

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065466.D
 Acq On : 11 Jan 2021 14:26
 Operator : JC/MD
 Sample : M1039-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:07:58 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)

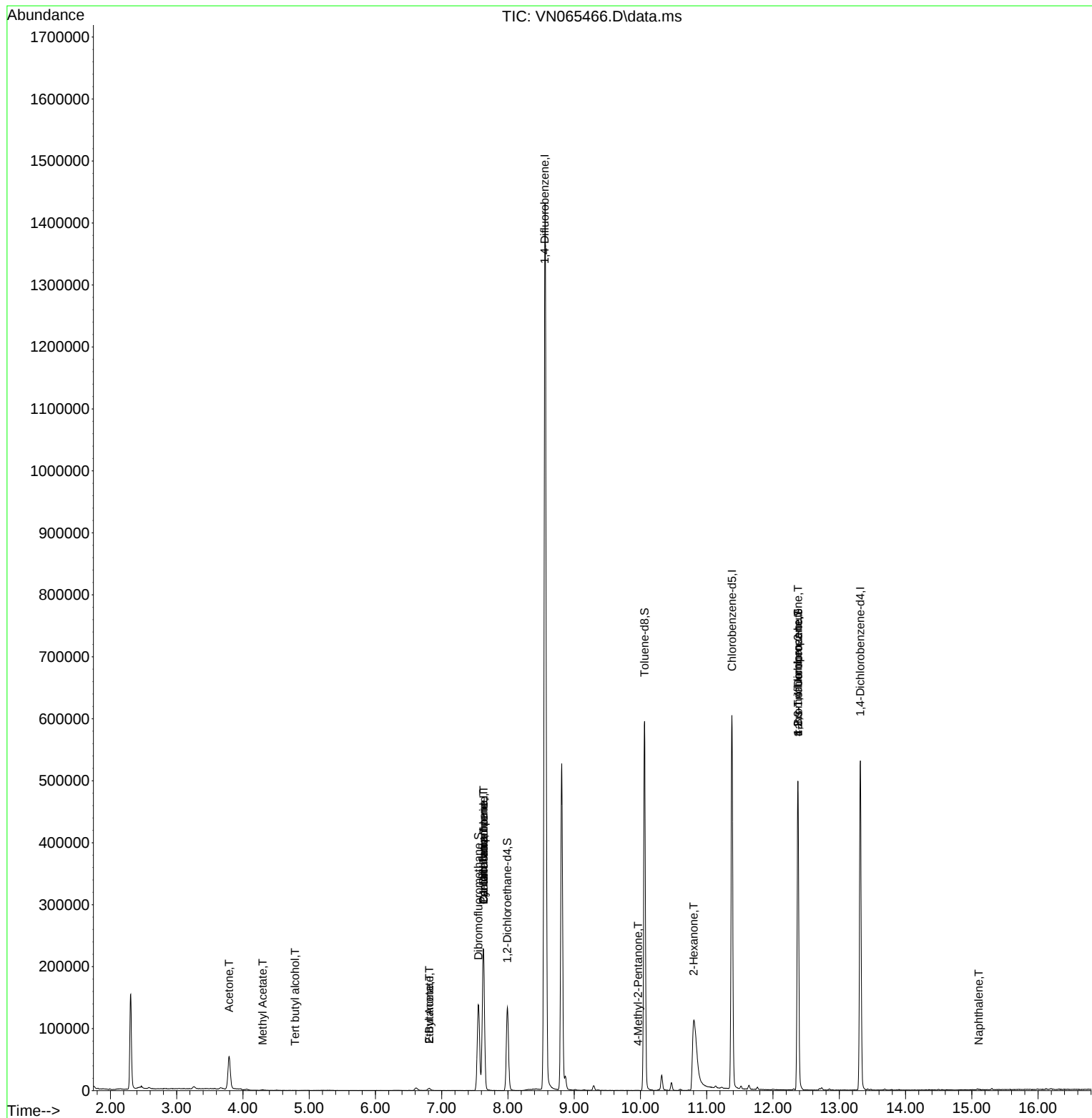
Internal Standards						
1) Pentafluorobenzene	7.631	168	211939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	360066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	377657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	161402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	118656	49.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.18%			
35) Dibromofluoromethane	7.553	113	108921	50.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.28%			
50) Toluene-d8	10.061	98	435472	53.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.98%			
62) 4-Bromofluorobenzene	12.376	95	170946	52.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.54%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.788	59	209	0.53	ug/l #	73
16) Acetone	3.792	43	83667	75.84	ug/l	94
18) Methyl Acetate	4.296	43	2311	1.08	ug/l #	55
25) 2-Butanone	6.811	43	3964	2.95	ug/l	93
31) Cyclohexane	7.631	56	3204	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	13370	4.08	ug/l #	49
37) Ethyl Acetate	6.811	43	3964	1.22	ug/l #	66
38) Carbon Tetrachloride	7.631	117	17589	5.12	ug/l #	16
51) 4-Methyl-2-Pentanone	9.965	43	629	0.20	ug/l #	35
59) 2-Hexanone	10.804	43	80337	34.75	ug/l #	35
76) 1,2,3-Trichloropropane	12.376	75	82828	25.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	82828	63.43	ug/l #	15
95) Naphthalene	15.106	128	708	3.45	ug/l #	69

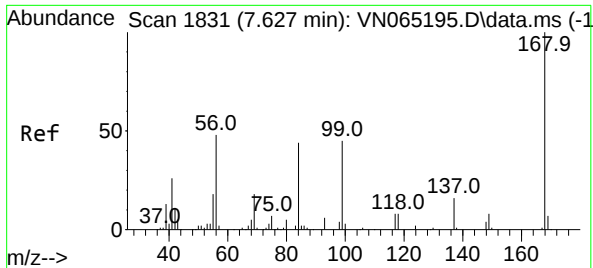
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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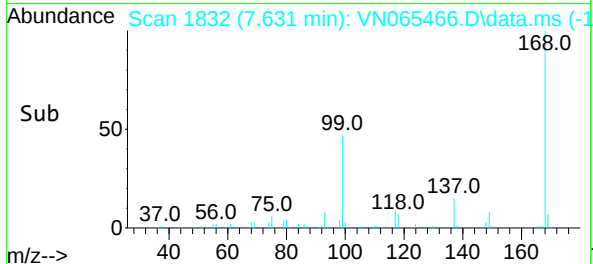
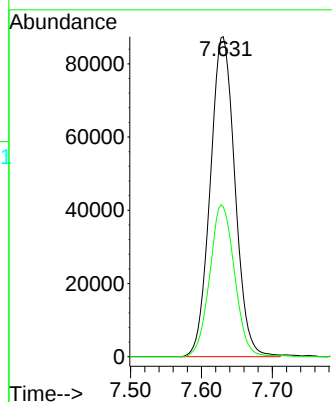
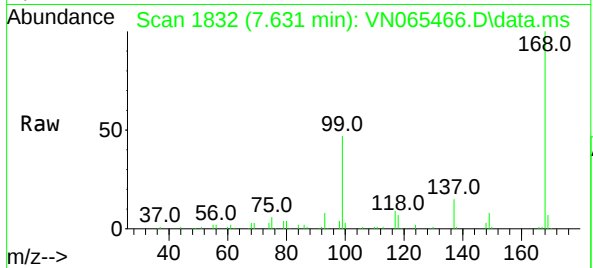




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

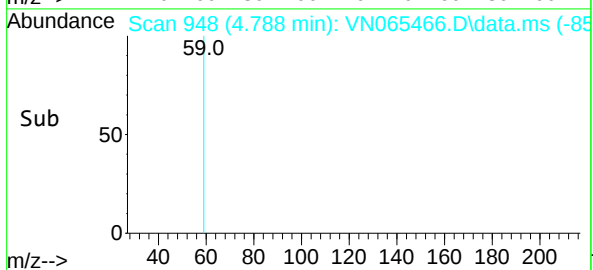
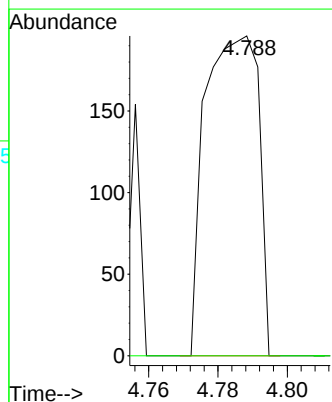
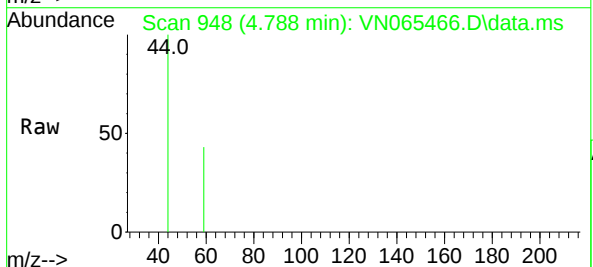
Instrument :
MSVOA_N
ClientSampled :

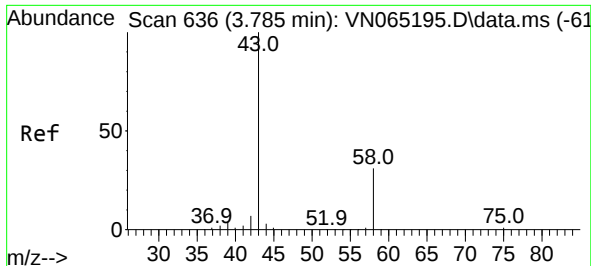
Tgt Ion:168 Resp: 211939
Ion Ratio Lower Upper
168 100
99 46.9 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 4.788 min Scan# 948
Delta R.T. 0.016 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

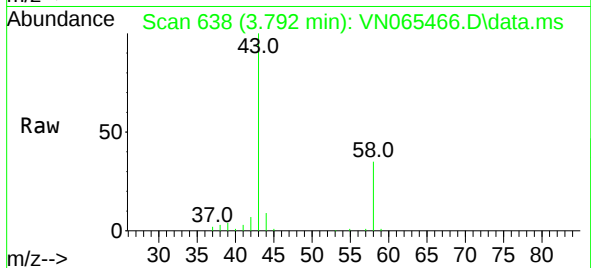
Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



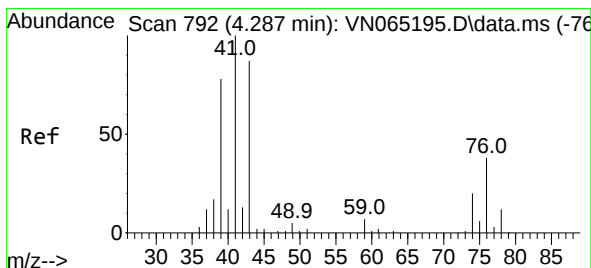
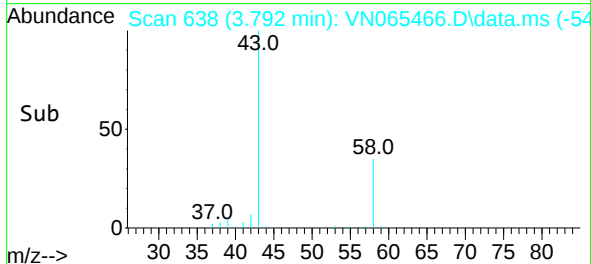
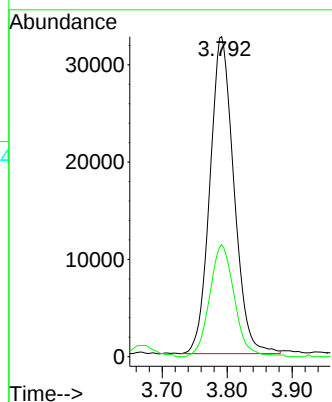


#16
Acetone
Concen: 75.84 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Instrument :
MSVOA_N
ClientSampled :

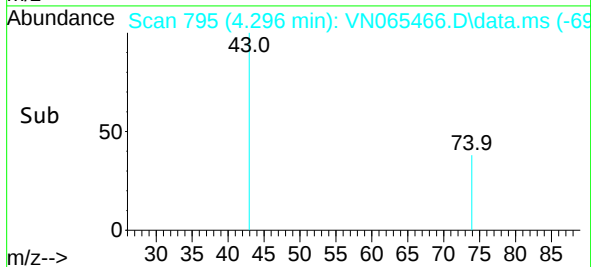
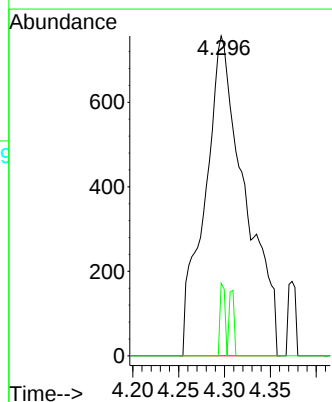
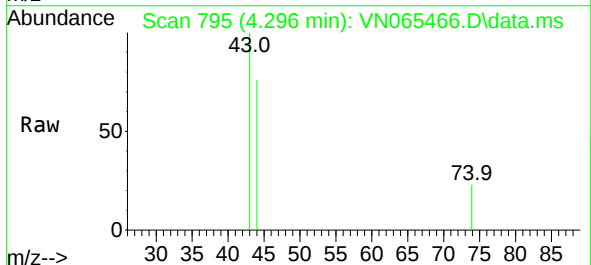


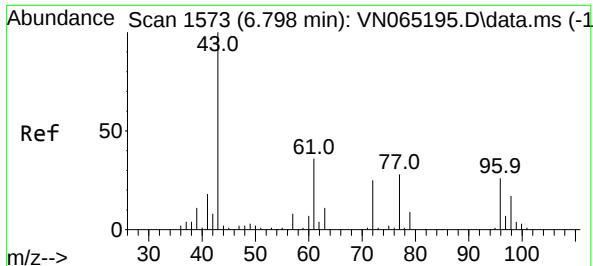
Tgt Ion: 43 Resp: 83667
Ion Ratio Lower Upper
43 100
58 35.4 25.7 38.5



#18
Methyl Acetate
Concen: 1.08 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
74 2.8 20.2 30.2#

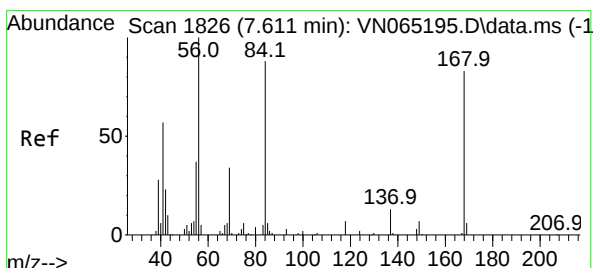
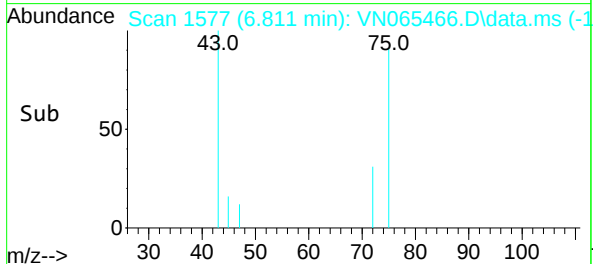
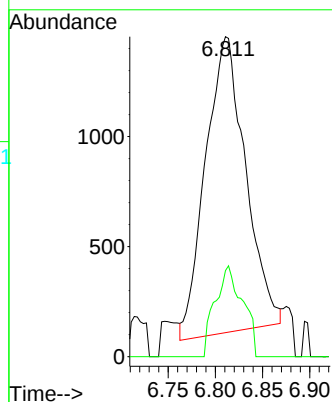
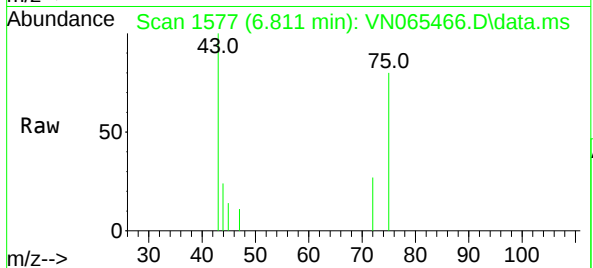




#25
2-Butanone
Concen: 2.95 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

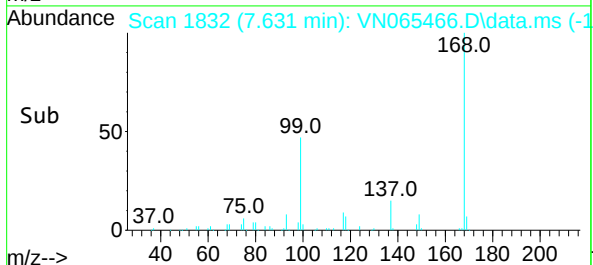
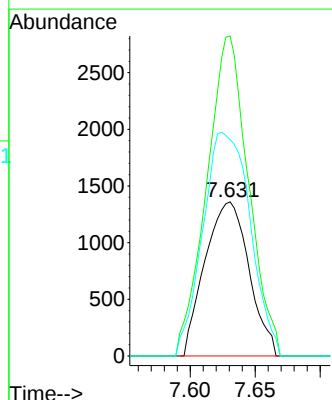
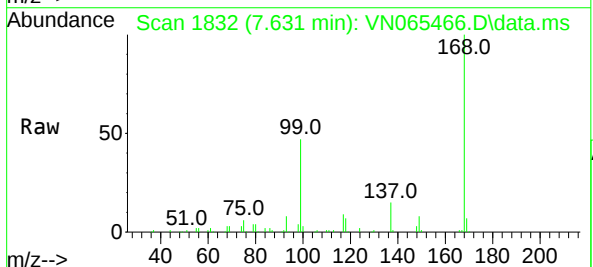
Instrument :
MSVOA_N
ClientSampled :

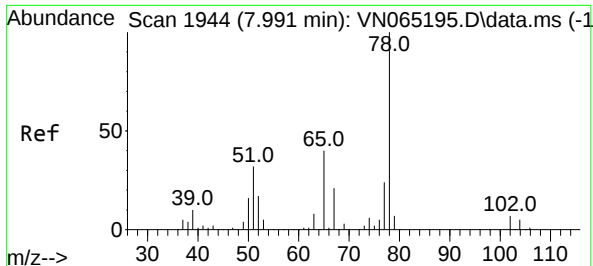
Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
72 30.0 21.0 31.6



#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 56 Resp: 3204
Ion Ratio Lower Upper
56 100
69 207.8 27.5 41.3#
84 140.5 73.9 110.9#



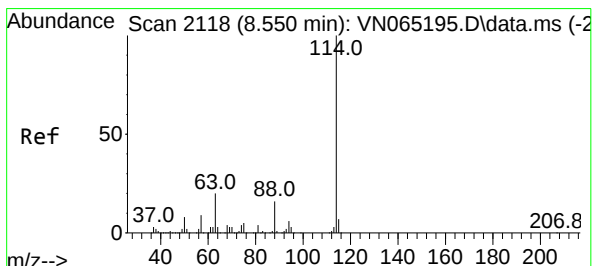
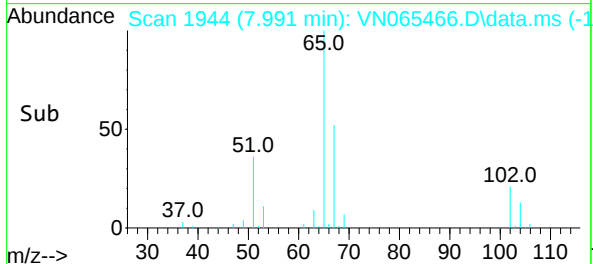
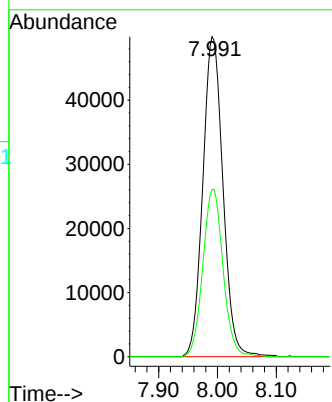
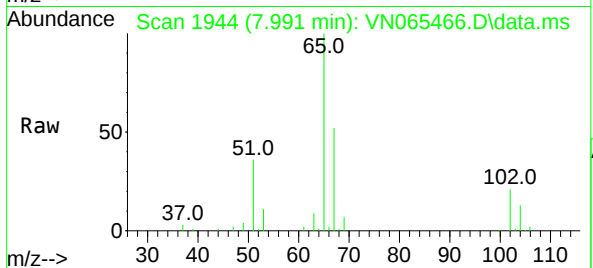


#33

1,2-Dichloroethane-d4
Concen: 49.59 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Instrument :
MSVOA_N
ClientSampled :

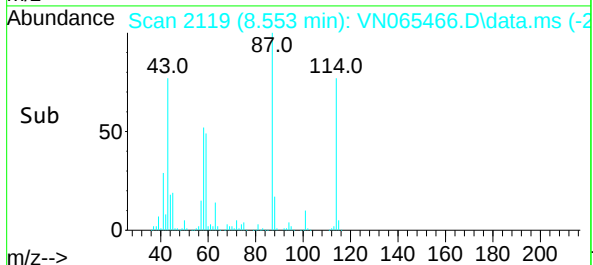
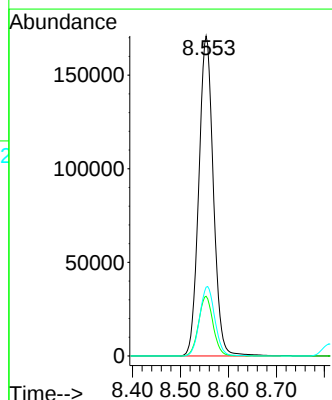
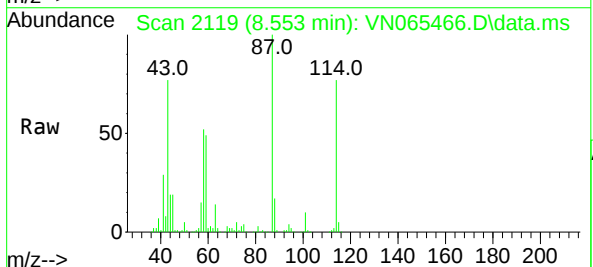
Tgt Ion: 65 Resp: 118656
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2

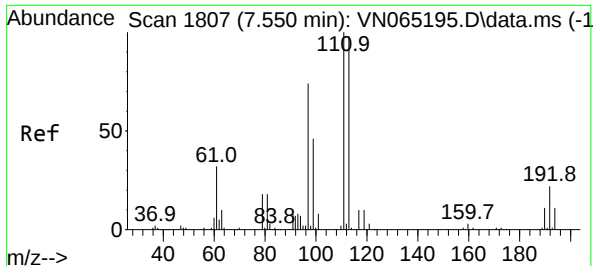


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 114 Resp: 360066
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 21.5 0.0 32.6

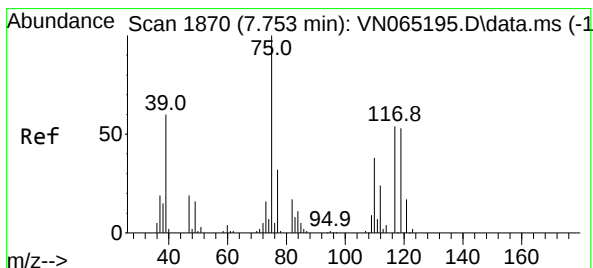
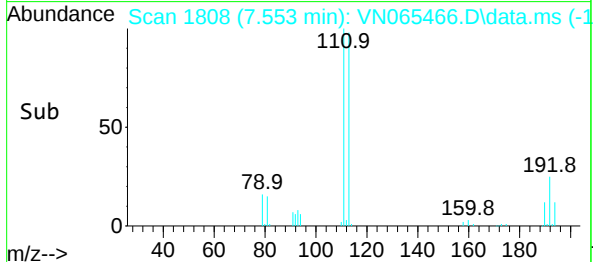
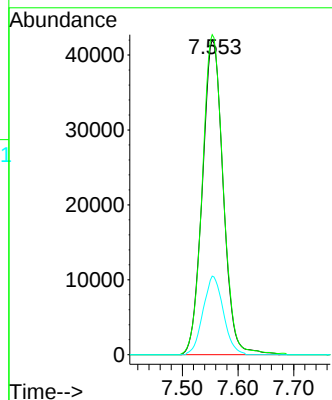
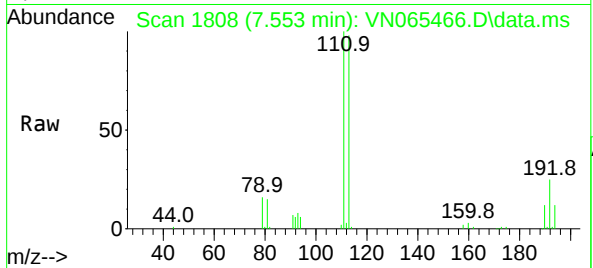




#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

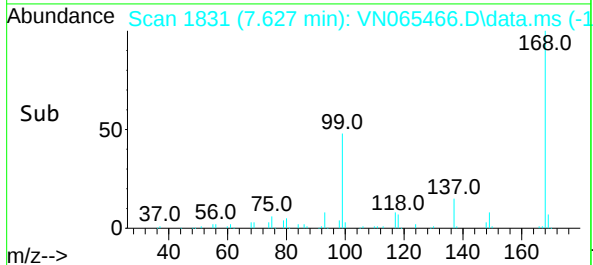
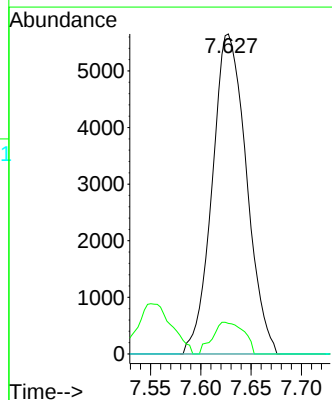
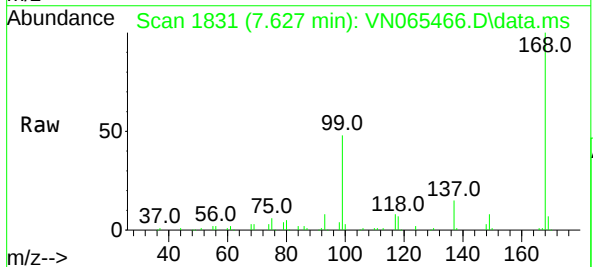
Instrument :
MSVOA_N
ClientSampled :

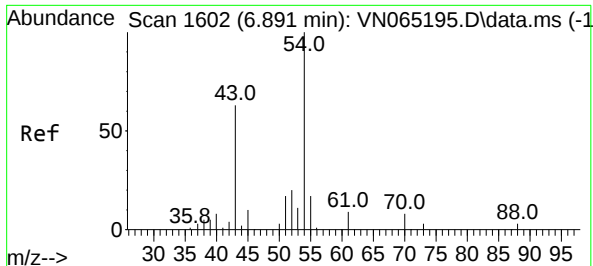
Tgt Ion:113 Resp: 108921
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 24.4 16.2 24.2#



#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 75 Resp: 13370
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.22 ug/l

RT: 6.811 min Scan# 1577

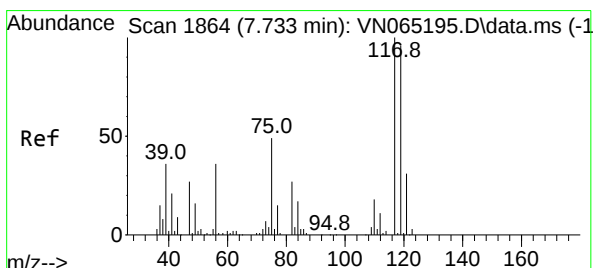
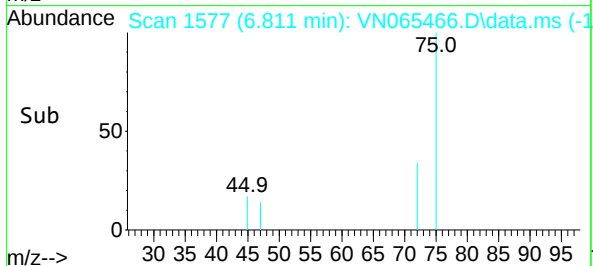
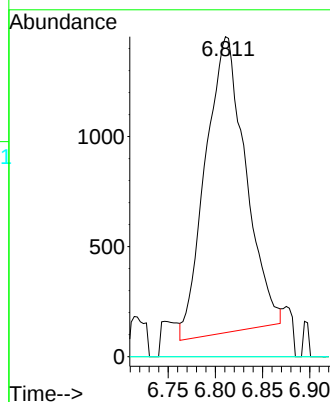
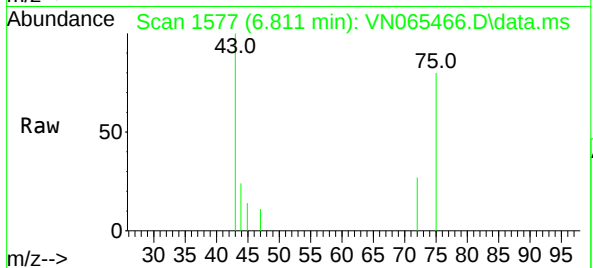
Delta R.T. -0.080 min

Lab File: VN065466.D

Acq: 11 Jan 2021 14:26

Tgt Ion:	43	Resp:	3964
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.12 ug/l

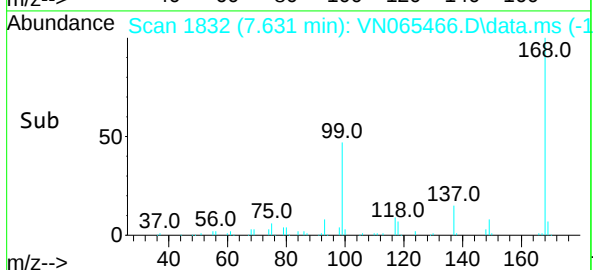
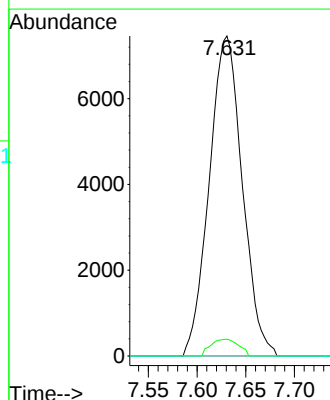
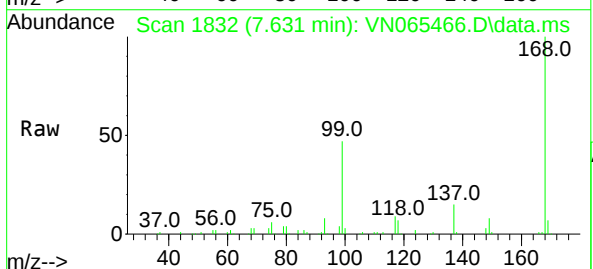
RT: 7.631 min Scan# 1832

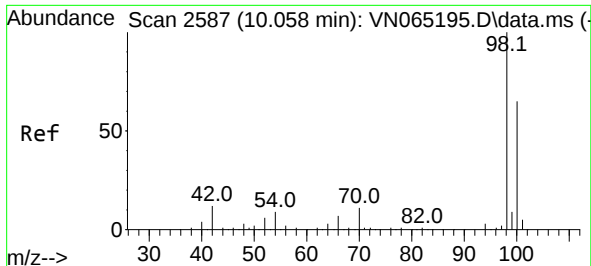
Delta R.T. -0.102 min

Lab File: VN065466.D

Acq: 11 Jan 2021 14:26

Tgt Ion:	117	Resp:	17589
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.7	115.1#
121	0.0	25.4	38.2#

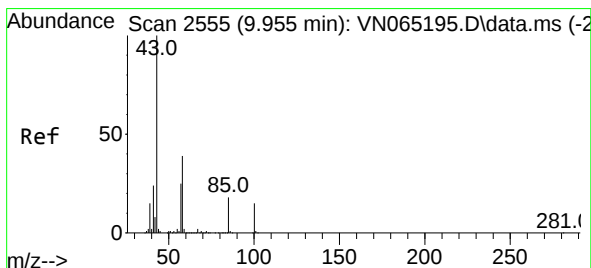
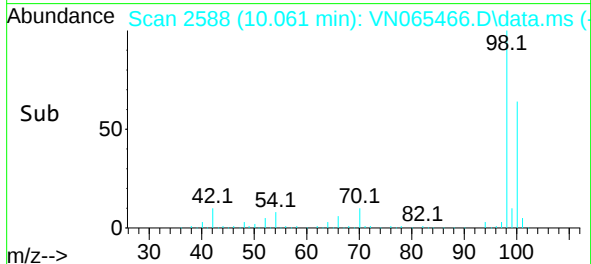
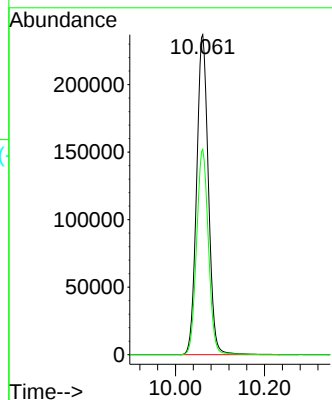
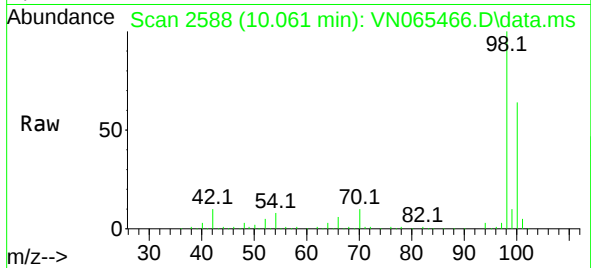




#50
Toluene-d8
Concen: 53.49 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

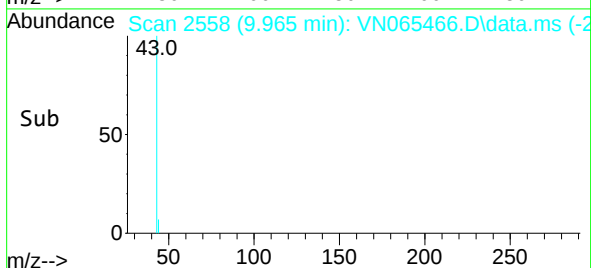
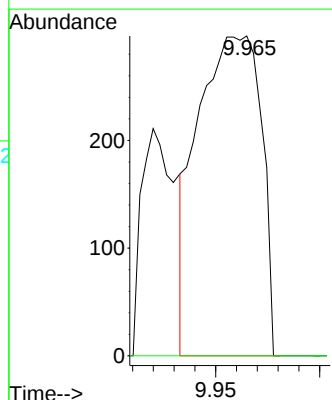
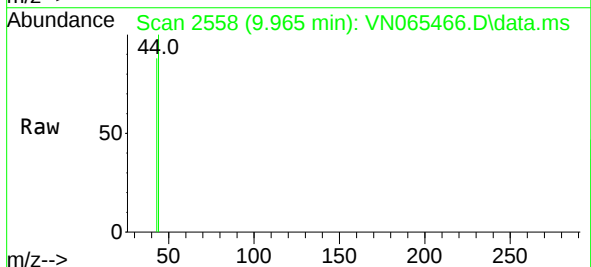
Instrument :
MSVOA_N
ClientSampled :

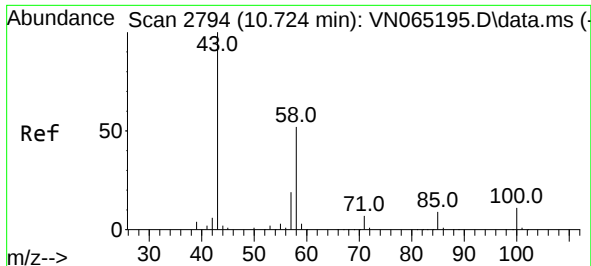
Tgt Ion: 98 Resp: 435472
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 9.965 min Scan# 2558
Delta R.T. 0.010 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#

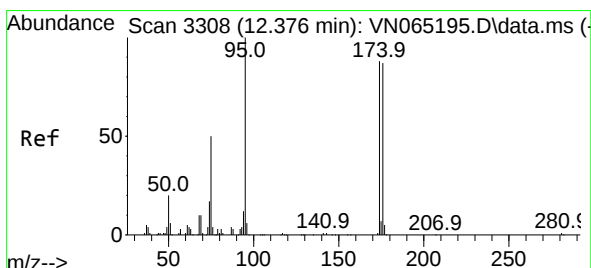
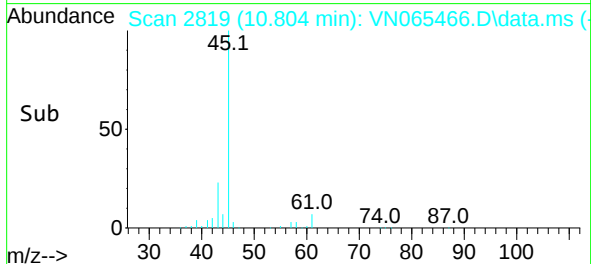
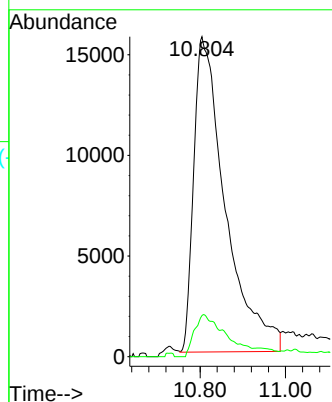
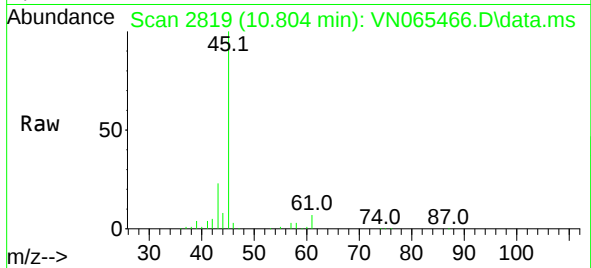




#59
2-Hexanone
Concen: 34.75 ug/l
RT: 10.804 min Scan# 2819
Delta R.T. 0.080 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

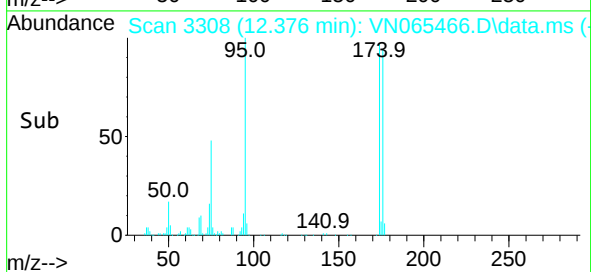
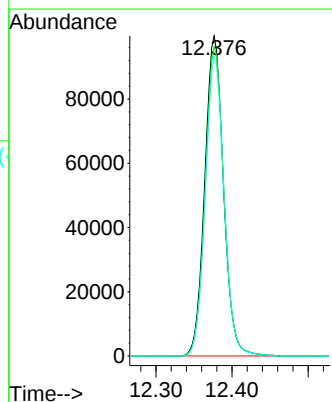
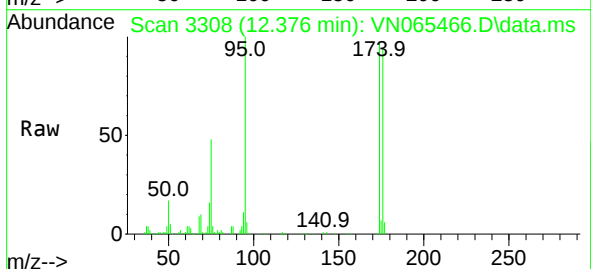
Instrument :
MSVOA_N
ClientSampled :

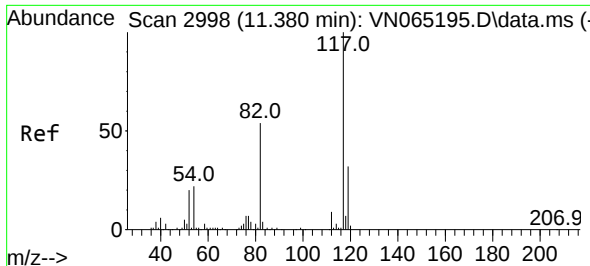
Tgt Ion: 43 Resp: 80337
Ion Ratio Lower Upper
43 100
58 8.9 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 52.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 95 Resp: 170946
Ion Ratio Lower Upper
95 100
174 96.7 0.0 160.4
176 93.4 0.0 158.4

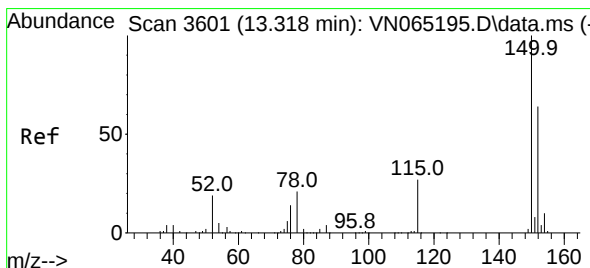
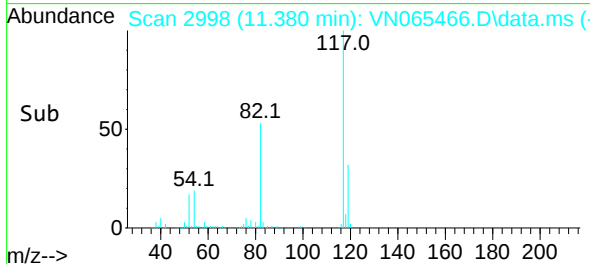
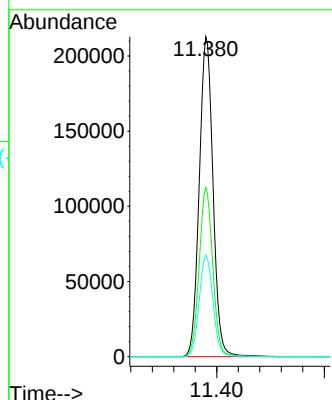
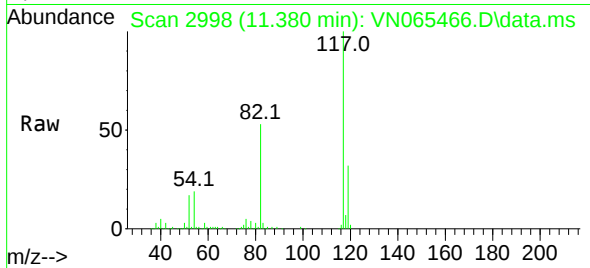




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

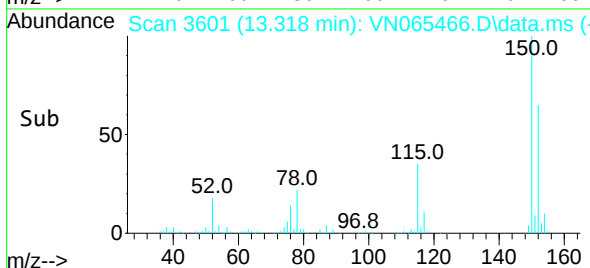
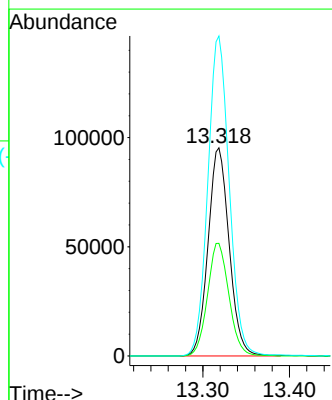
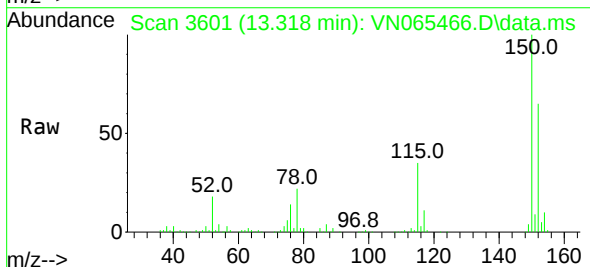
Instrument :
MSVOA_N
ClientSampleId :

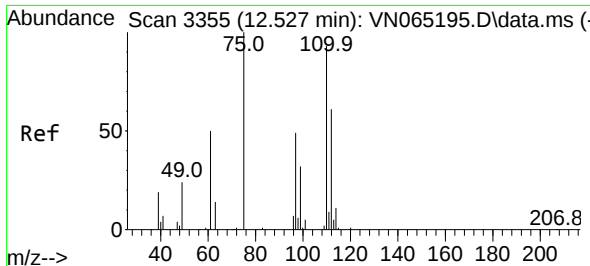
Tgt Ion:117 Resp: 377657
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion:152 Resp: 161402
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 155.7 0.0 350.6

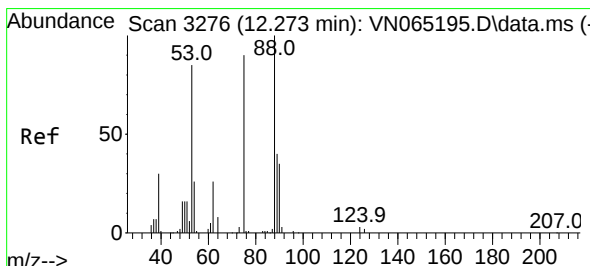
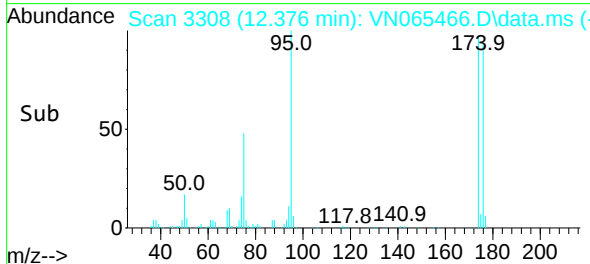
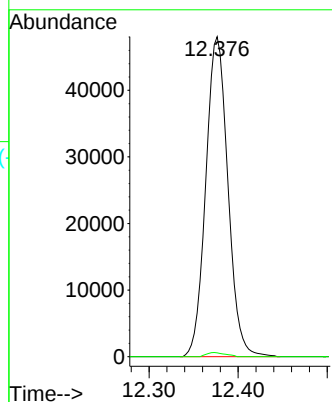
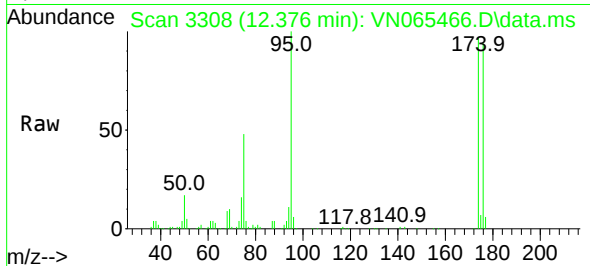




#76
1,2,3-Trichloropropane
Concen: 25.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

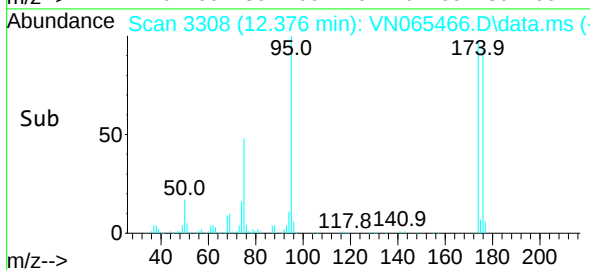
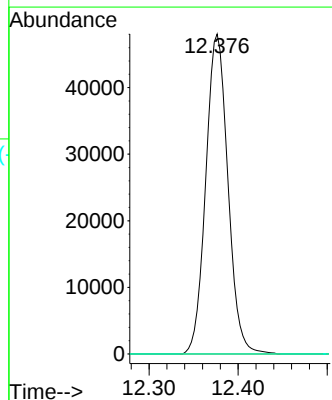
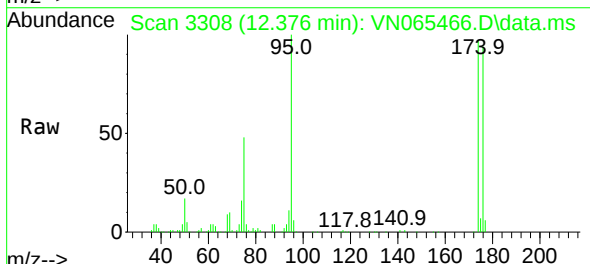
Instrument :
MSVOA_N
ClientSampleId :

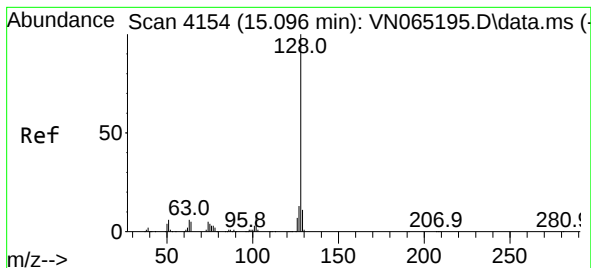
Tgt Ion: 75 Resp: 82828
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Tgt Ion: 75 Resp: 82828
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065466.D
Acq: 11 Jan 2021 14:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 708
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

