

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065348.D
 Acq On : 31 Dec 2020 16:20
 Operator : JC/MD
 Sample : PB133875ZHE#22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133875ZHE#22

Quant Time: Jan 01 01:51:18 2021
 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)

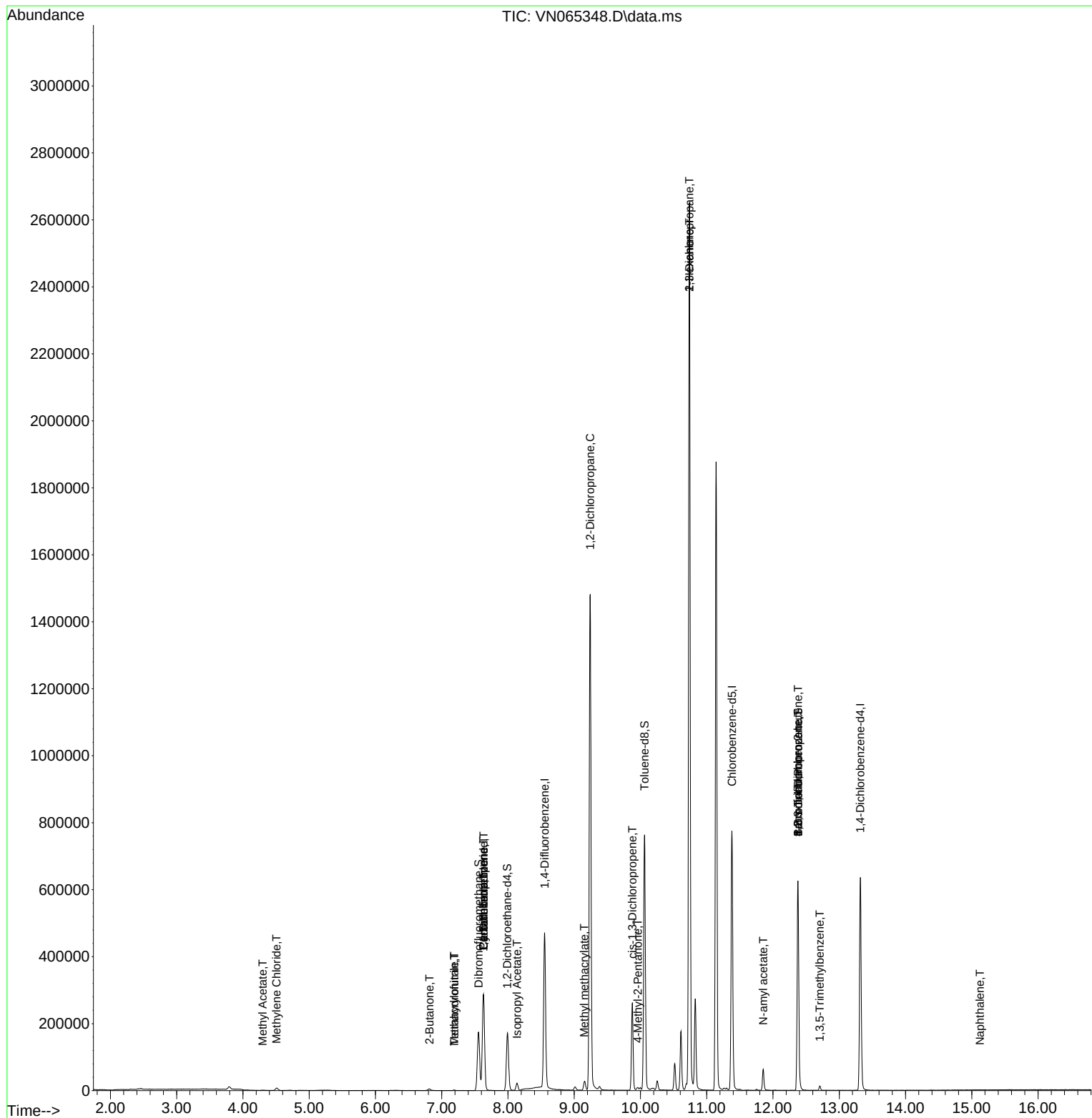
Internal Standards						
1) Pentafluorobenzene	7.630	168	259814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	441534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	478418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	194505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	151414	51.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.24%			
35) Dibromofluoromethane	7.557	113	134881	50.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.26%			
50) Toluene-d8	10.061	98	553576	55.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.90%			
62) 4-Bromofluorobenzene	12.376	95	215962	54.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.44%			
Target Compounds					Qvalue	
16) Acetone	3.795	43	12140	Below Cal		99
18) Methyl Acetate	4.296	43	1095	0.42 ug/l #		50
20) Methylene Chloride	4.505	84	5550	1.94 ug/l		96
25) 2-Butanone	6.817	43	2979	1.81 ug/l		100
29) Tetrahydrofuran	7.190	42	1088	1.02 ug/l #		77
31) Cyclohexane	7.630	56	4626	1.07 ug/l #		8
36) 1,1-Dichloropropene	7.627	75	16236	4.04 ug/l #		50
38) Carbon Tetrachloride	7.630	117	22331	5.30 ug/l #		15
41) Methacrylonitrile	7.190	41	697	0.34 ug/l #		29
43) Isopropyl Acetate	8.135	43	25981	3.79 ug/l		97
45) 1,2-Dichloropropane	9.241	63	1912	0.62 ug/l #		43
48) Methyl methacrylate	9.151	41	6670	2.00 ug/l #		12
51) 4-Methyl-2-Pentanone	9.958	43	6130	1.59 ug/l		96
54) cis-1,3-Dichloropropene	9.878	75	49641	9.32 ug/l #		61
57) 1,3-Dichloropropane	10.736	76	28286	5.76 ug/l #		42
59) 2-Hexanone	10.736	43	382377	134.89 ug/l #		49
71) Bromoform	12.376	173	1519	0.47 ug/l #		1
74) N-amyl acetate	11.852	43	19646	3.33 ug/l #		51
76) 1,2,3-Trichloropropane	12.376	75	105333	26.54 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.707	105	7491	0.59 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.376	75	105333	66.93 ug/l #		15
95) Naphthalene	15.122	128	169	3.39 ug/l #		69

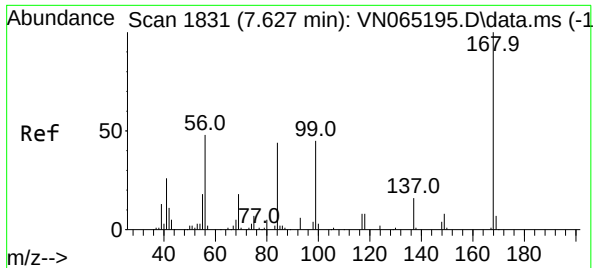
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jan 01 01:51:18 2021
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

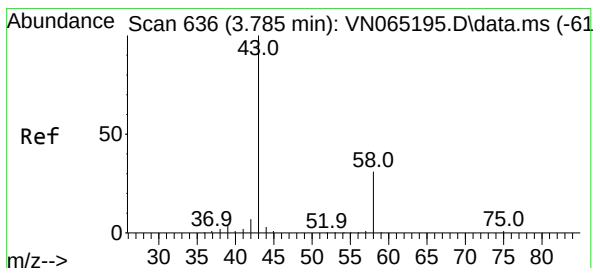
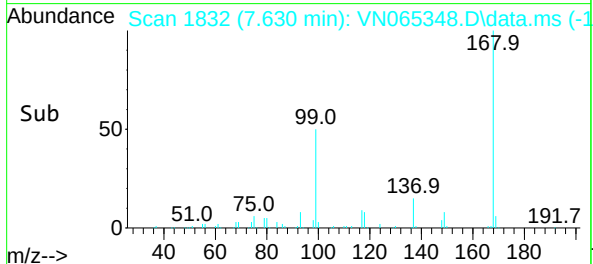
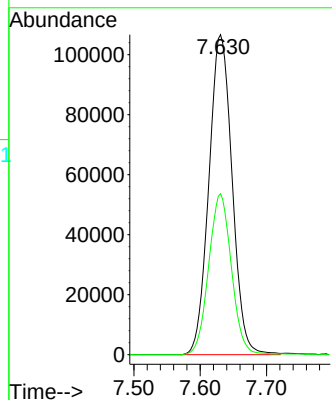
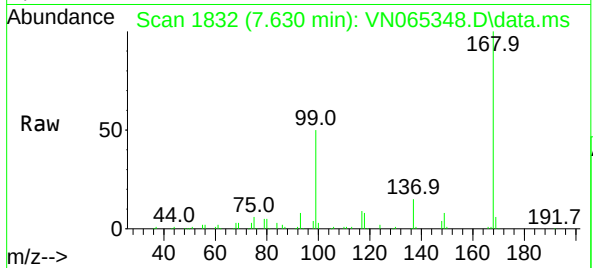




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

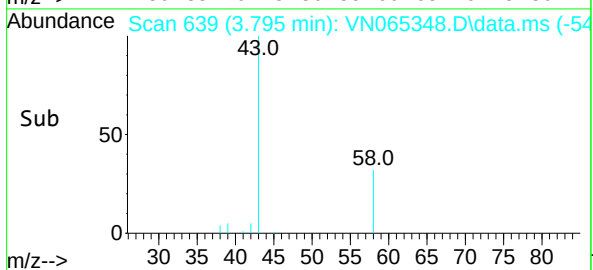
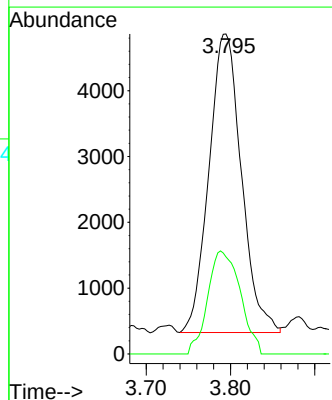
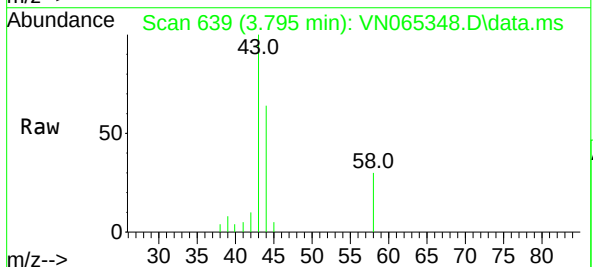
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

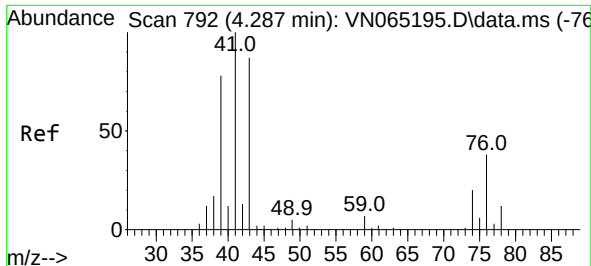
Tgt Ion:168 Resp: 259814
Ion Ratio Lower Upper
168 100
99 50.3 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

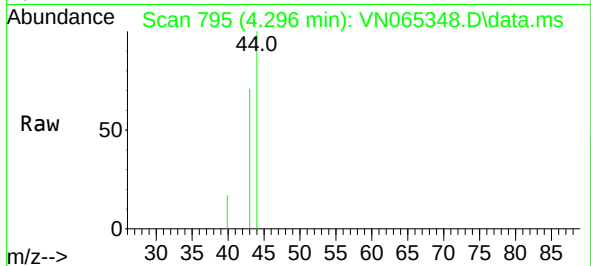
Tgt Ion: 43 Resp: 12140
Ion Ratio Lower Upper
43 100
58 32.5 25.7 38.5



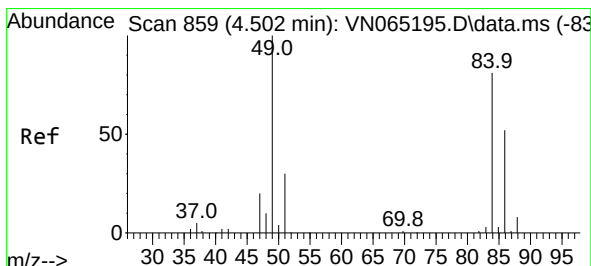
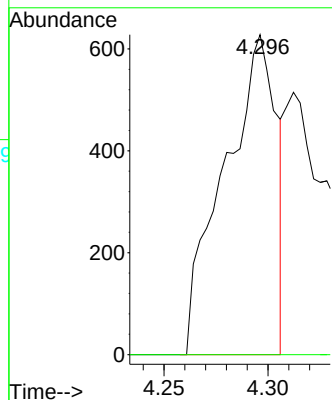
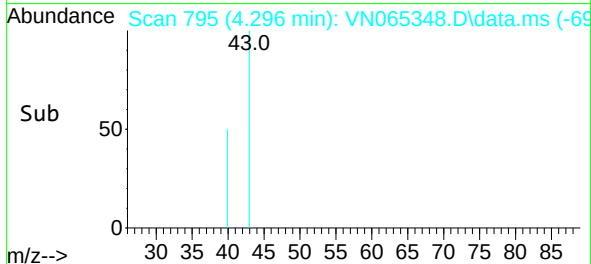


#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

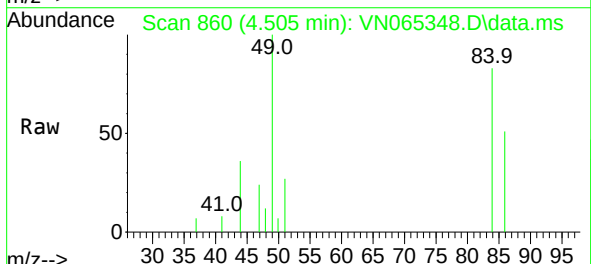
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22



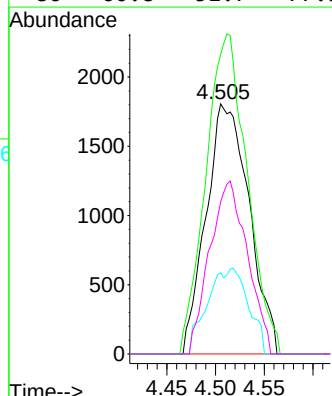
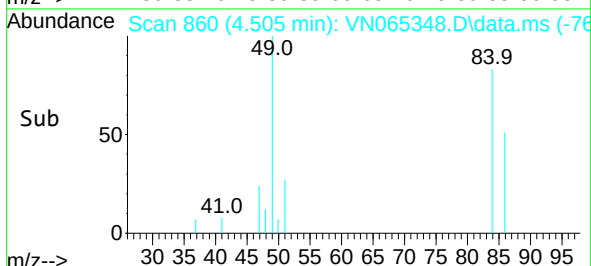
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

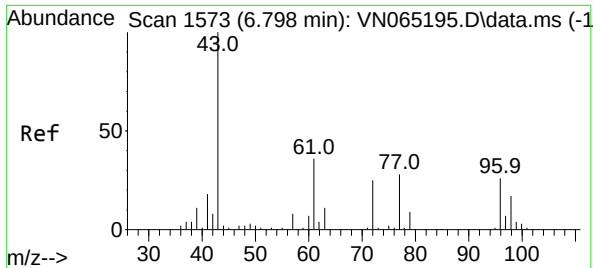


#20
Methylene Chloride
Concen: 1.94 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20



Tgt Ion: 84 Resp: 5550
Ion Ratio Lower Upper
84 100
49 119.8 93.4 140.0
51 32.4 28.2 42.4
86 60.8 51.7 77.5

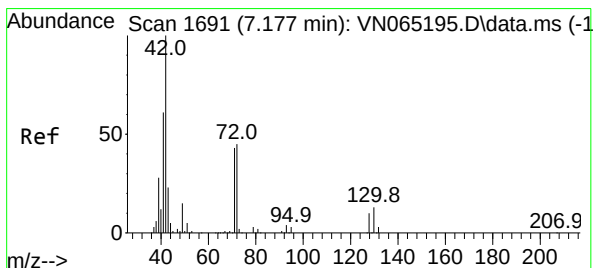
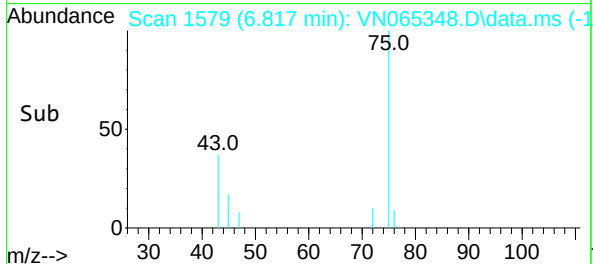
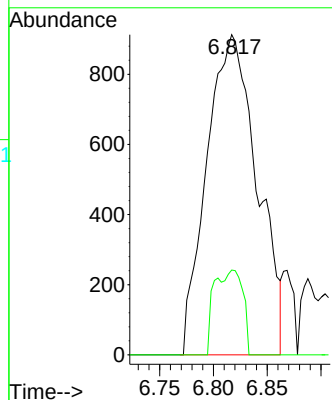
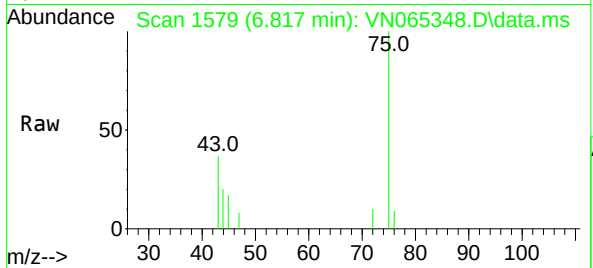




#25
2-Butanone
Concen: 1.81 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

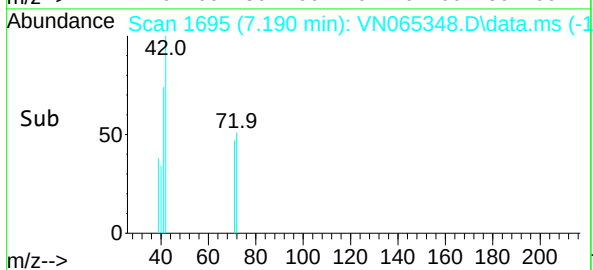
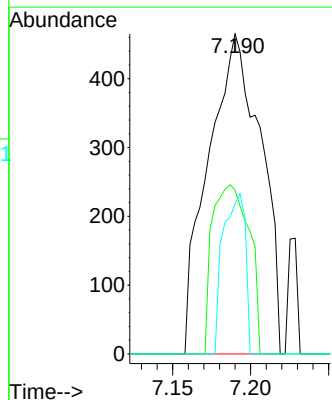
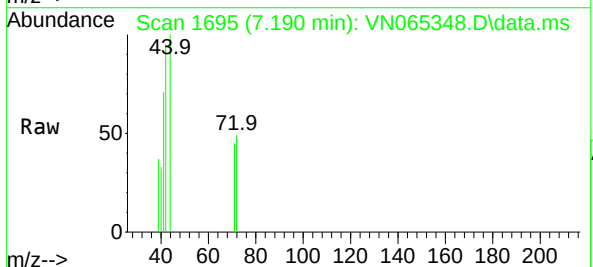
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

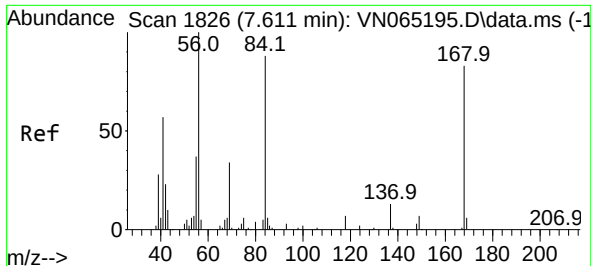
Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
72 26.5 21.0 31.6



#29
Tetrahydrofuran
Concen: 1.02 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.013 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

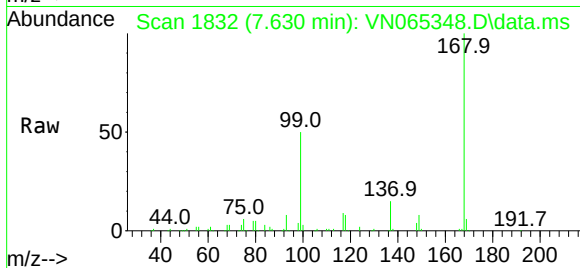
Tgt Ion: 42 Resp: 1088
Ion Ratio Lower Upper
42 100
72 37.0 36.6 54.8
71 21.2 33.6 50.4#



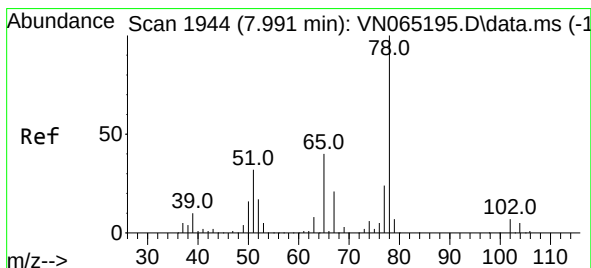
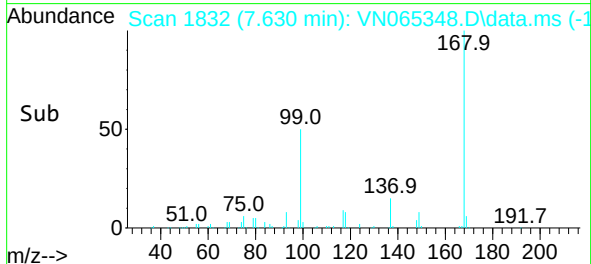
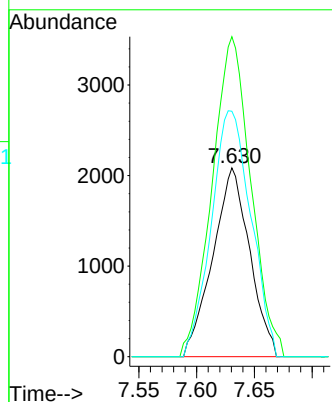


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

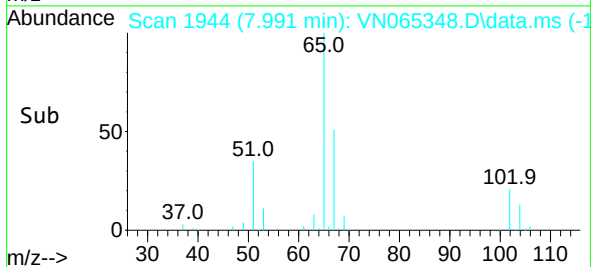
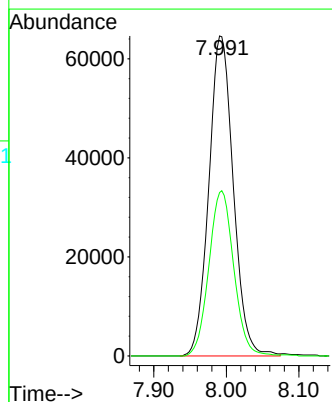
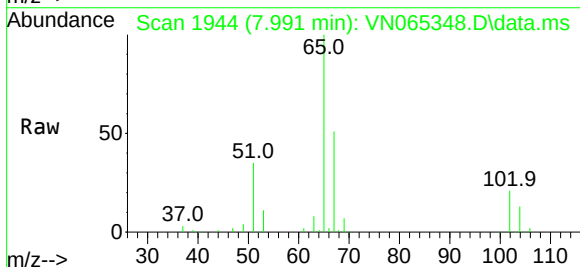


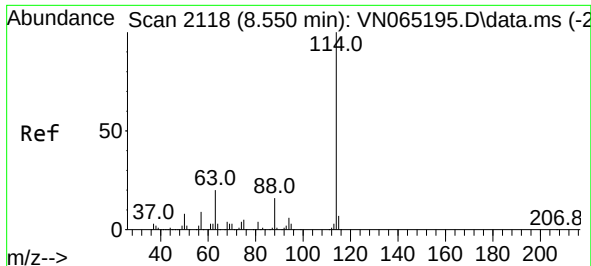
Tgt Ion: 56 Resp: 4626
Ion Ratio Lower Upper
56 100
69 169.4 27.5 41.3#
84 129.9 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.62 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion: 65 Resp: 151414
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.2

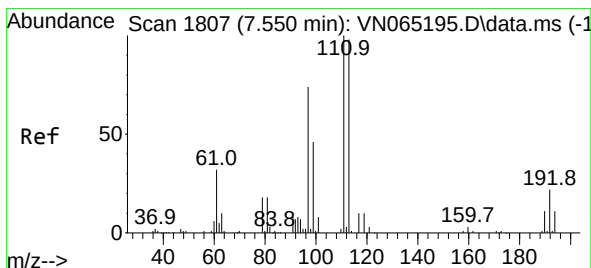
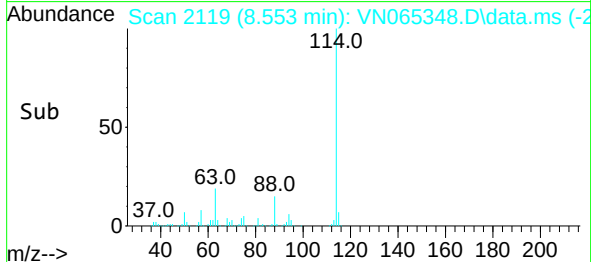
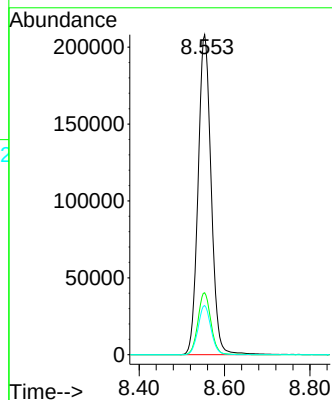
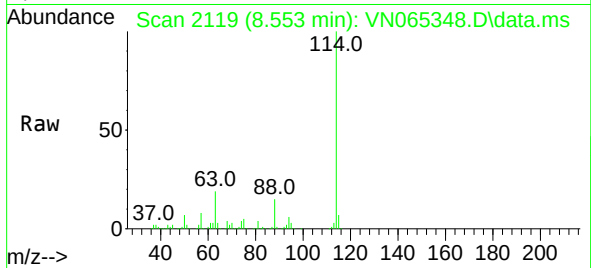




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

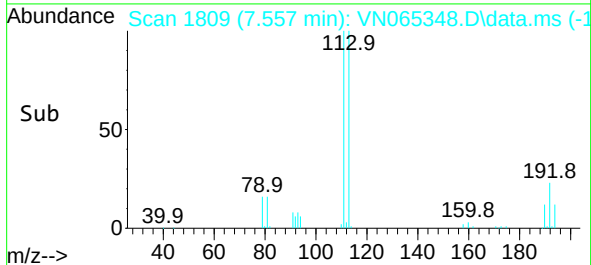
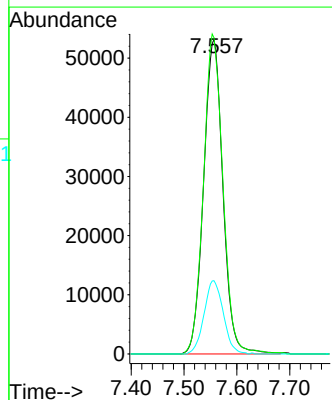
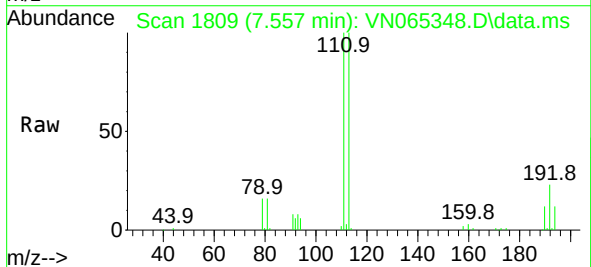
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PB133875ZHE#22

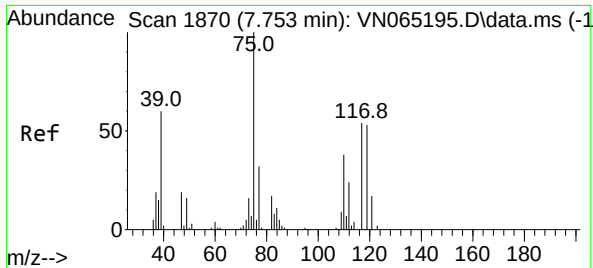
Tgt Ion:114 Resp: 441534
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion:113 Resp: 134881
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 23.2 16.2 24.2

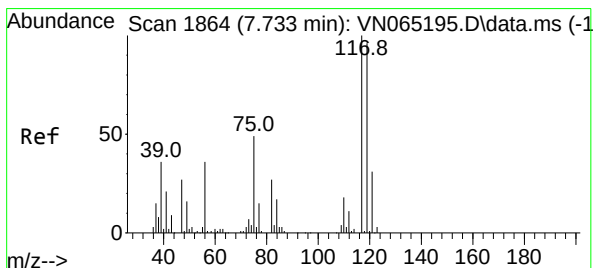
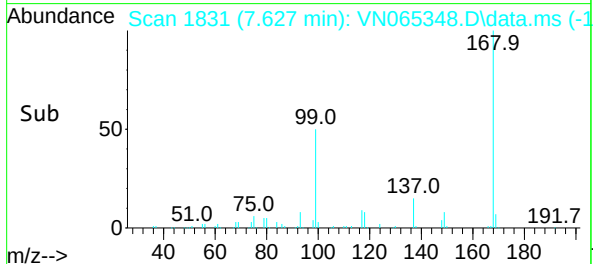
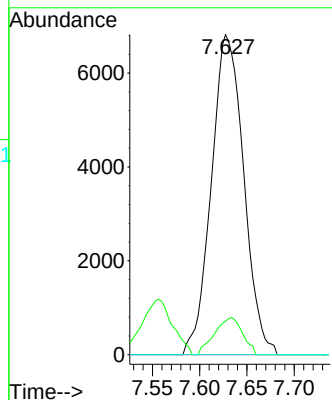
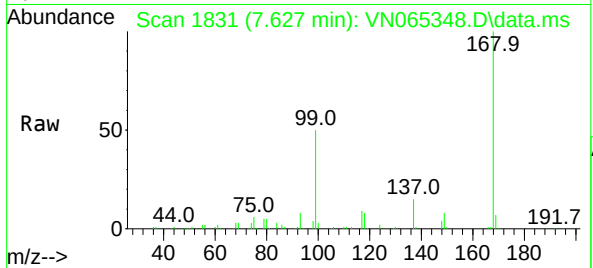




#36
1,1-Dichloropropene
Concen: 4.04 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

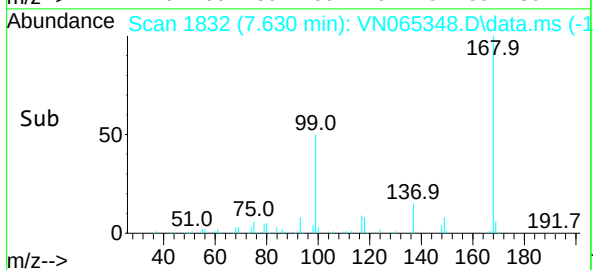
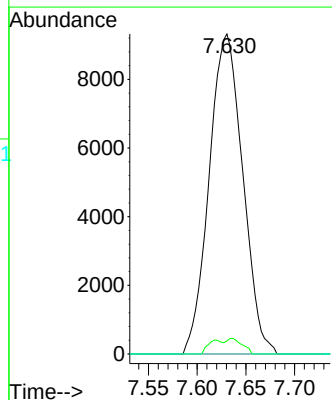
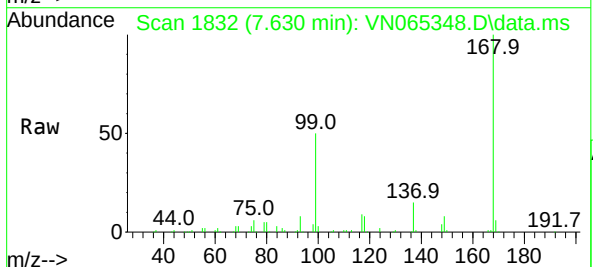
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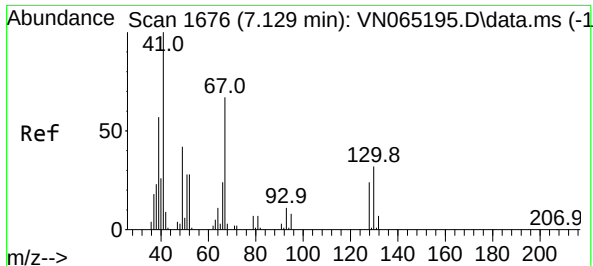
Tgt Ion: 75 Resp: 16236
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

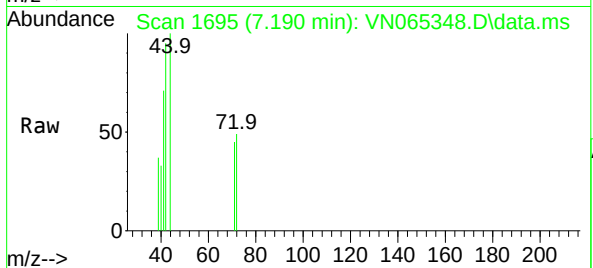
Tgt Ion: 117 Resp: 22331
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.4 38.2#



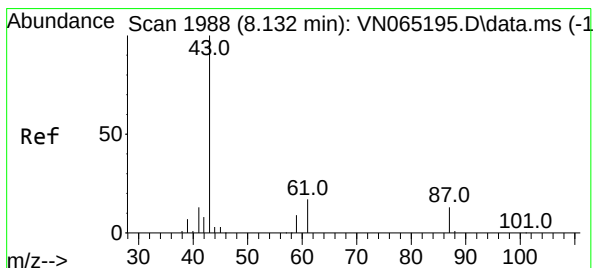
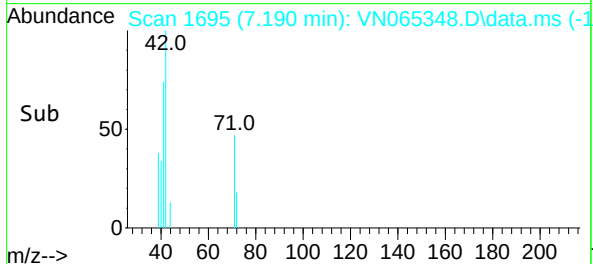
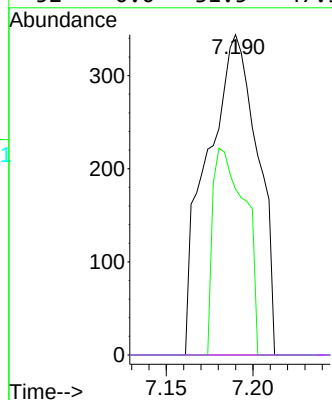


#41
Methacrylonitrile
Concen: 0.34 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.061 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

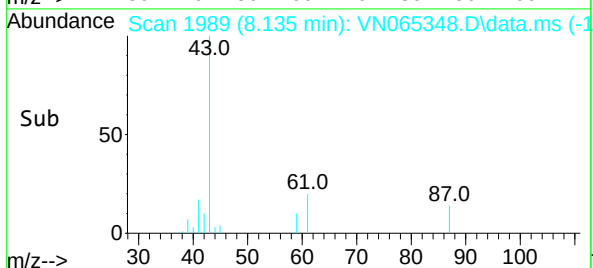
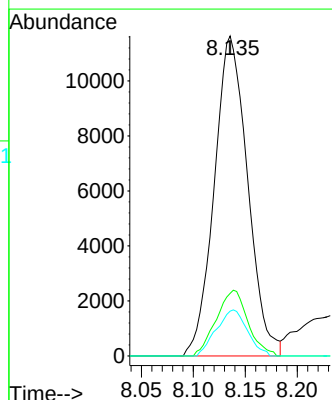
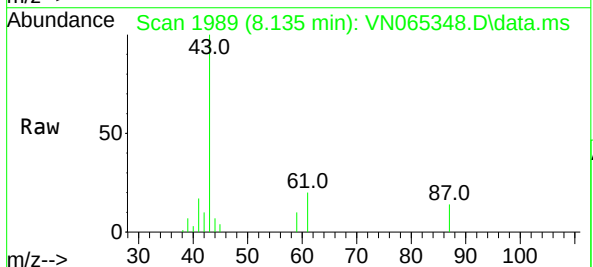


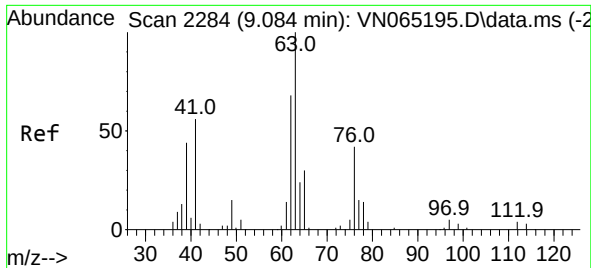
Tgt Ion: 41	Resp: 697
Ion Ratio	Lower Upper
41	100
39	41.2 51.0 76.6#
67	0.0 79.8 119.8#
52	0.0 31.5 47.3#



#43
Isopropyl Acetate
Concen: 3.79 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion: 43	Resp: 25981
Ion Ratio	Lower Upper
43	100
61	19.5 17.2 25.8
87	13.4 11.4 17.0

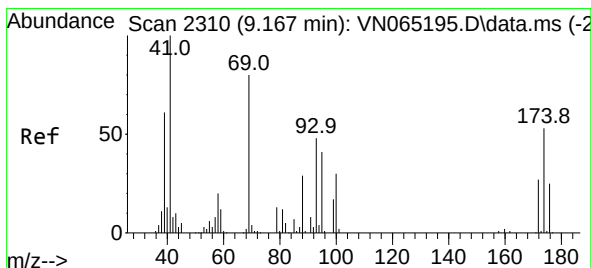
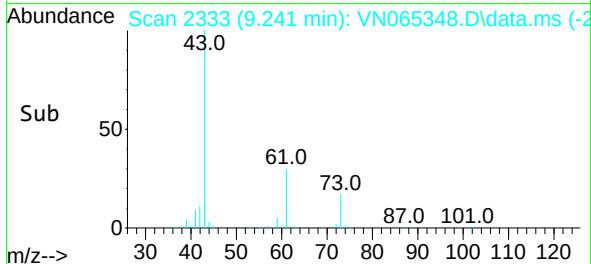
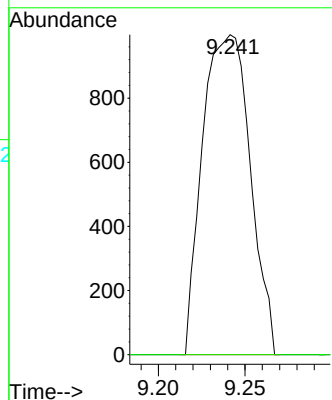
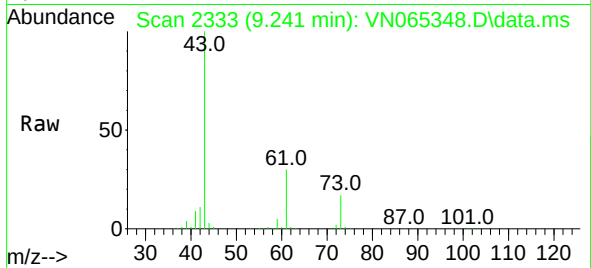




#45
1,2-Dichloropropane
Concen: 0.62 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

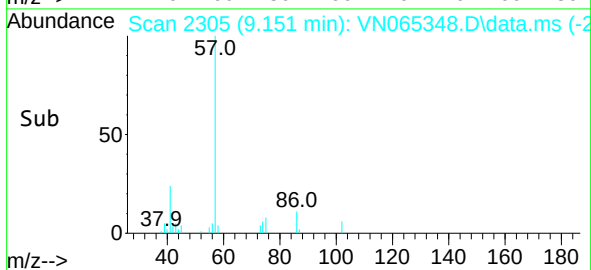
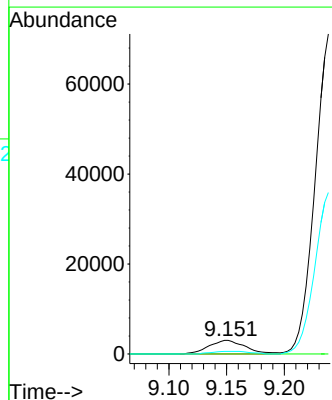
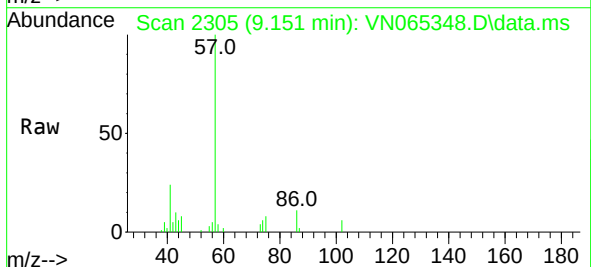
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

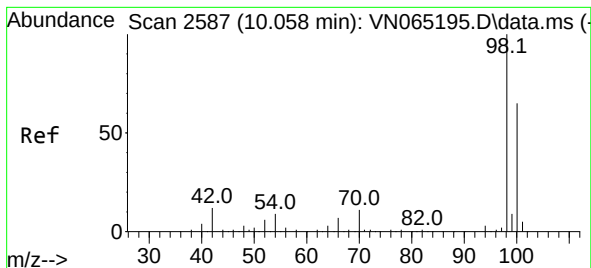
Tgt Ion: 63 Resp: 1912
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 2.00 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion: 41 Resp: 6670
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

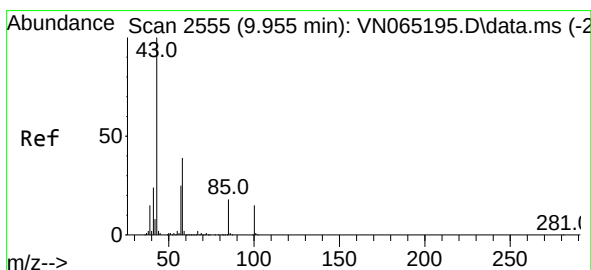
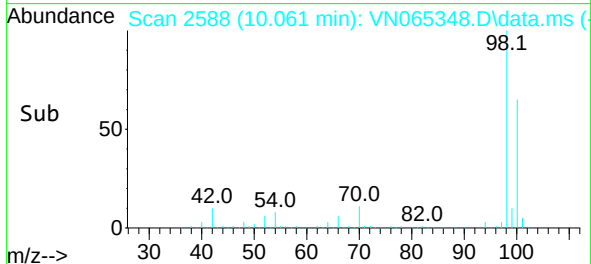
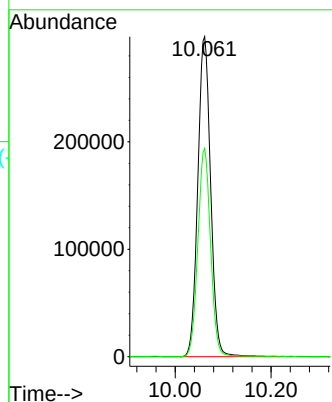
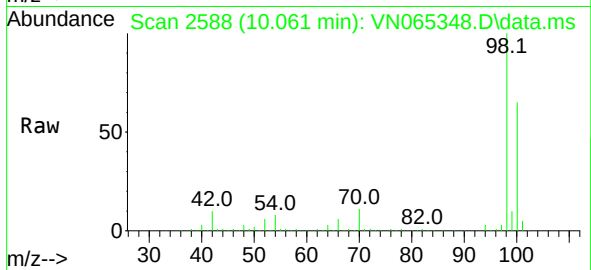




#50
Toluene-d8
Concen: 55.45 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

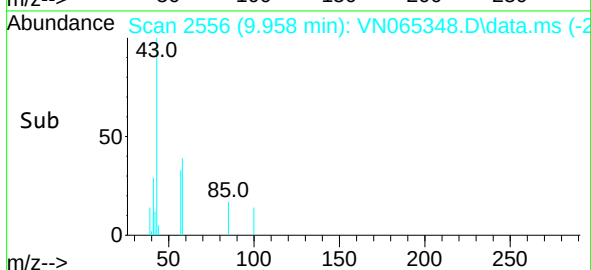
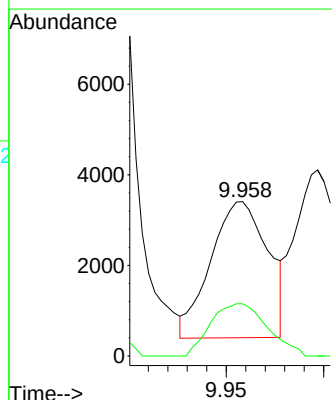
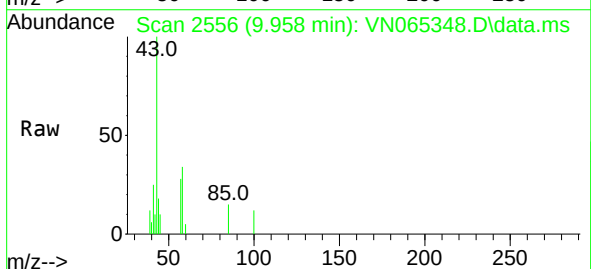
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

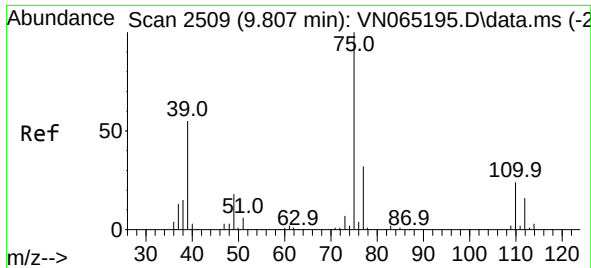
Tgt Ion: 98 Resp: 553576
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
58 38.1 32.4 48.6

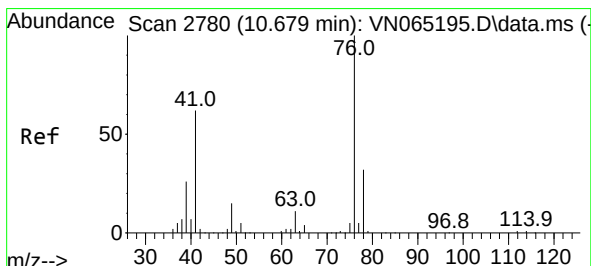
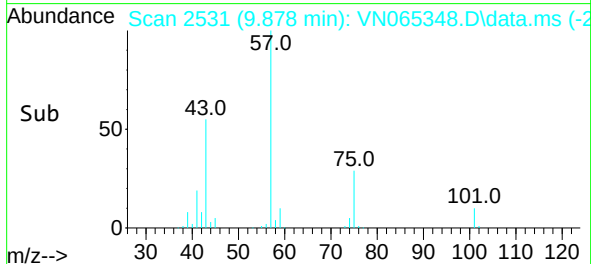
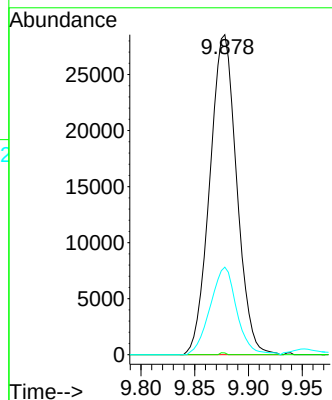
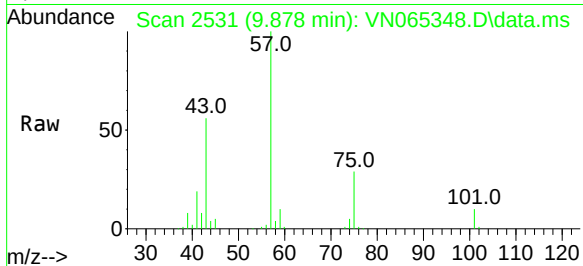




#54
 cis-1,3-Dichloropropene
 Concen: 9.32 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.071 min
 Lab File: VN065348.D
 Acq: 31 Dec 2020 16:20

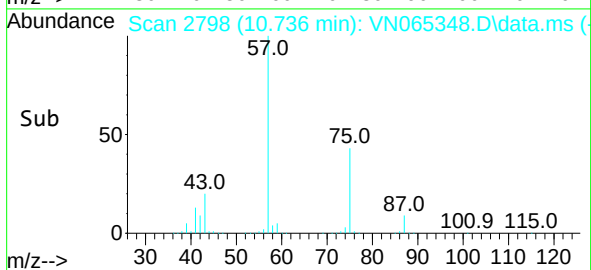
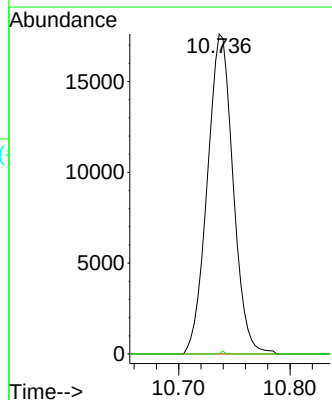
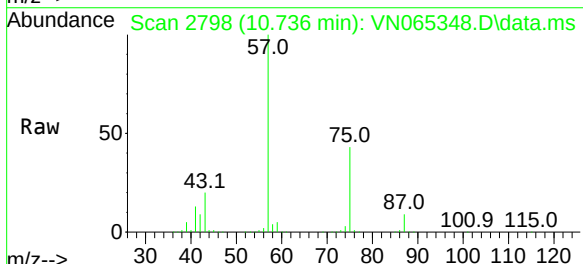
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133875ZHE#22

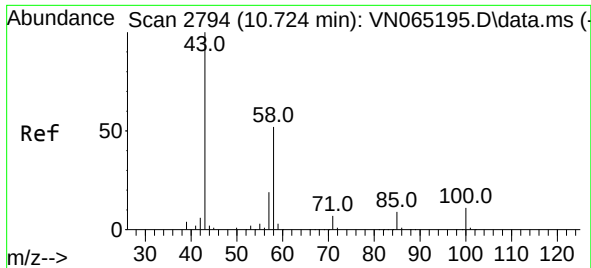
Tgt Ion: 75 Resp: 49641
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.5 38.3#
 39 27.4 35.6 53.4#



#57
 1,3-Dichloropropane
 Concen: 5.76 ug/l
 RT: 10.736 min Scan# 2798
 Delta R.T. 0.057 min
 Lab File: VN065348.D
 Acq: 31 Dec 2020 16:20

Tgt Ion: 76 Resp: 28286
 Ion Ratio Lower Upper
 76 100
 78 0.1 26.1 39.1#

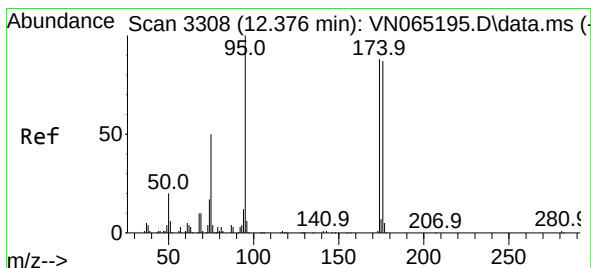
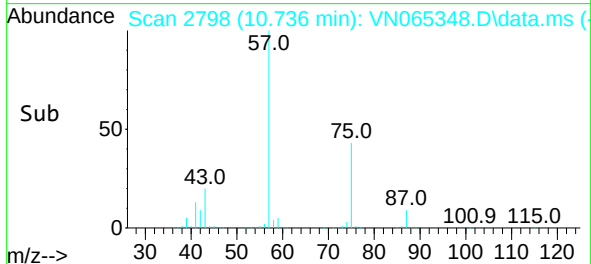
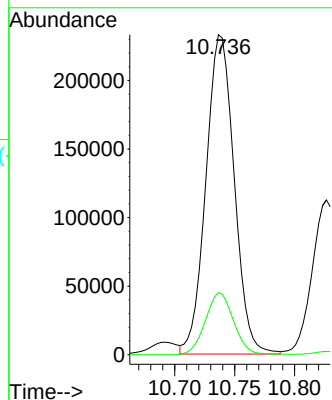
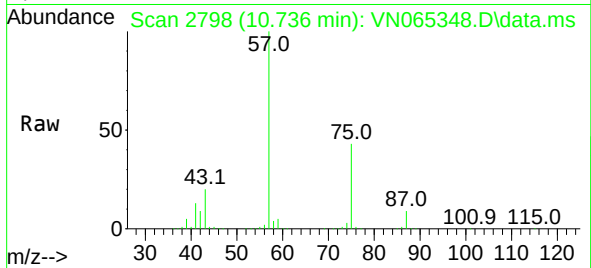




#59
2-Hexanone
Concen: 134.89 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

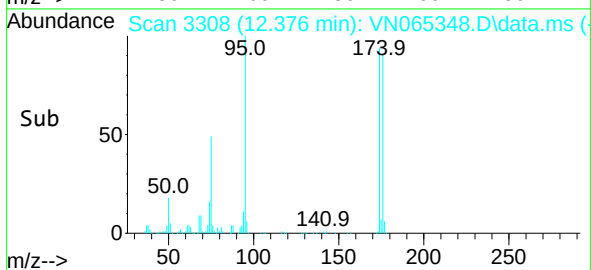
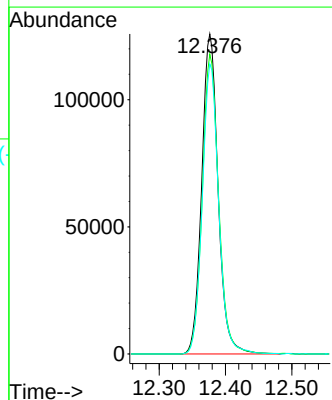
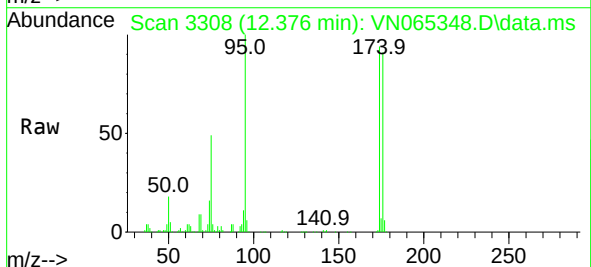
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

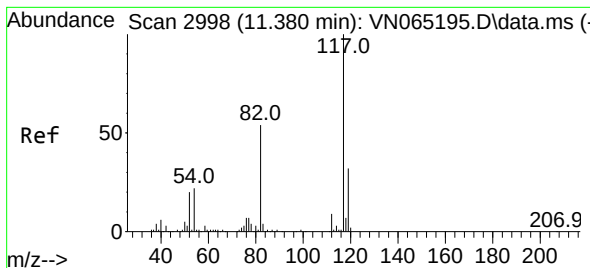
Tgt Ion: 43 Resp: 382377
Ion Ratio Lower Upper
43 100
58 19.4 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 54.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

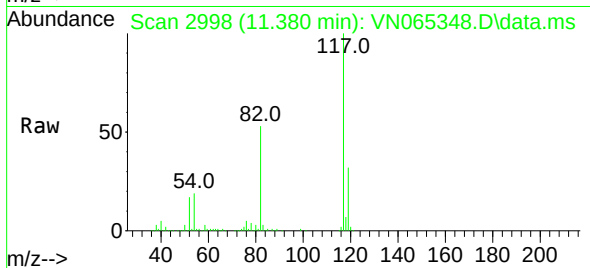
Tgt Ion: 95 Resp: 215962
Ion Ratio Lower Upper
95 100
174 93.5 0.0 160.4
176 90.7 0.0 158.4



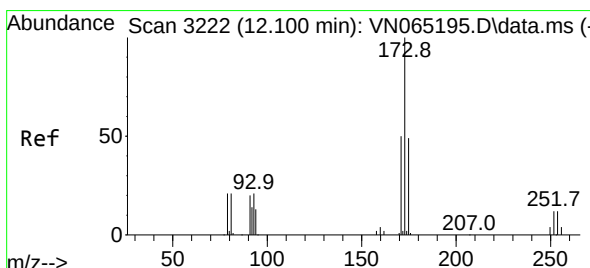
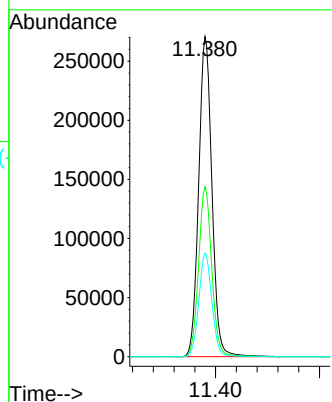
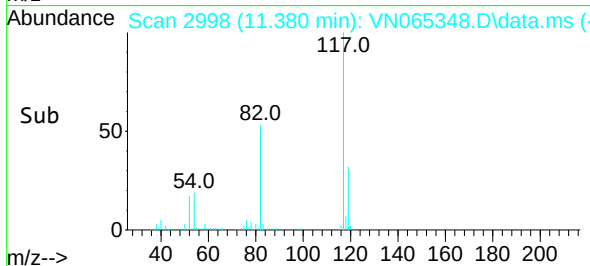


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

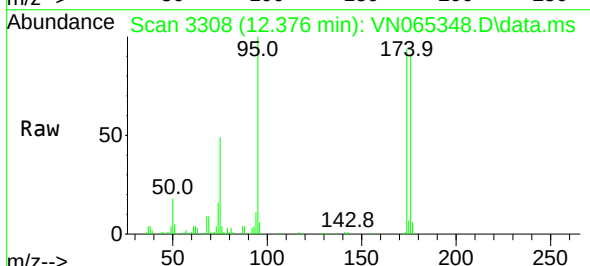
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22



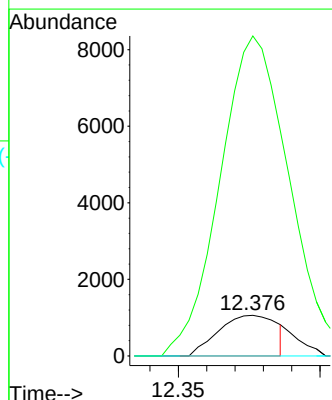
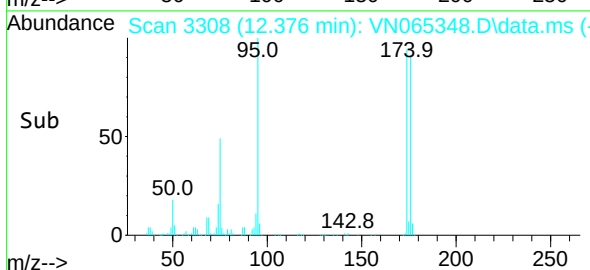
Tgt Ion:117 Resp: 478418
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.4 25.8 38.6

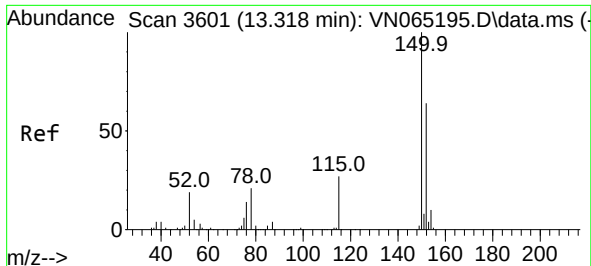


#71
Bromoform
Concen: 0.47 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20



Tgt Ion:173 Resp: 1519
Ion Ratio Lower Upper
173 100
175 759.9 24.3 72.8#
254 0.0 0.0 0.0

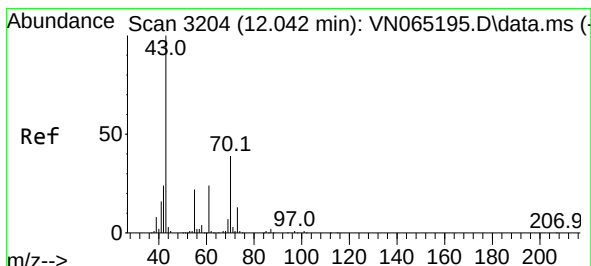
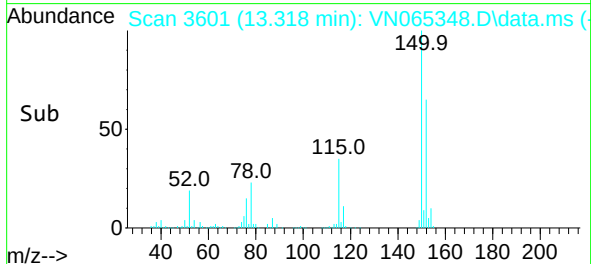
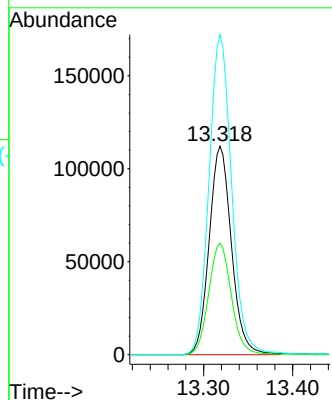
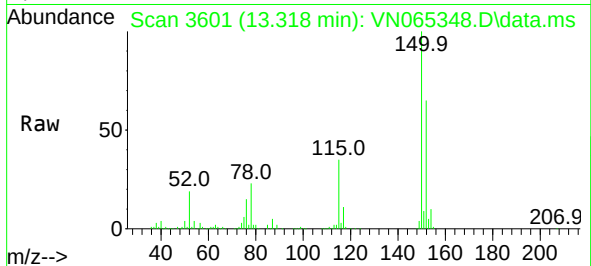




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

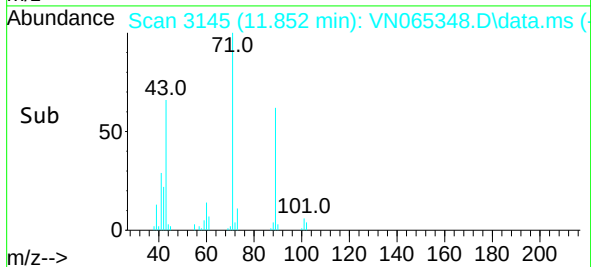
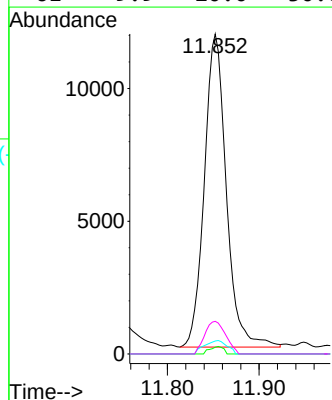
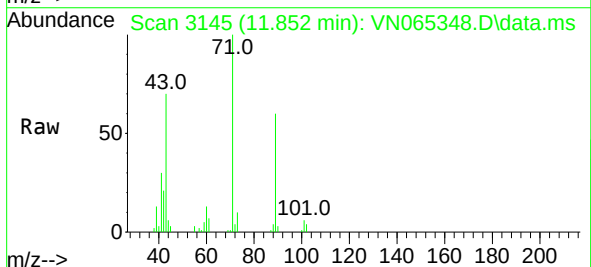
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

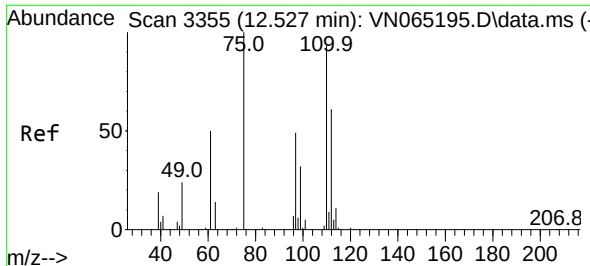
Tgt Ion:152 Resp: 194505
Ion Ratio Lower Upper
152 100
115 54.6 29.7 89.1
150 156.3 0.0 350.6



#74
N-ethyl acetate
Concen: 3.33 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

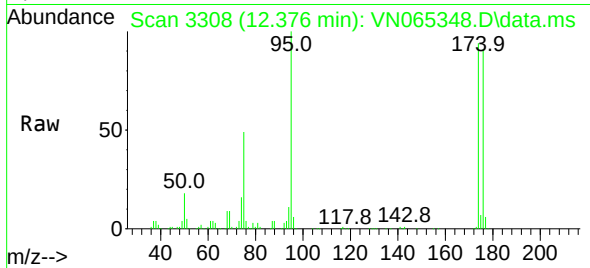
Tgt Ion: 43 Resp: 19646
Ion Ratio Lower Upper
43 100
70 1.5 34.5 51.7#
55 4.4 20.4 30.6#
61 9.9 20.0 30.0#



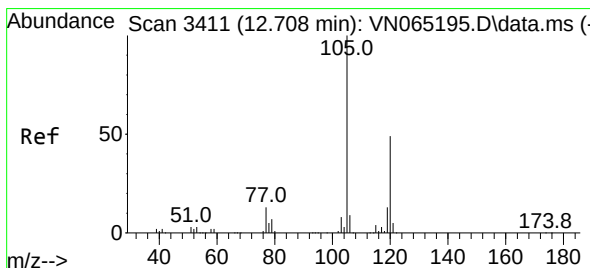
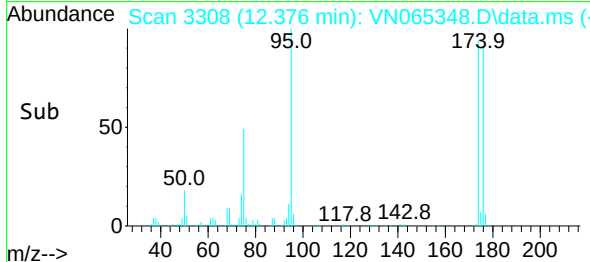
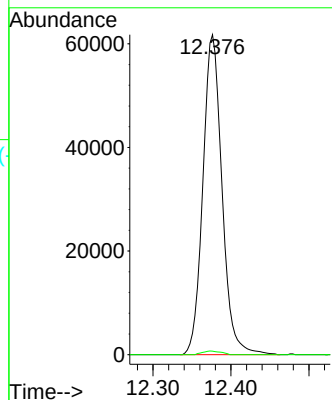


#76
1,2,3-Trichloropropane
Concen: 26.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22

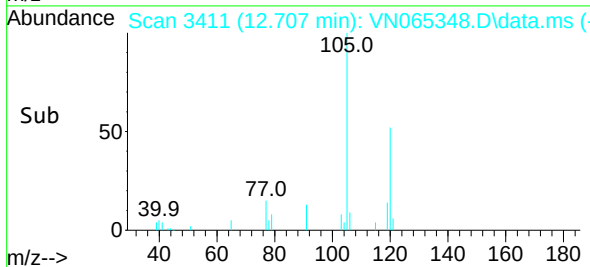
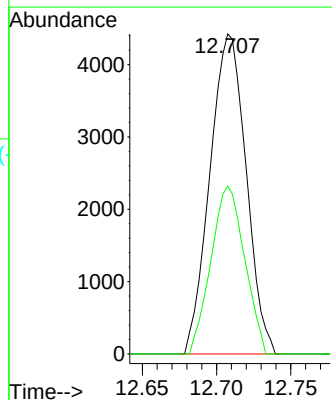
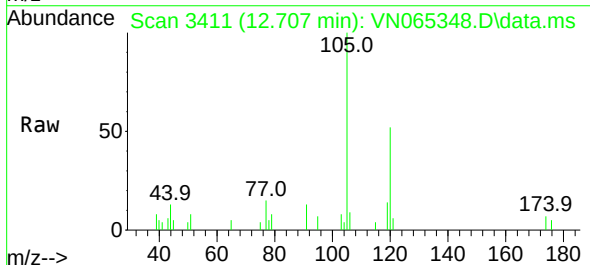


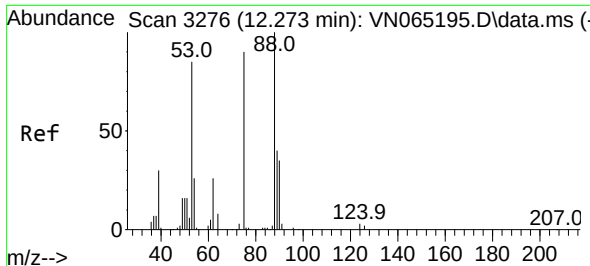
Tgt Ion: 75 Resp: 105333
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.59 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

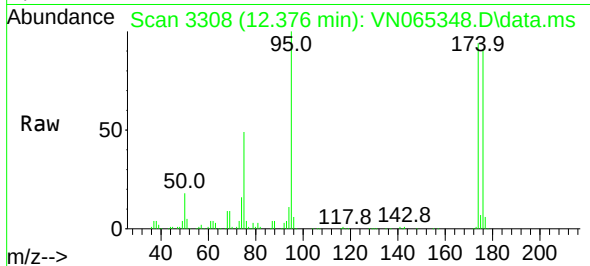
Tgt Ion: 105 Resp: 7491
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6



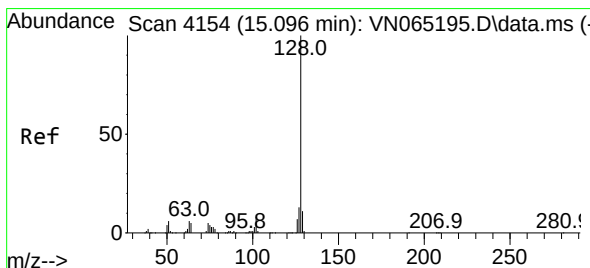
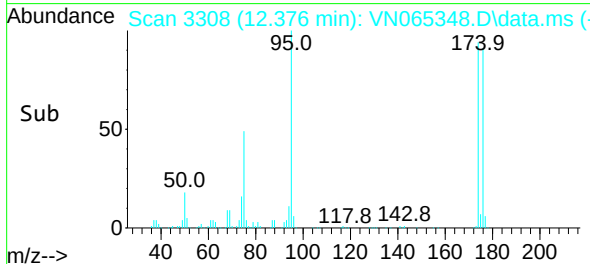
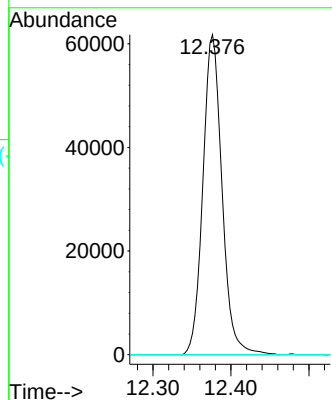


#81
trans-1,4-Dichloro-2-butene
Concen: 66.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#22



Tgt Ion: 75 Resp: 105333
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.122 min Scan# 4162
Delta R.T. 0.026 min
Lab File: VN065348.D
Acq: 31 Dec 2020 16:20

Tgt Ion: 128 Resp: 169
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

