

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065237.D
 Acq On : 23 Dec 2020 16:03
 Operator : JC/MD
 Sample : PB133762ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762ZHE#05

Quant Time: Dec 24 04:21:42 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)

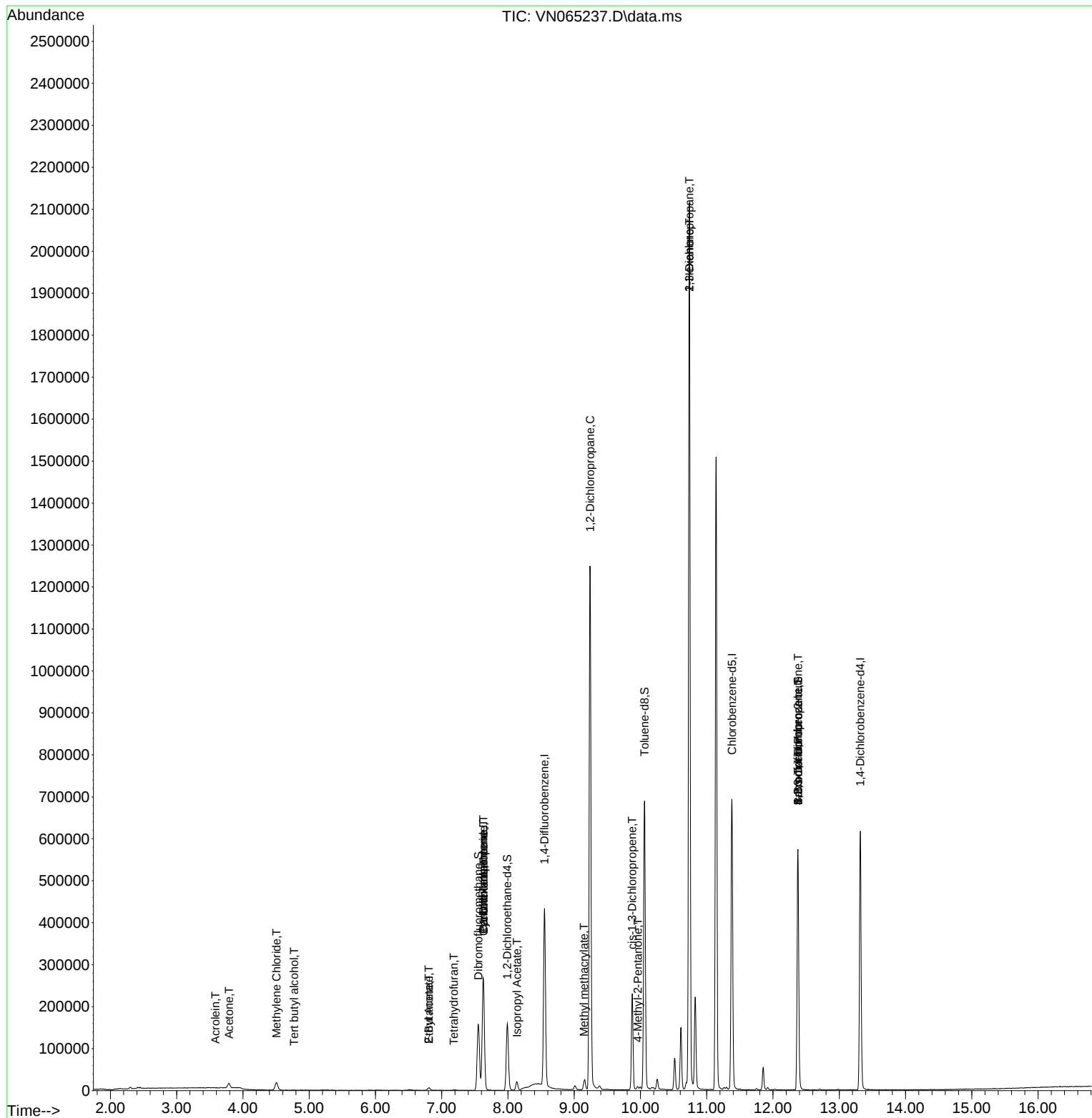
Internal Standards						
1) Pentafluorobenzene	7.627	168	236813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	392569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	413181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	141366	52.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.76%			
35) Dibromofluoromethane	7.553	113	121267	51.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.40%			
50) Toluene-d8	10.061	98	489671	55.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.32%			
62) 4-Bromofluorobenzene	12.376	95	195364	55.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.14%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.772	59	163	0.37	ug/l #	73
13) Acrolein	3.586	56	93	2.72	ug/l	91
16) Acetone	3.788	43	17356	4.92	ug/l	98
20) Methylene Chloride	4.505	84	13878	5.32	ug/l	93
25) 2-Butanone	6.804	43	6511	4.34	ug/l	99
29) Tetrahydrofuran	7.184	42	1030	1.06	ug/l #	37
31) Cyclohexane	7.630	56	4208	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16302	4.57	ug/l #	49
37) Ethyl Acetate	6.804	43	6511	1.84	ug/l #	66
38) Carbon Tetrachloride	7.627	117	20234	5.40	ug/l #	16
43) Isopropyl Acetate	8.135	43	24117	3.95	ug/l	97
45) 1,2-Dichloropropane	9.241	63	1467	0.53	ug/l #	43
48) Methyl methacrylate	9.148	41	6645	2.24	ug/l #	12
51) 4-Methyl-2-Pentanone	9.958	43	5522	1.61	ug/l	94
54) cis-1,3-Dichloropropene	9.875	75	41838	8.84	ug/l #	62
57) 1,3-Dichloropropane	10.736	76	22447	5.14	ug/l #	42
59) 2-Hexanone	10.736	43	317086	125.81	ug/l #	48
71) Bromoform	12.376	173	1252	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100268	26.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100268	67.66	ug/l #	15

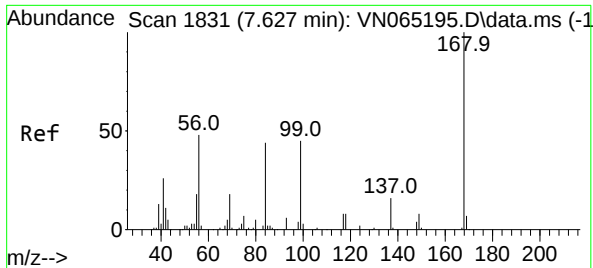
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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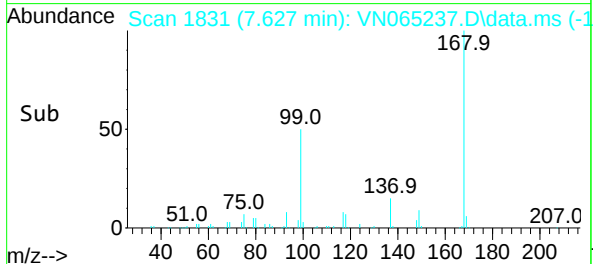
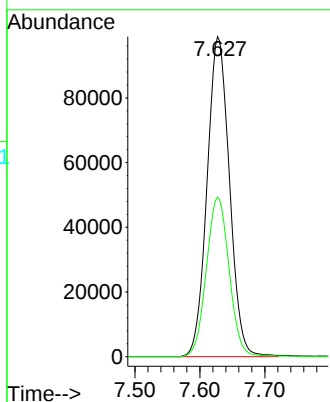
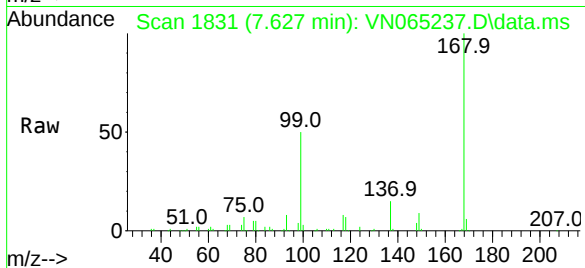




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

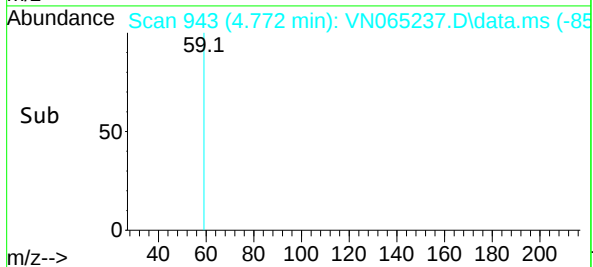
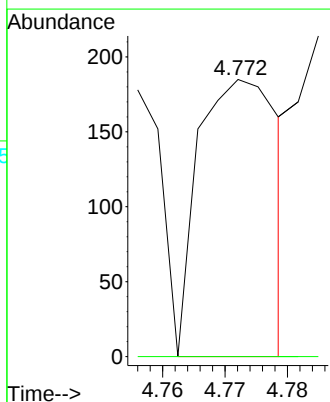
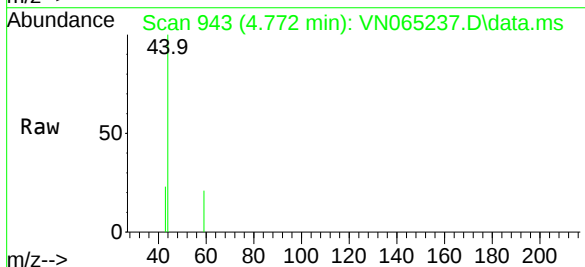
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

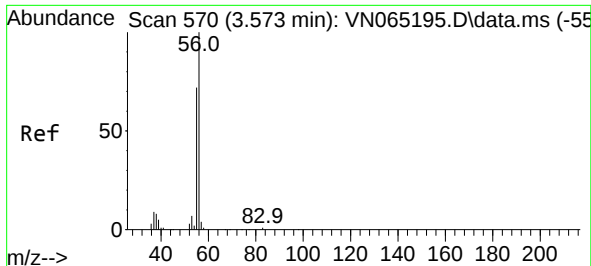
Tgt Ion:168 Resp: 236813
Ion Ratio Lower Upper
168 100
99 49.9 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 4.772 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

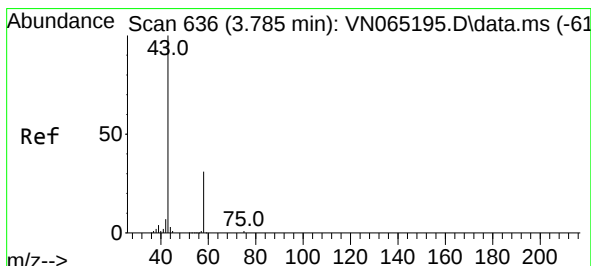
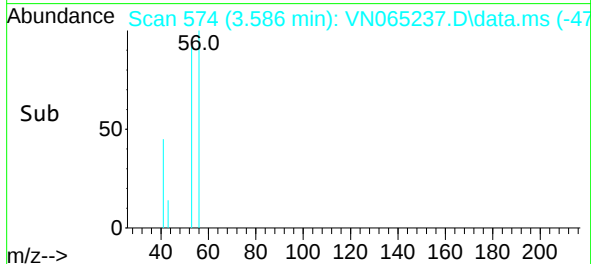
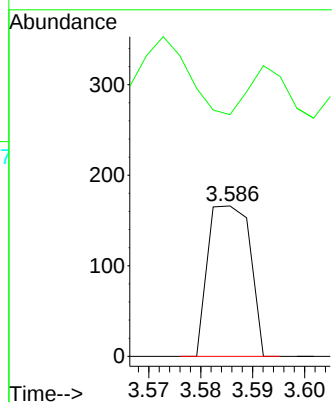
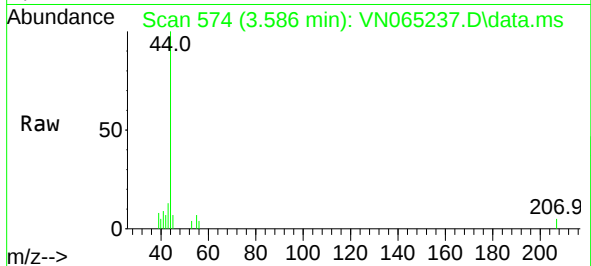




#13
Acrolein
Concen: 2.72 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.013 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

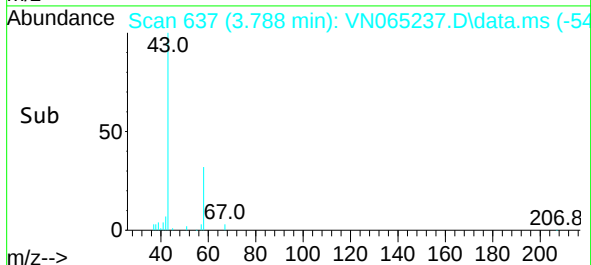
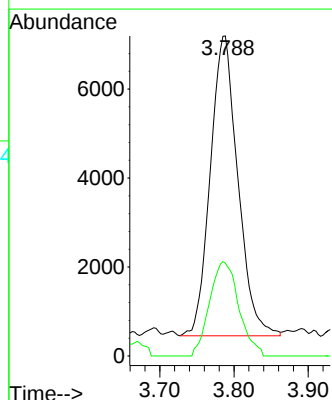
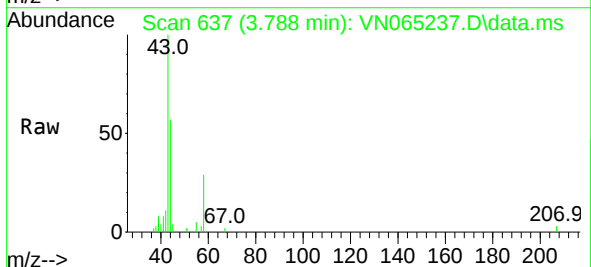
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

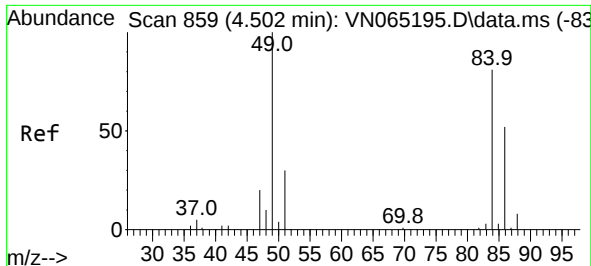
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 63.4 56.5 84.7



#16
Acetone
Concen: 4.92 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
58 31.0 25.7 38.5

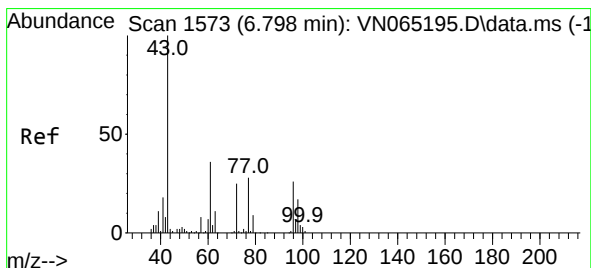
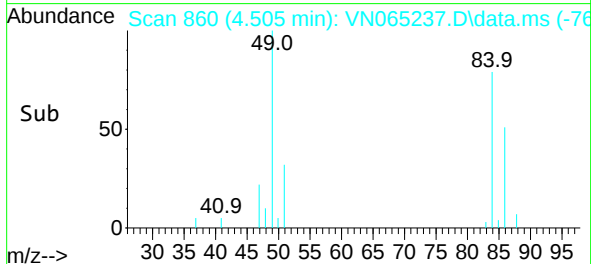
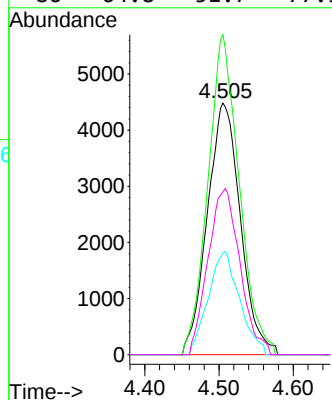
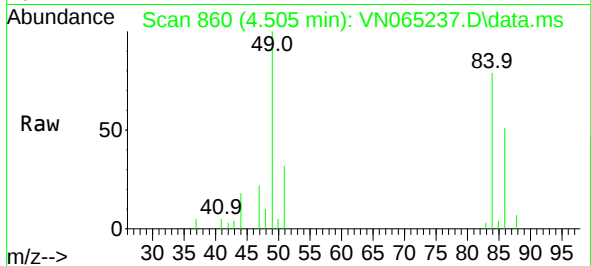




#20
Methylene Chloride
Concen: 5.32 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

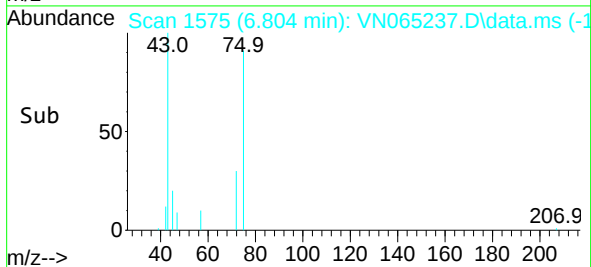
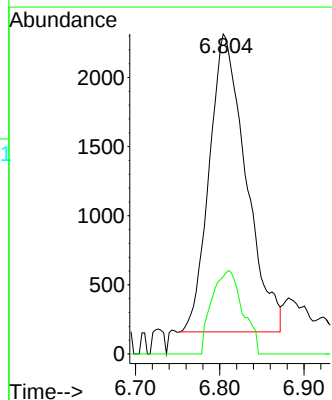
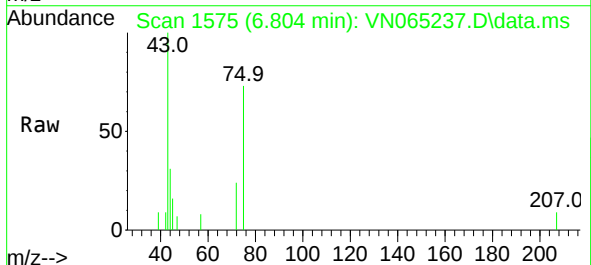
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

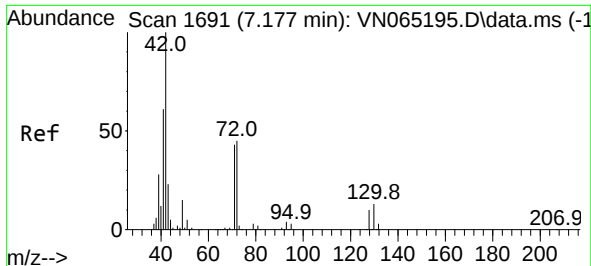
Tgt Ion:	84	Resp:	13878
Ion	Ratio	Lower	Upper
84	100		
49	127.2	93.4	140.0
51	40.4	28.2	42.4
86	64.8	51.7	77.5



#25
2-Butanone
Concen: 4.34 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion:	43	Resp:	6511
Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.0	31.6





#29

Tetrahydrofuran

Concen: 1.06 ug/l

RT: 7.184 min Scan# 1693

Delta R.T. 0.007 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

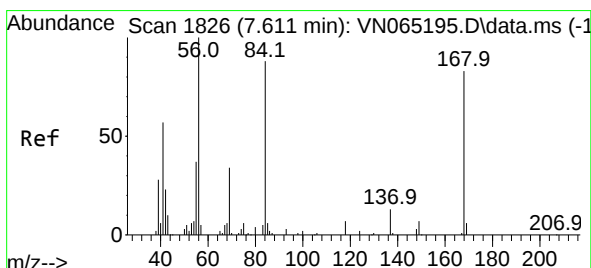
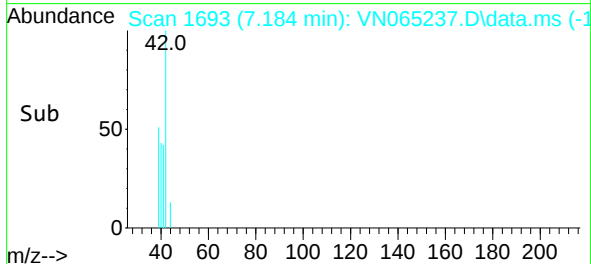
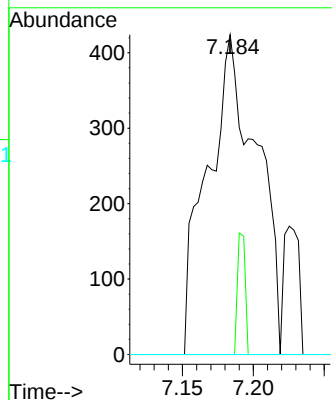
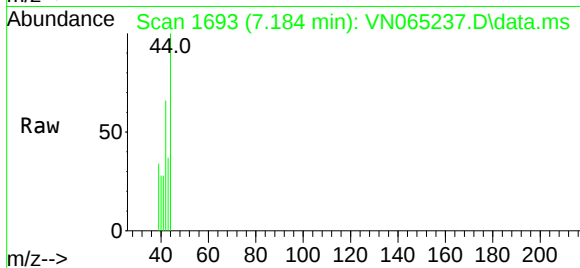
Instrument :

MSVOA_N

ClientSampleId :

PB133762ZHE#05

Tgt Ion: 42	Resp: 1030
Ion Ratio	Lower Upper
42	100
72	5.9 36.6 54.8#
71	0.0 33.6 50.4#



#31

Cyclohexane

Concen: 1.07 ug/l

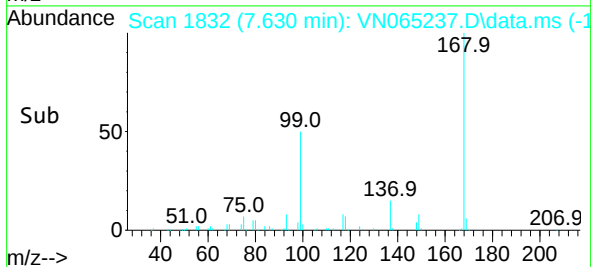
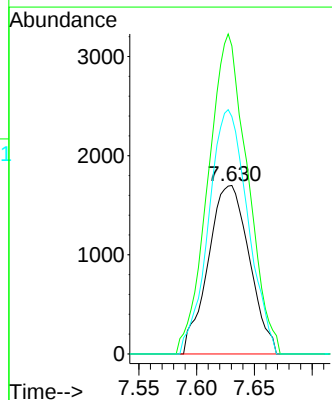
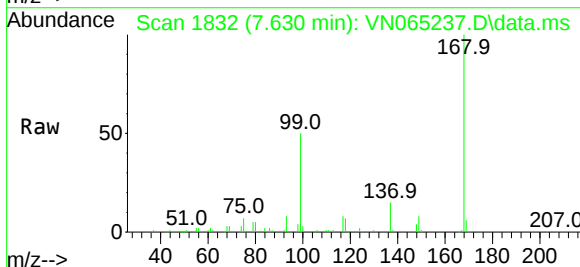
RT: 7.630 min Scan# 1832

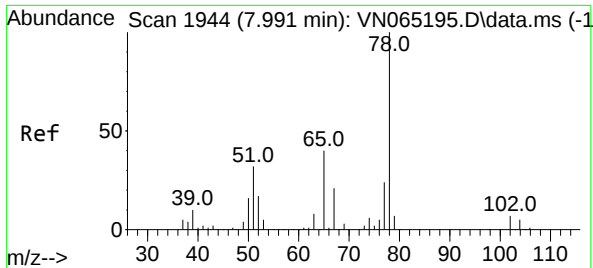
Delta R.T. 0.019 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

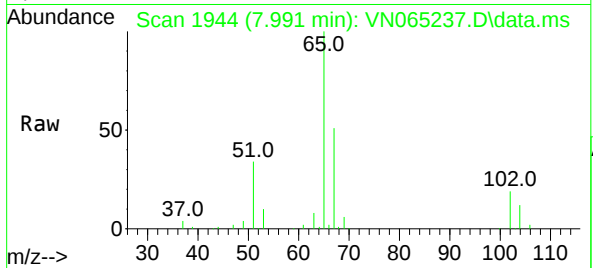
Tgt Ion: 56	Resp: 4208
Ion Ratio	Lower Upper
56	100
69	182.9 27.5 41.3#
84	140.8 73.9 110.9#



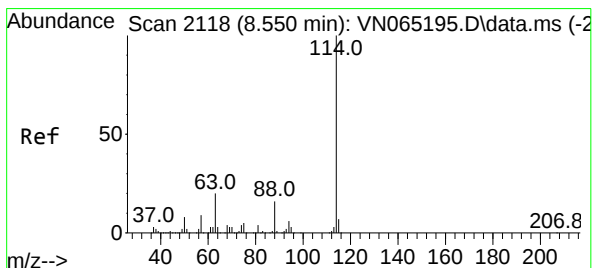
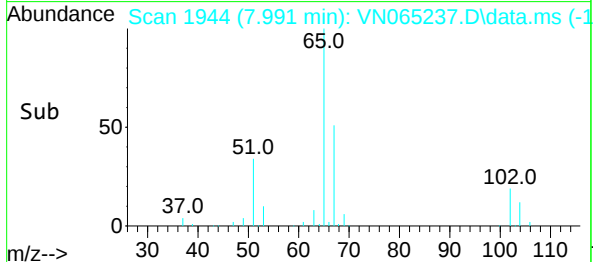
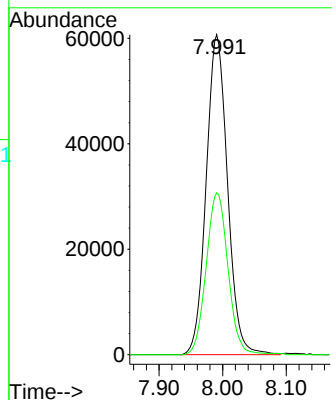


#33
1,2-Dichloroethane-d4
Concen: 52.88 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Instrument :
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PB133762ZHE#05

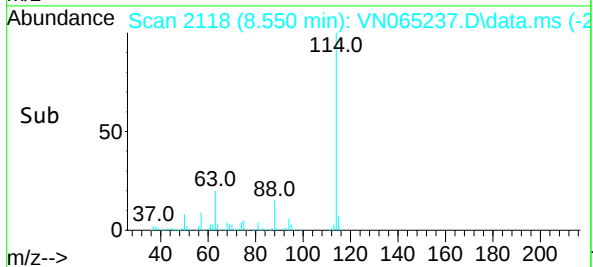
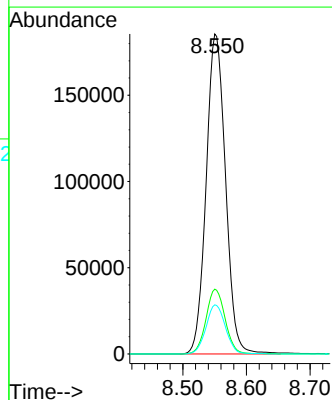
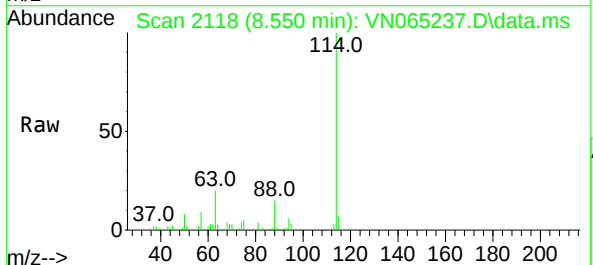


Tgt Ion: 65 Resp: 141366
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 114 Resp: 392569
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.20 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

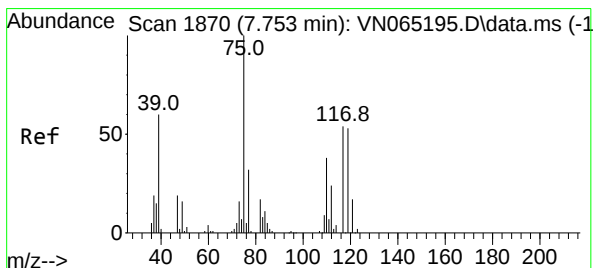
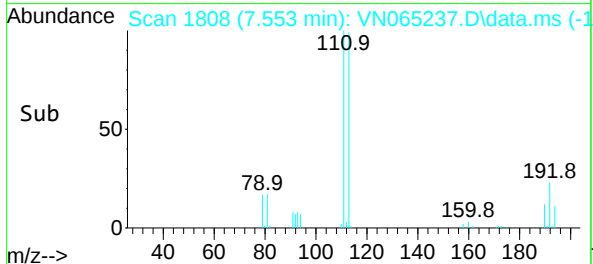
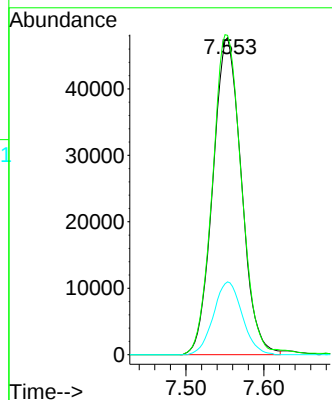
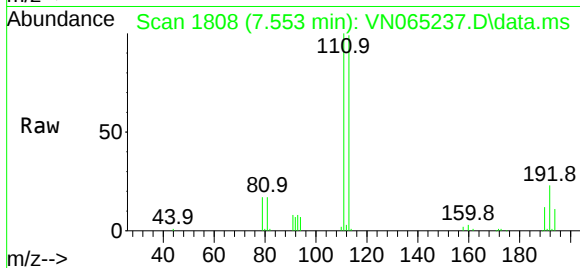
Tgt Ion:113 Resp: 121267

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

192 23.1 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

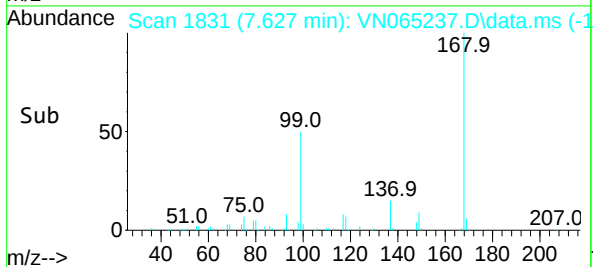
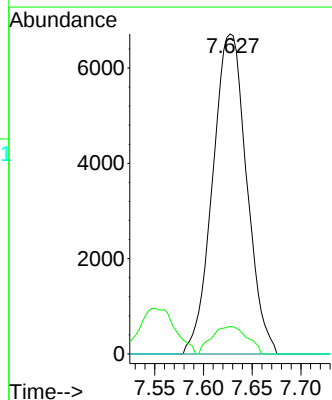
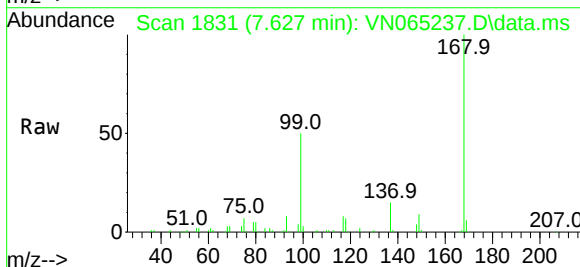
Tgt Ion: 75 Resp: 16302

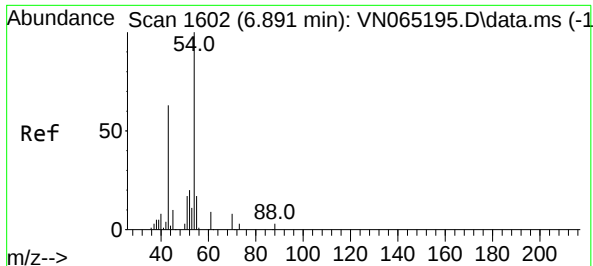
Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.84 ug/l

RT: 6.804 min Scan# 1575

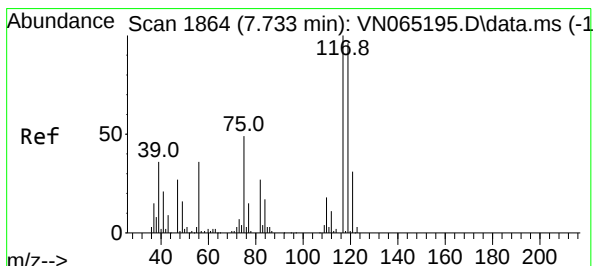
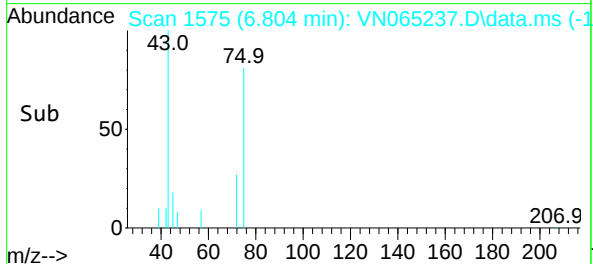
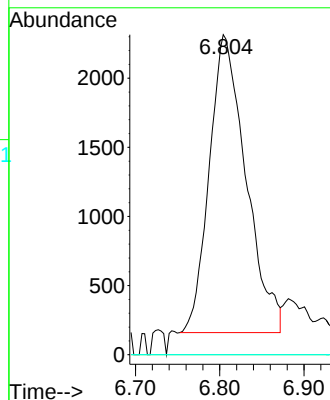
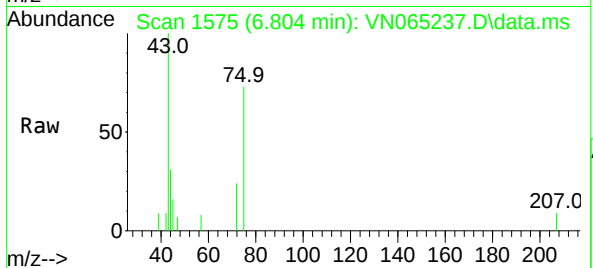
Delta R.T. -0.087 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

Tgt Ion: 43	Resp: 6511
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05



#38

Carbon Tetrachloride

Concen: 5.40 ug/l

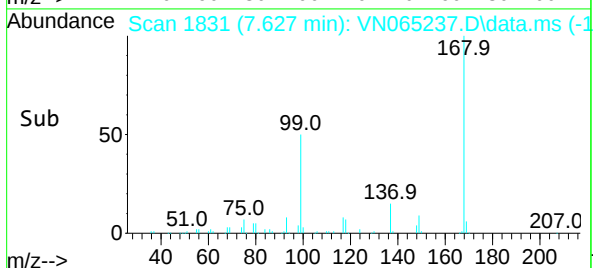
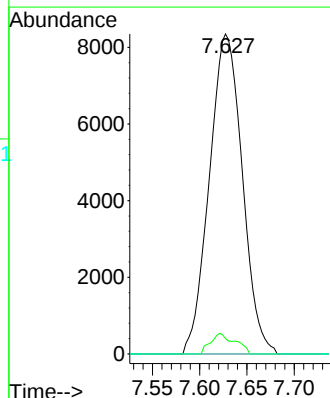
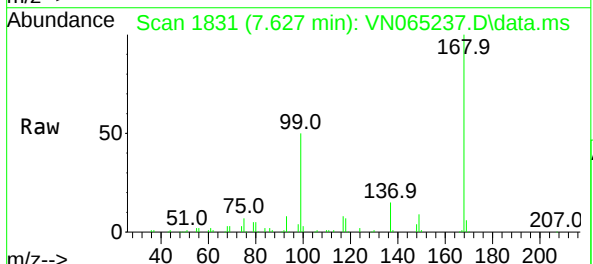
RT: 7.627 min Scan# 1831

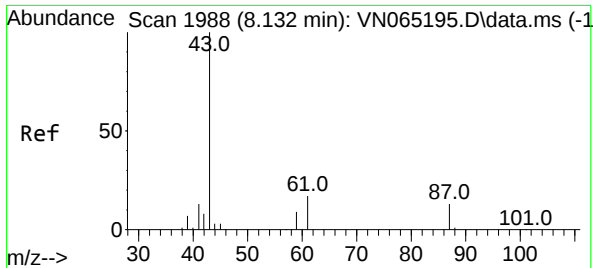
Delta R.T. -0.106 min

Lab File: VN065237.D

Acq: 23 Dec 2020 16:03

Tgt Ion: 117	Resp: 20234
Ion Ratio	Lower Upper
117 100	
119 4.8	76.7 115.1#
121 0.0	25.4 38.2#

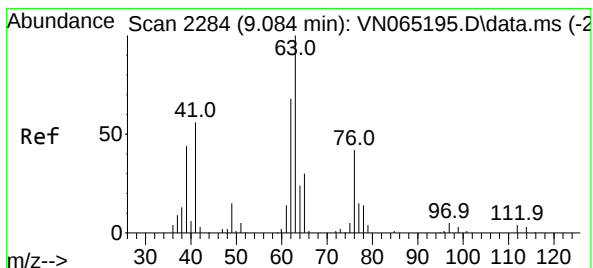
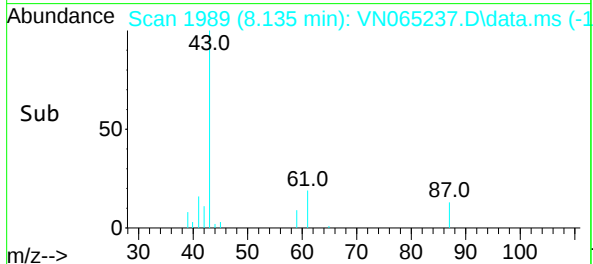
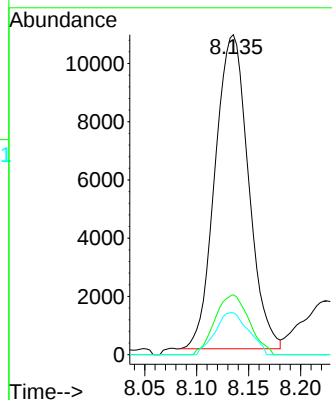
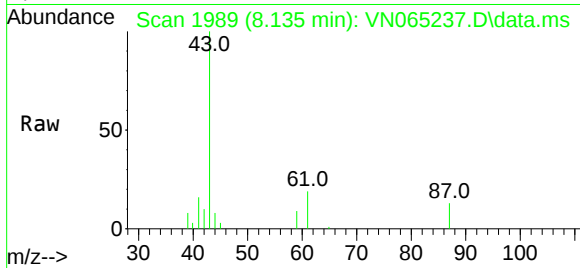




#43
Isopropyl Acetate
Concen: 3.95 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

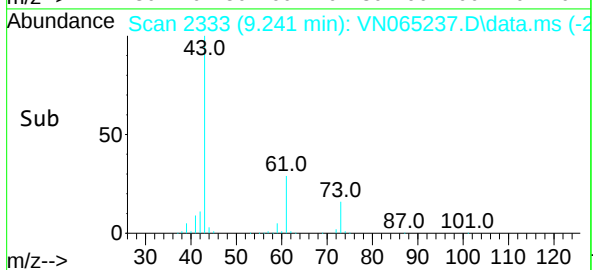
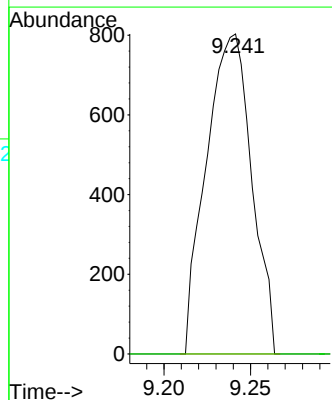
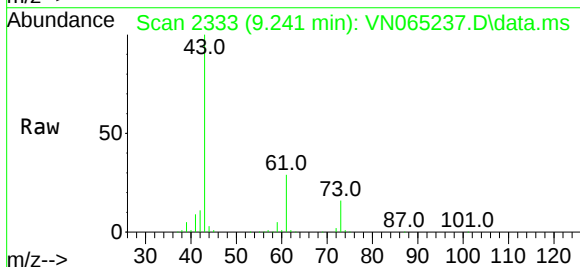
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

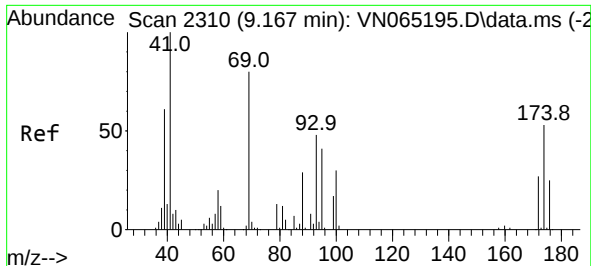
Tgt Ion:	43	Resp:	24117
Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.2	25.8
87	13.3	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion:	63	Resp:	1467
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

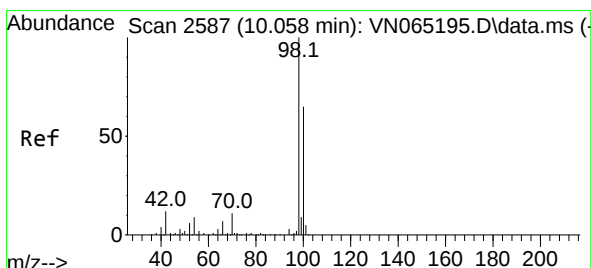
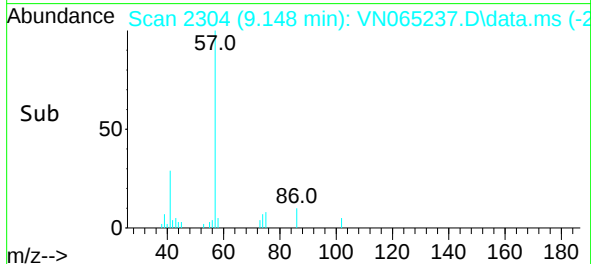
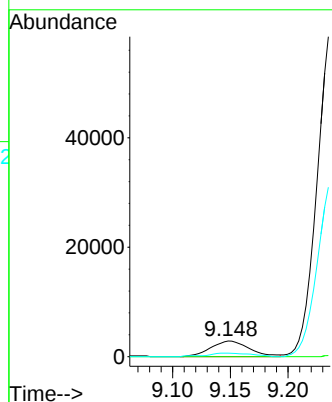
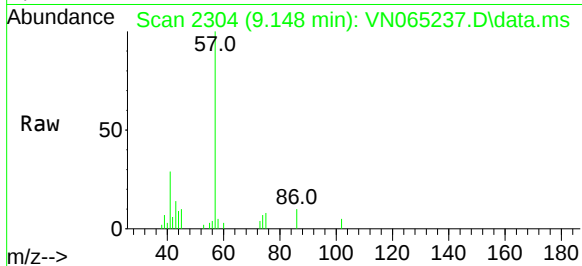




#48
Methyl methacrylate
Concen: 2.24 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

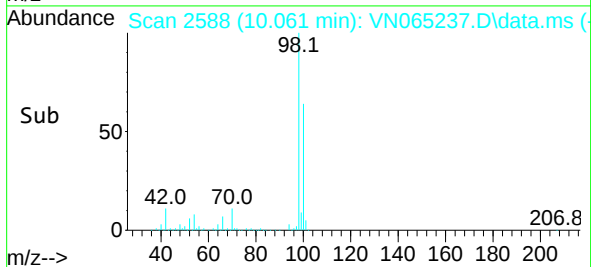
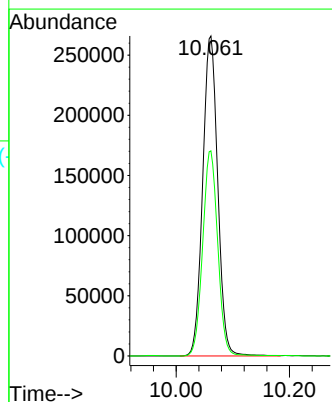
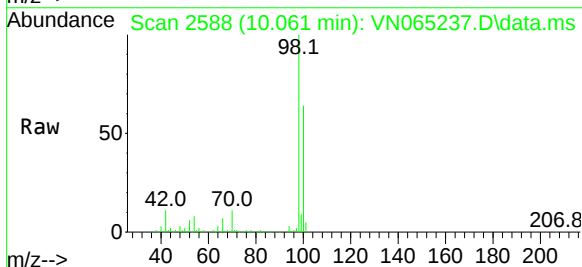
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

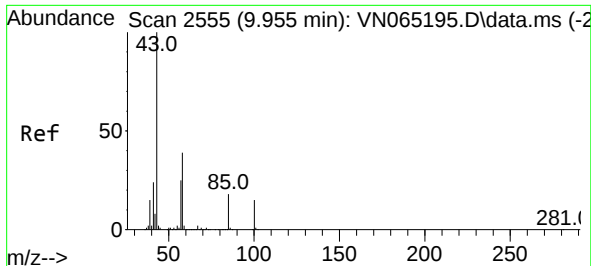
Tgt Ion: 41 Resp: 6645
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.16 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 98 Resp: 489671
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

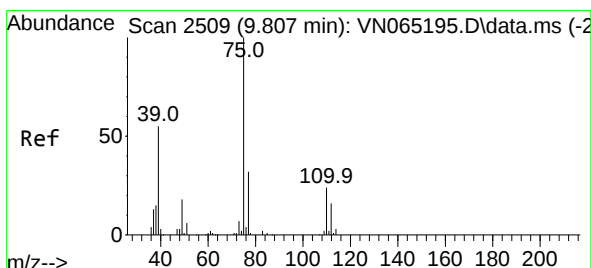
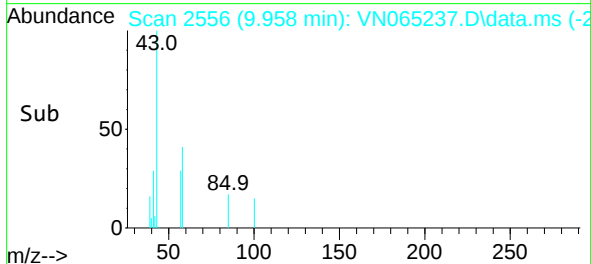
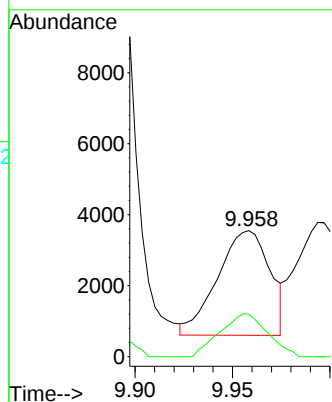
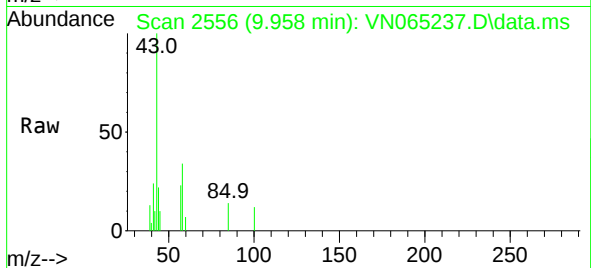




#51
4-Methyl-2-Pentanone
Concen: 1.61 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

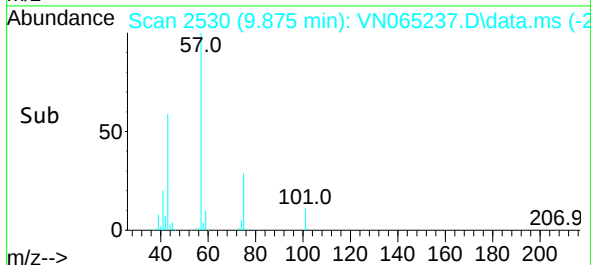
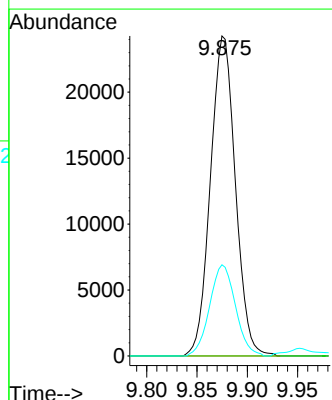
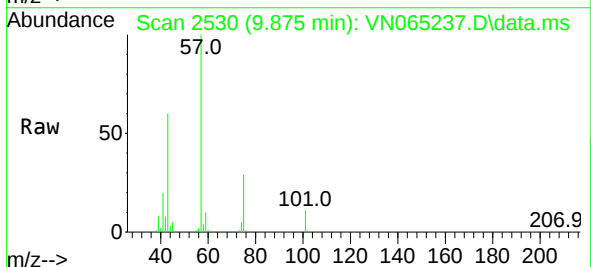
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

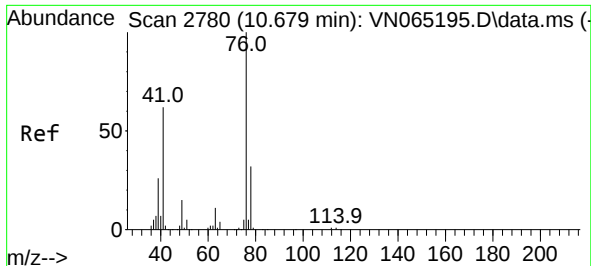
Tgt Ion: 43 Resp: 5522
Ion Ratio Lower Upper
43 100
58 37.1 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 8.84 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 75 Resp: 41838
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 28.5 35.6 53.4#

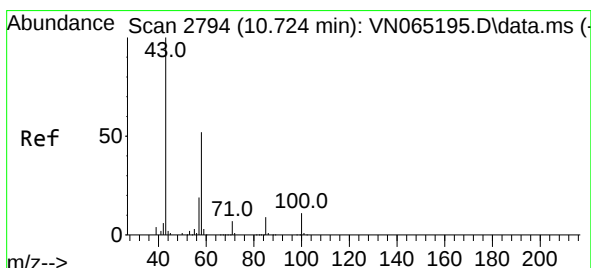
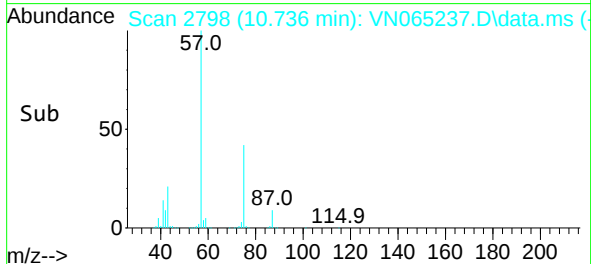
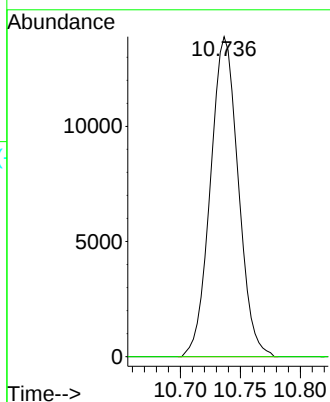
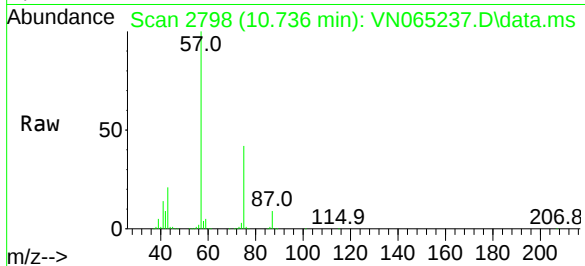




#57
1,3-Dichloropropane
Concen: 5.14 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

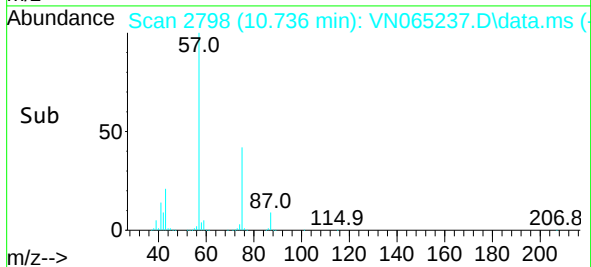
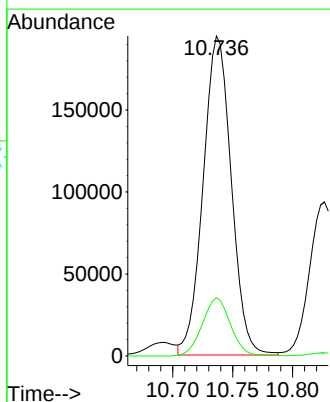
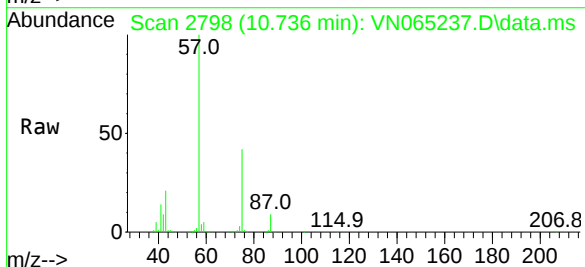
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

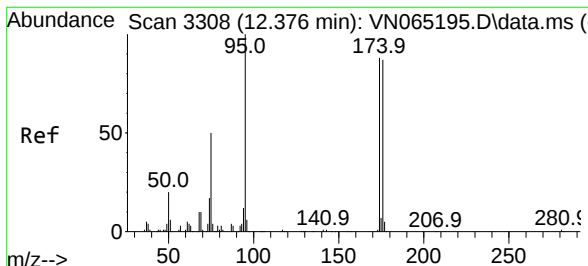
Tgt Ion: 76 Resp: 22447
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 125.81 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 43 Resp: 317086
Ion Ratio Lower Upper
43 100
58 18.3 28.3 84.9#

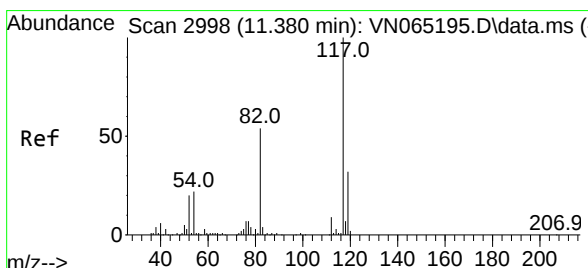
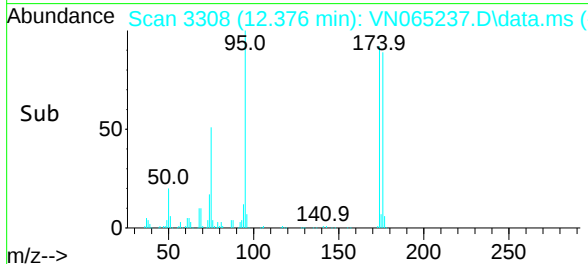
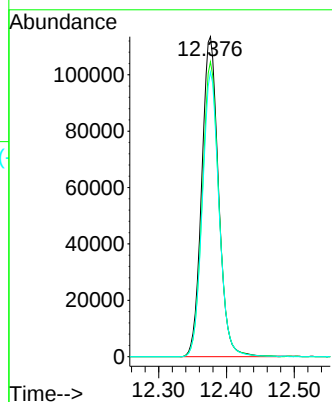
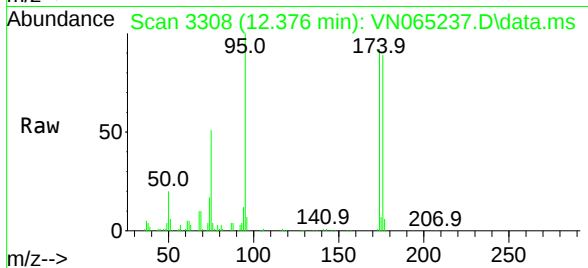




#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

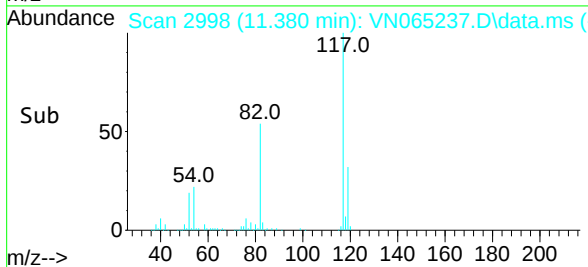
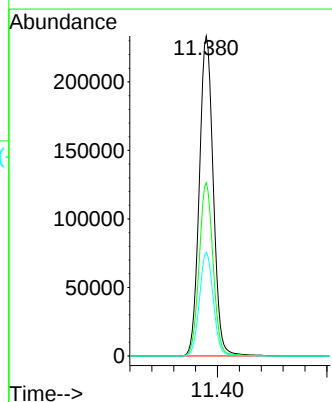
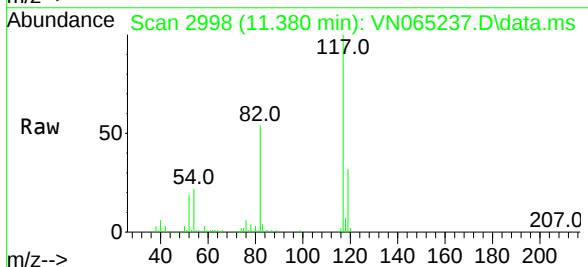
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

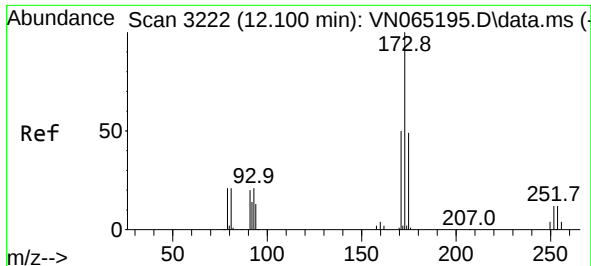
Tgt Ion: 95 Resp: 195364
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.4
176 88.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 117 Resp: 413181
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.4 25.8 38.6

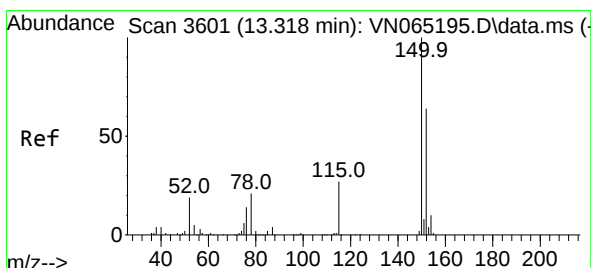
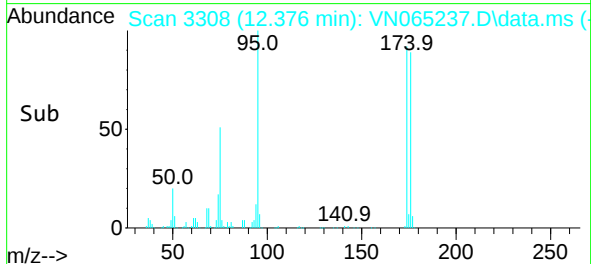
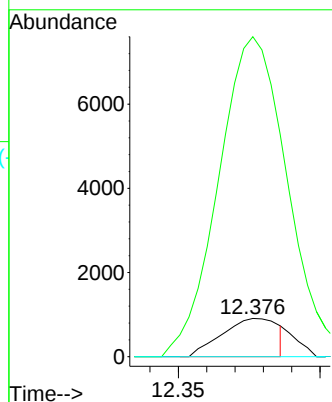
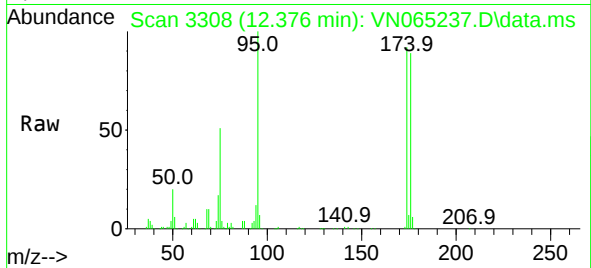




#71
Bromoform
Concen: 0.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

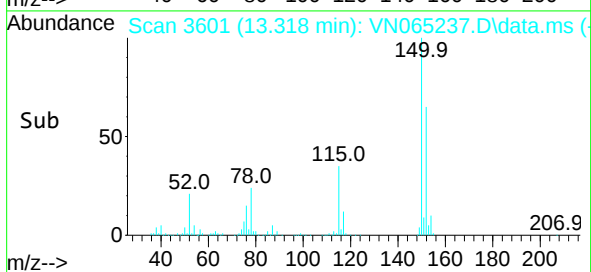
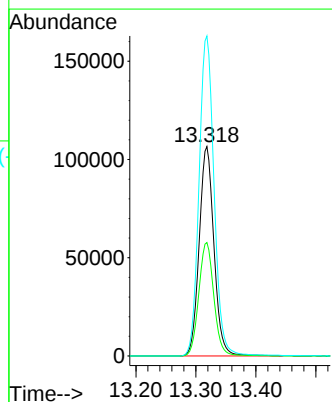
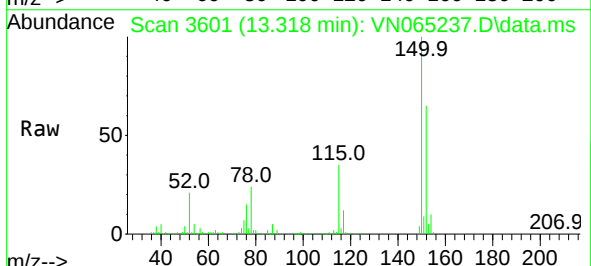
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

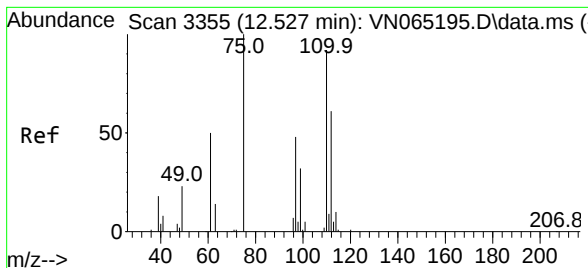
Tgt Ion:173 Resp: 1252
Ion Ratio Lower Upper
173 100
175 856.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion:152 Resp: 183175
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 155.4 0.0 350.6

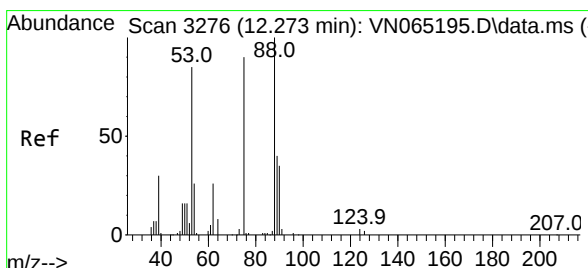
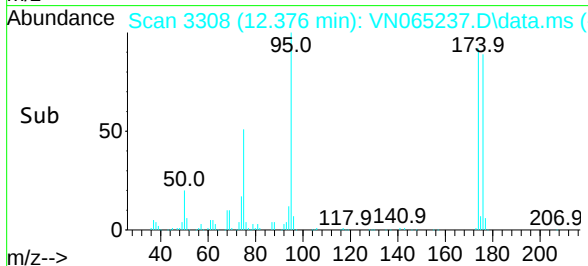
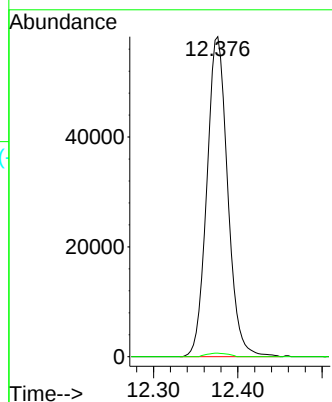
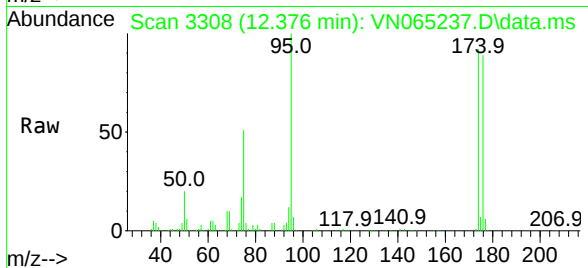




#76
1,2,3-Trichloropropane
Concen: 26.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#05

Tgt Ion: 75 Resp: 100268
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065237.D
Acq: 23 Dec 2020 16:03

Tgt Ion: 75 Resp: 100268
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

