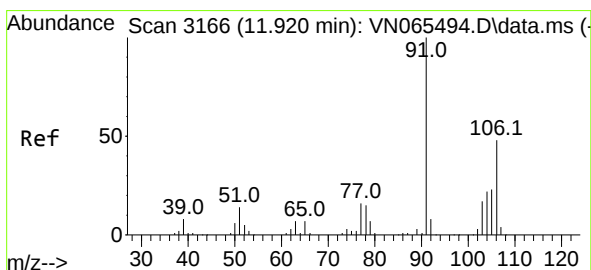
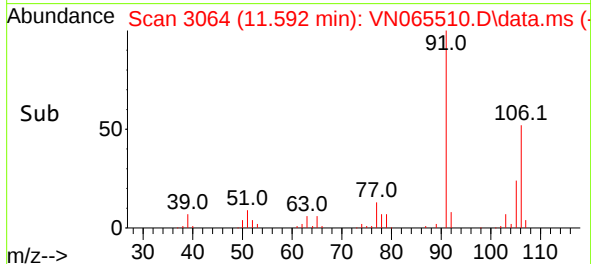
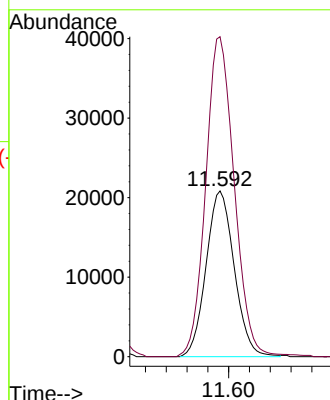
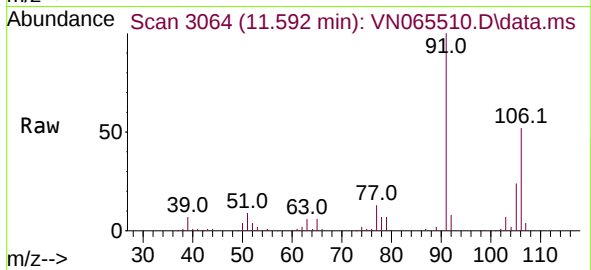




#67
m/p-Xylenes
Concen: 8.78 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

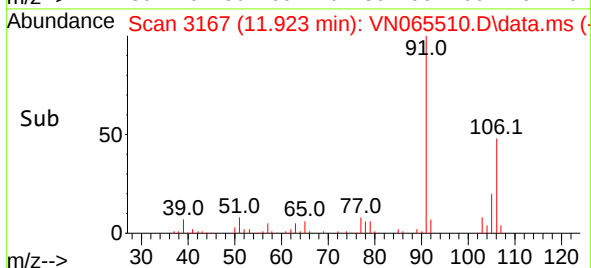
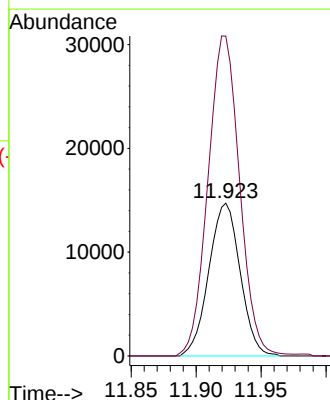
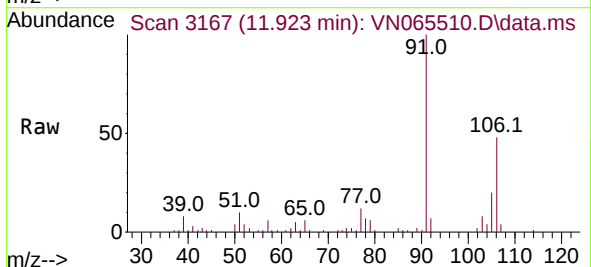
Instrument :
MSVOA_N
ClientSampleId :

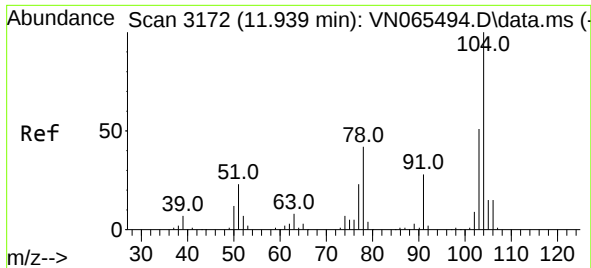
Tgt Ion:106 Resp: 39240
Ion Ratio Lower Upper
106 100
91 196.0 159.0 238.6



#68
o-Xylene
Concen: 5.72 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:106 Resp: 24688
Ion Ratio Lower Upper
106 100
91 211.4 104.7 313.9

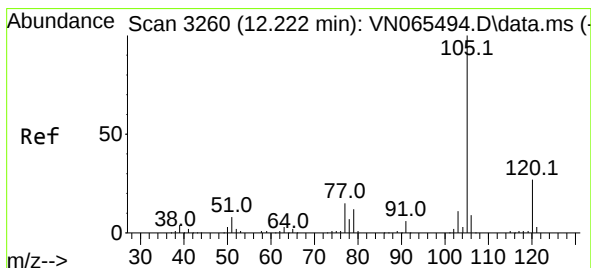
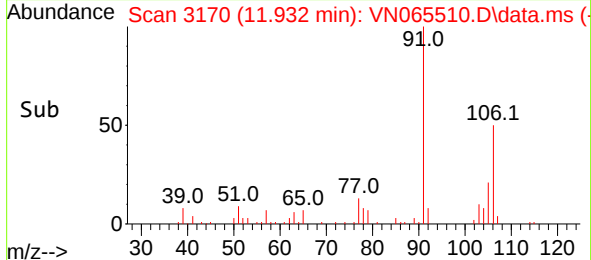
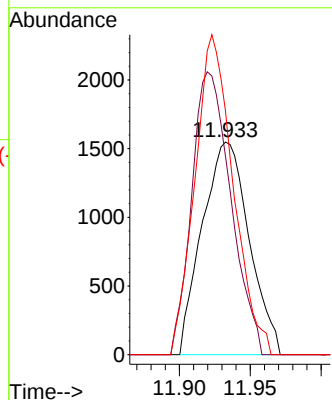
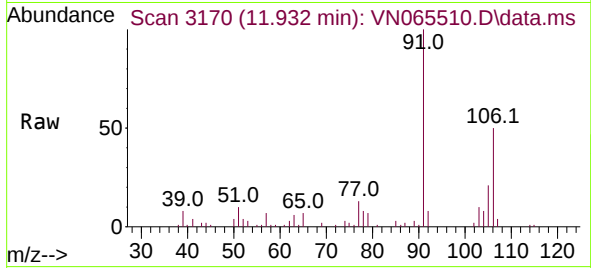




#69
Styrene
Concen: 0.49 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. -0.006 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

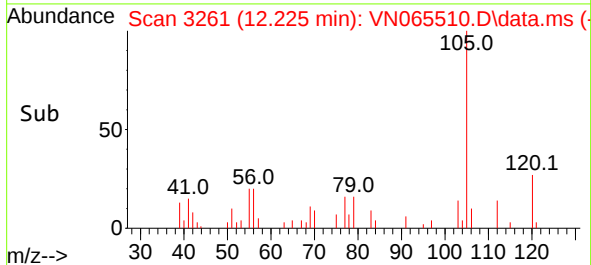
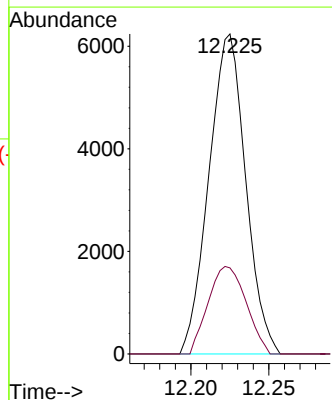
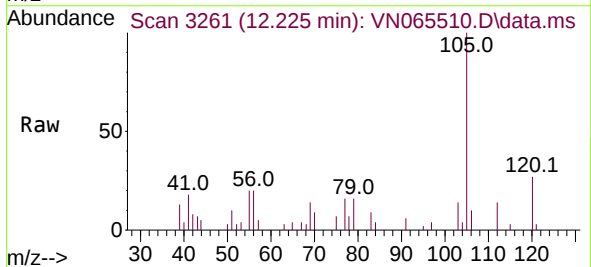
Instrument :
MSVOA_N
ClientSampled :

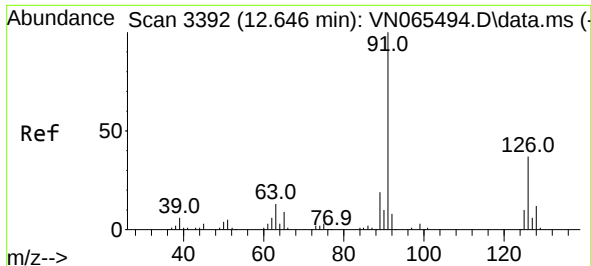
Tgt Ion:104 Resp: 3563
Ion Ratio Lower Upper
104 100
78 111.0 38.0 57.0#
103 122.5 44.3 66.5#



#70
Isopropylbenzene
Concen: 0.91 ug/l
RT: 12.225 min Scan# 3261
Delta R.T. 0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:105 Resp: 10238
Ion Ratio Lower Upper
105 100
120 28.2 19.3 35.9

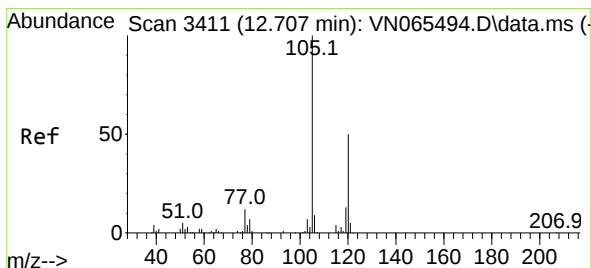
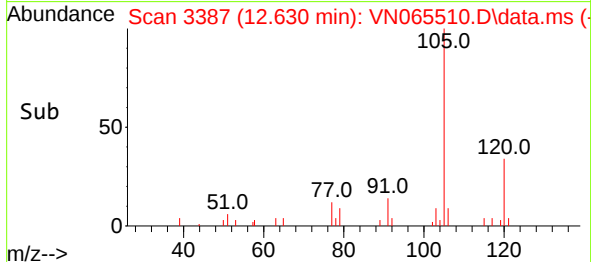
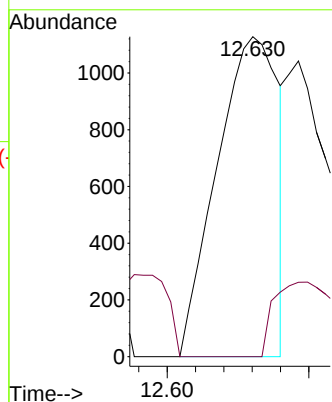
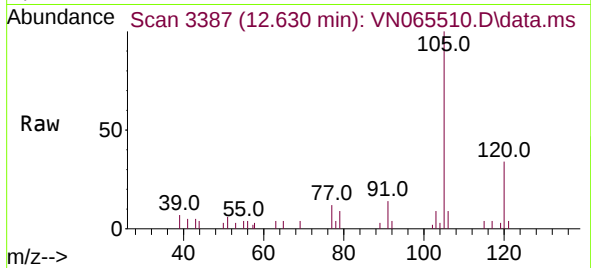




#75
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.630 min Scan# 3387
Delta R.T. -0.016 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

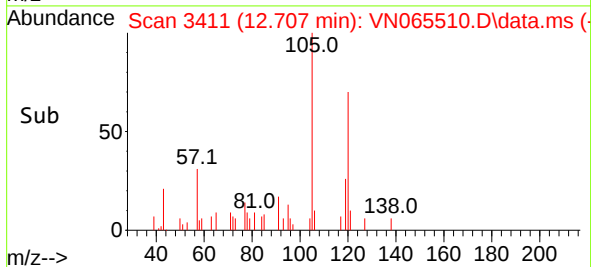
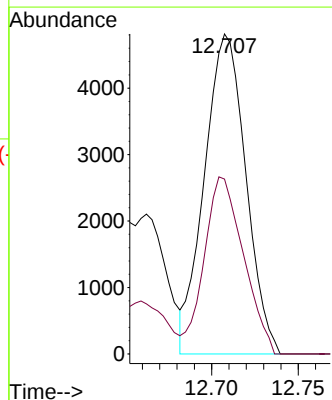
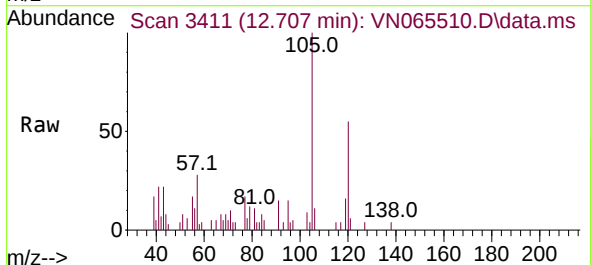
Instrument :
MSVOA_N
ClientSampled :

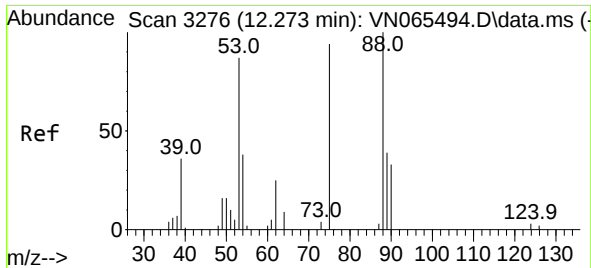
Tgt Ion: 91 Resp: 1685
Ion Ratio Lower Upper
91 100
126 21.2 0.0 74.2



#76
1,3,5-Trimethylbenzene
Concen: 0.83 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 105 Resp: 7998
Ion Ratio Lower Upper
105 100
120 52.6 0.0 101.6

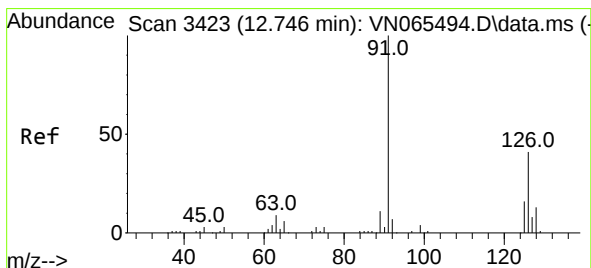
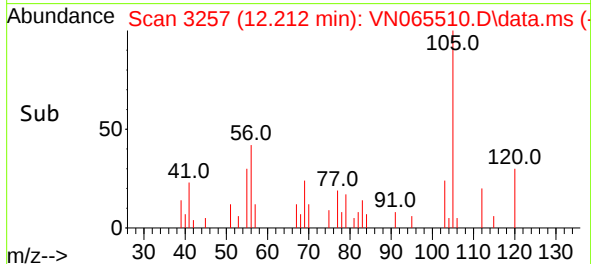
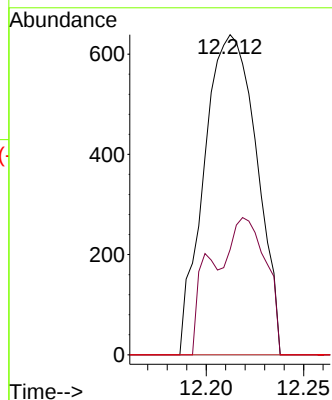
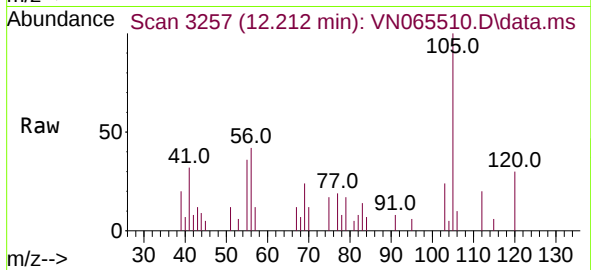




#77
t-1,4-Dichloro-2-butene
Concen: 1.12 ug/l
RT: 12.212 min Scan# 3257
Delta R.T. -0.061 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

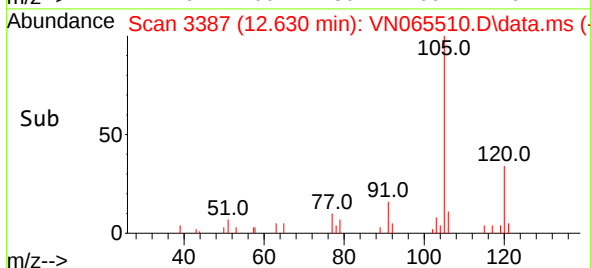
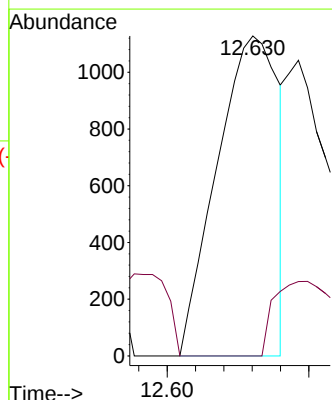
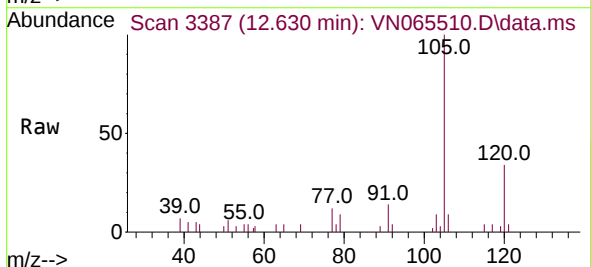
Instrument :
MSVOA_N
ClientSampleId :

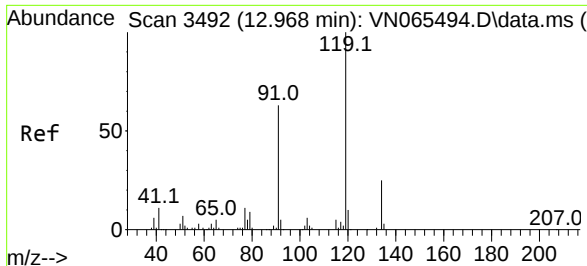
Tgt Ion: 75 Resp: 1199
Ion Ratio Lower Upper
75 100
53 32.9 44.9 134.5#
89 0.0 21.3 64.0#



#78
4-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.630 min Scan# 3387
Delta R.T. -0.116 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

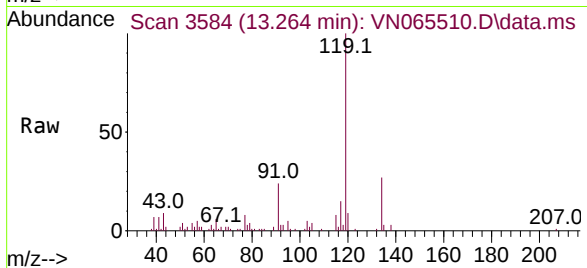
Tgt Ion: 91 Resp: 1685
Ion Ratio Lower Upper
91 100
126 21.2 0.0 71.4



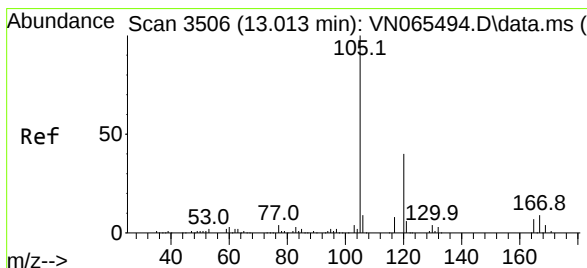
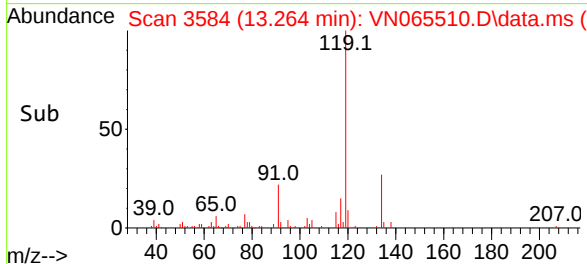
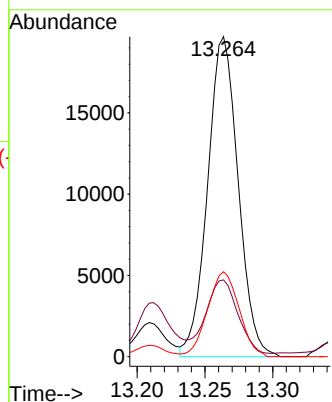


#79
tert-butylbenzene
Concen: 3.72 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. 0.296 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Instrument :
MSVOA_N
ClientSampled :

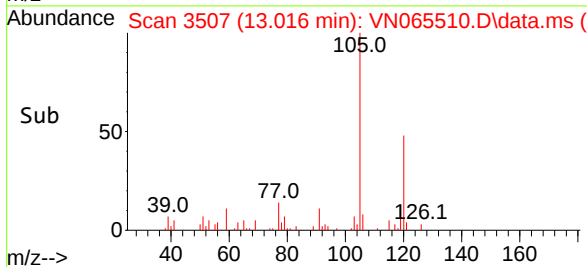
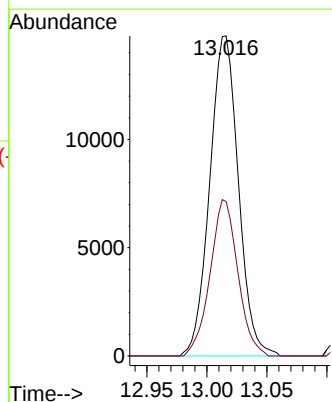
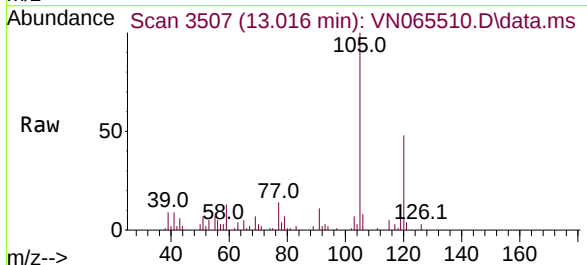


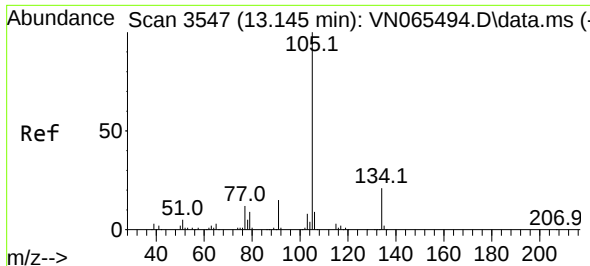
Tgt Ion:119 Resp: 30928
Ion Ratio Lower Upper
119 100
91 23.9 0.0 126.0
134 27.3 0.0 51.2



#80
1,2,4-Trimethylbenzene
Concen: 2.55 ug/l
RT: 13.016 min Scan# 3507
Delta R.T. 0.003 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:105 Resp: 24577
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.6

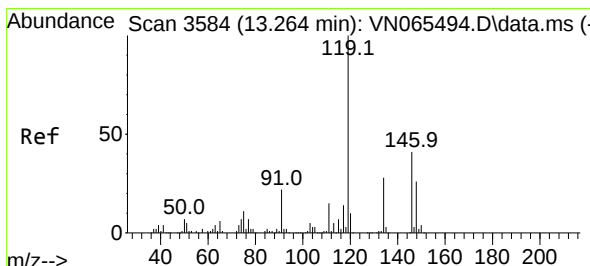
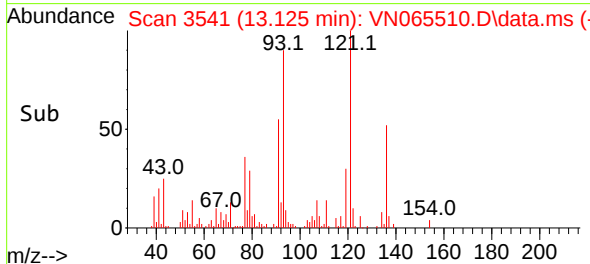
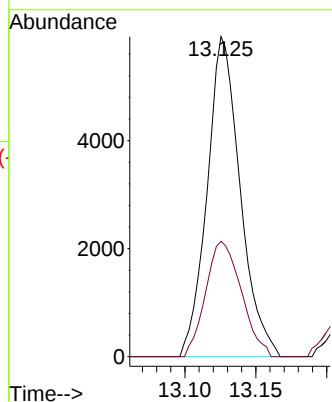
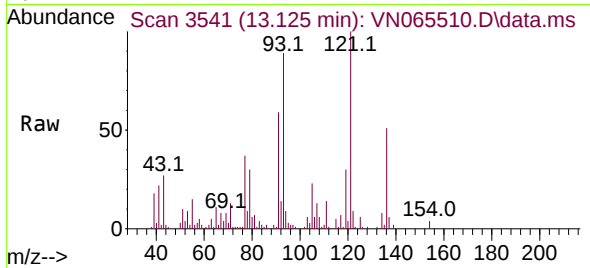




#81
 sec-Butylbenzene
 Concen: 0.90 ug/l
 RT: 13.125 min Scan# 3541
 Delta R.T. -0.019 min
 Lab File: VN065510.D
 Acq: 14 Jan 2021 15:32

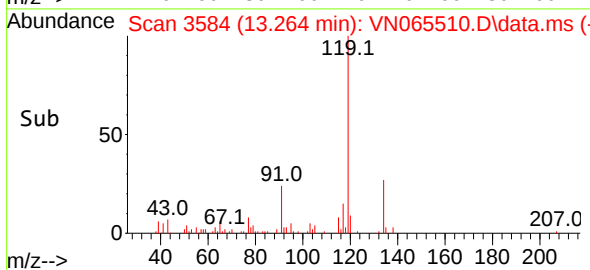
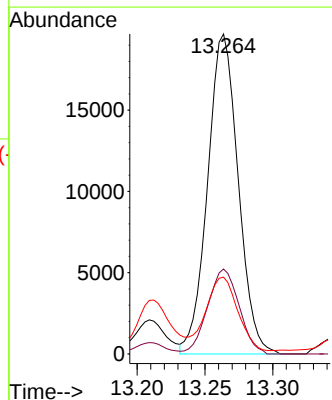
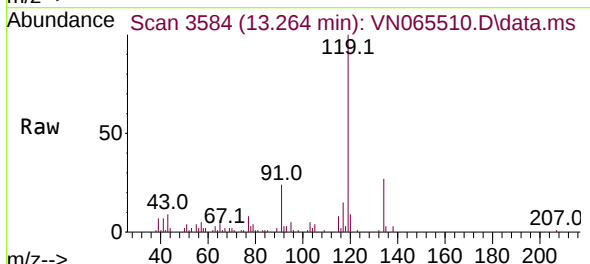
Instrument :
 MSVOA_N
 ClientSampled :

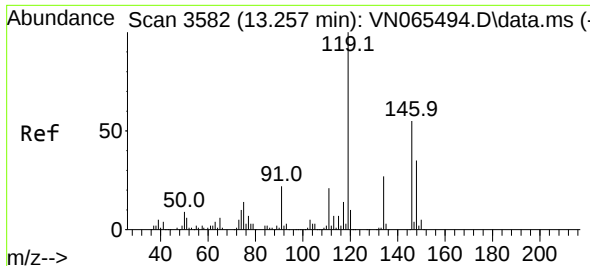
Tgt Ion:105 Resp: 9618
 Ion Ratio Lower Upper
 105 100
 134 38.8 0.0 42.2



#82
 p-Isopropyltoluene
 Concen: 3.08 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. 0.000 min
 Lab File: VN065510.D
 Acq: 14 Jan 2021 15:32

Tgt Ion:119 Resp: 30928
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 54.8
 91 23.9 0.0 44.8

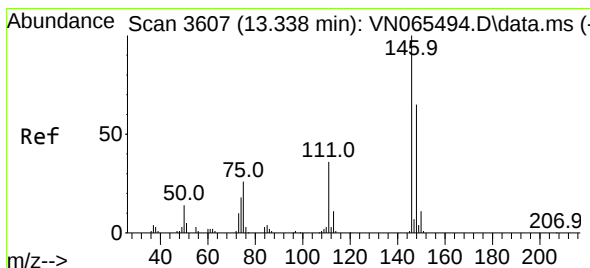
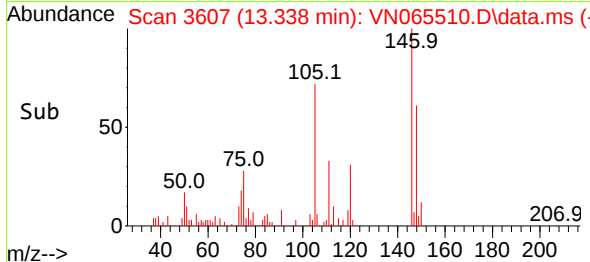
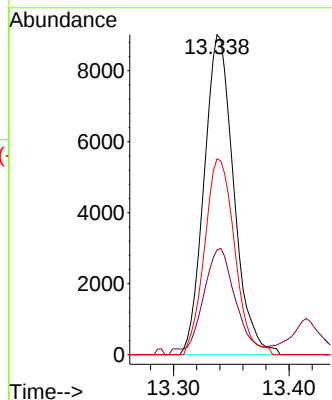
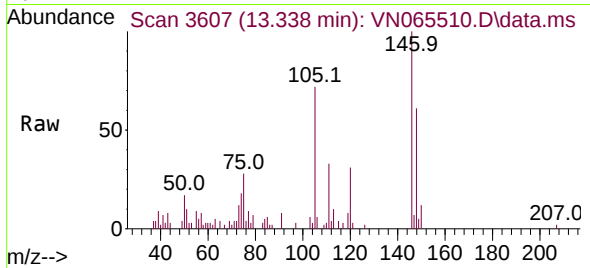




#83
1,3-Dichlorobenzene
Concen: 3.00 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.080 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

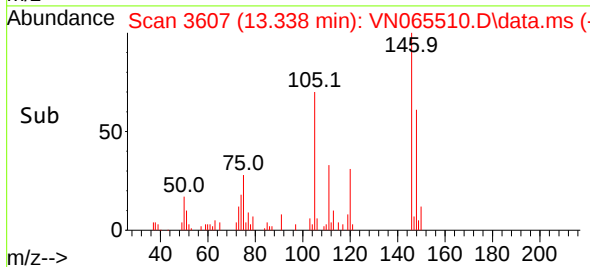
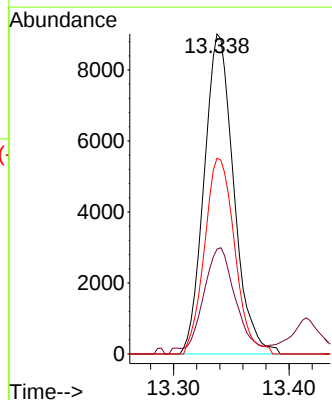
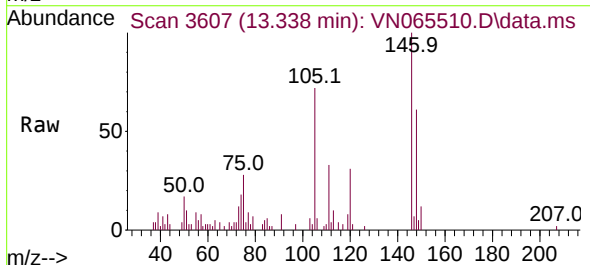
Instrument :
MSVOA_N
ClientSampled :

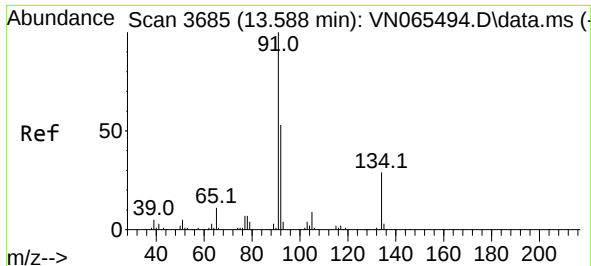
Tgt Ion:146 Resp: 16052
Ion Ratio Lower Upper
146 100
111 35.6 18.6 55.8
148 62.4 32.0 96.2



#84
1,4-Dichlorobenzene
Concen: 3.07 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:146 Resp: 16052
Ion Ratio Lower Upper
146 100
111 35.6 17.9 53.7
148 62.4 31.8 95.4

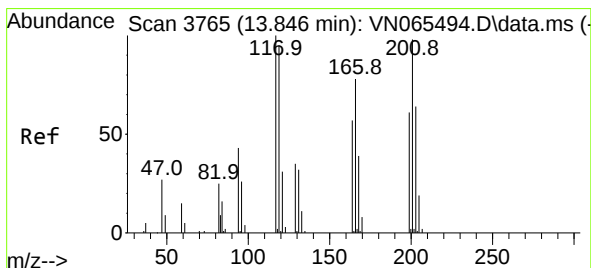
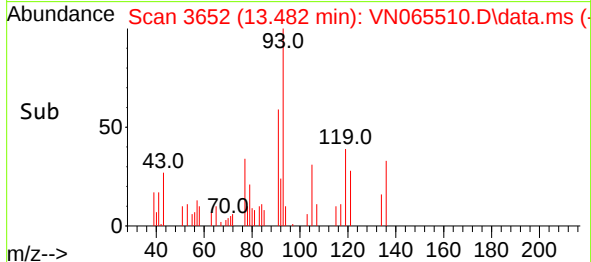
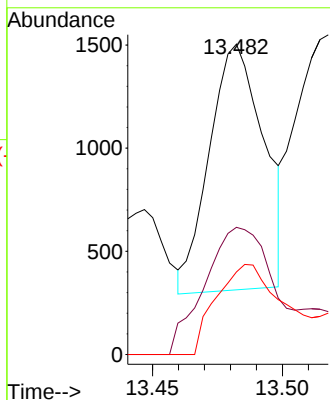
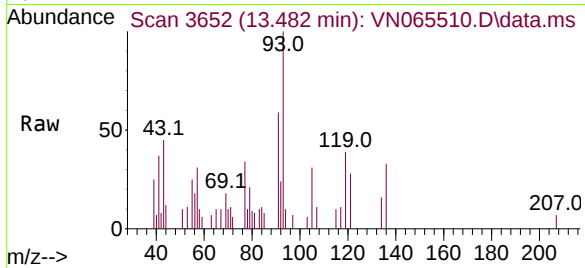




#85
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.482 min Scan# 3652
Delta R.T. -0.106 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

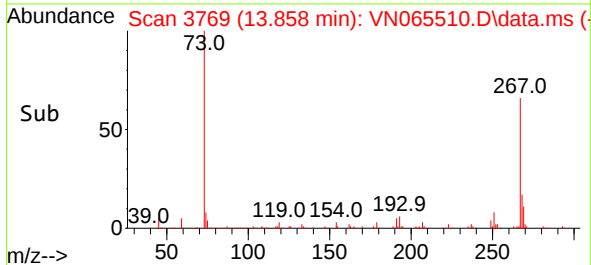
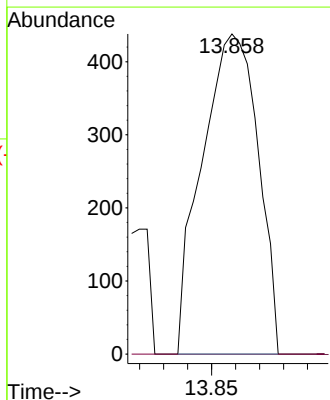
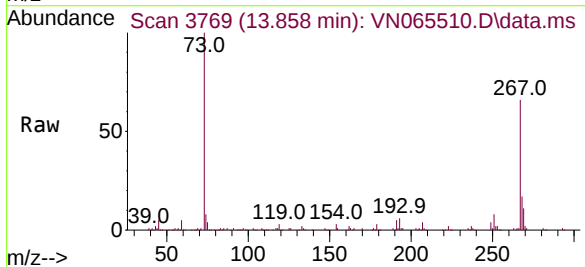
Instrument :
MSVOA_N
ClientSampleId :

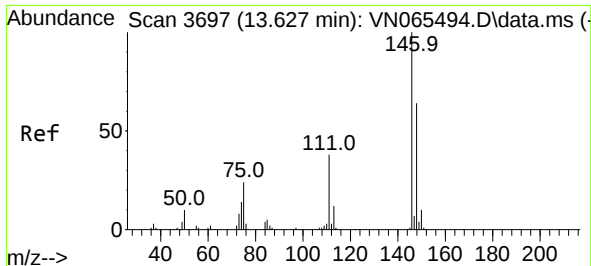
Tgt Ion: 91 Resp: 1730
Ion Ratio Lower Upper
91 100
92 64.9 0.0 104.8
134 45.8 0.0 55.8



#86
Hexachloroethane
Concen: 0.43 ug/l
RT: 13.858 min Scan# 3769
Delta R.T. 0.013 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion: 117 Resp: 712
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.3#

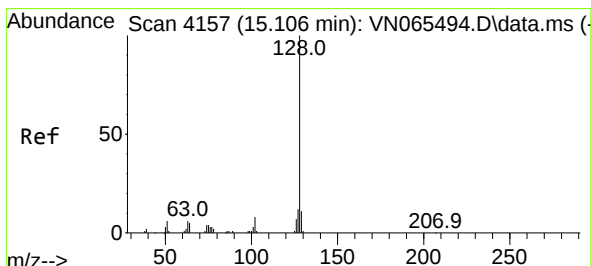
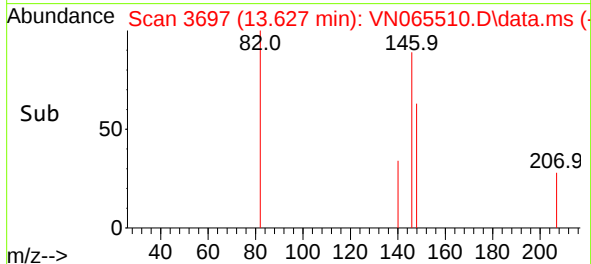
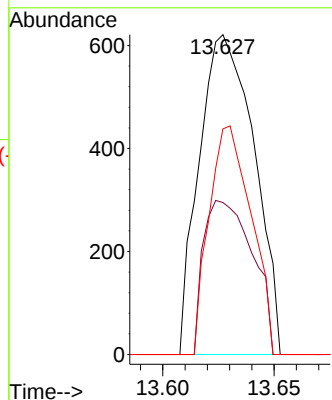
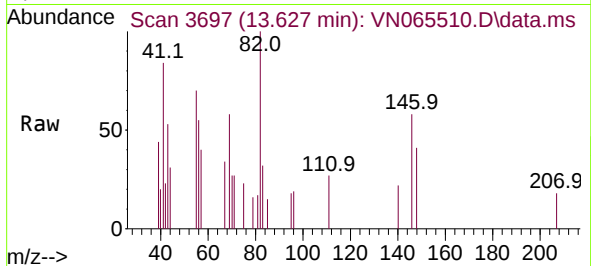




#87
1,2-Dichlorobenzene
Concen: 0.20 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	146	Resp:	1066
Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.9	56.9
148	54.8	32.3	96.8



#91
Naphthalene
Concen: 9.34 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.000 min
Lab File: VN065510.D
Acq: 14 Jan 2021 15:32

Tgt Ion:	128	Resp:	2615
Ion	Ratio	Lower	Upper
128	100		
127	4.8	10.1	15.1#
129	3.3	8.6	12.8#

