

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065316.D
 Acq On : 30 Dec 2020 13:28
 Operator : JC/MD
 Sample : L5224-01 10X
 Misc : 1.51g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:01:38 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)

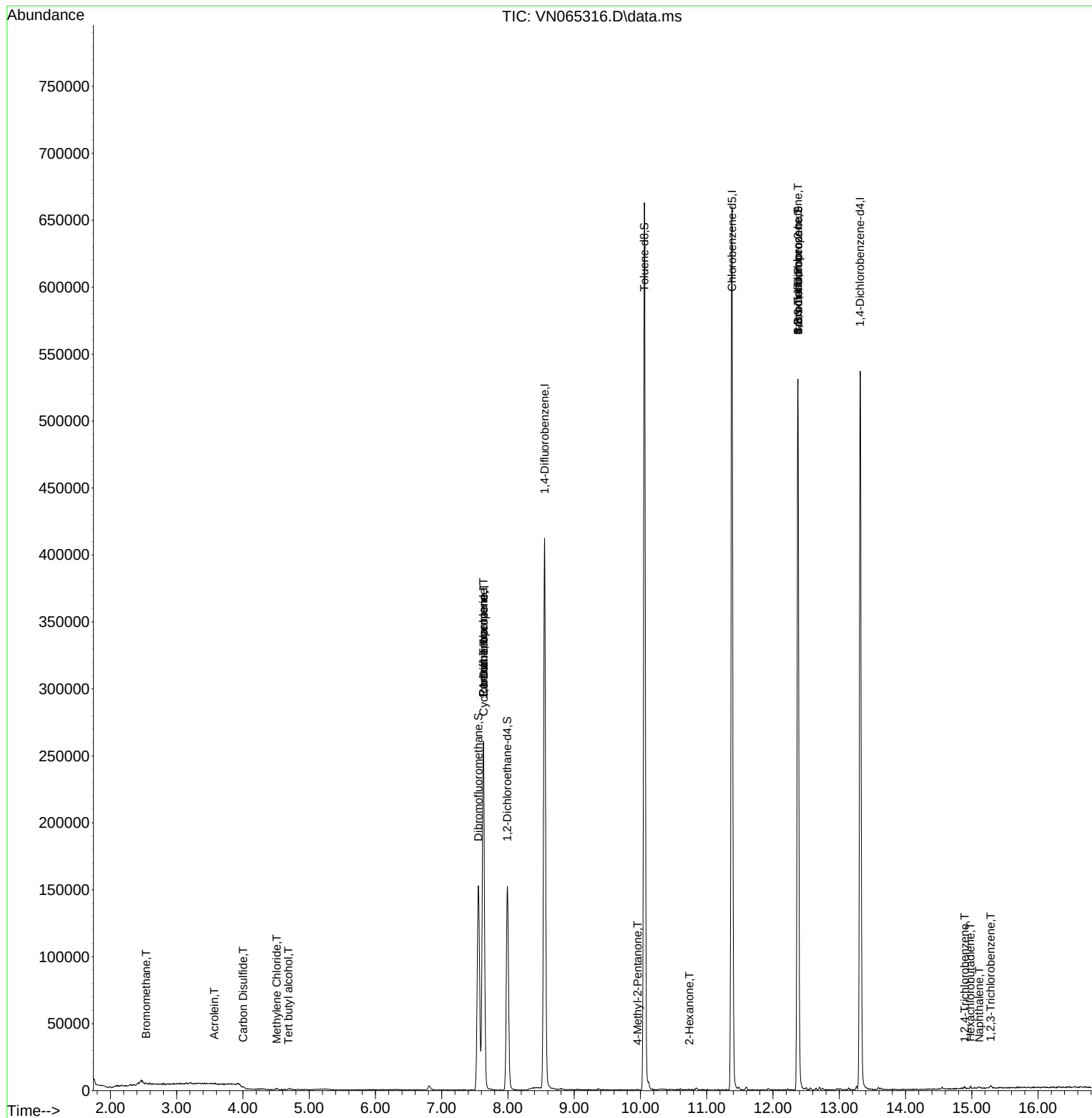
Internal Standards						
1) Pentafluorobenzene	7.627	168	235956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	386383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	407407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	162522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	132303	49.67	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.34%	
35) Dibromofluoromethane	7.553	113	118857	50.99	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.98%	
50) Toluene-d8	10.058	98	481705	55.14	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.376	95	184533	53.06	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	106.12%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.538	94	437	0.24	ug/l	91
11) Tert butyl alcohol	4.685	59	172	0.39	ug/l #	73
13) Acrolein	3.566	56	121	2.82	ug/l #	1
16) Acetone	3.791	43	574	Below Cal	#	43
17) Carbon Disulfide	4.004	76	1976	0.33	ug/l #	75
20) Methylene Chloride	4.508	84	648	0.25	ug/l #	86
31) Cyclohexane	7.634	56	4278	1.09	ug/l #	10
36) 1,1-Dichloropropene	7.631	75	15142	4.31	ug/l #	49
38) Carbon Tetrachloride	7.627	117	19750	5.35	ug/l #	17
51) 4-Methyl-2-Pentanone	9.955	43	719	0.21	ug/l #	35
59) 2-Hexanone	10.737	43	694	0.28	ug/l #	23
71) Bromoform	12.376	173	1133	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	89718	27.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	89718	68.23	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.894	180	858	3.08	ug/l #	86
94) Hexachlorobutadiene	14.981	225	672	0.33	ug/l	74
95) Naphthalene	15.113	128	2267	3.62	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.286	180	1146	3.58	ug/l #	81

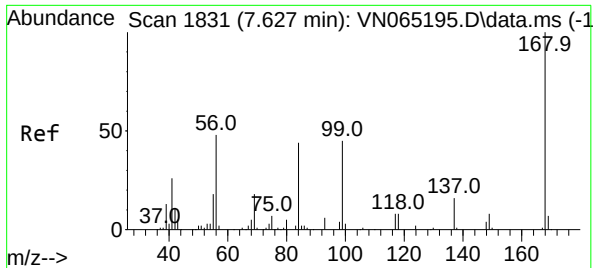
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 31 03:01:38 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

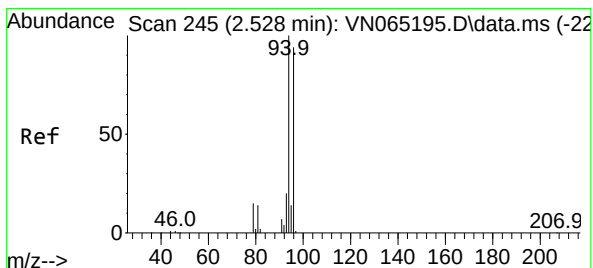
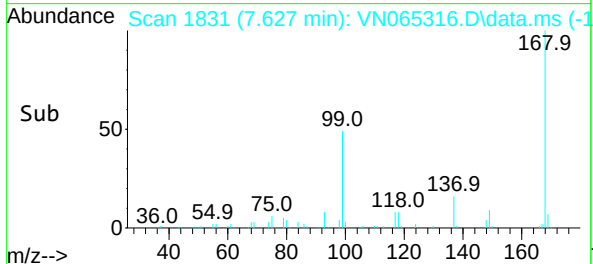
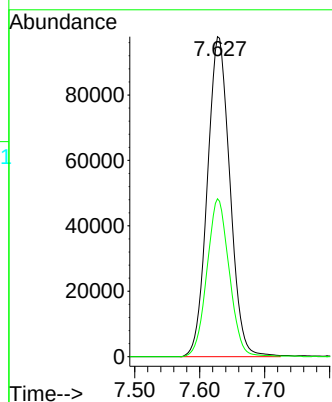
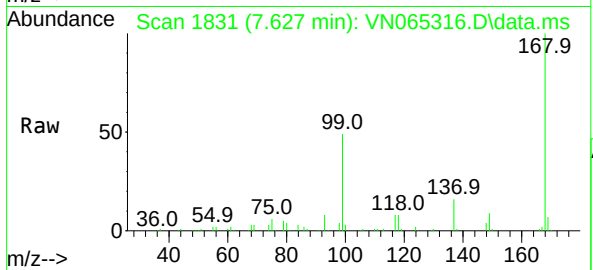




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

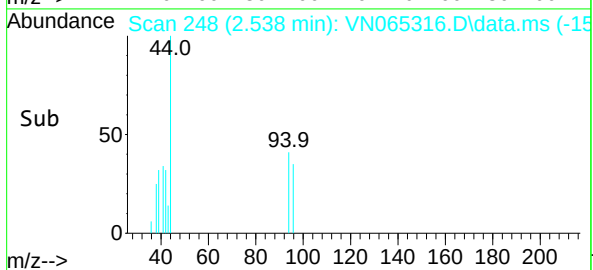
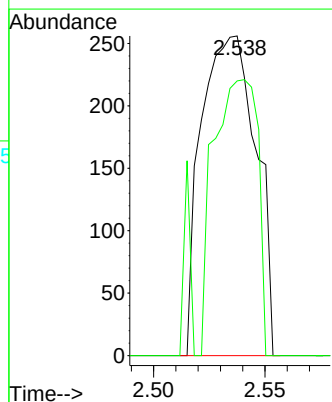
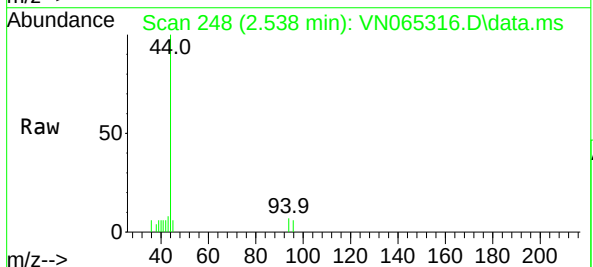
Instrument :
MSVOA_N
ClientSampled :

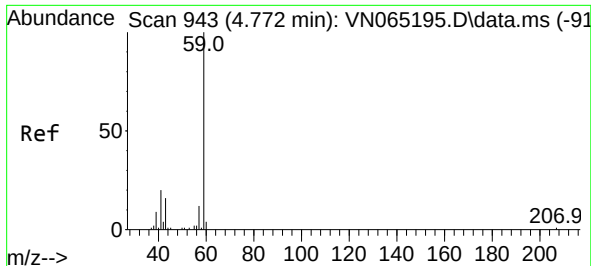
Tgt Ion:168 Resp: 235956
Ion Ratio Lower Upper
168 100
99 49.3 43.0 64.4



#5
Bromomethane
Concen: 0.24 ug/l
RT: 2.538 min Scan# 248
Delta R.T. 0.010 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 85.9 75.4 113.0

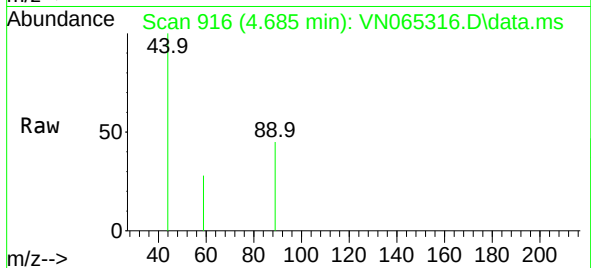




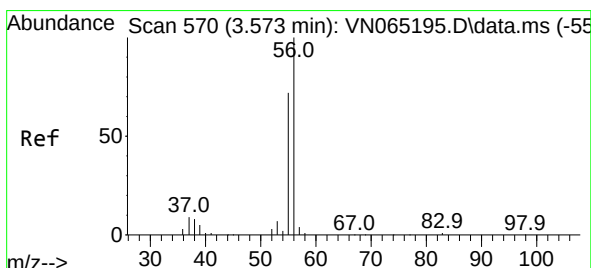
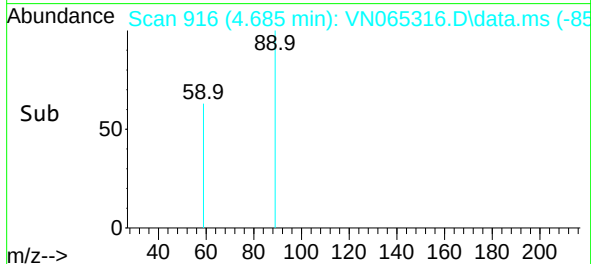
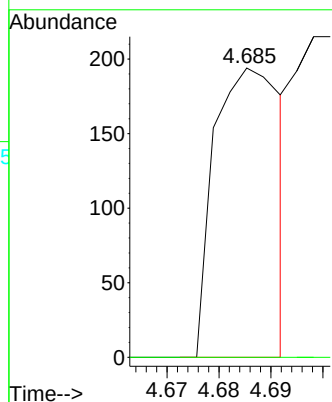
#11

Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.685 min Scan# 916
Delta R.T. -0.087 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Instrument :
MSVOA_N
ClientSampled :



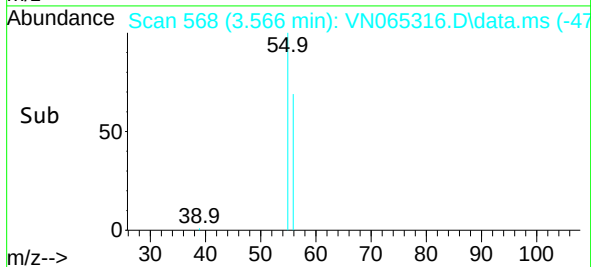
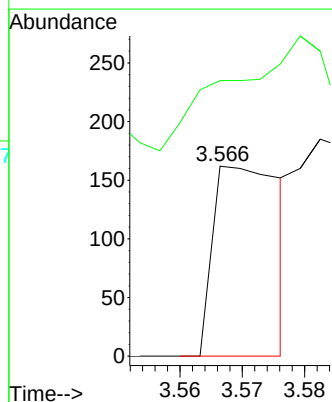
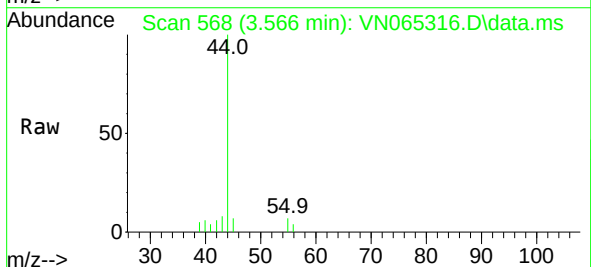
Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

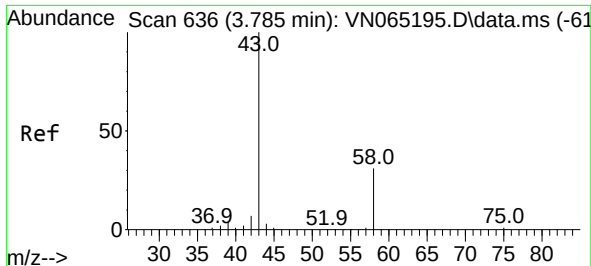


#13

Acrolein
Concen: 2.82 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.007 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 169.4 56.5 84.7#

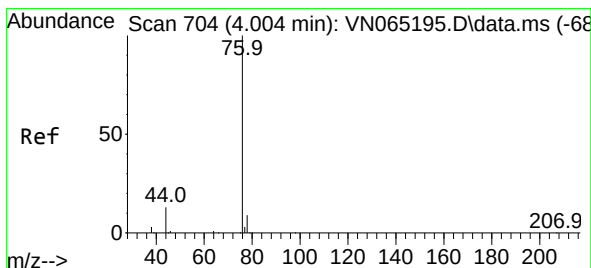
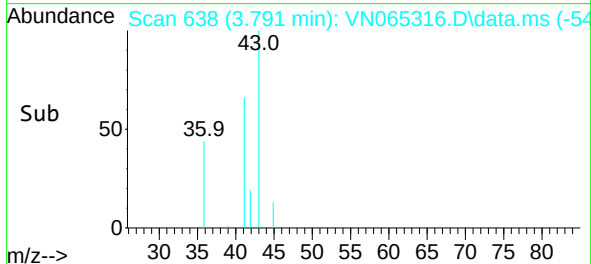
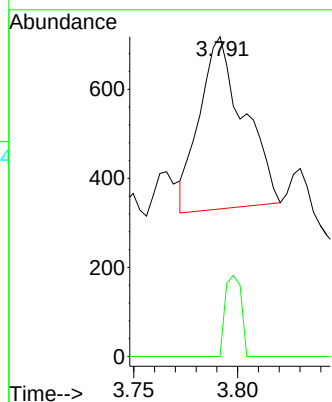
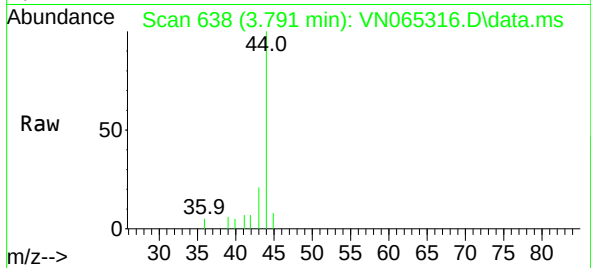




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

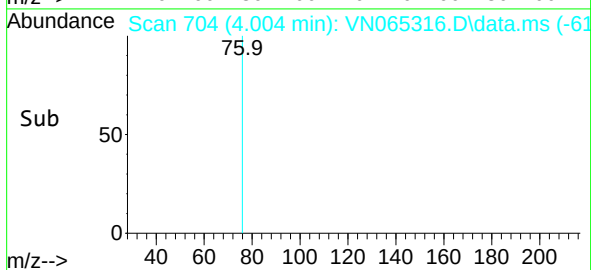
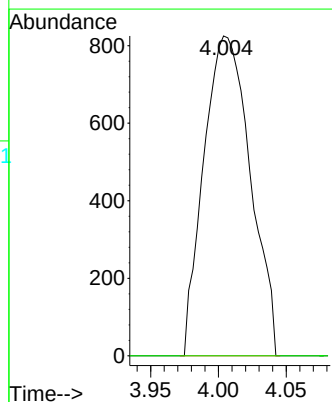
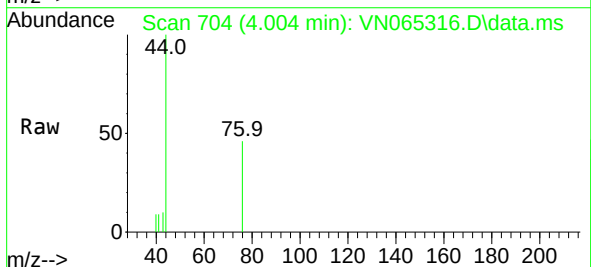
Instrument :
MSVOA_N
ClientSampled :

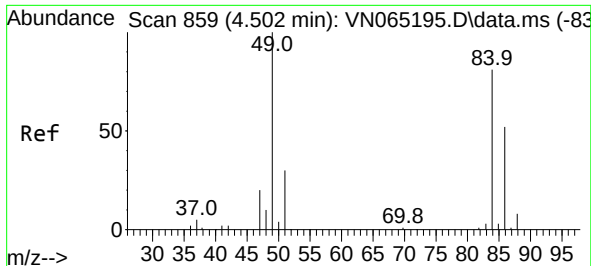
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

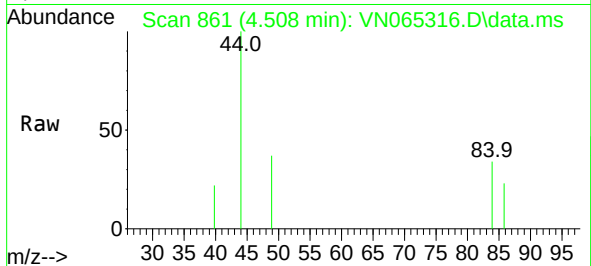
Tgt Ion: 76 Resp: 1976
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





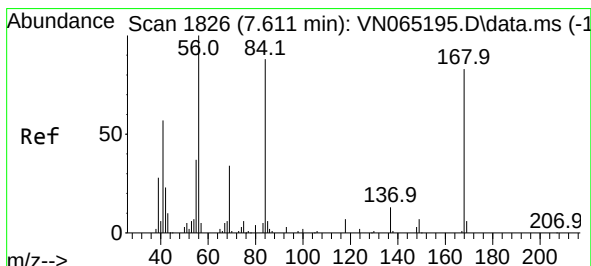
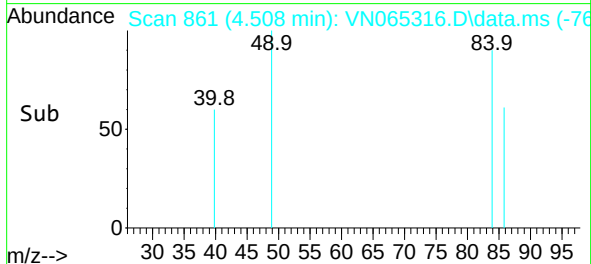
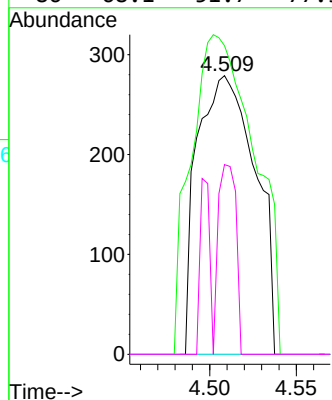
#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 648

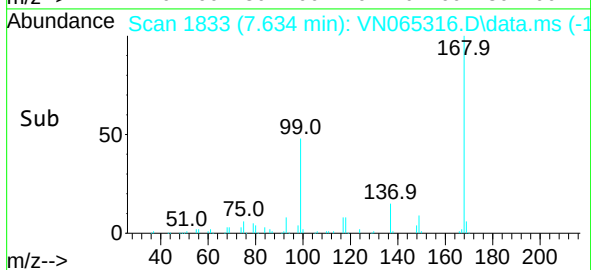
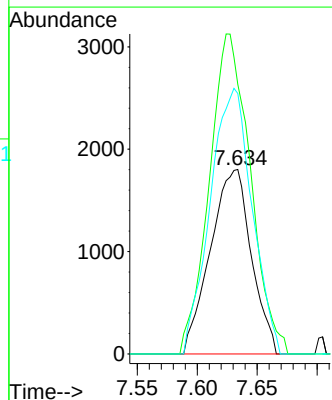
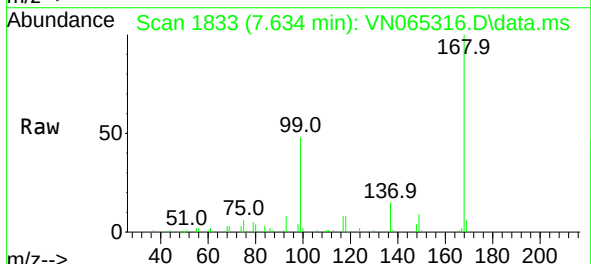
Ion	Ratio	Lower	Upper
84	100		
49	110.8	93.4	140.0
51	0.0	28.2	42.4#
86	68.1	51.7	77.5

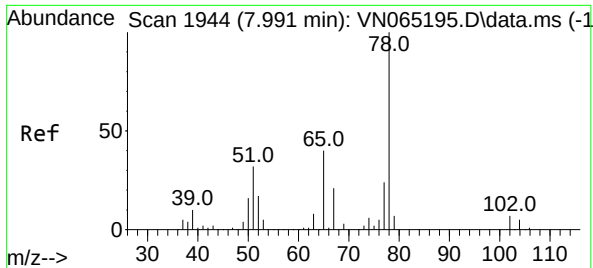


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.634 min Scan# 1833
Delta R.T. 0.023 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 56 Resp: 4278

Ion	Ratio	Lower	Upper
56	100		
69	146.2	27.5	41.3#
84	141.2	73.9	110.9#

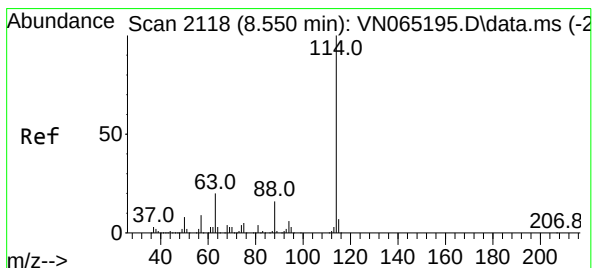
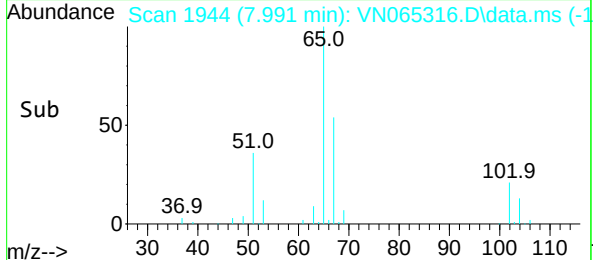
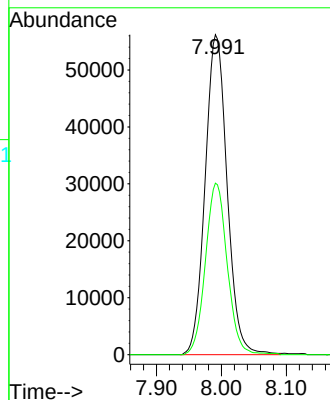
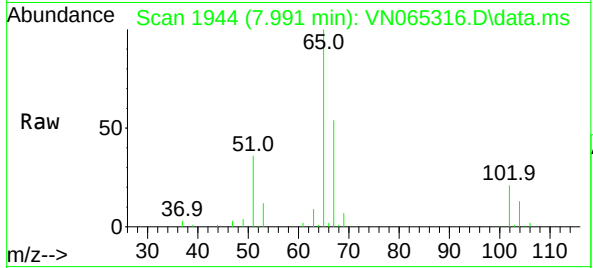




#33
1,2-Dichloroethane-d4
Concen: 49.67 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

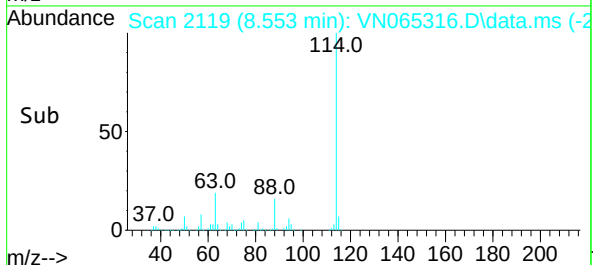
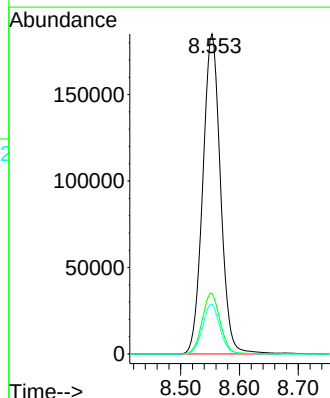
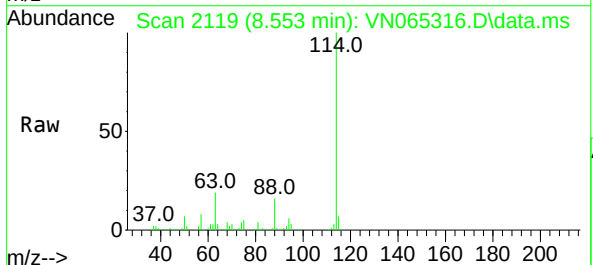
Instrument :
MSVOA_N
ClientSampleId :

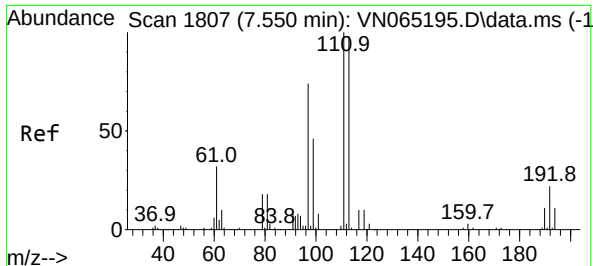
Tgt Ion: 65 Resp: 132303
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

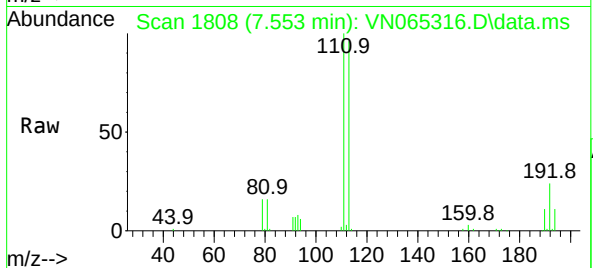
Tgt Ion: 114 Resp: 386383
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.5 0.0 32.6



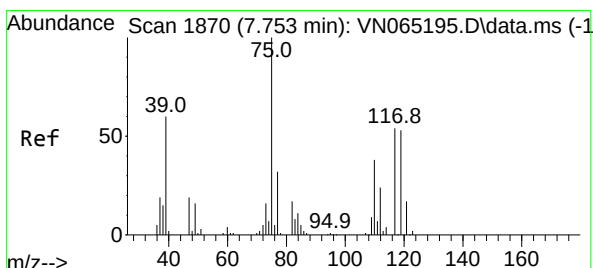
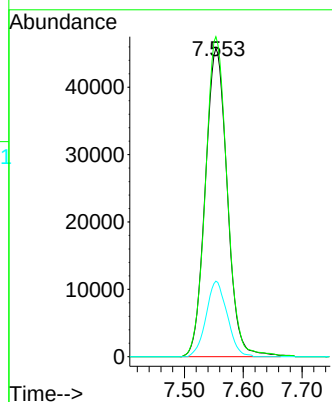
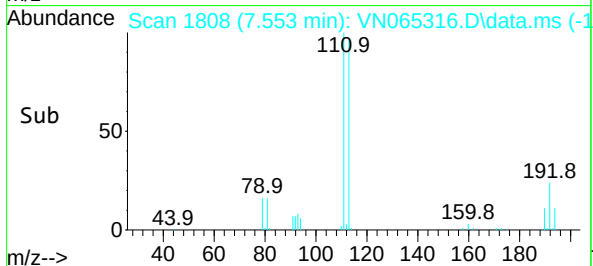


#35
Dibromofluoromethane
Concen: 50.99 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

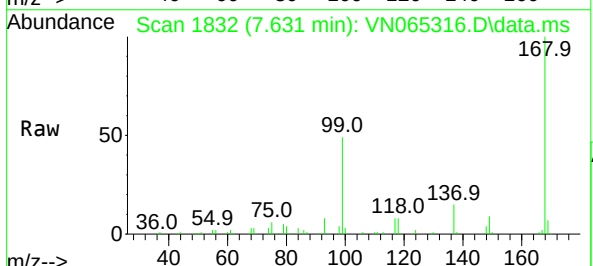
Instrument :
MSVOA_N
ClientSampled :



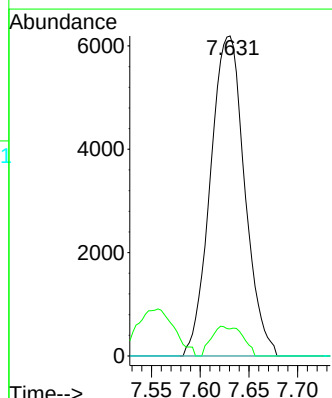
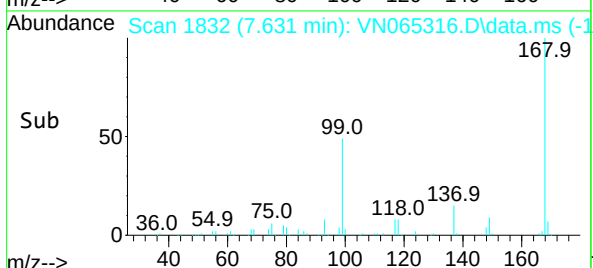
Tgt Ion:113 Resp: 118857
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 23.5 16.2 24.2

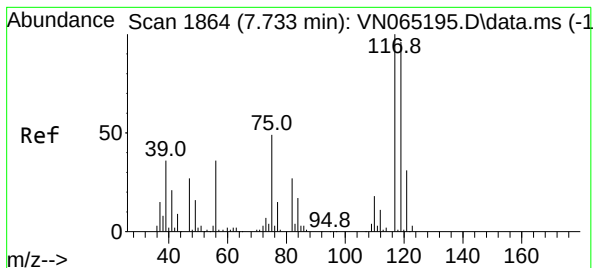


#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28



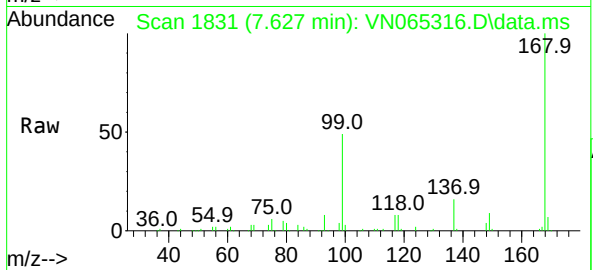
Tgt Ion: 75 Resp: 15142
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



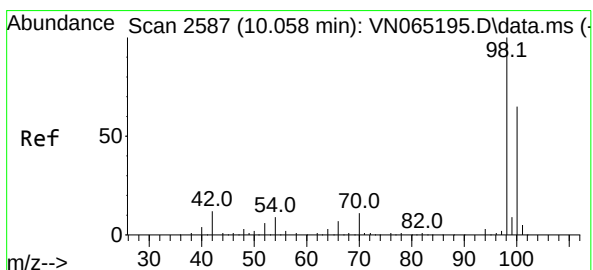
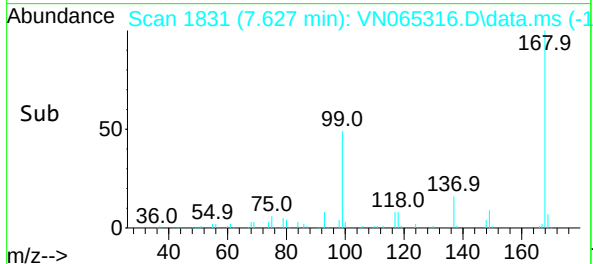
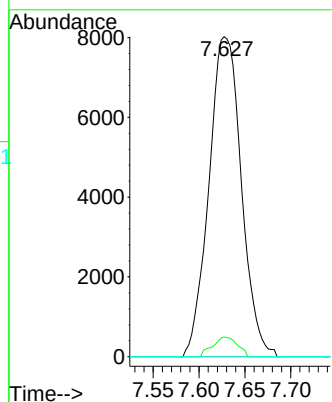


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Instrument :
MSVOA_N
ClientSampled :

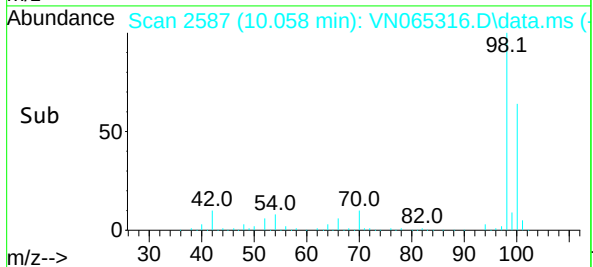
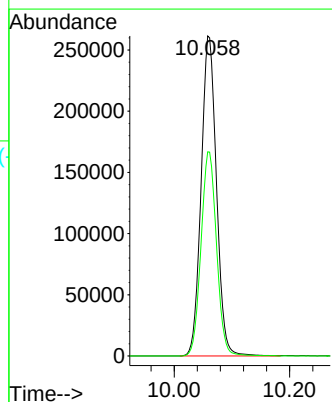
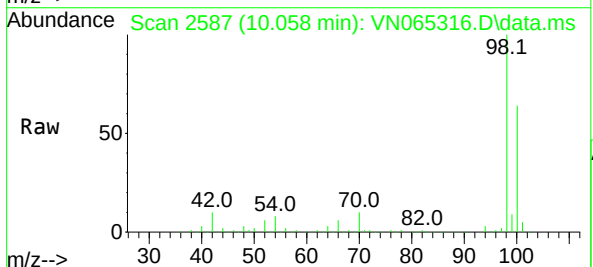


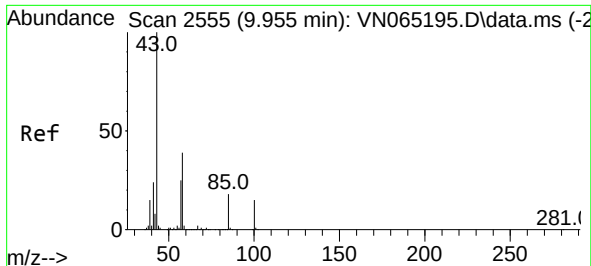
Tgt Ion:117 Resp: 19750
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 55.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 98 Resp: 481705
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

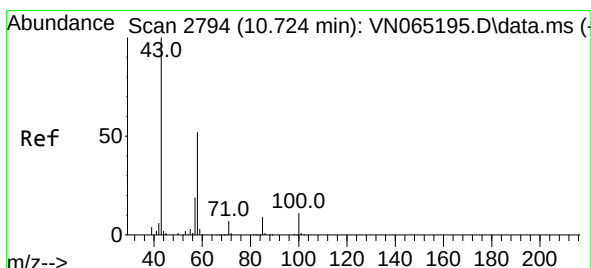
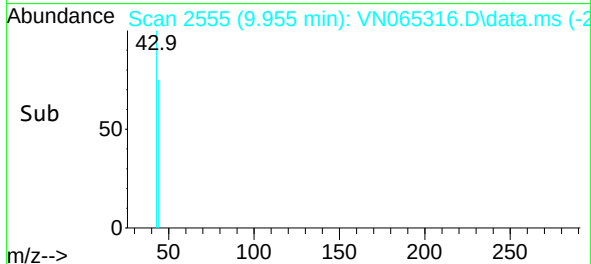
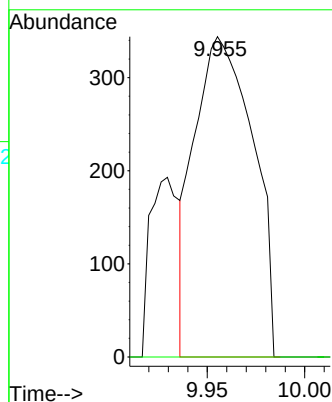
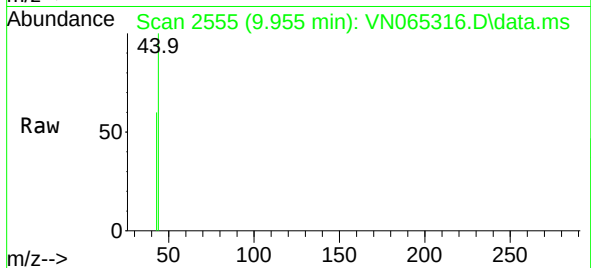




#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

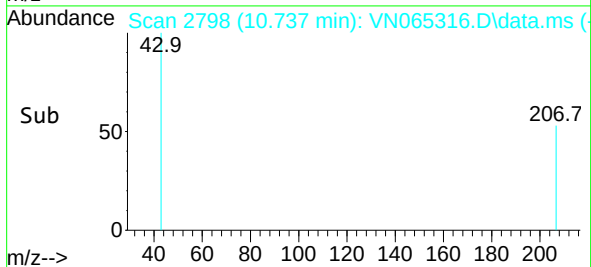
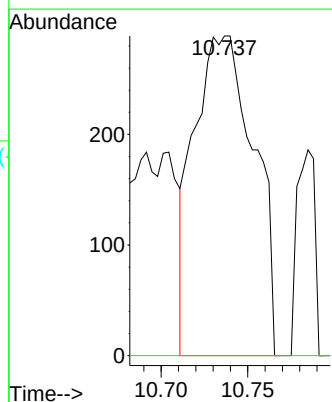
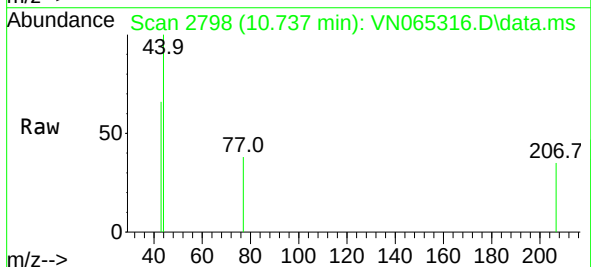
Instrument :
MSVOA_N
ClientSampled :

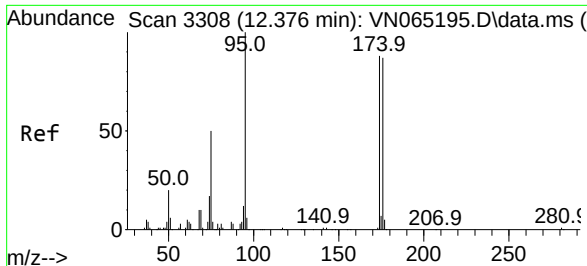
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#59
2-Hexanone
Concen: 0.28 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

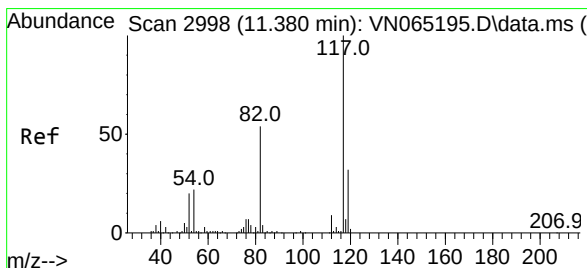
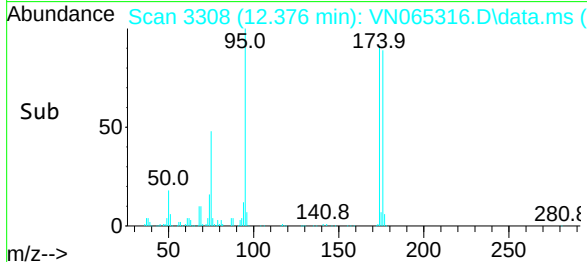
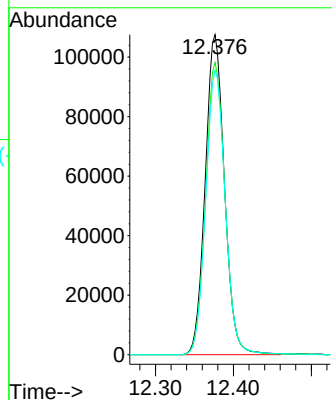
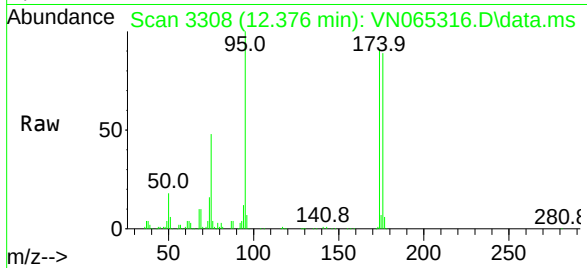




#62
4-Bromofluorobenzene
Concen: 53.06 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

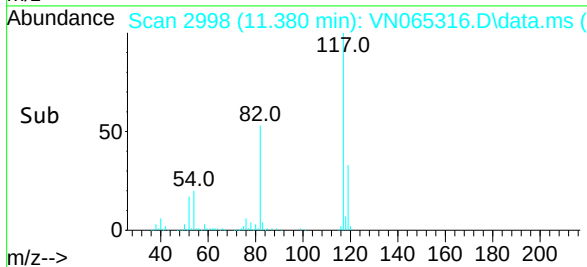
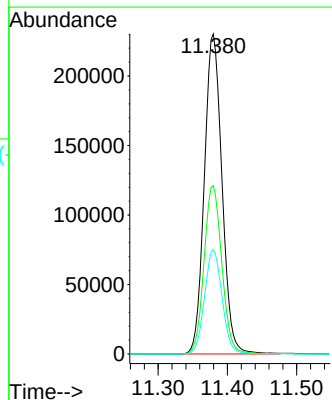
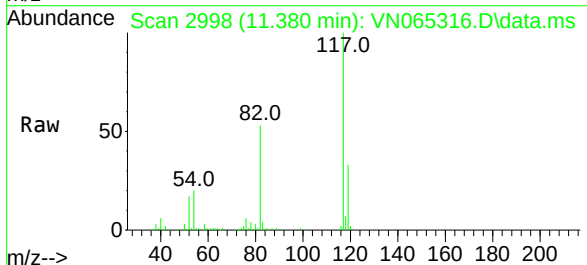
Instrument :
MSVOA_N
ClientSampleId :

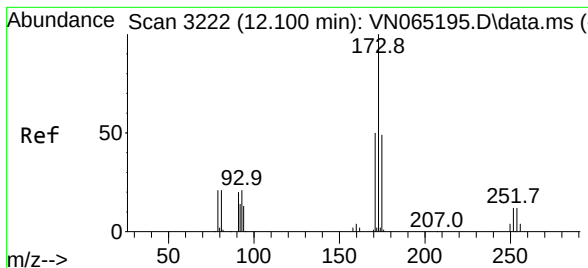
Tgt Ion: 95 Resp: 184533
Ion Ratio Lower Upper
95 100
174 92.2 0.0 160.4
176 89.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 117 Resp: 407407
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.6 25.8 38.6





#71

Bromoform

Concen: 0.41 ug/l

RT: 12.376 min Scan# 3308

Delta R.T. 0.276 min

Lab File: VN065316.D

Acq: 30 Dec 2020 13:28

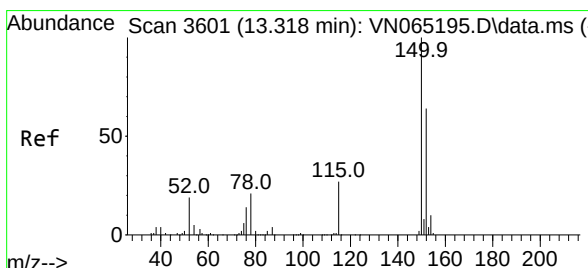
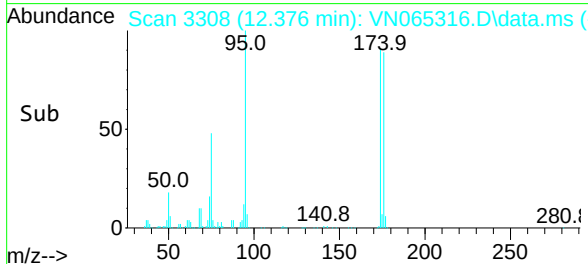
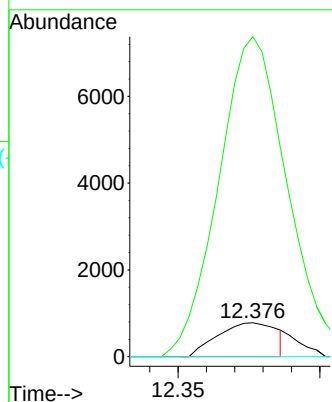
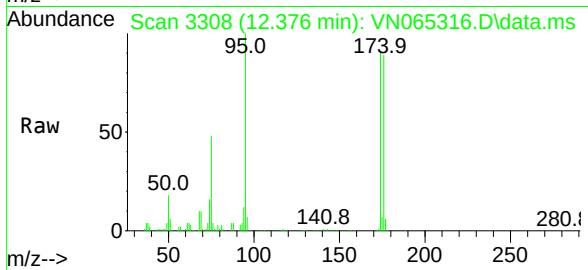
Tgt Ion:173 Resp: 1133

Ion Ratio Lower Upper

173 100

175 905.2 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.315 min Scan# 3600

Delta R.T. -0.003 min

Lab File: VN065316.D

Acq: 30 Dec 2020 13:28

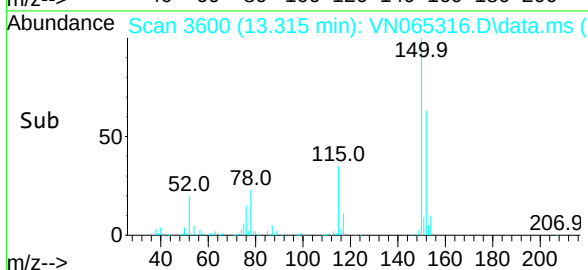
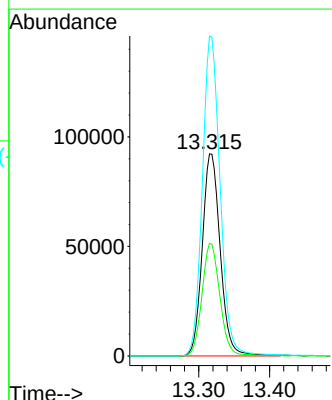
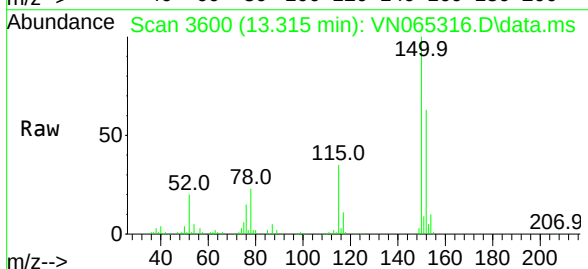
Tgt Ion:152 Resp: 162522

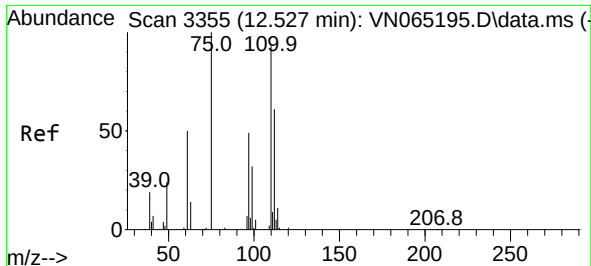
Ion Ratio Lower Upper

152 100

115 55.5 29.7 89.1

150 157.0 0.0 350.6

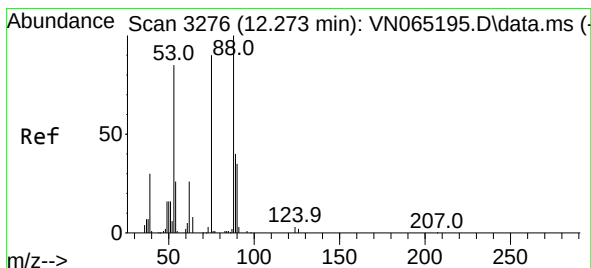
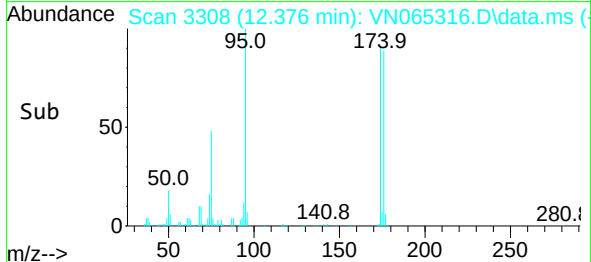
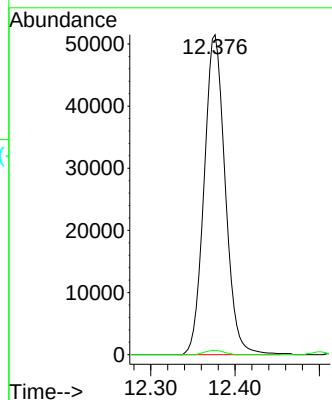
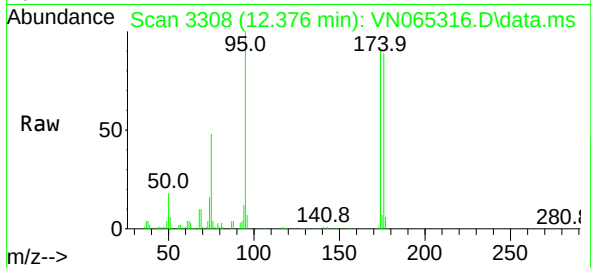




#76
1,2,3-Trichloropropane
Concen: 27.06 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

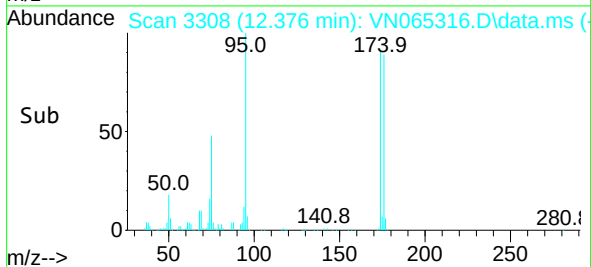
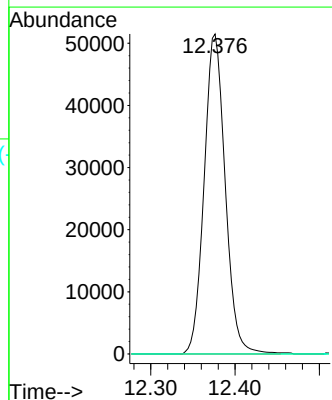
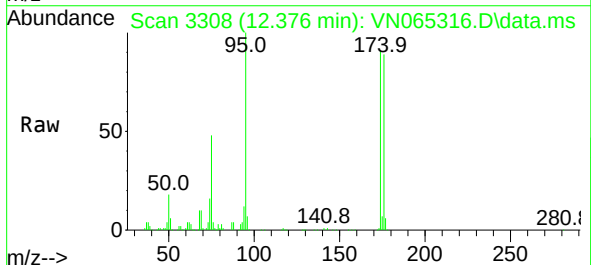
Instrument :
MSVOA_N
ClientSampleId :

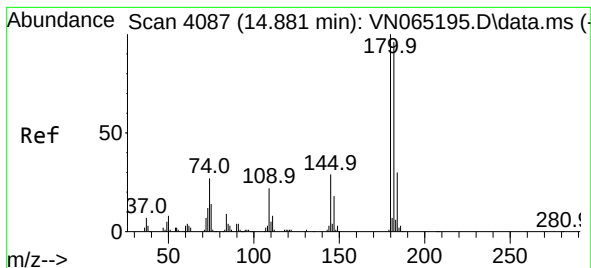
Tgt Ion: 75 Resp: 89718
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.23 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion: 75 Resp: 89718
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

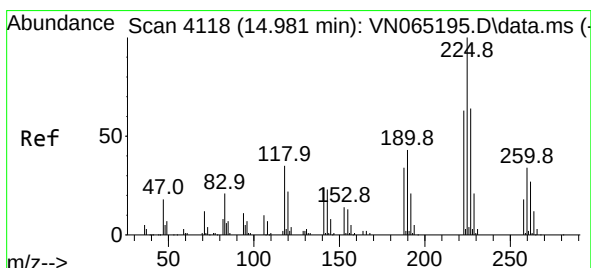
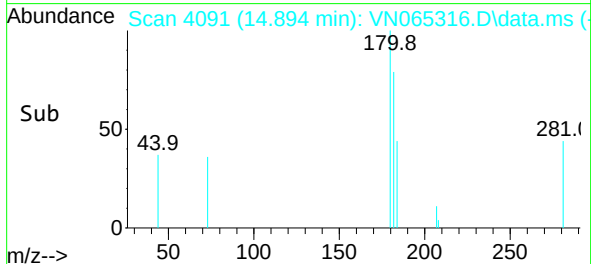
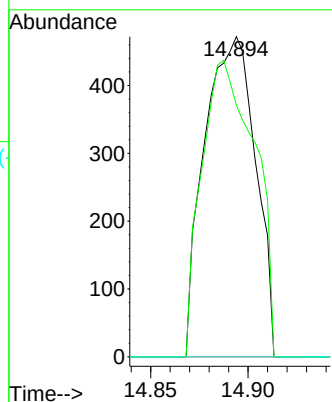
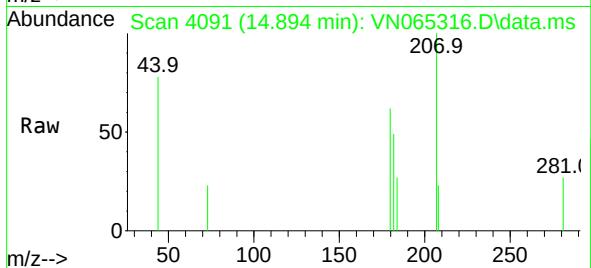




#93
1,2,4-Trichlorobenzene
Concen: 3.08 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.013 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

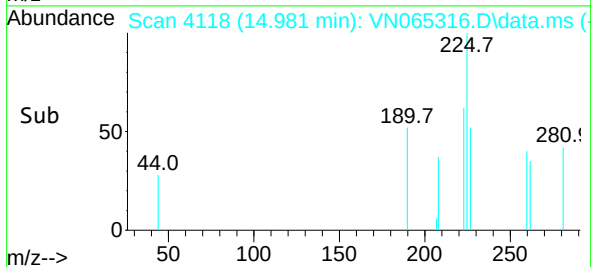
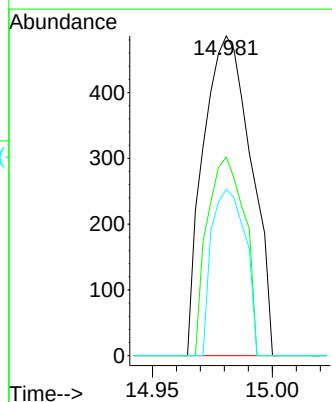
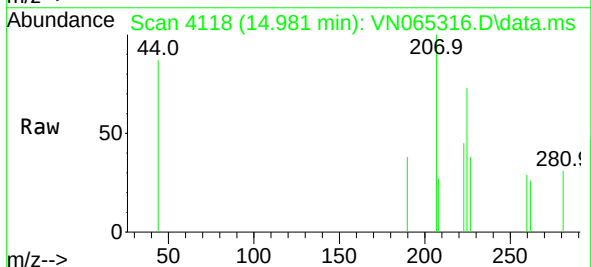
Instrument :
MSVOA_N
ClientSampleId :

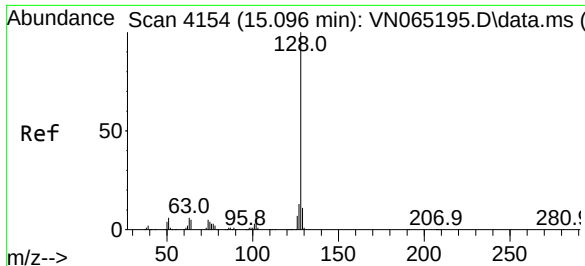
Tgt Ion:180 Resp: 858
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.9
145 0.0 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.33 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion:225 Resp: 672
Ion Ratio Lower Upper
225 100
223 48.4 31.0 93.0
227 36.8 32.0 96.0

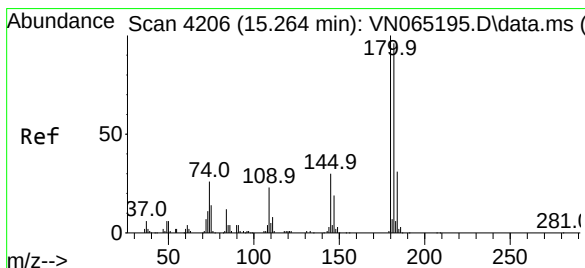
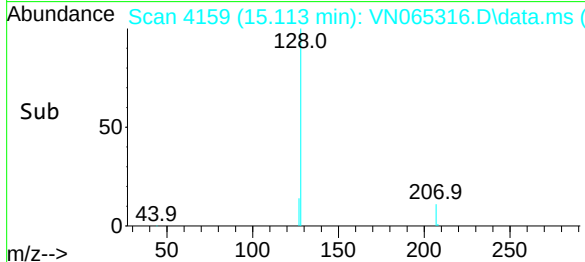
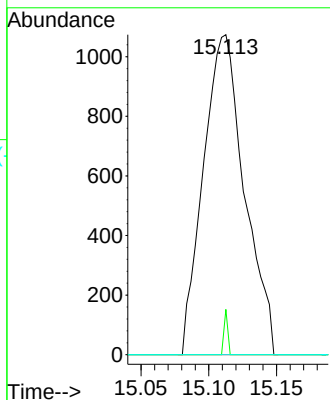
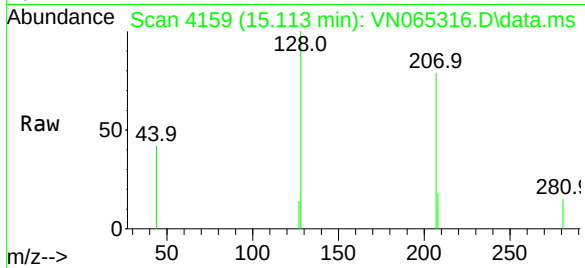




#95
Naphthalene
Concen: 3.62 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2267
Ion Ratio Lower Upper
128 100
127 1.3 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.58 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.022 min
Lab File: VN065316.D
Acq: 30 Dec 2020 13:28

Tgt Ion:180 Resp: 1146
Ion Ratio Lower Upper
180 100
182 84.9 48.1 144.4
145 8.9 16.4 49.1#

