

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065329.D
 Acq On : 30 Dec 2020 18:51
 Operator : JC/MD
 Sample : PB133547ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:05:30 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

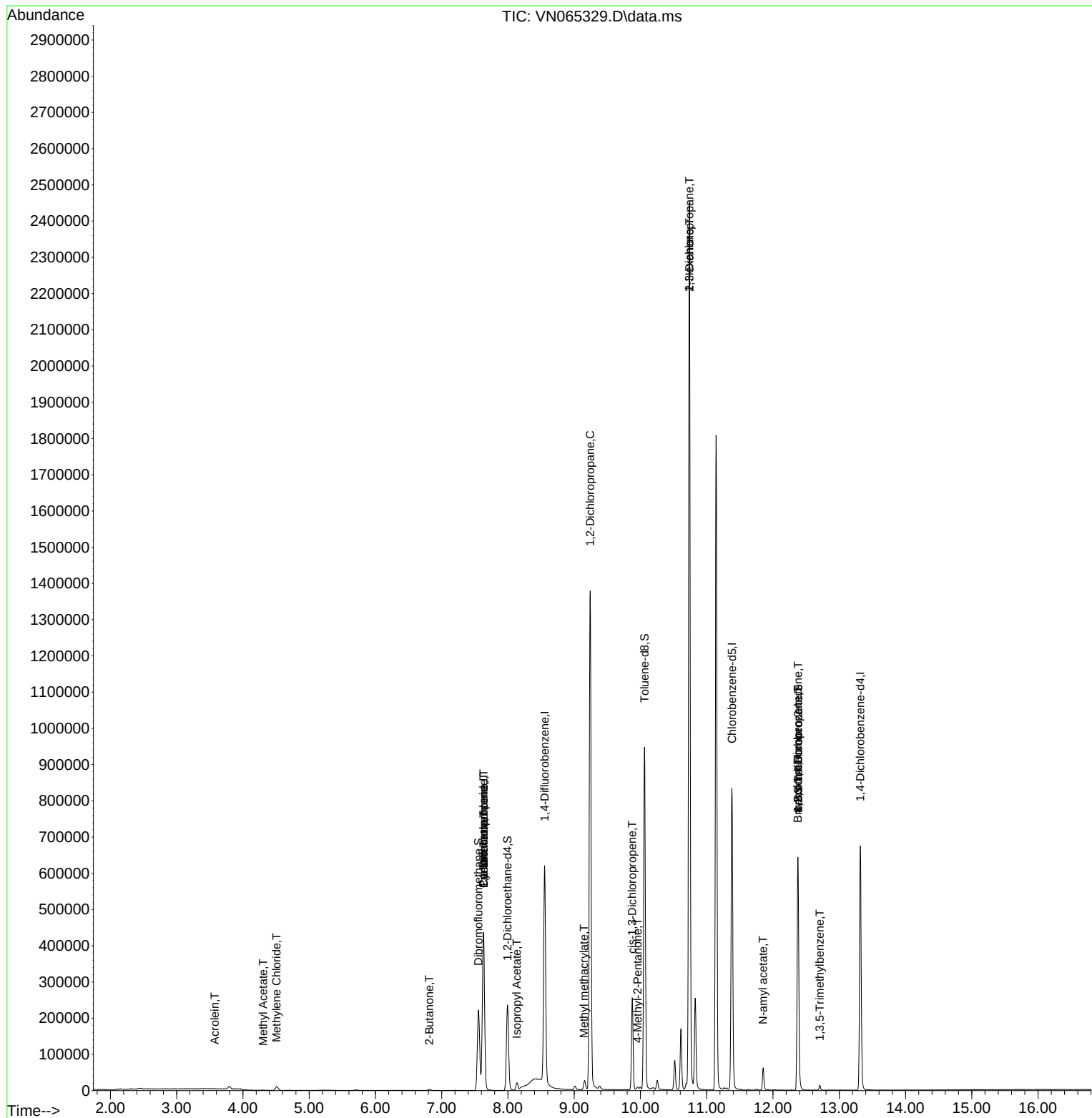
Internal Standards						
1) Pentafluorobenzene	7.630	168	397672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	569497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	522794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	210371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	206872	46.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.16%		
35) Dibromofluoromethane	7.553	113	171643	49.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.92%		
50) Toluene-d8	10.061	98	678014	52.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.30%		
62) 4-Bromofluorobenzene	12.376	95	224722	44.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.46%		
Target Compounds						Qvalue
13) Acrolein	3.573	56	61	2.53	ug/l #	14
16) Acetone	3.795	43	11493	Below Cal		95
18) Methyl Acetate	4.306	43	2359	0.59	ug/l #	52
20) Methylene Chloride	4.505	84	8799	2.01	ug/l	95
25) 2-Butanone	6.811	43	2488	0.99	ug/l	99
31) Cyclohexane	7.630	56	6460	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	25598	4.94	ug/l #	49
38) Carbon Tetrachloride	7.630	117	33071	6.08	ug/l #	17
43) Isopropyl Acetate	8.132	43	25746	2.91	ug/l	96
45) 1,2-Dichloropropane	9.241	63	1662	0.42	ug/l #	43
48) Methyl methacrylate	9.148	41	6698	1.56	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	5280	1.06	ug/l	93
54) cis-1,3-Dichloropropene	9.875	75	47050	6.85	ug/l #	61
57) 1,3-Dichloropropane	10.736	76	26168	4.13	ug/l #	42
59) 2-Hexanone	10.736	43	356207	97.42	ug/l #	49
71) Bromoform	12.373	173	1390	0.39	ug/l #	1
74) N-amyl acetate	11.849	43	19588	3.07	ug/l #	50
76) 1,2,3-Trichloropropane	12.376	75	109943	25.62	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.707	105	7405	0.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.376	75	109943	64.59	ug/l #	15

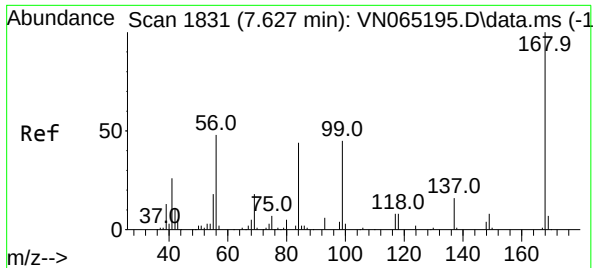
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
Data File : VN065329.D
Acq On : 30 Dec 2020 18:51
Operator : JC/MD
Sample : PB133547ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 31 03:05:30 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

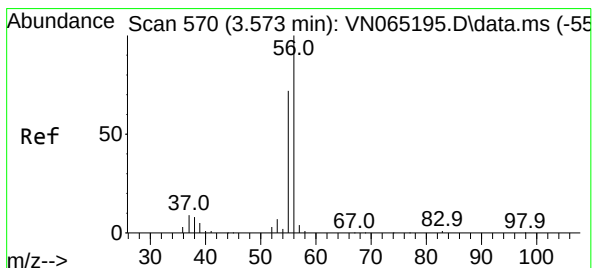
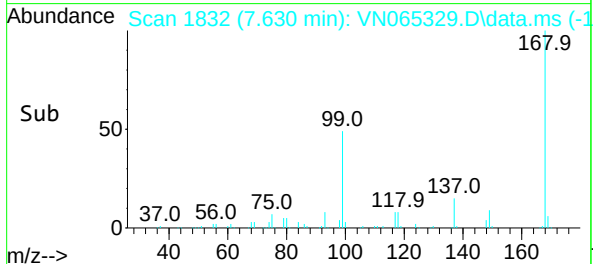
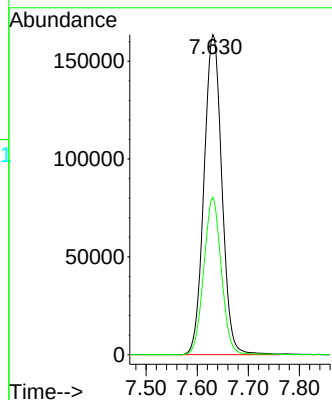
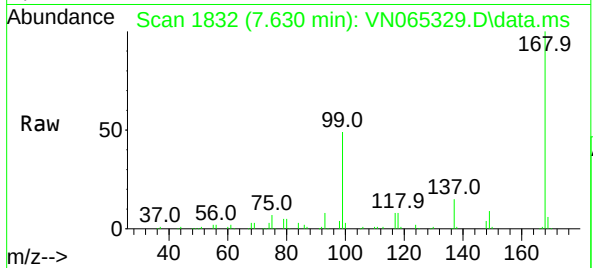




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

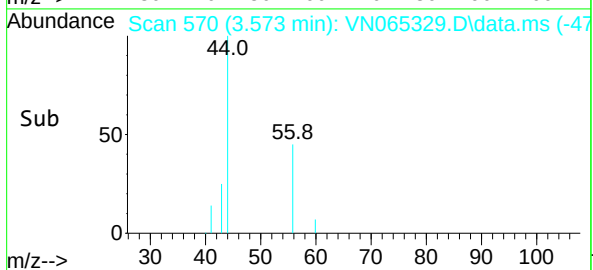
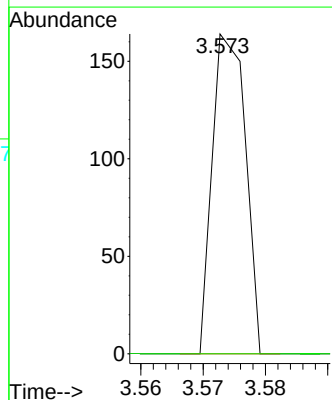
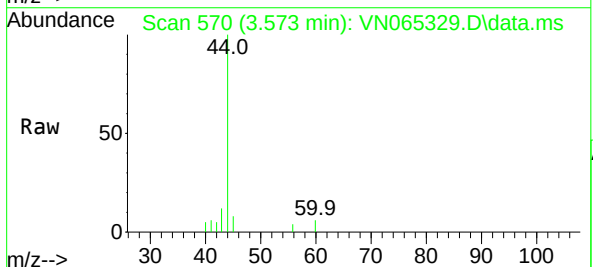
Instrument :
MSVOA_N
ClientSampleId :

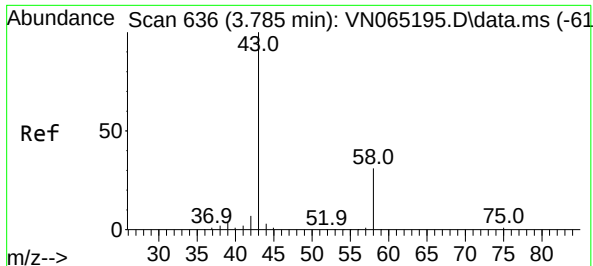
Tgt Ion:168 Resp: 397672
Ion Ratio Lower Upper
168 100
99 49.2 43.0 64.4



#13
Acrolein
Concen: 2.53 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

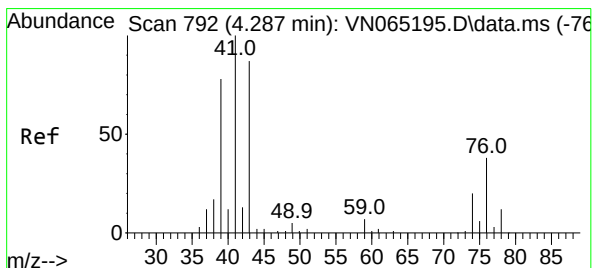
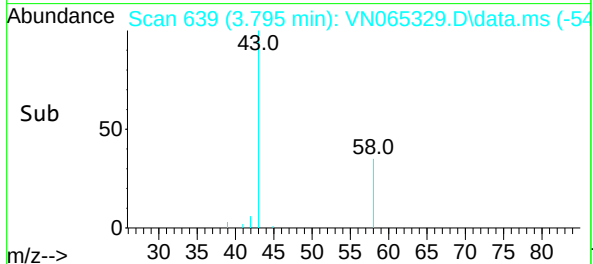
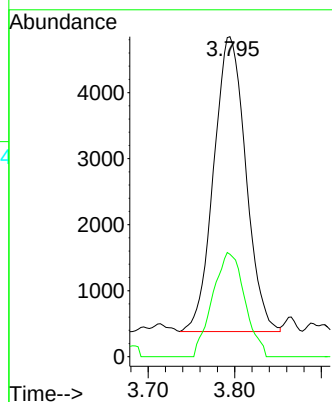
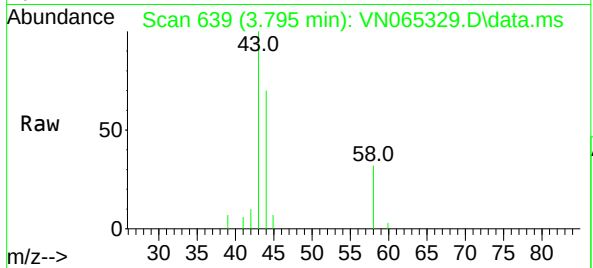




#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

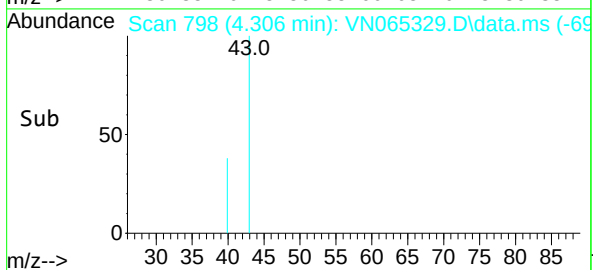
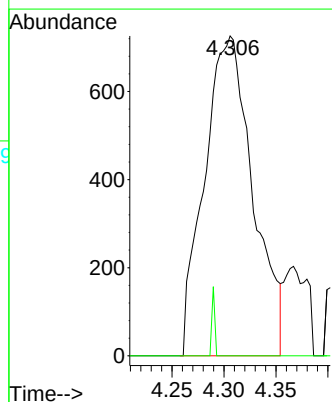
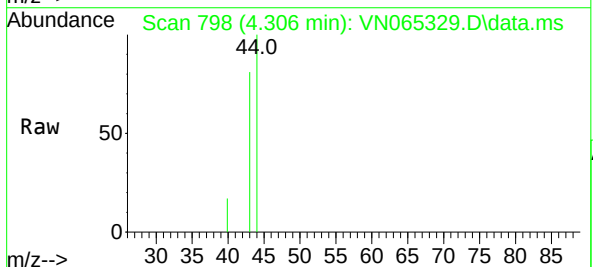
Instrument :
MSVOA_N
ClientSampled :

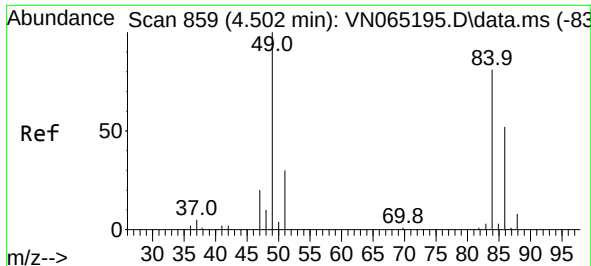
Tgt Ion: 43 Resp: 11493
Ion Ratio Lower Upper
43 100
58 34.8 25.7 38.5



#18
Methyl Acetate
Concen: 0.59 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.019 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

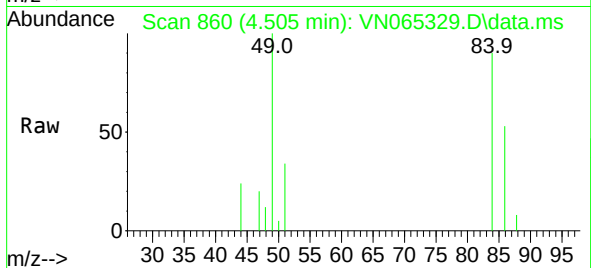
Tgt Ion: 43 Resp: 2359
Ion Ratio Lower Upper
43 100
74 1.3 20.2 30.2#



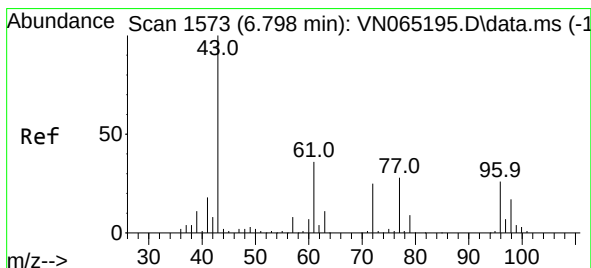
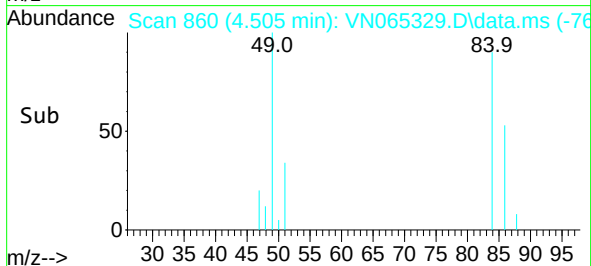
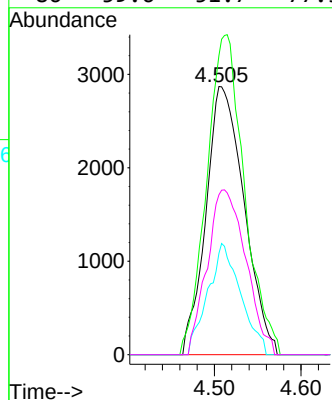


#20
Methylene Chloride
Concen: 2.01 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

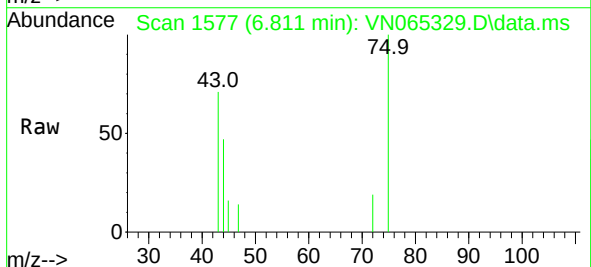
Instrument :
MSVOA_N
ClientSampleId :



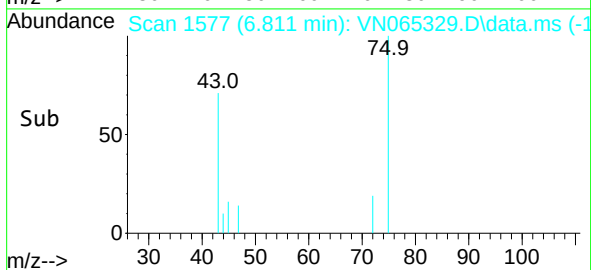
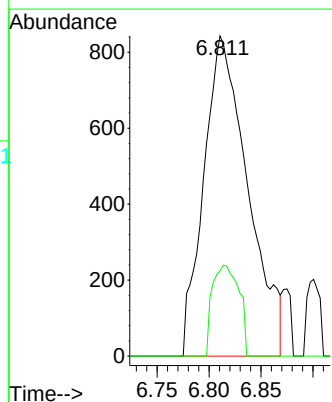
Tgt Ion:	84	Resp:	8799
Ion	Ratio	Lower	Upper
84	100		
49	111.5	93.4	140.0
51	37.8	28.2	42.4
86	59.6	51.7	77.5

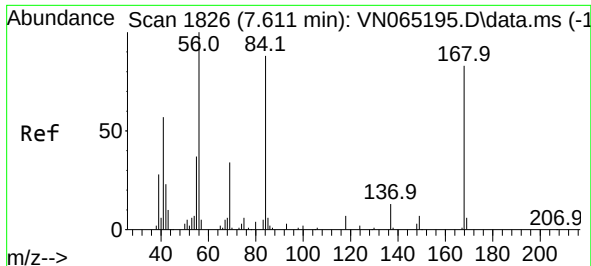


#25
2-Butanone
Concen: 0.99 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51



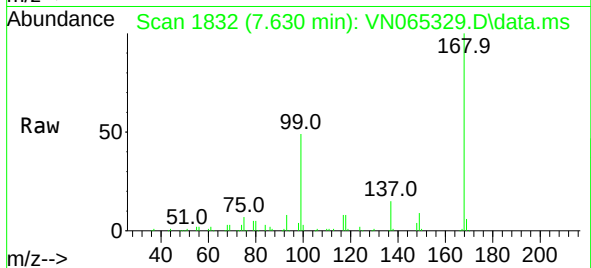
Tgt Ion:	43	Resp:	2488
Ion	Ratio	Lower	Upper
43	100		
72	26.7	21.0	31.6



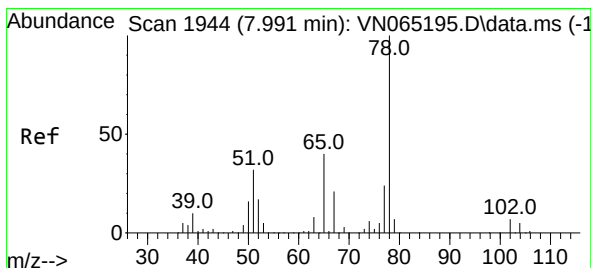
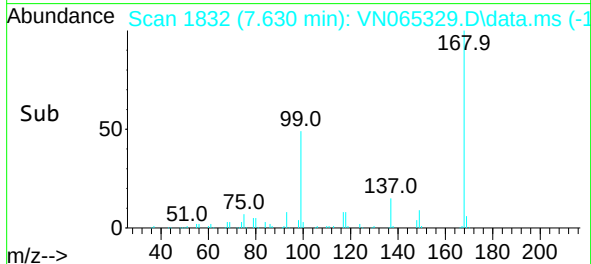
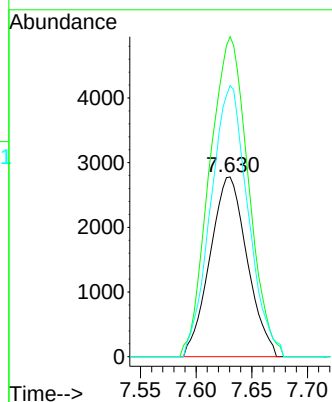


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Instrument :
MSVOA_N
ClientSampled :

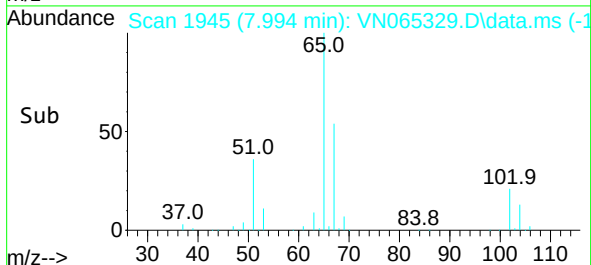
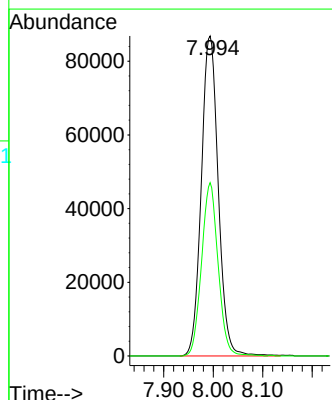
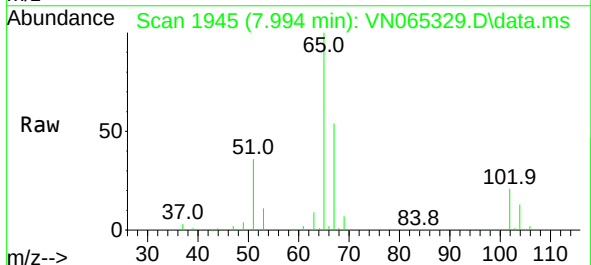


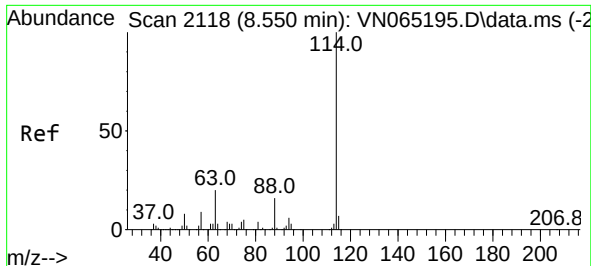
Tgt Ion: 56 Resp: 6460
Ion Ratio Lower Upper
56 100
69 178.0 27.5 41.3#
84 150.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 46.08 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 65 Resp: 206872
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2

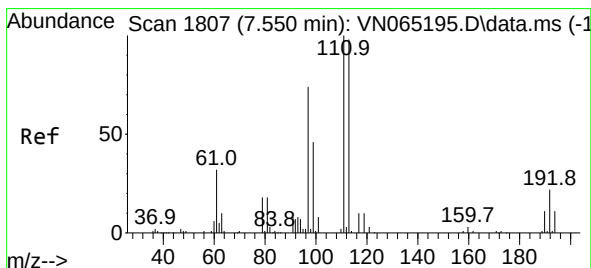
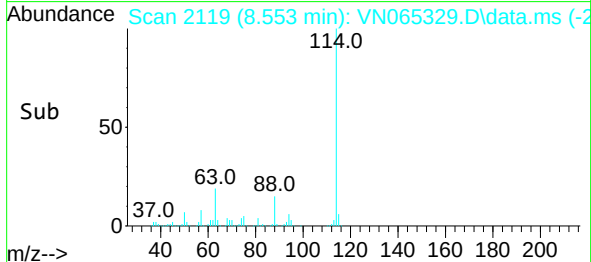
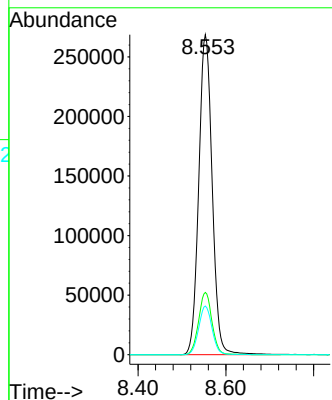
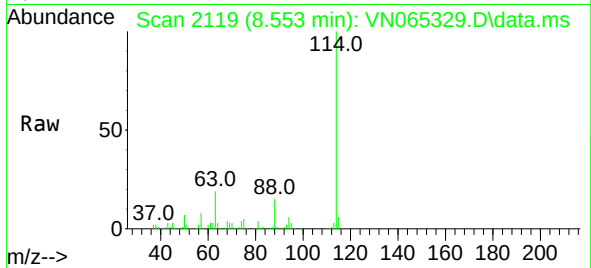




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

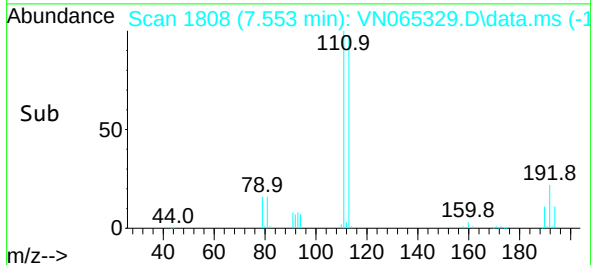
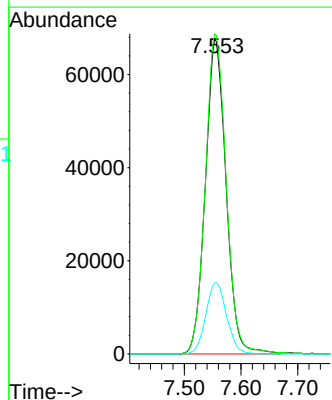
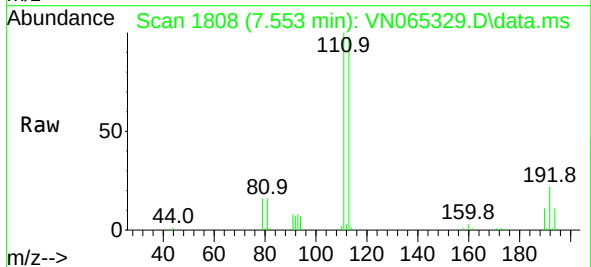
Instrument :
MSVOA_N
ClientSampled :

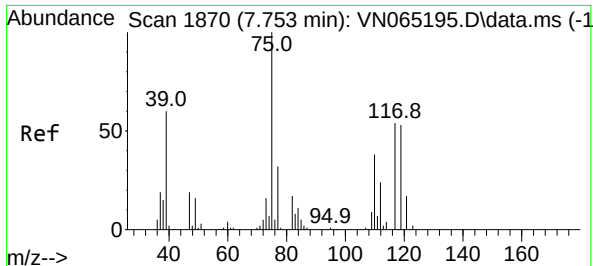
Tgt Ion:114 Resp: 569497
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.96 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion:113 Resp: 171643
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 22.7 16.2 24.2

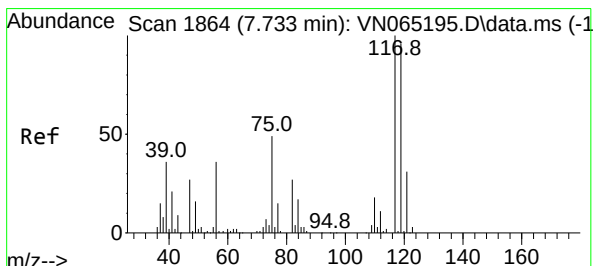
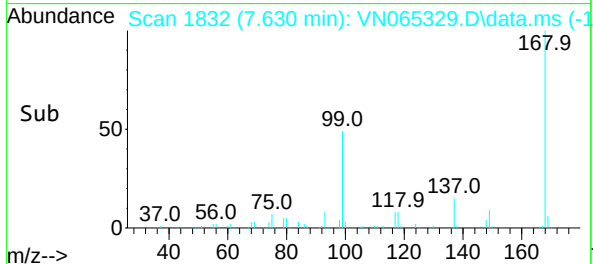
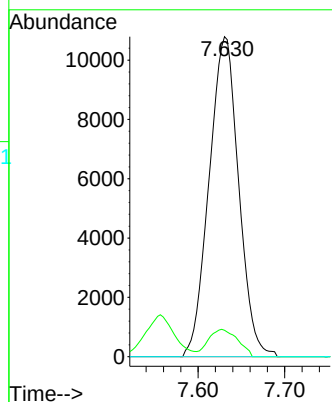
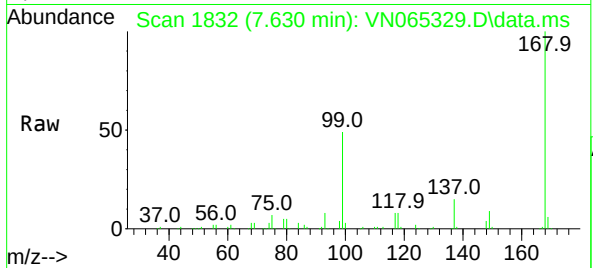




#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

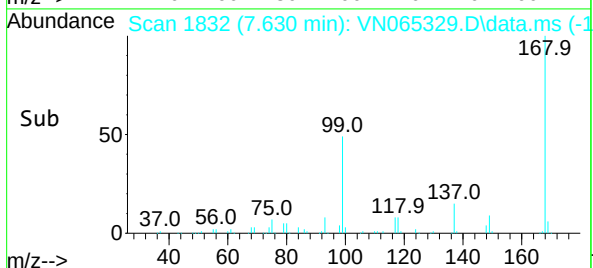
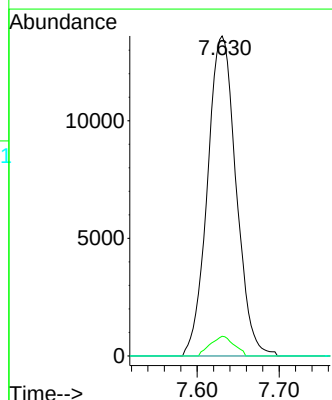
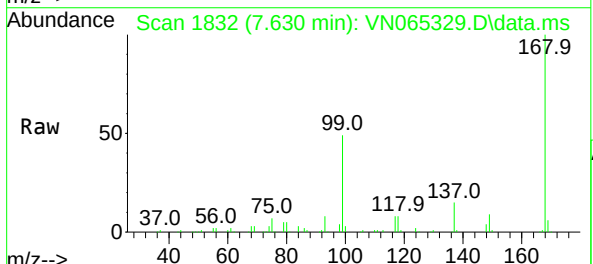
Instrument :
MSVOA_N
ClientSampled :

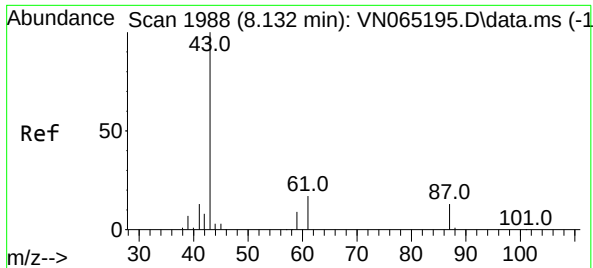
Tgt Ion: 75 Resp: 25598
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 117 Resp: 33071
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 25.4 38.2#

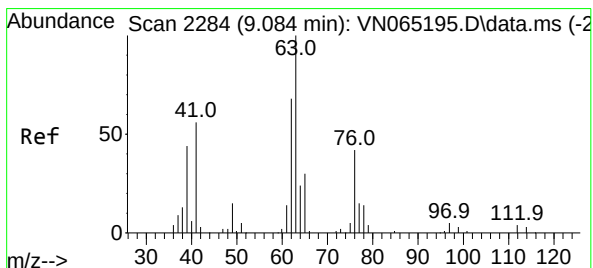
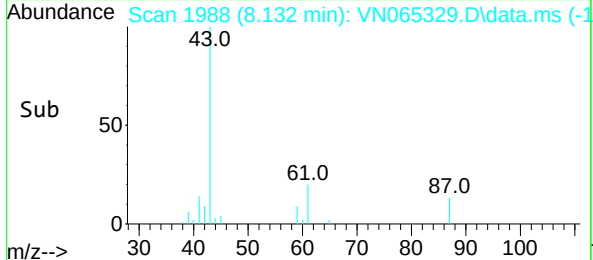
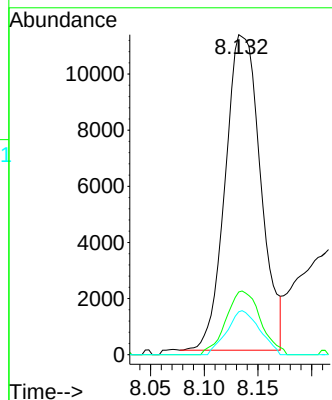
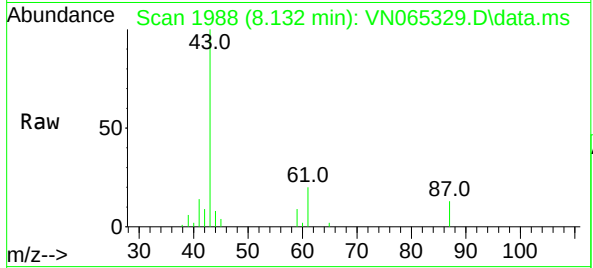




#43
Isopropyl Acetate
Concen: 2.91 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

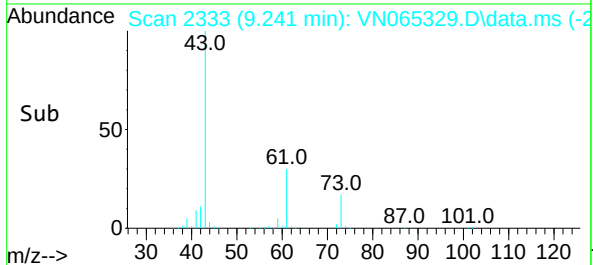
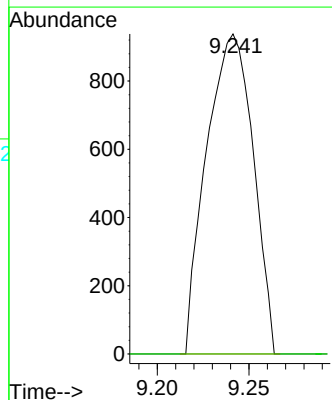
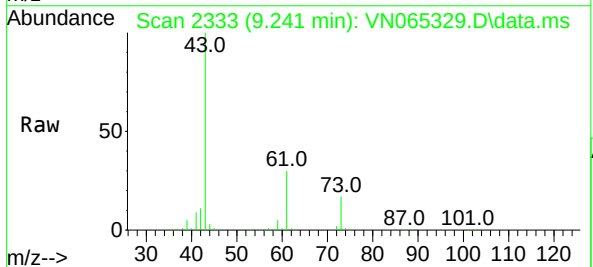
Instrument :
MSVOA_N
ClientSampled :

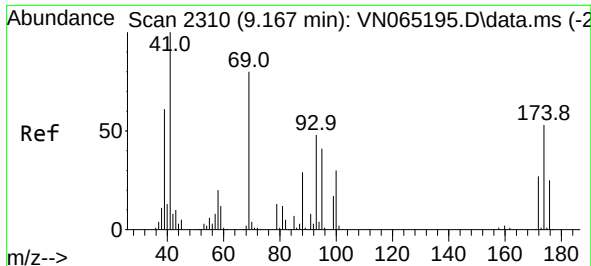
Tgt Ion:	43	Resp:	25746
Ion	Ratio	Lower	Upper
43	100		
61	19.8	17.2	25.8
87	12.9	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion:	63	Resp:	1662
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

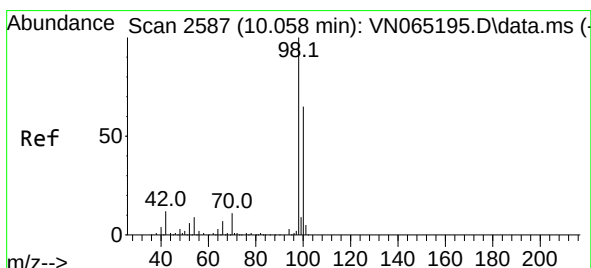
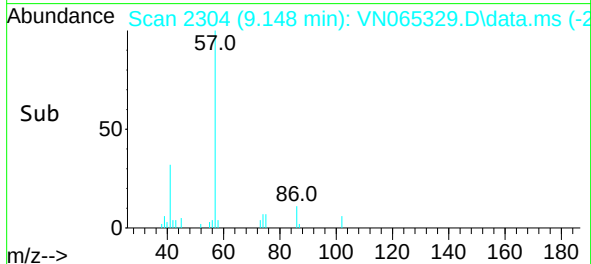
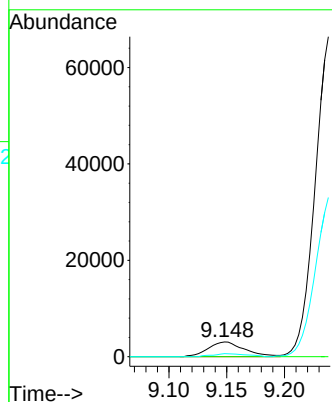
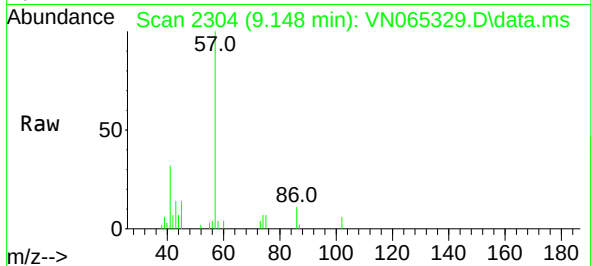




#48
Methyl methacrylate
Concen: 1.56 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

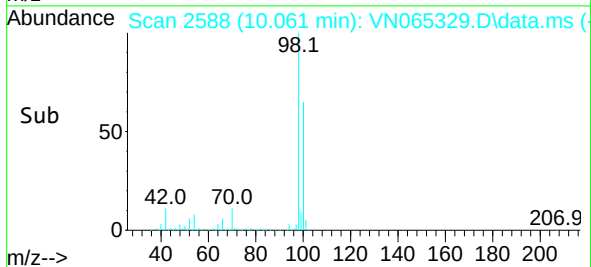
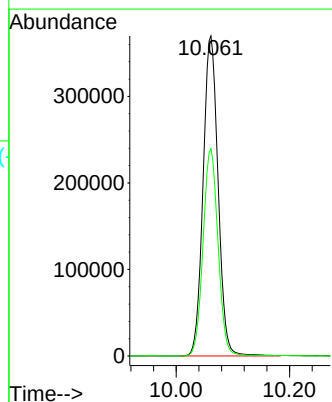
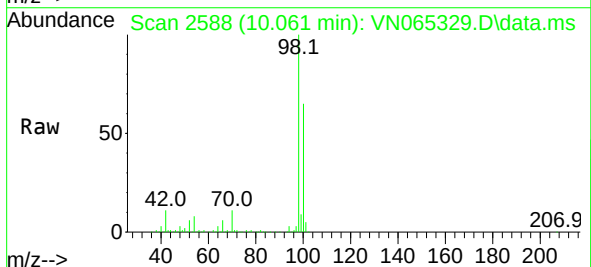
Instrument :
MSVOA_N
ClientSampled :

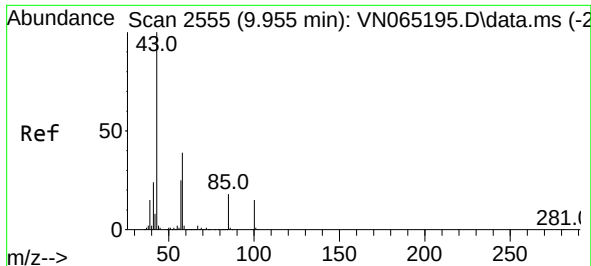
Tgt Ion: 41 Resp: 6698
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 98 Resp: 678014
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

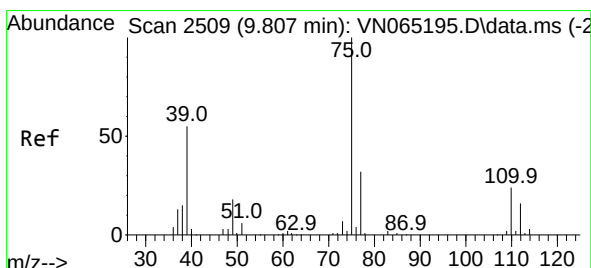
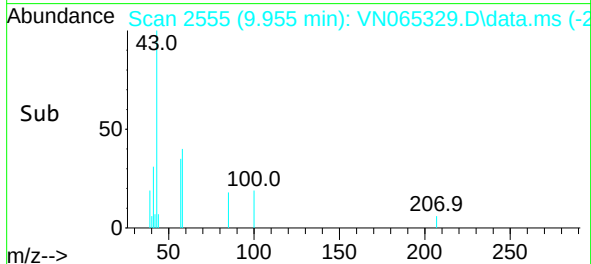
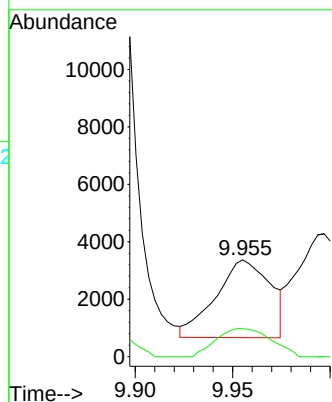
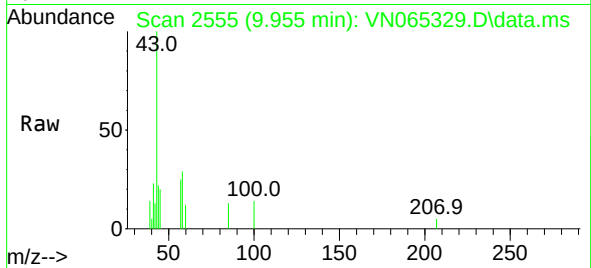




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

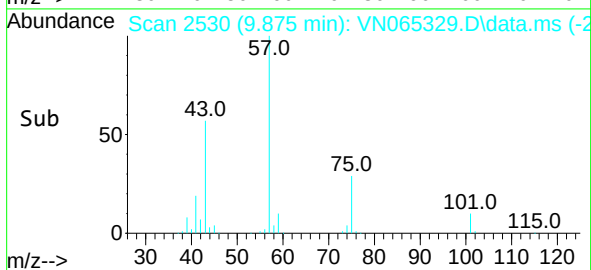
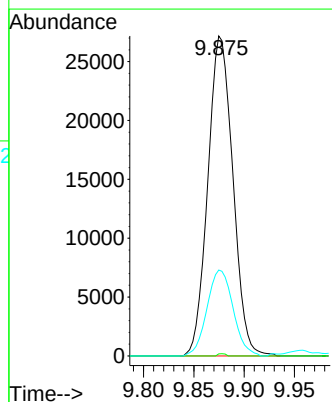
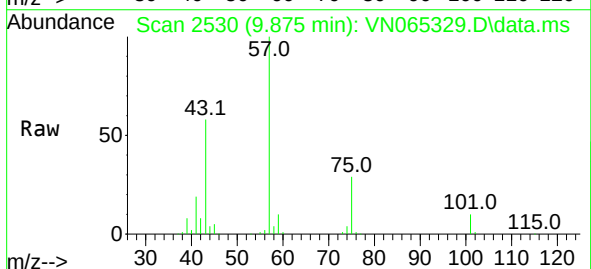
Instrument :
MSVOA_N
ClientSampled :

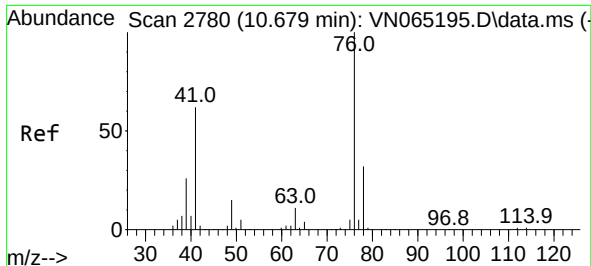
Tgt Ion: 43 Resp: 5280
Ion Ratio Lower Upper
43 100
58 36.4 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 6.85 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 75 Resp: 47050
Ion Ratio Lower Upper
75 100
77 0.7 25.5 38.3#
39 26.9 35.6 53.4#

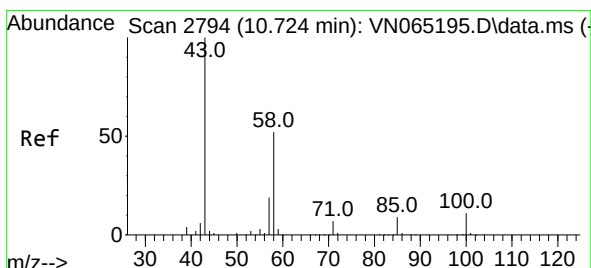
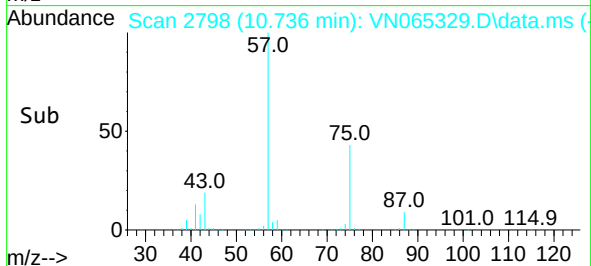
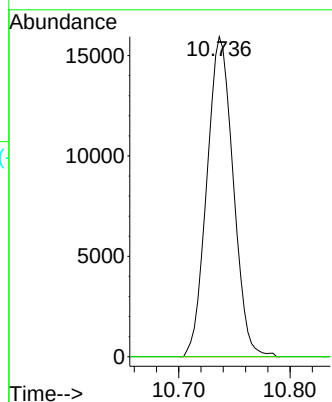
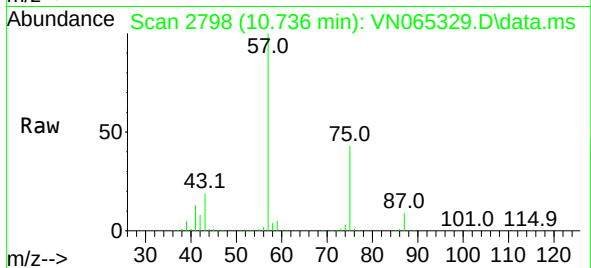




#57
1,3-Dichloropropane
Concen: 4.13 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

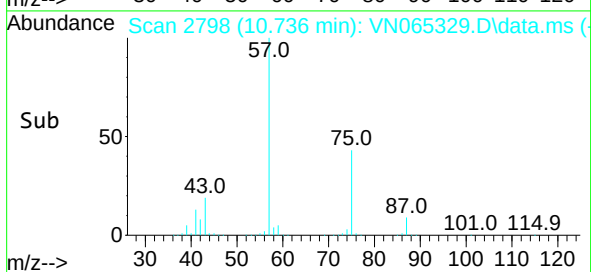
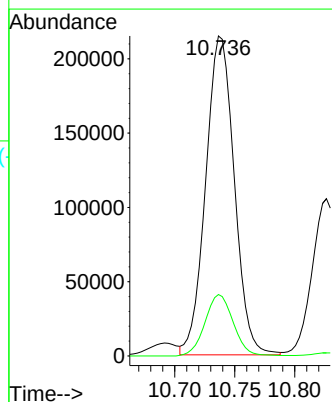
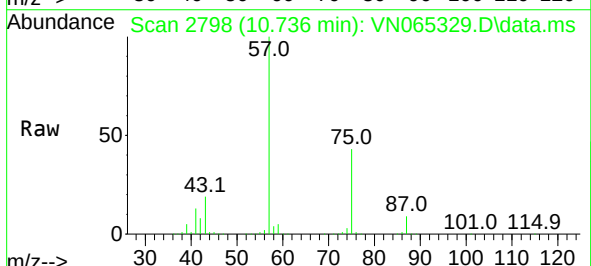
Instrument :
MSVOA_N
ClientSampled :

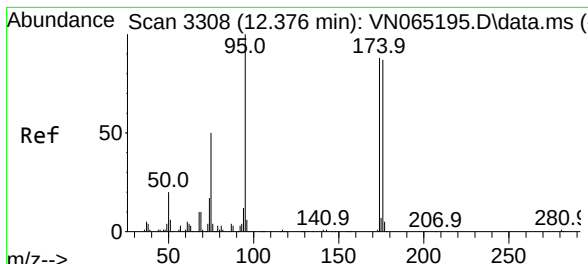
Tgt Ion: 76 Resp: 26168
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 97.42 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 43 Resp: 356207
Ion Ratio Lower Upper
43 100
58 19.1 28.3 84.9#

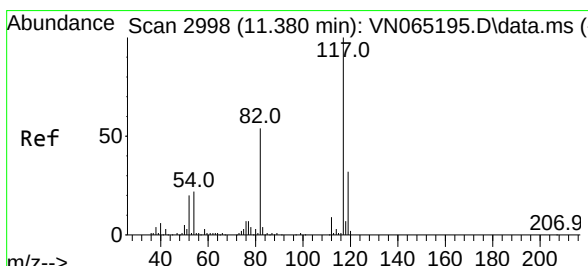
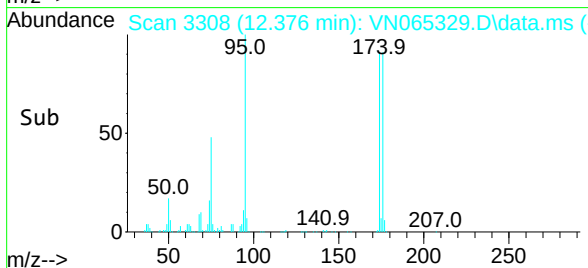
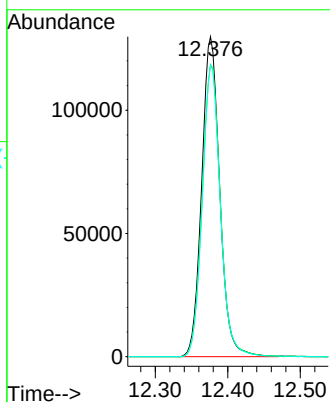
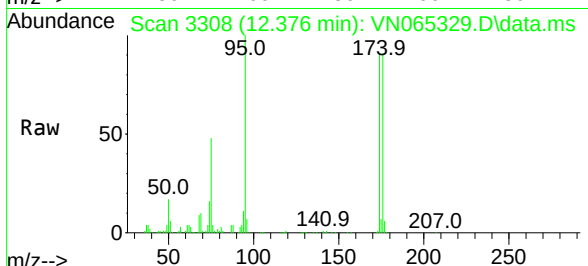




#62
 4-Bromofluorobenzene
 Concen: 44.73 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.000 min
 Lab File: VN065329.D
 Acq: 30 Dec 2020 18:51

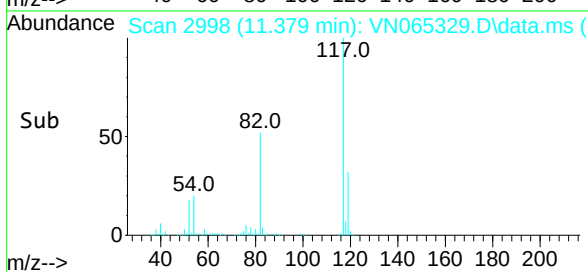
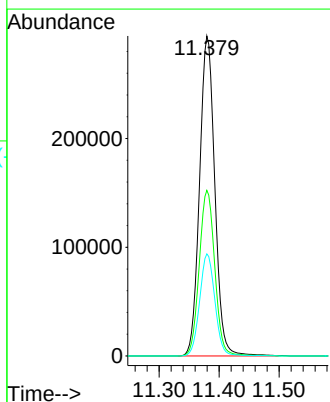
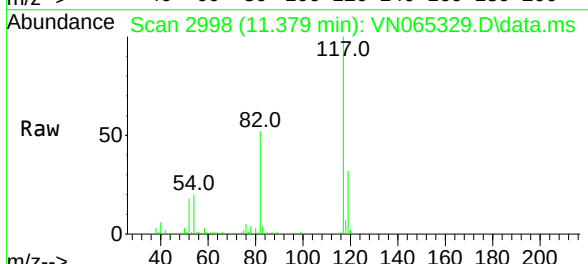
Instrument :
 MSVOA_N
 ClientSampled :

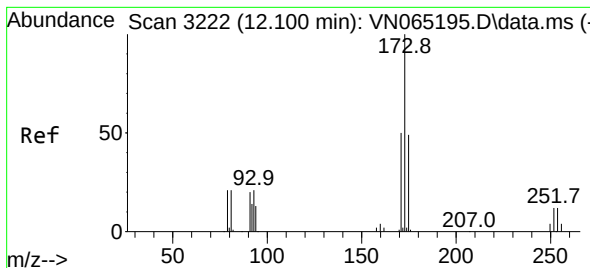
Tgt Ion:	95	Resp:	224722
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	160.4
176	90.9	0.0	158.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.379 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: VN065329.D
 Acq: 30 Dec 2020 18:51

Tgt Ion:	117	Resp:	522794
Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.2	66.2
119	31.9	25.8	38.6

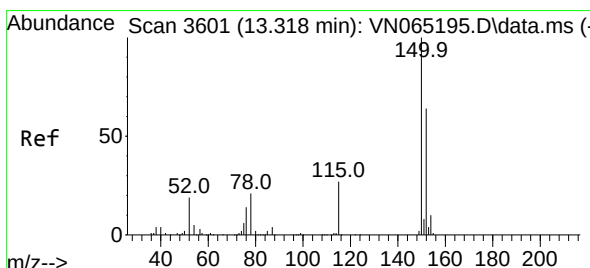
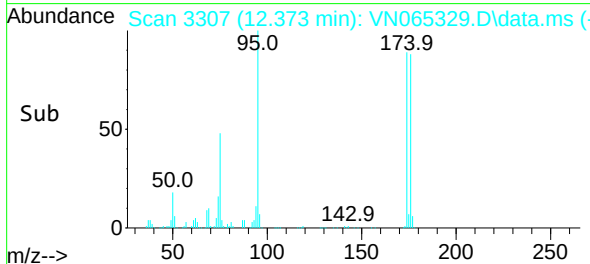
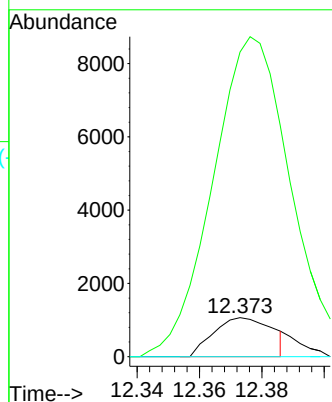
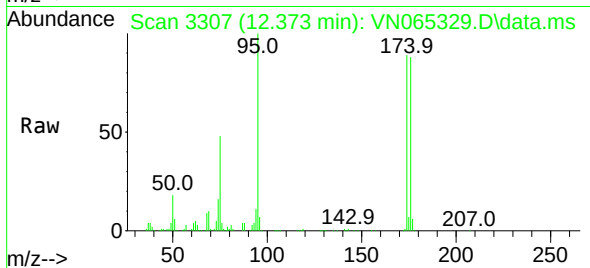




#71
Bromoform
Concen: 0.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

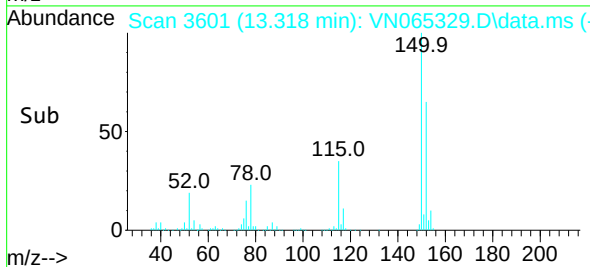
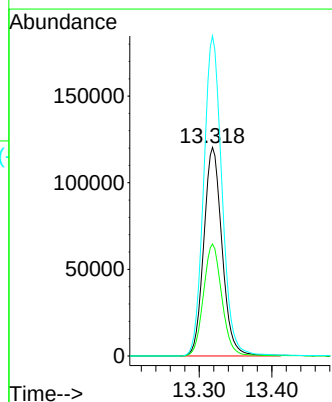
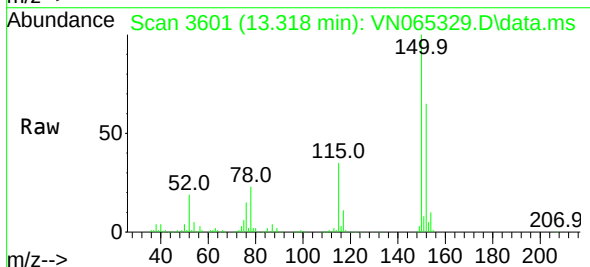
Instrument :
MSVOA_N
ClientSampleId :

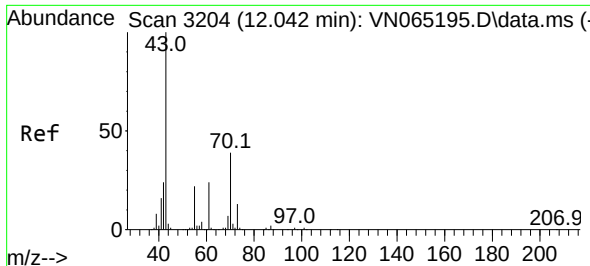
Tgt Ion:173 Resp: 1390
Ion Ratio Lower Upper
173 100
175 893.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

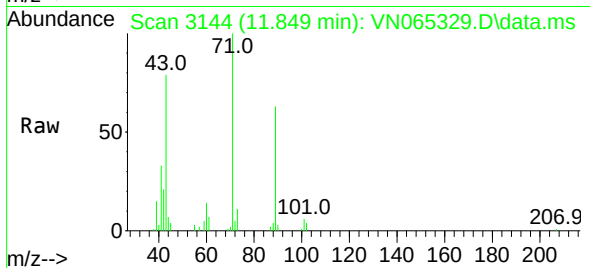
Tgt Ion:152 Resp: 210371
Ion Ratio Lower Upper
152 100
115 54.1 29.7 89.1
150 154.4 0.0 350.6



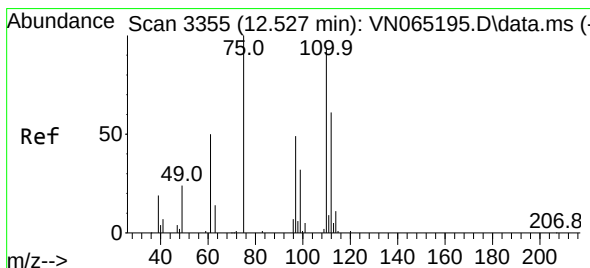
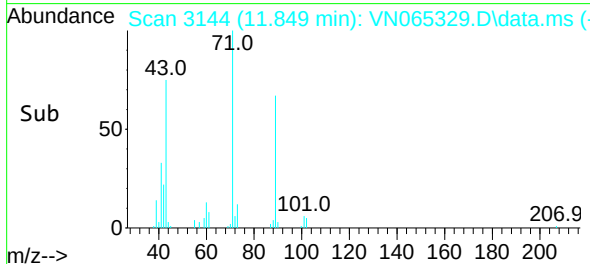
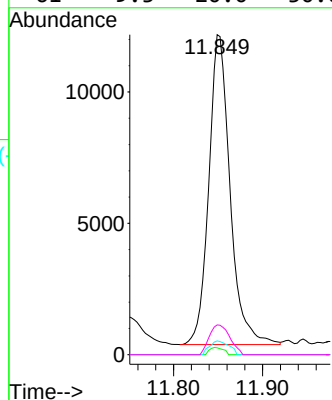


#74
N-amy1 acetate
Concen: 3.07 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.193 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Instrument :
MSVOA_N
ClientSampled :

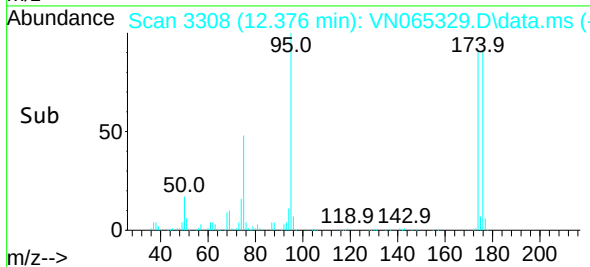
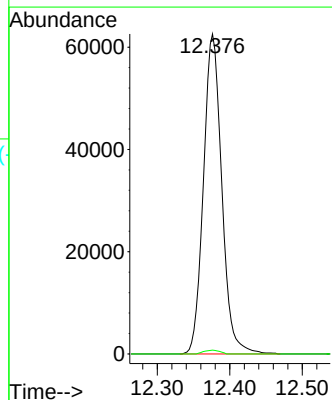
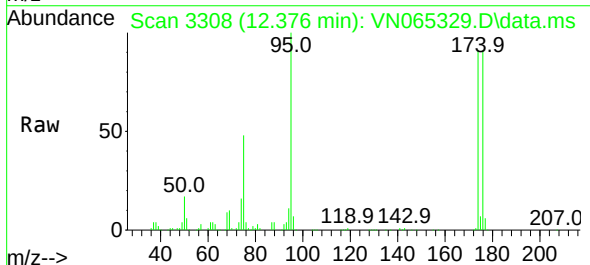


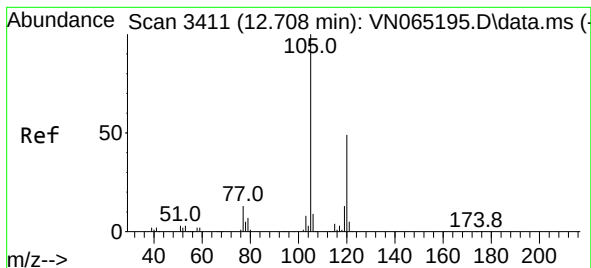
Tgt Ion: 43	Resp: 19588
Ion Ratio	Lower Upper
43 100	
70 1.5	34.5 51.7#
55 4.0	20.4 30.6#
61 9.3	20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 25.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 75	Resp: 109943
Ion Ratio	Lower Upper
75 100	
77 1.0	0.0 0.0#

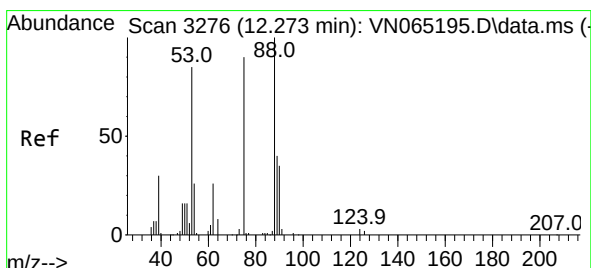
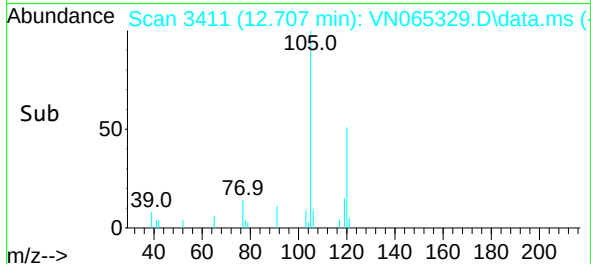
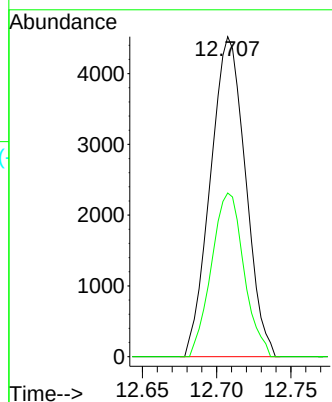
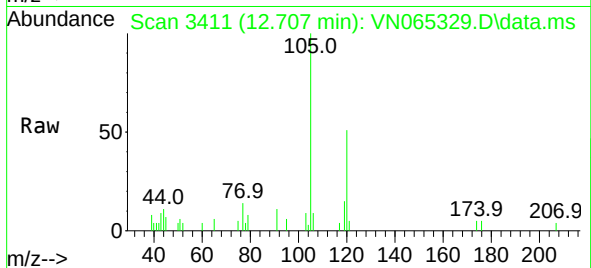




#80
1,3,5-Trimethylbenzene
Concen: 0.54 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 7405
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 64.59 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065329.D
Acq: 30 Dec 2020 18:51

Tgt Ion: 75 Resp: 109943
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

