

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065235.D
 Acq On : 23 Dec 2020 15:14
 Operator : JC/MD
 Sample : PB133762ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762ZHE#03

Quant Time: Dec 24 04:21:06 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)

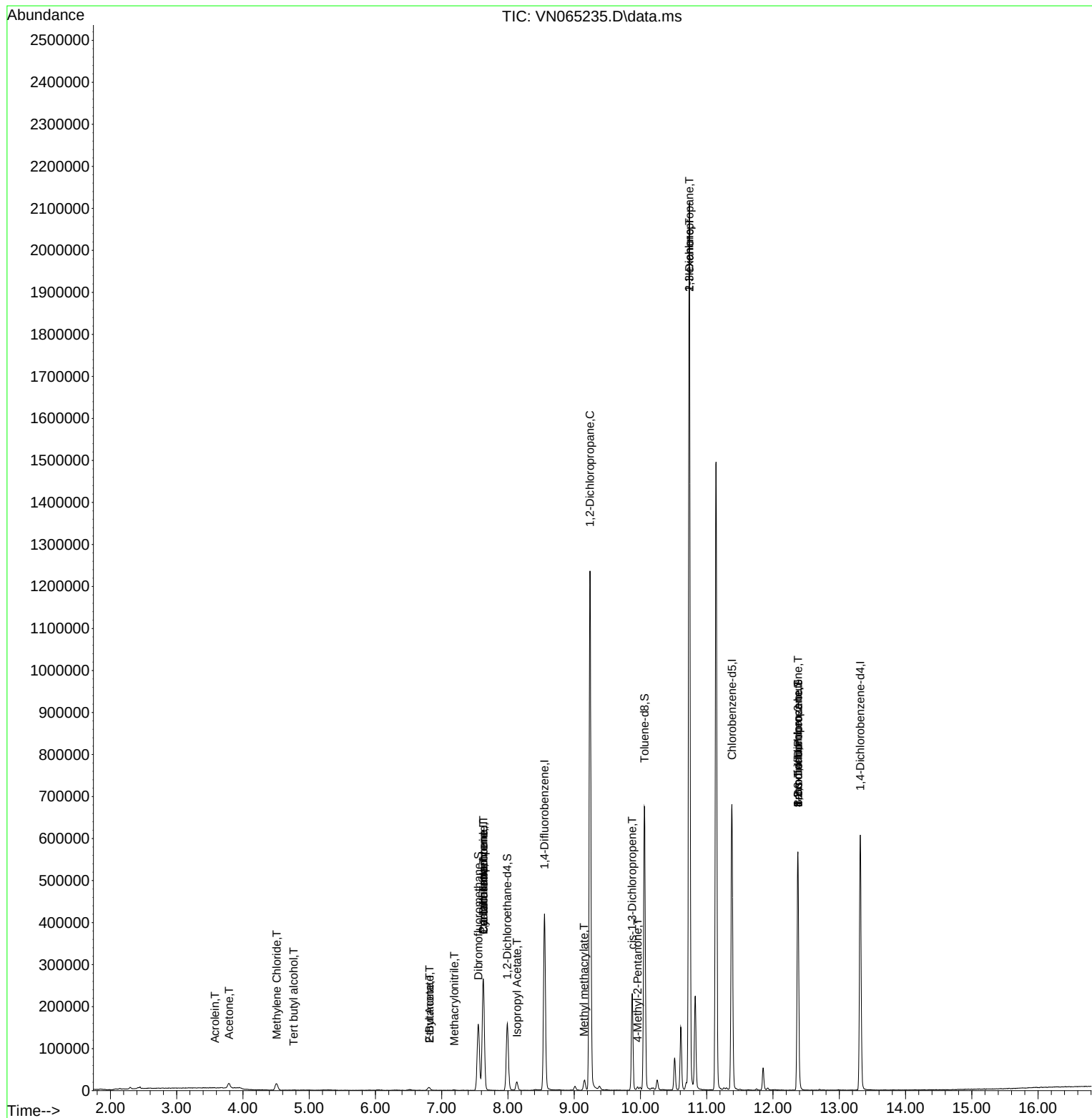
Internal Standards						
1) Pentafluorobenzene	7.627	168	234701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	389119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	406284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	180668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	140969	53.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.40%			
35) Dibromofluoromethane	7.553	113	121156	51.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.22%			
50) Toluene-d8	10.061	98	483923	55.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.00%			
62) 4-Bromofluorobenzene	12.376	95	196303	55.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.766	59	370	0.85	ug/l #	73
13) Acrolein	3.576	56	189	3.05	ug/l #	60
16) Acetone	3.788	43	17019	4.75	ug/l	98
20) Methylene Chloride	4.512	84	12572	4.86	ug/l	95
25) 2-Butanone	6.814	43	8143	5.47	ug/l	96
31) Cyclohexane	7.627	56	4444	1.14	ug/l #	14
36) 1,1-Dichloropropene	7.627	75	15361	4.34	ug/l #	50
37) Ethyl Acetate	6.814	43	8143	2.32	ug/l #	66
38) Carbon Tetrachloride	7.627	117	20751	5.58	ug/l #	15
41) Methacrylonitrile	7.190	41	539	0.30	ug/l #	29
43) Isopropyl Acetate	8.135	43	24031	3.98	ug/l	96
45) 1,2-Dichloropropane	9.238	63	1436	0.52	ug/l #	43
48) Methyl methacrylate	9.148	41	6434	2.19	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	5489	1.62	ug/l	94
54) cis-1,3-Dichloropropene	9.875	75	41858	8.92	ug/l #	62
57) 1,3-Dichloropropane	10.737	76	22225	5.13	ug/l #	42
59) 2-Hexanone	10.737	43	317258	126.99	ug/l #	48
71) Bromoform	12.376	173	1283	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	99059	26.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	99059	67.77	ug/l #	15

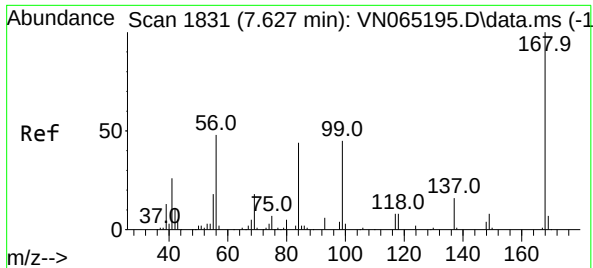
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

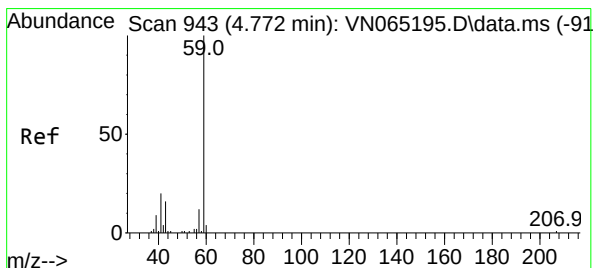
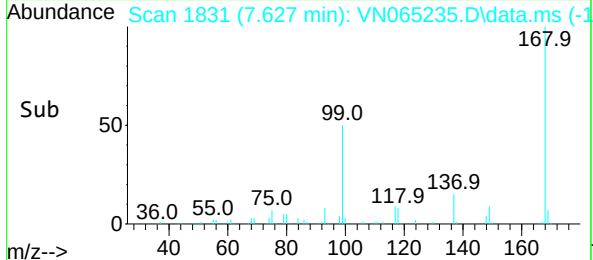
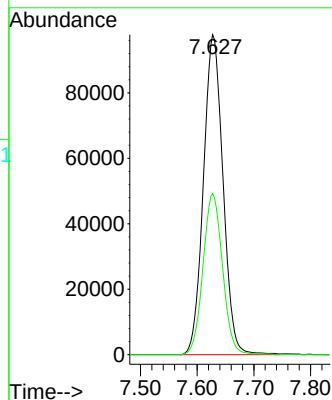
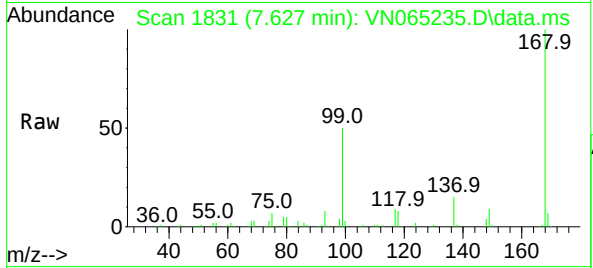




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

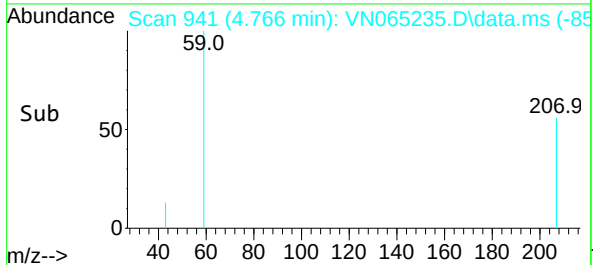
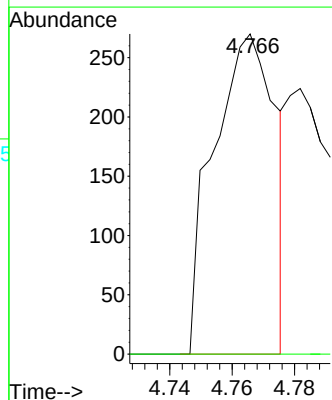
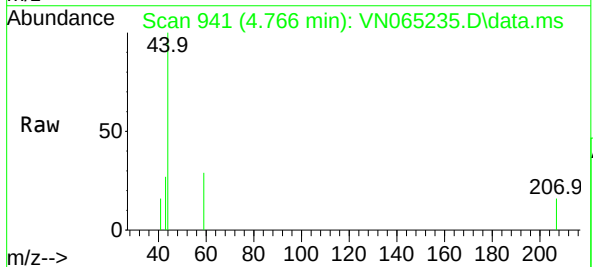
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

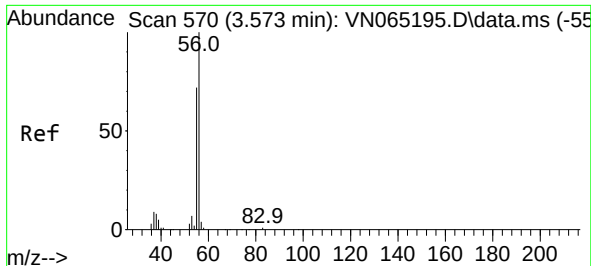
Tgt Ion:168 Resp: 234701
Ion Ratio Lower Upper
168 100
99 50.3 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.85 ug/l
RT: 4.766 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

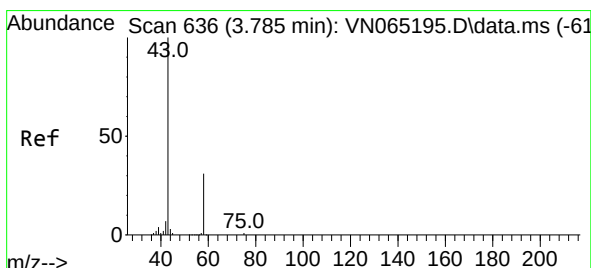
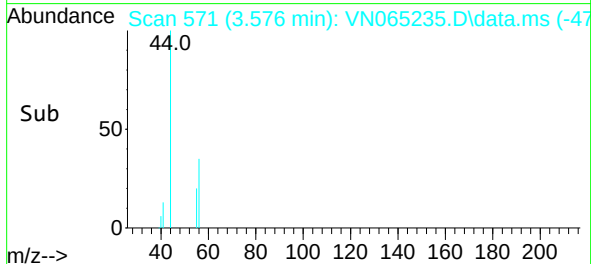
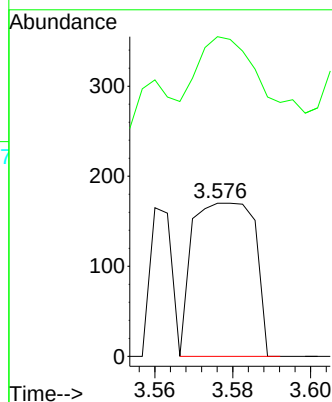
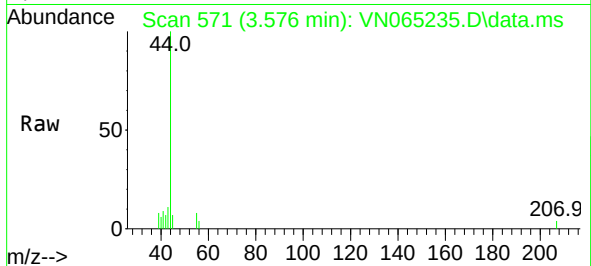




#13
Acrolein
Concen: 3.05 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

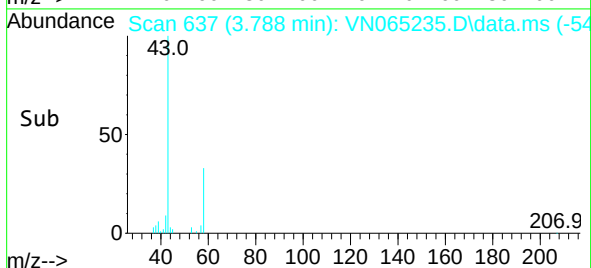
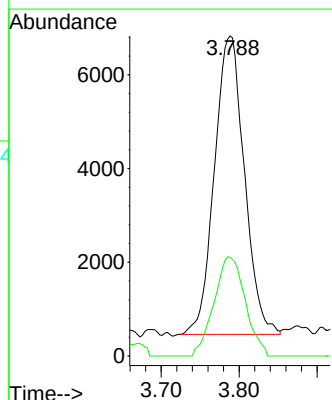
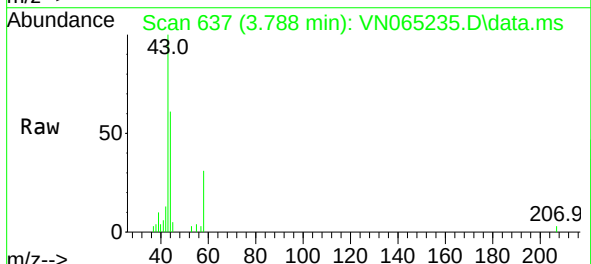
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

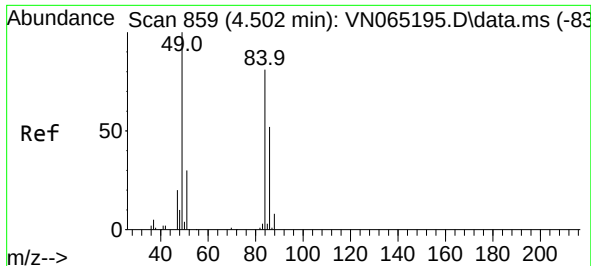
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 103.7 56.5 84.7#



#16
Acetone
Concen: 4.75 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

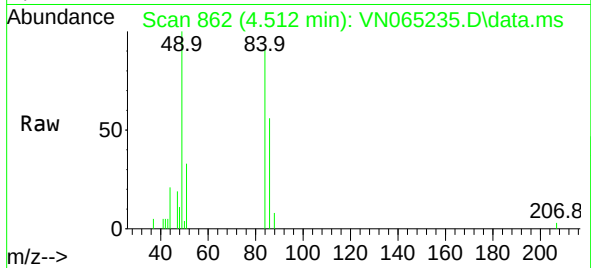
Tgt Ion: 43 Resp: 17019
Ion Ratio Lower Upper
43 100
58 33.1 25.7 38.5



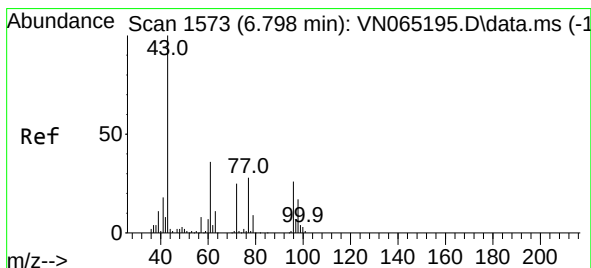
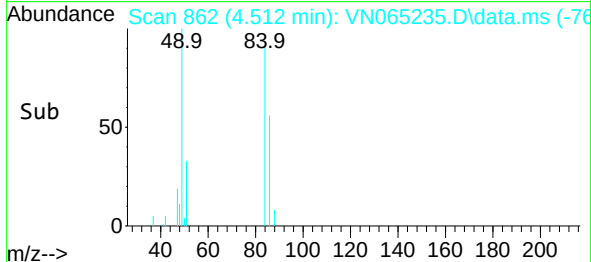
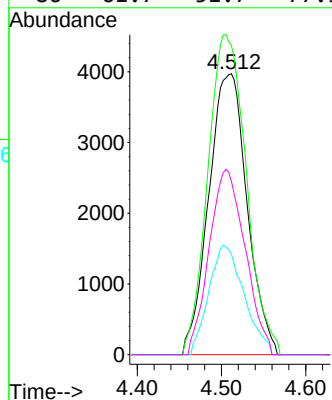


#20
Methylene Chloride
Concen: 4.86 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

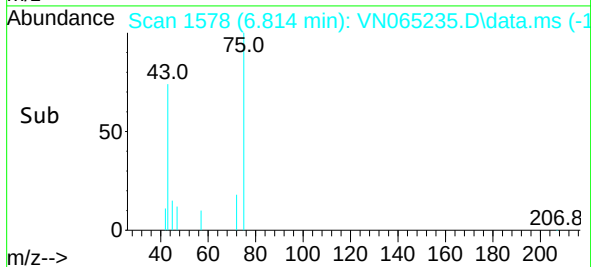
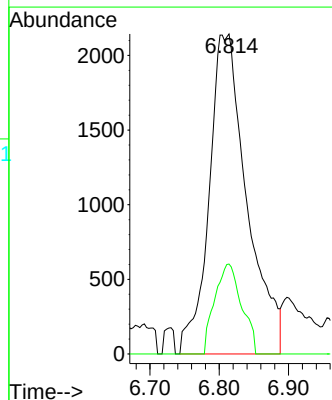
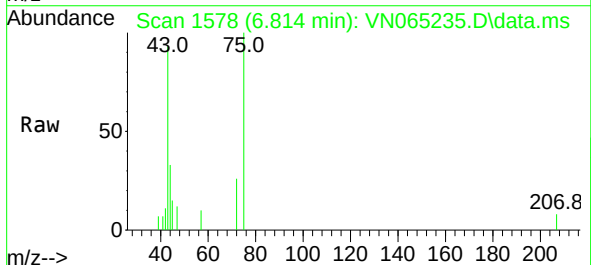


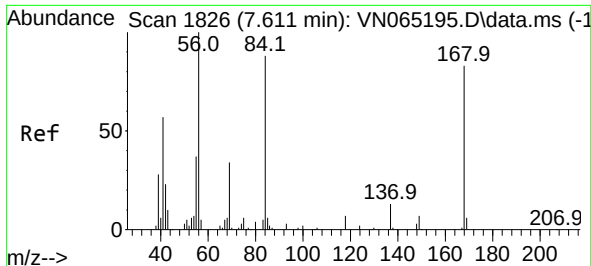
Tgt Ion:	84	Resp:	12572
Ion	Ratio	Lower	Upper
84	100		
49	110.0	93.4	140.0
51	35.8	28.2	42.4
86	61.7	51.7	77.5



#25
2-Butanone
Concen: 5.47 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

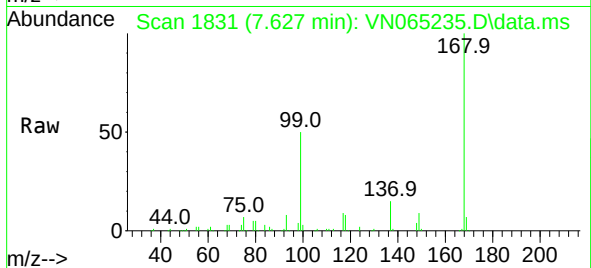
Tgt Ion:	43	Resp:	8143
Ion	Ratio	Lower	Upper
43	100		
72	28.1	21.0	31.6



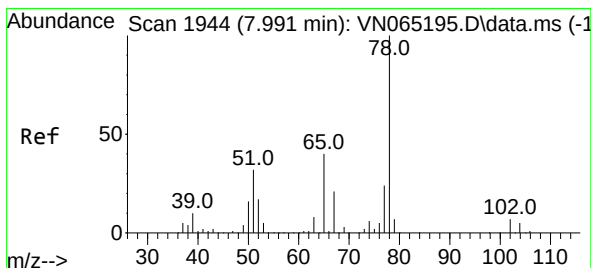
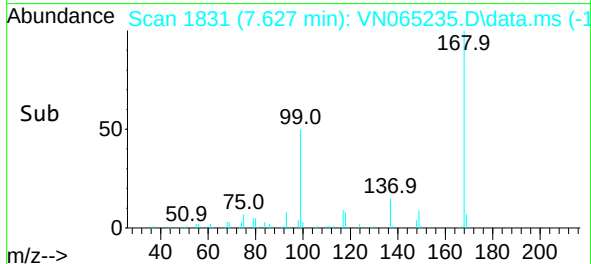
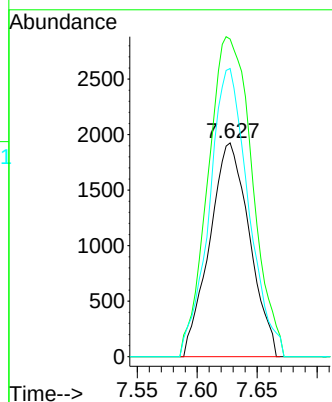


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

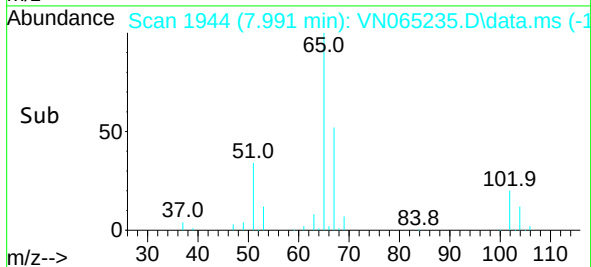
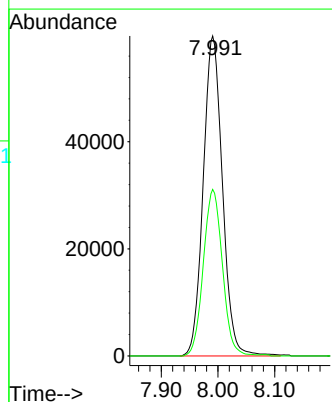
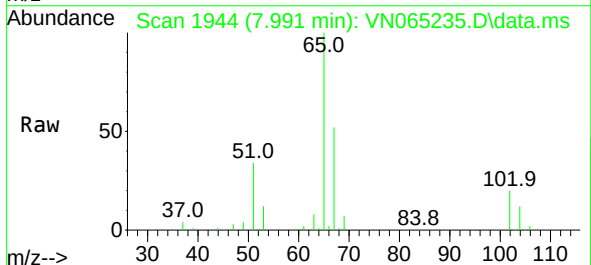


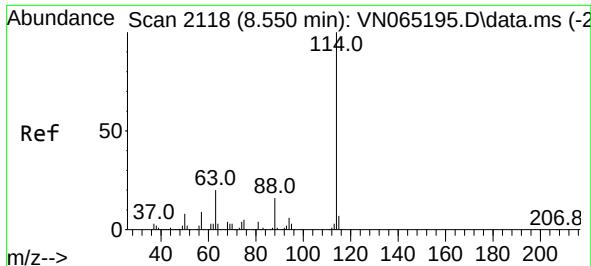
Tgt Ion: 56 Resp: 4444
Ion Ratio Lower Upper
56 100
69 148.5 27.5 41.3#
84 134.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 53.20 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

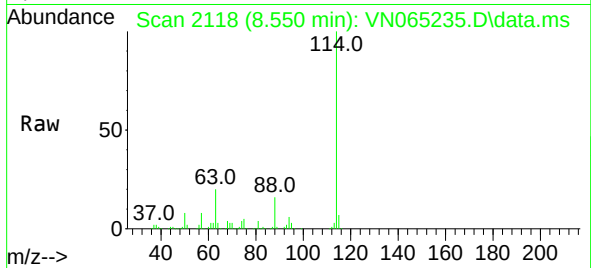
Tgt Ion: 65 Resp: 140969
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.2



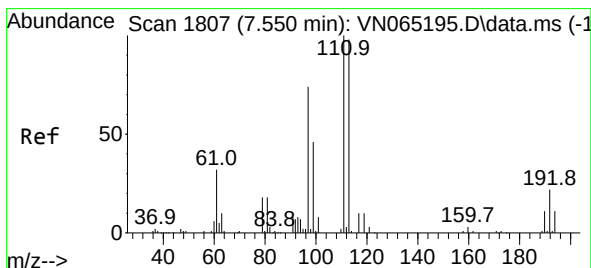
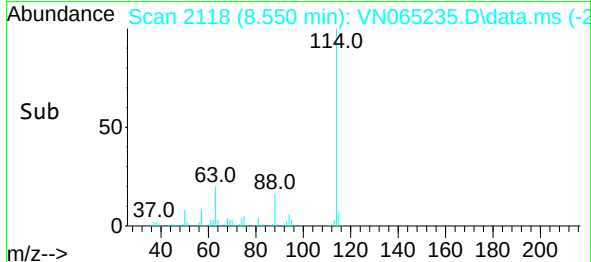
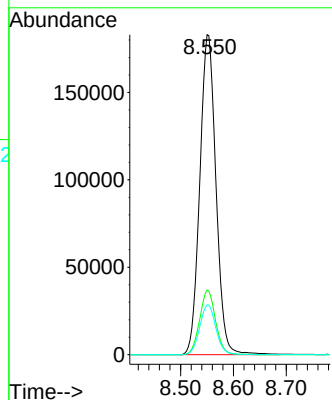


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
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ClientSampleId :
PB133762ZHE#03

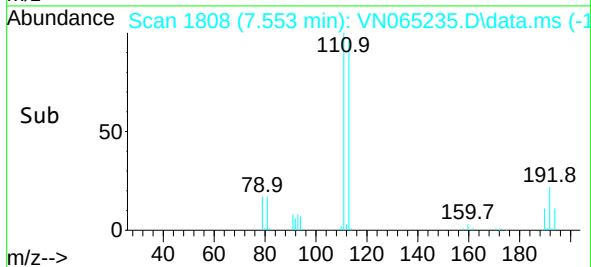
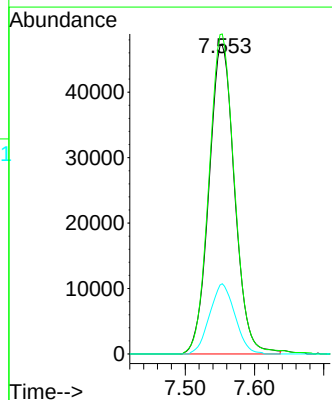
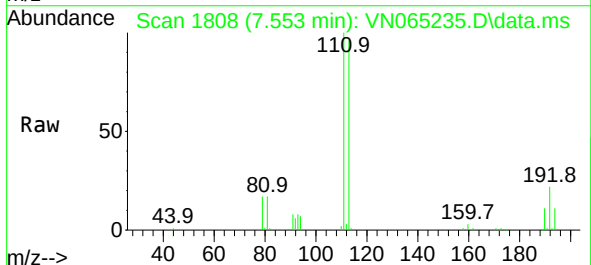


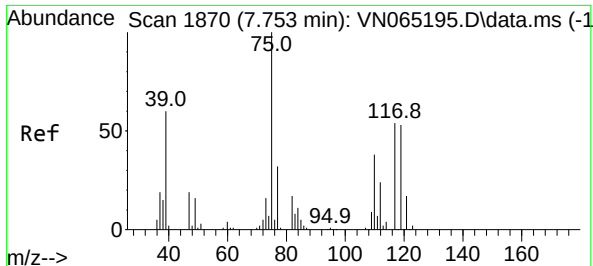
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.6
88	15.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

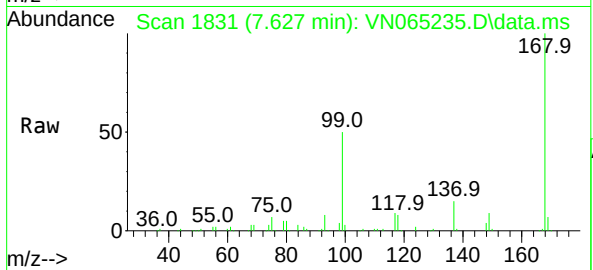
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	22.4	16.2	24.2



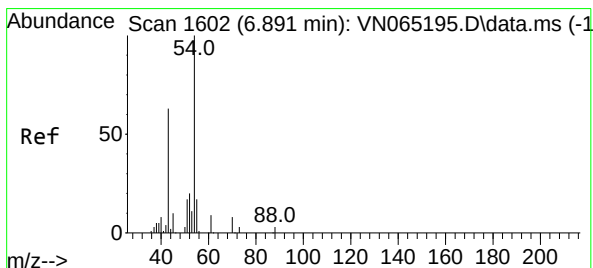
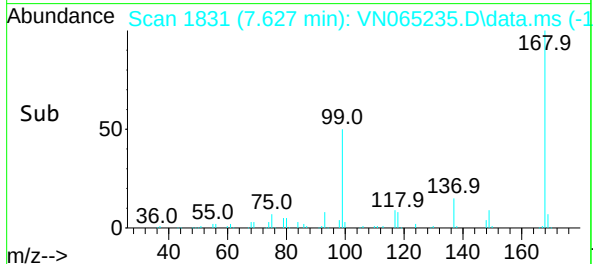
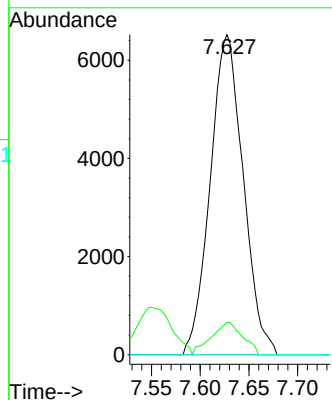


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
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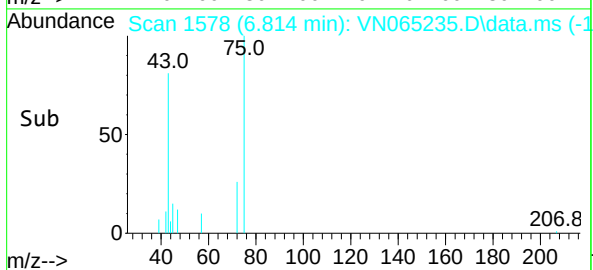
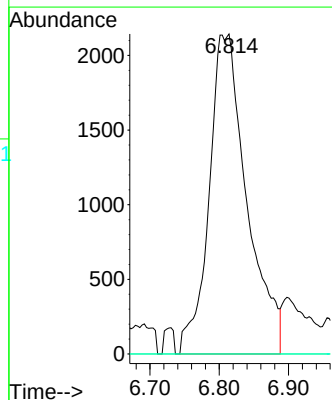
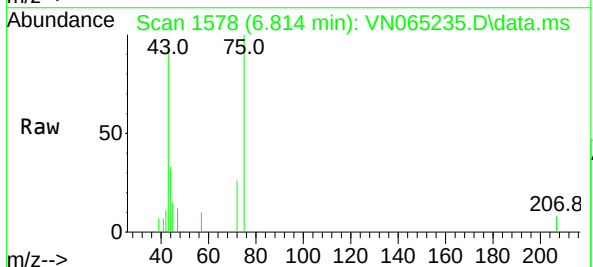


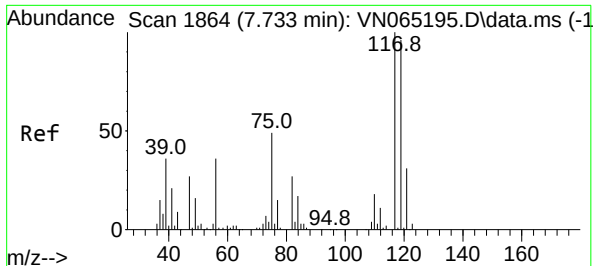
Tgt Ion: 75 Resp: 15361
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.32 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. -0.077 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

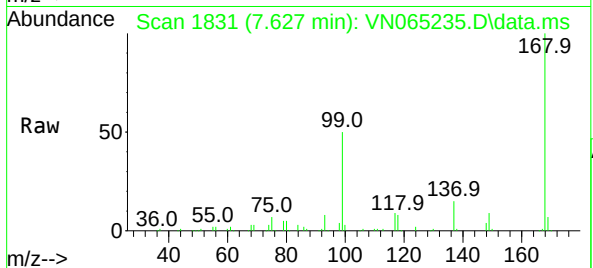
Tgt Ion: 43 Resp: 8143
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



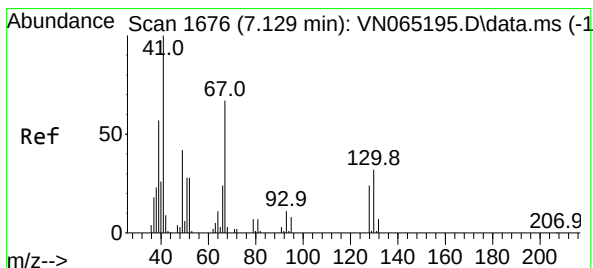
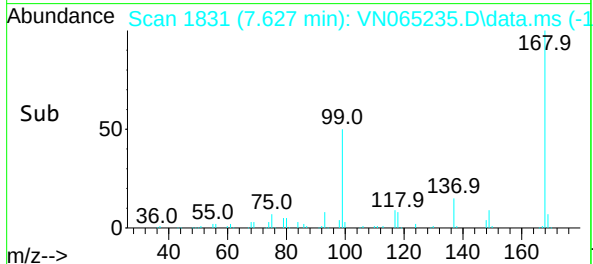
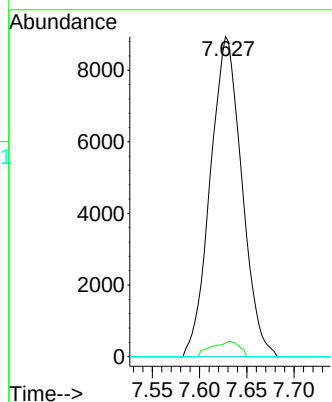


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

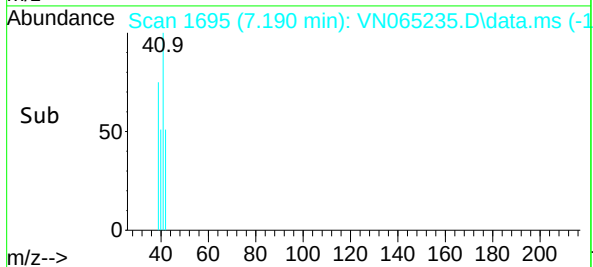
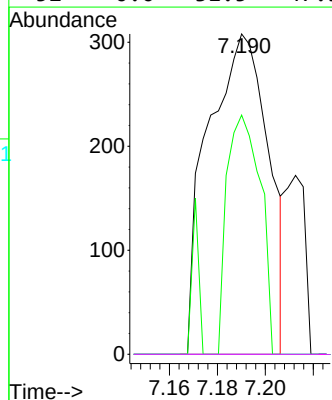
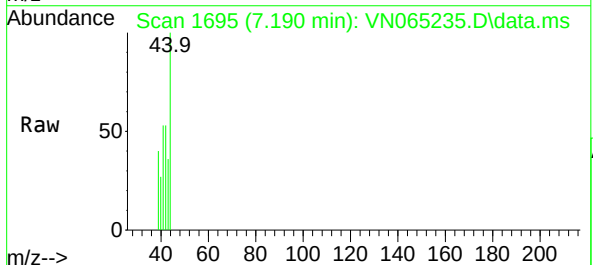


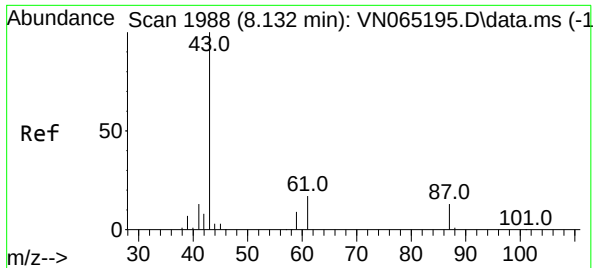
Tgt Ion:	117	Resp:	20751
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.7	115.1#
121	0.0	25.4	38.2#



#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.061 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion:	41	Resp:	539
Ion	Ratio	Lower	Upper
41	100		
39	41.4	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#

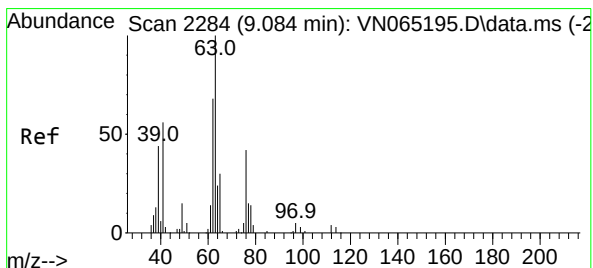
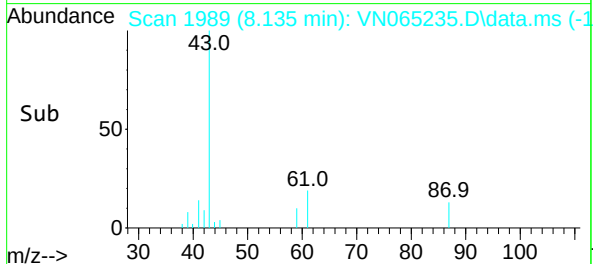
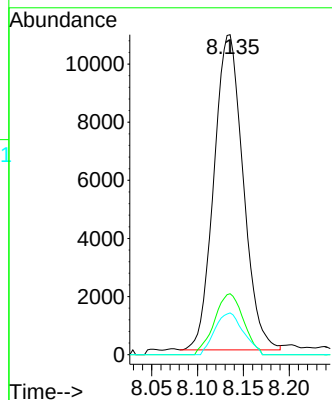
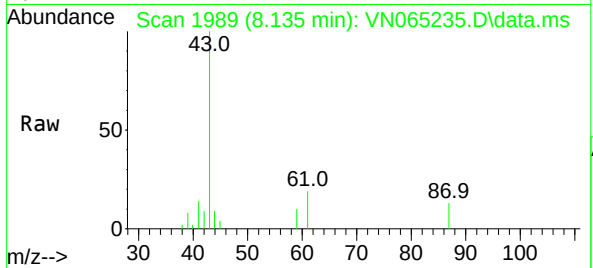




#43
Isopropyl Acetate
Concen: 3.98 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

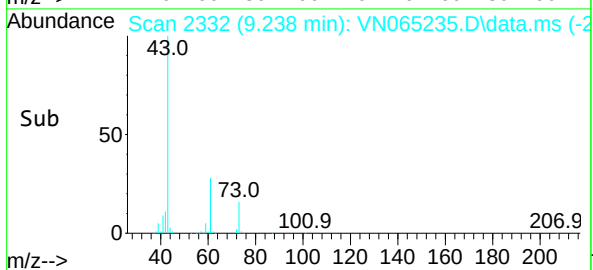
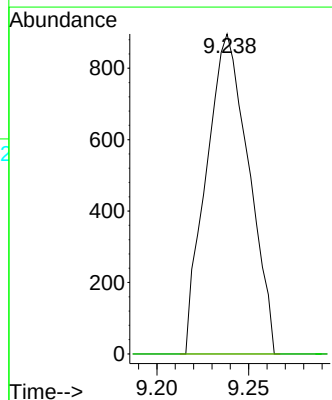
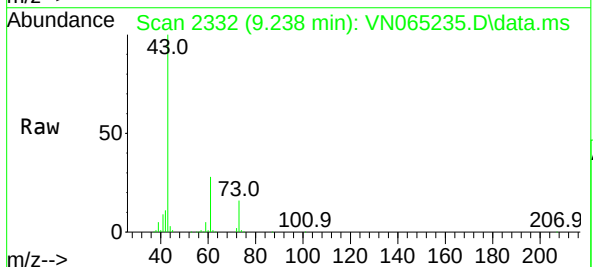
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

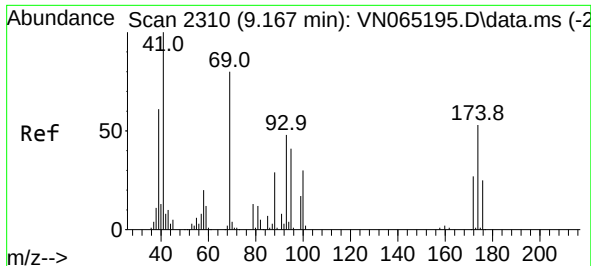
Tgt Ion:	43	Resp:	24031
Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.2	25.8
87	12.9	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion:	63	Resp:	1436
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

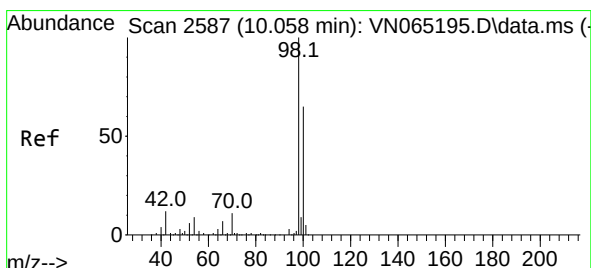
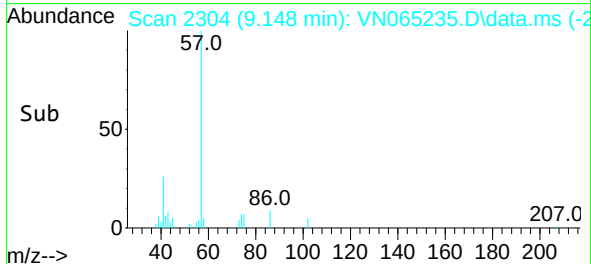
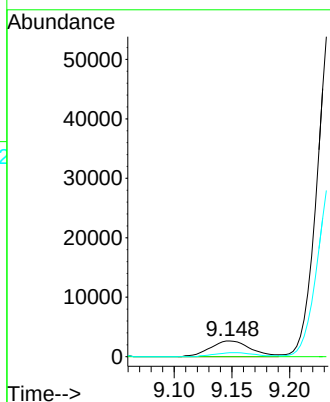
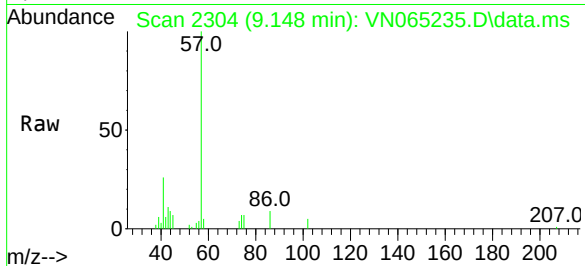




#48
Methyl methacrylate
Concen: 2.19 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

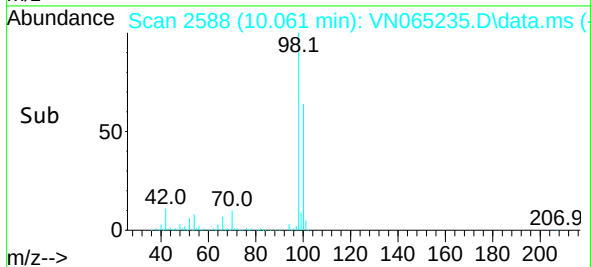
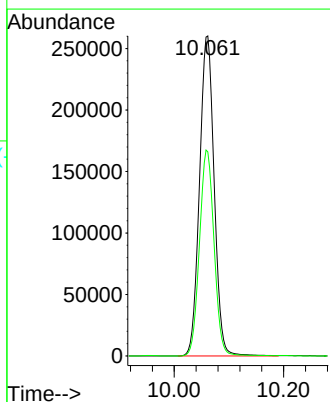
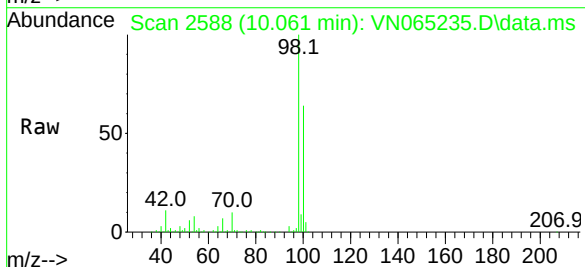
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

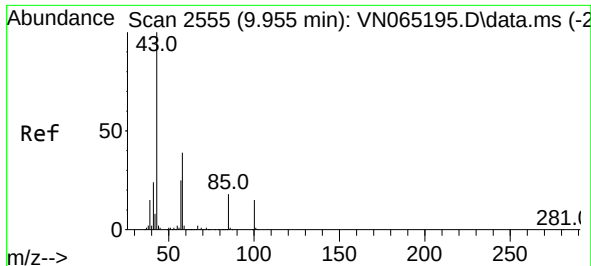
Tgt Ion: 41 Resp: 6434
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.00 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 98 Resp: 483923
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

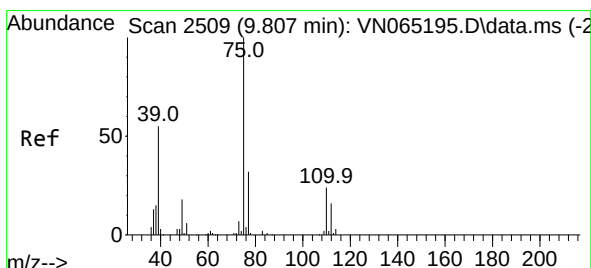
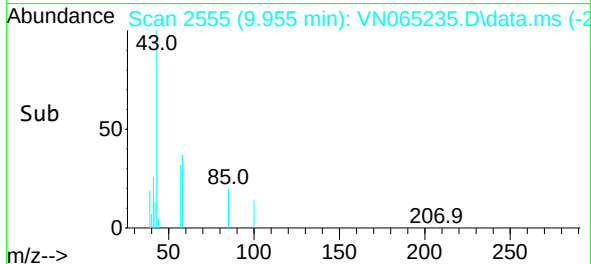
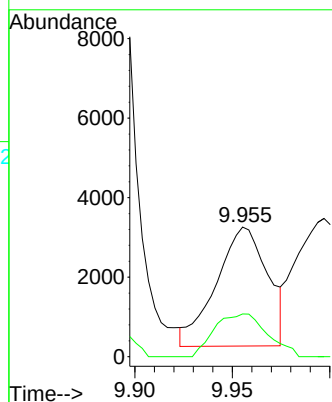
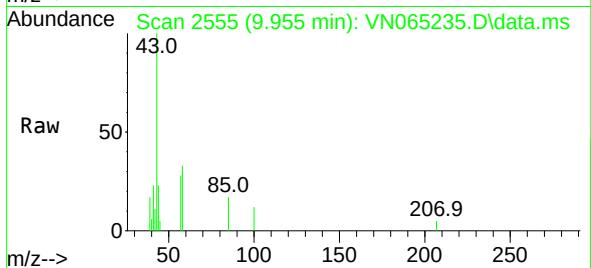




#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

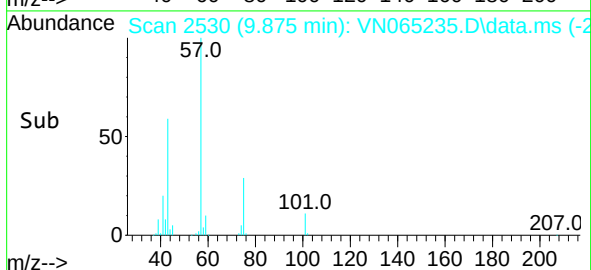
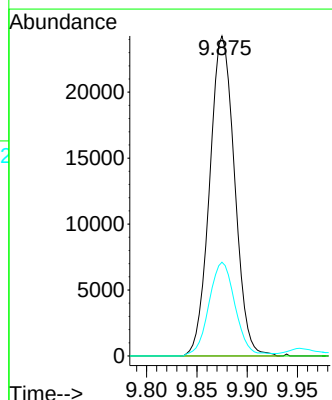
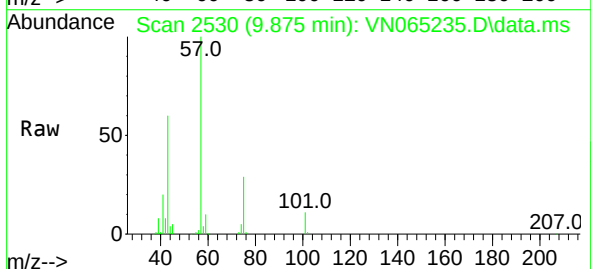
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

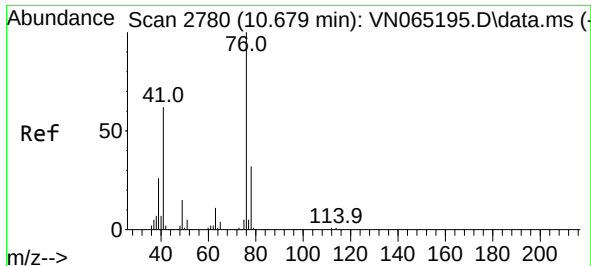
Tgt Ion: 43 Resp: 5489
Ion Ratio Lower Upper
43 100
58 37.0 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 8.92 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 75 Resp: 41858
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 29.3 35.6 53.4#

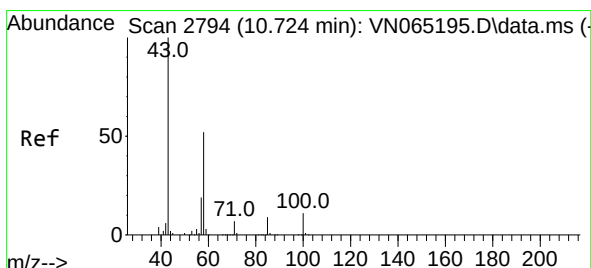
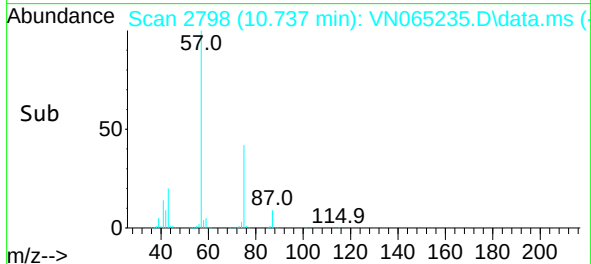
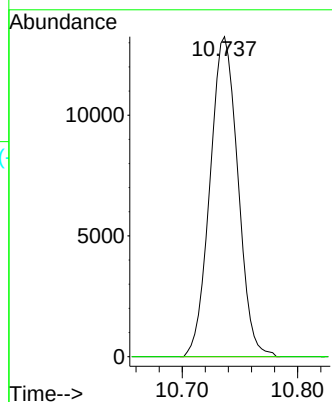
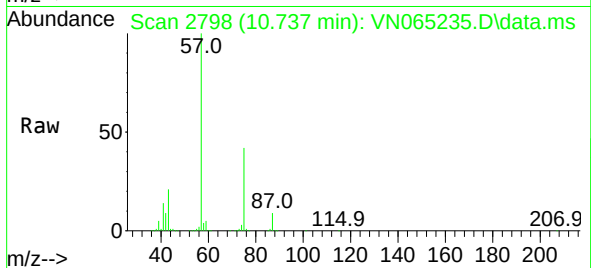




#57
1,3-Dichloropropane
Concen: 5.13 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

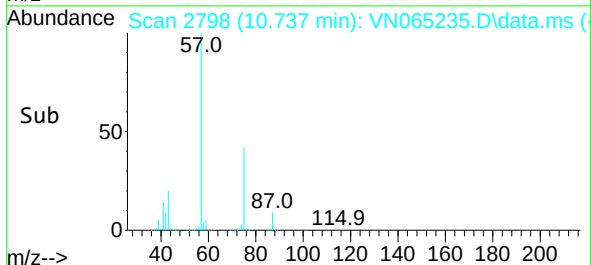
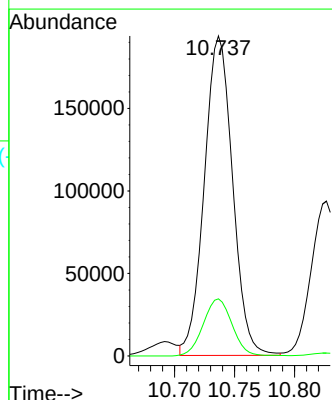
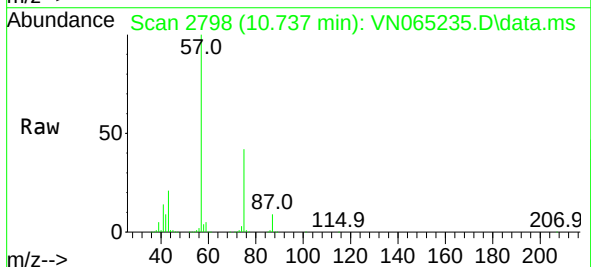
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

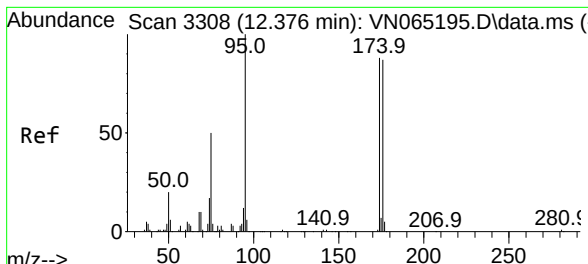
Tgt Ion: 76 Resp: 22225
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 126.99 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

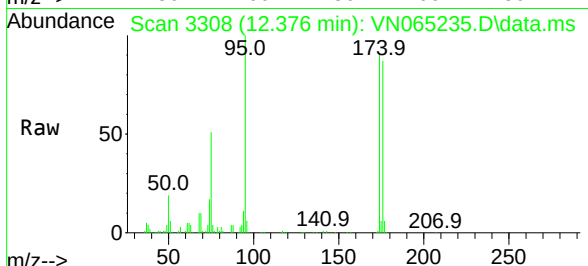
Tgt Ion: 43 Resp: 317258
Ion Ratio Lower Upper
43 100
58 18.3 28.3 84.9#



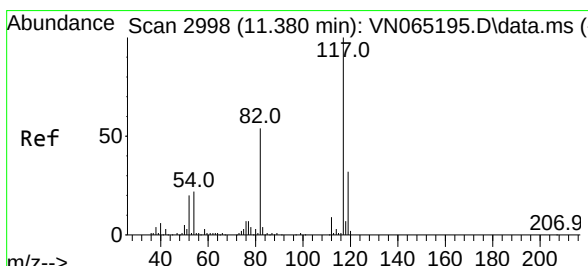
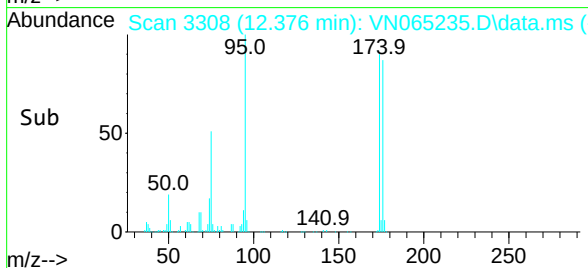
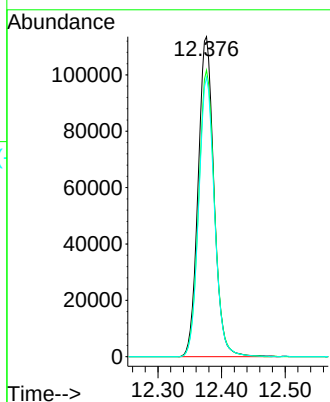


#62
 4-Bromofluorobenzene
 Concen: 55.76 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.000 min
 Lab File: VN065235.D
 Acq: 23 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762ZHE#03

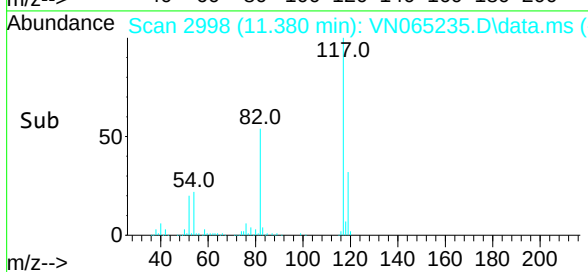
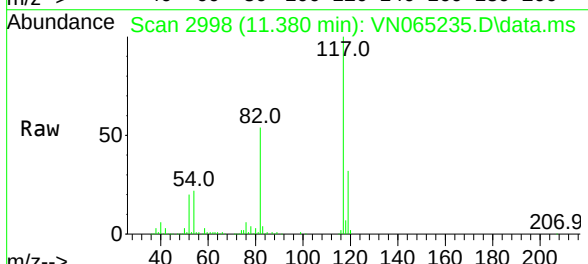
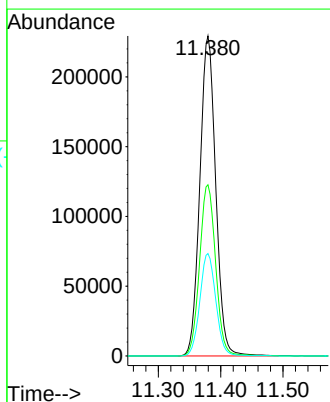


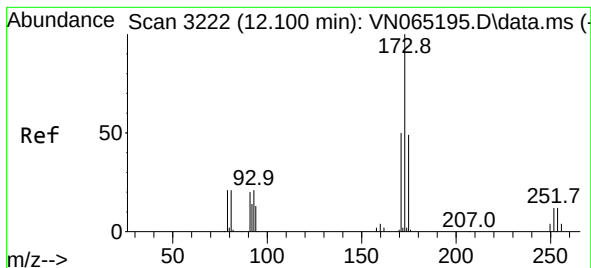
Tgt Ion:	95	Resp:	196303
Ion Ratio	Lower	Upper	
95	100		
174	89.9	0.0	160.4
176	86.9	0.0	158.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.380 min Scan# 2998
 Delta R.T. -0.000 min
 Lab File: VN065235.D
 Acq: 23 Dec 2020 15:14

Tgt Ion:	117	Resp:	406284
Ion Ratio	Lower	Upper	
117	100		
82	53.5	44.2	66.2
119	32.0	25.8	38.6





#71

Bromoform

Concen: 0.46 ug/l

RT: 12.376 min Scan# 3308

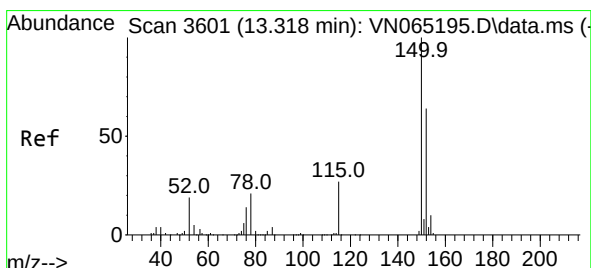
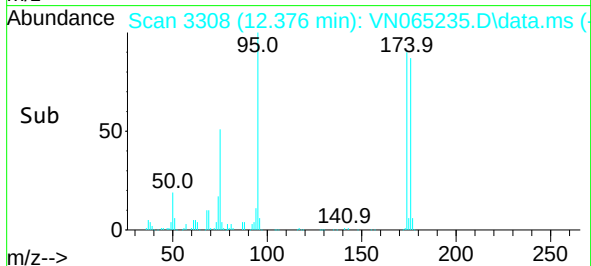
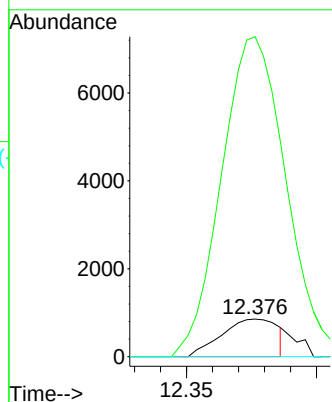
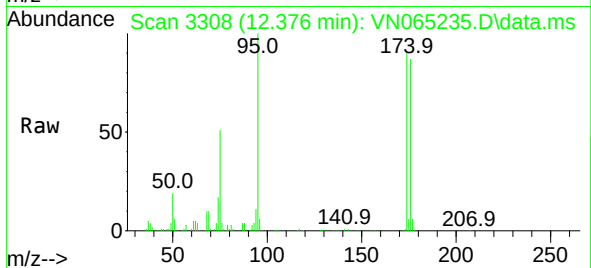
Delta R.T. 0.276 min

Lab File: VN065235.D

Acq: 23 Dec 2020 15:14

Tgt Ion:	173	Resp:	1283
Ion Ratio	Lower	Upper	
173	100		
175	823.9	24.3	72.8#
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

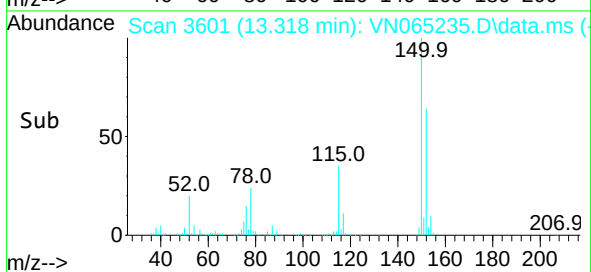
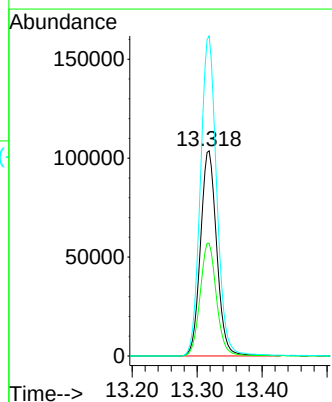
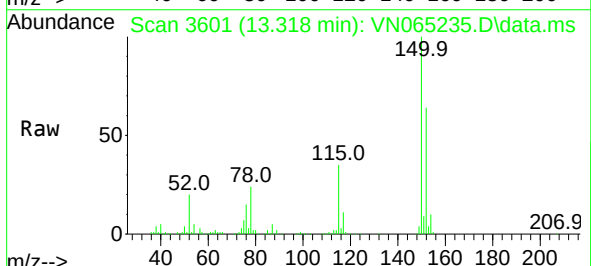
RT: 13.318 min Scan# 3601

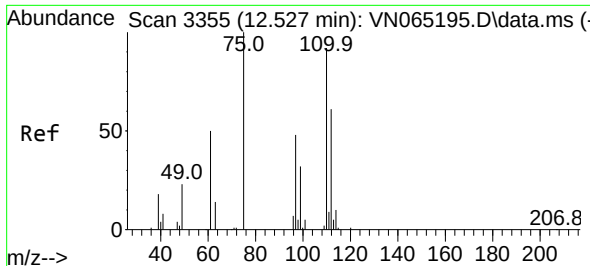
Delta R.T. 0.000 min

Lab File: VN065235.D

Acq: 23 Dec 2020 15:14

Tgt Ion:	152	Resp:	180668
Ion Ratio	Lower	Upper	
152	100		
115	55.4	29.7	89.1
150	156.5	0.0	350.6

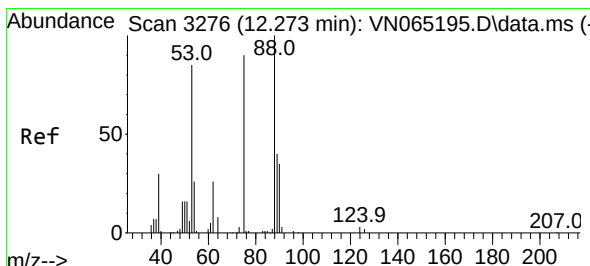
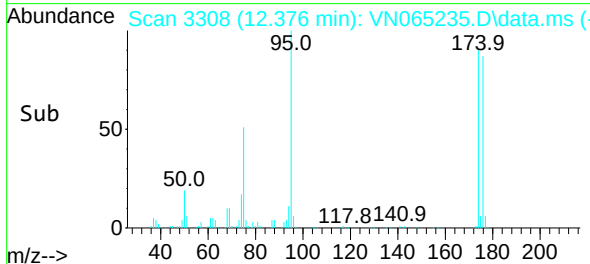
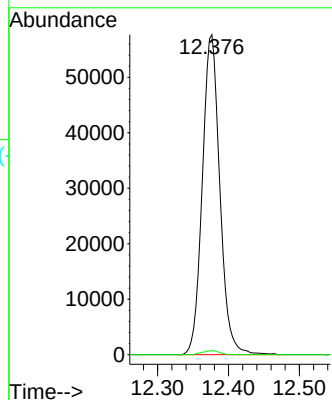
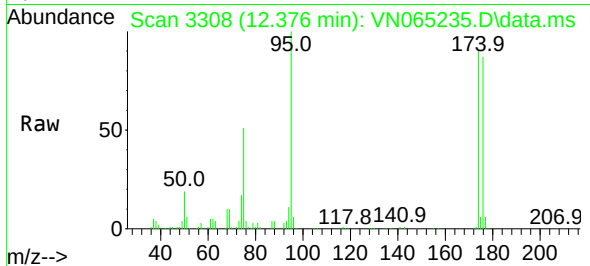




#76
1,2,3-Trichloropropane
Concen: 26.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#03

Tgt Ion: 75 Resp: 99059
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065235.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 75 Resp: 99059
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

