

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065223.D
 Acq On : 23 Dec 2020 10:04
 Operator : JC/MD
 Sample : VN1223MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBL01

Quant Time: Dec 24 04:16:58 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)

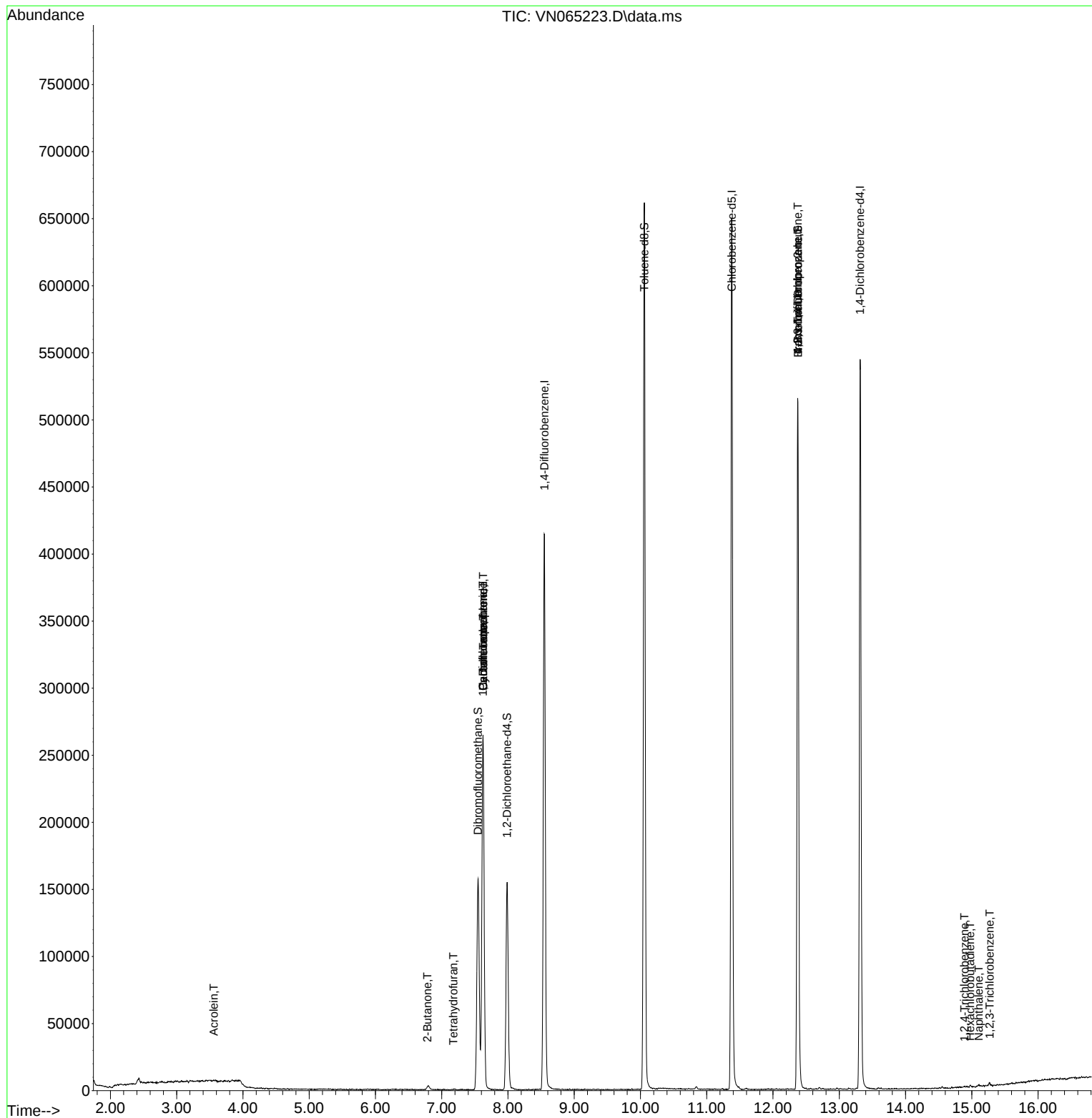
Internal Standards						
1) Pentafluorobenzene	7.624	168	233933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	387312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	397284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	162601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	137260	51.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.94%			
35) Dibromofluoromethane	7.547	113	120848	51.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.44%			
50) Toluene-d8	10.058	98	475872	54.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.68%			
62) 4-Bromofluorobenzene	12.373	95	184319	52.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.78%			
Target Compounds						Qvalue
13) Acrolein	3.560	56	989	5.76	ug/l #	33
16) Acetone	3.779	43	156	Below Cal	#	1
25) 2-Butanone	6.785	43	634	0.43	ug/l #	49
29) Tetrahydrofuran	7.177	42	274	0.29	ug/l #	32
31) Cyclohexane	7.624	56	4300	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	15701	4.46	ug/l #	49
38) Carbon Tetrachloride	7.624	117	20501	5.54	ug/l #	16
71) Bromoform	12.376	173	1085	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	93851	28.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	93851	71.34	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	557	3.00	ug/l #	82
94) Hexachlorobutadiene	14.978	225	509	0.25	ug/l	89
95) Naphthalene	15.106	128	2346	3.63	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.270	180	1047	3.55	ug/l	93

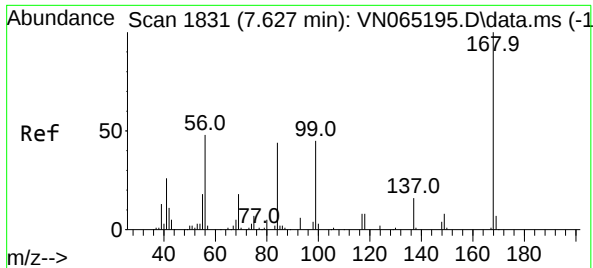
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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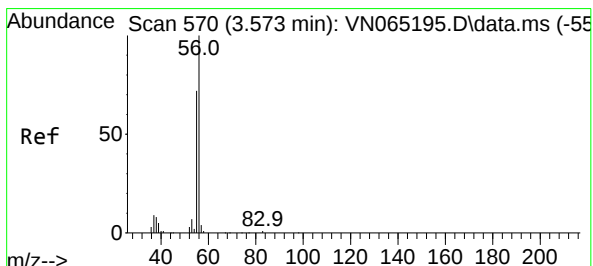
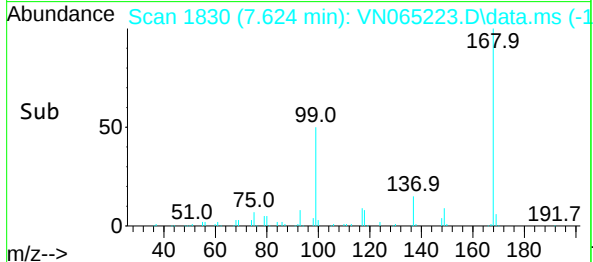
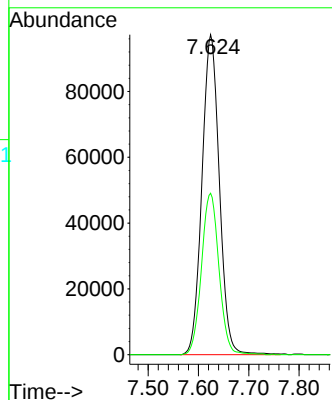
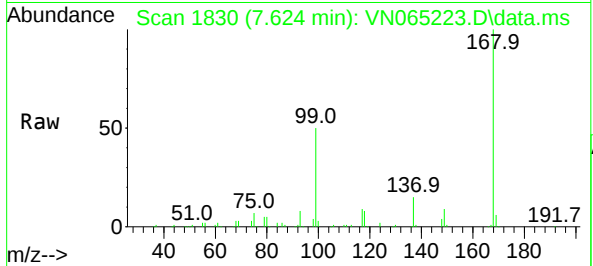




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

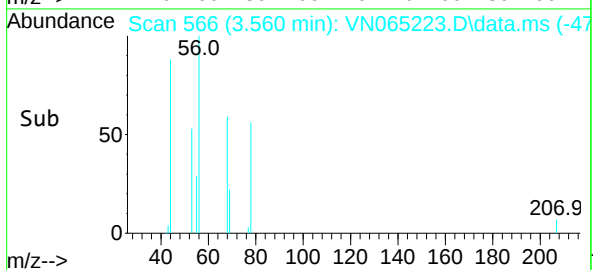
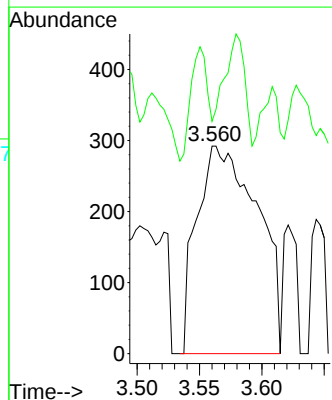
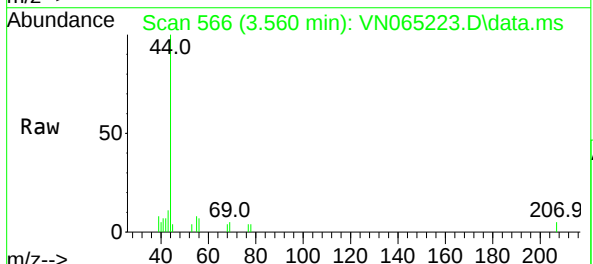
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

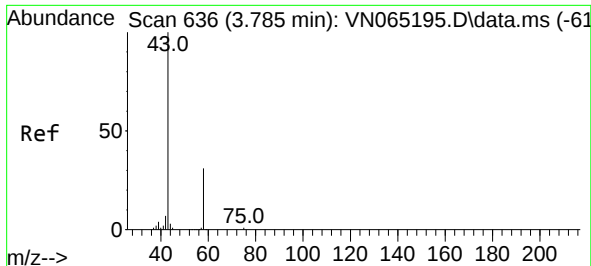
Tgt Ion:168 Resp: 233933
Ion Ratio Lower Upper
168 100
99 50.5 43.0 64.4



#13
Acrolein
Concen: 5.76 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.013 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 56 Resp: 989
Ion Ratio Lower Upper
56 100
55 15.4 56.5 84.7#

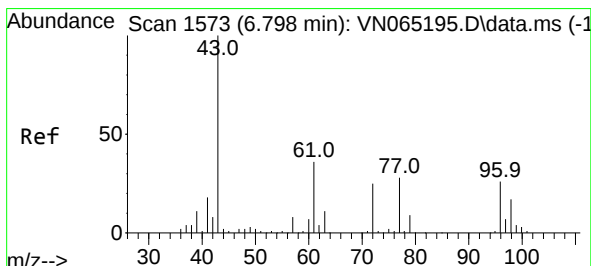
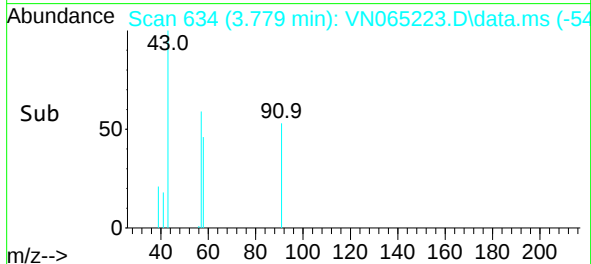
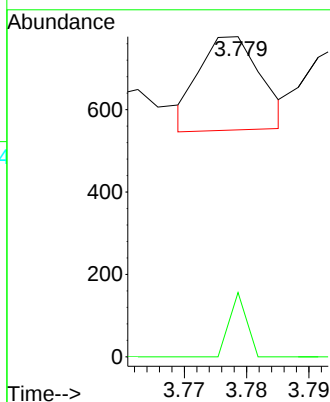
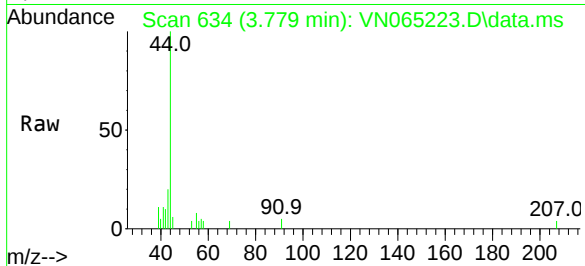




#16
Acetone
Concen: Below Cal
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

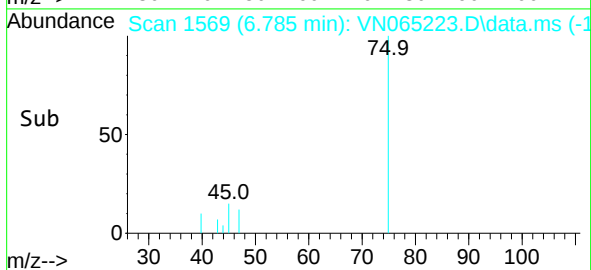
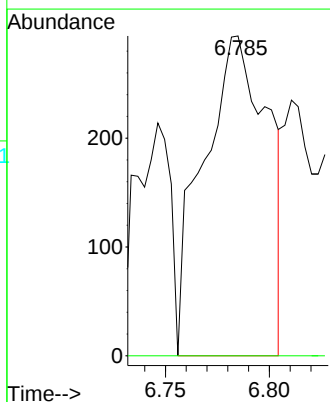
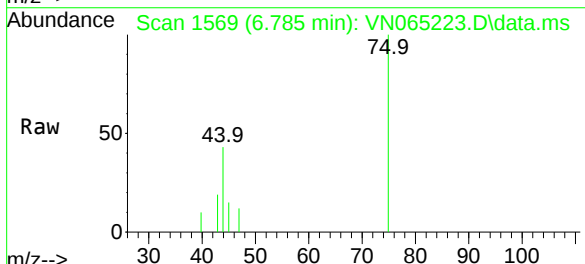
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

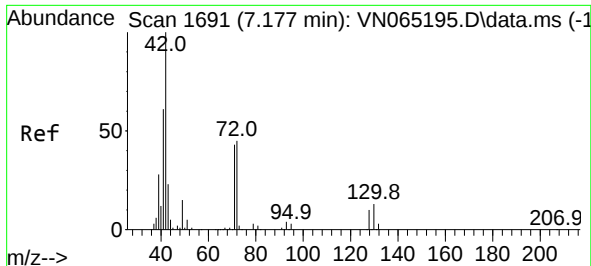
Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
58 94.0 25.7 38.5#



#25
2-Butanone
Concen: 0.43 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#

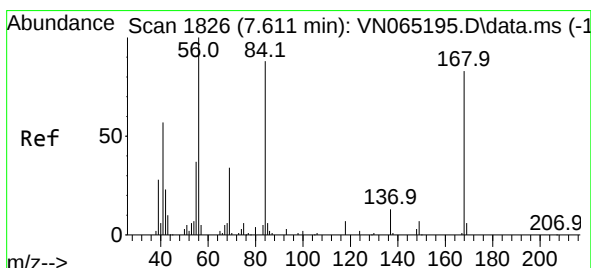
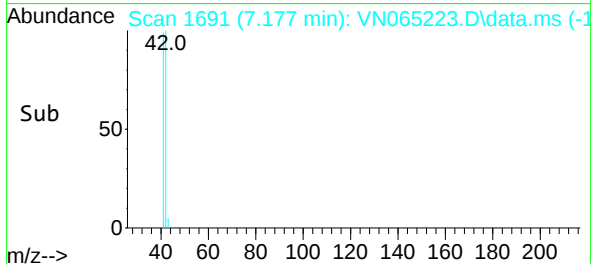
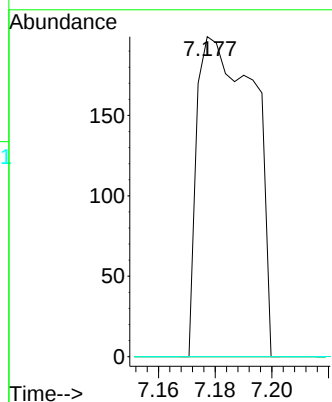
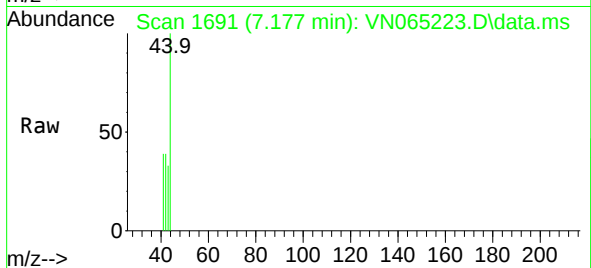




#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

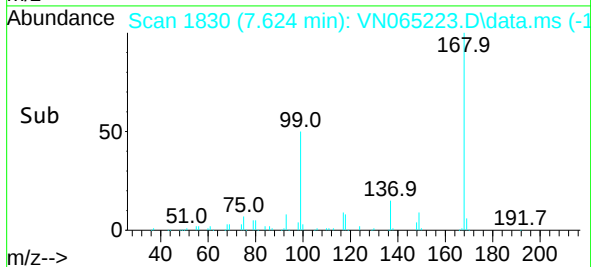
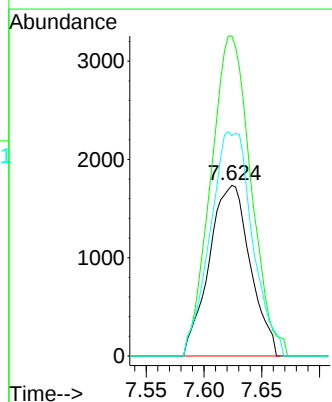
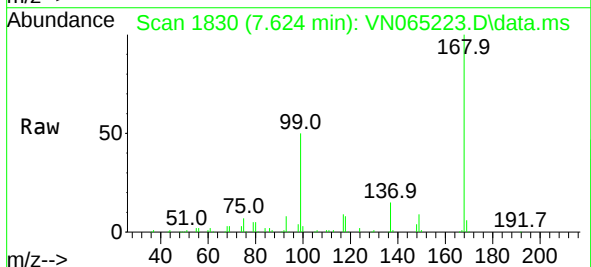
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

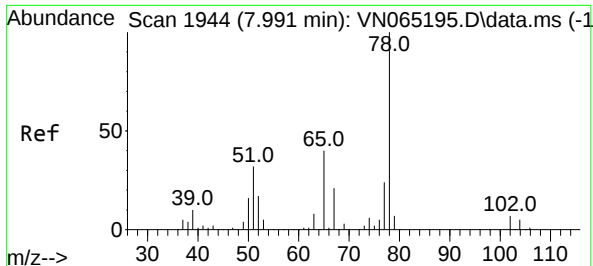
Tgt Ion:	42	Resp:	274
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion:	56	Resp:	4300
Ion	Ratio	Lower	Upper
56	100		
69	187.6	27.5	41.3#
84	129.2	73.9	110.9#

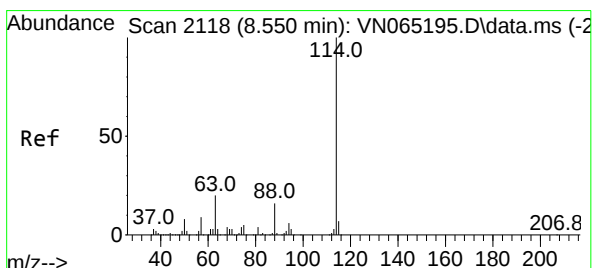
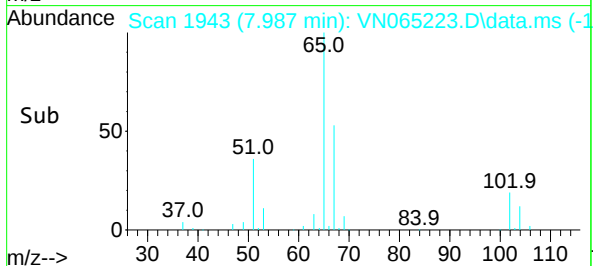
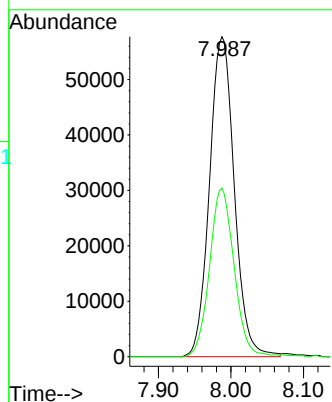
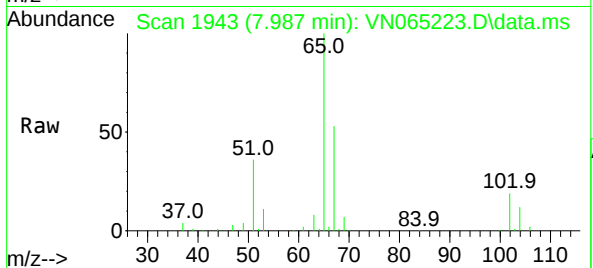




#33
1,2-Dichloroethane-d4
Concen: 51.97 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

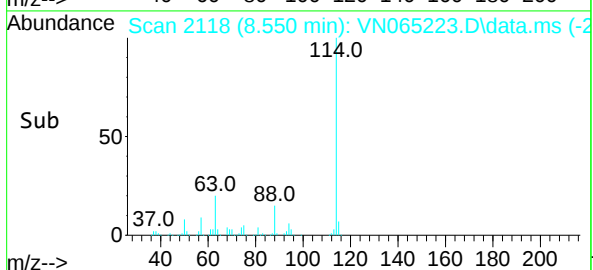
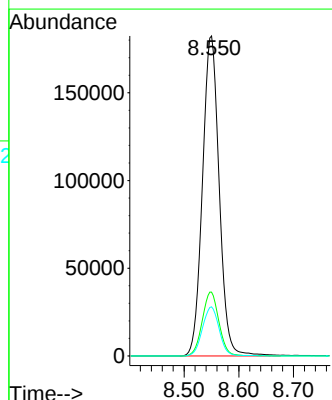
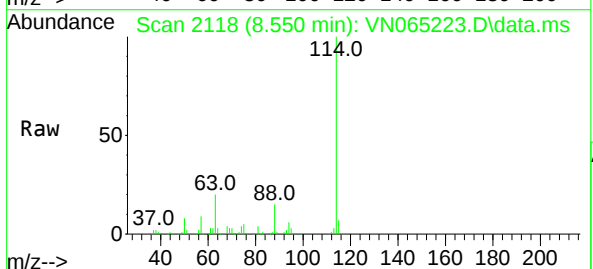
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

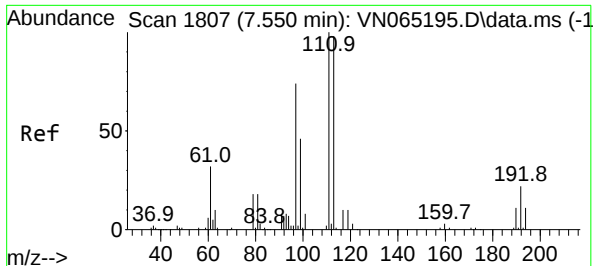
Tgt Ion: 65 Resp: 137260
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 114 Resp: 387312
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.72 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VN065223.D

Acq: 23 Dec 2020 10:04

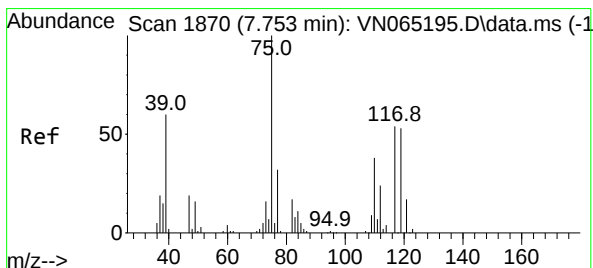
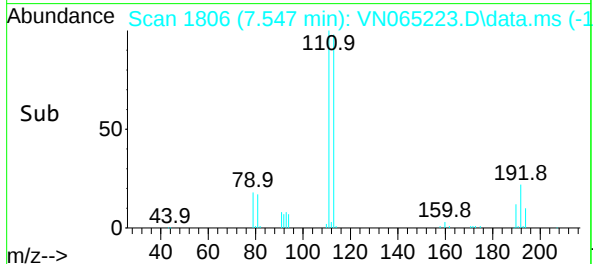
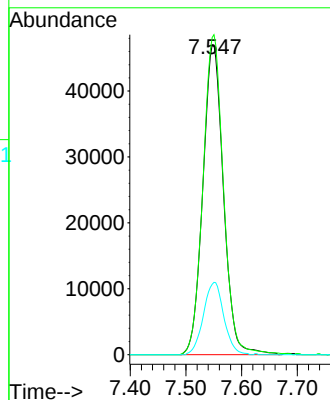
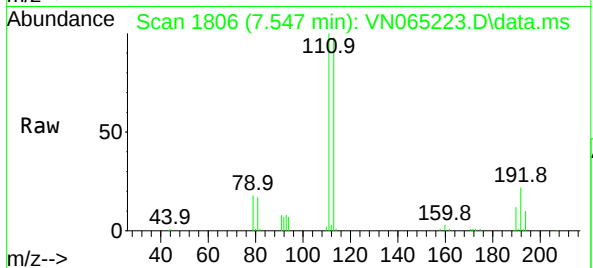
Tgt Ion: 113 Resp: 120848

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

192 23.1 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.46 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.132 min

Lab File: VN065223.D

Acq: 23 Dec 2020 10:04

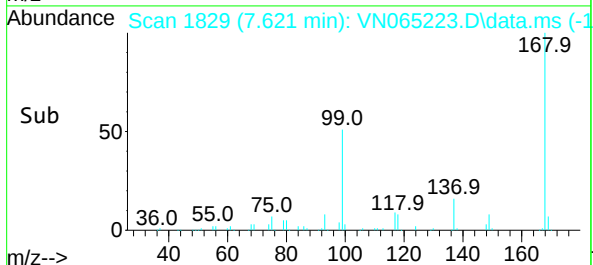
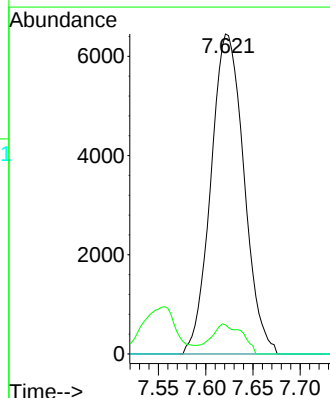
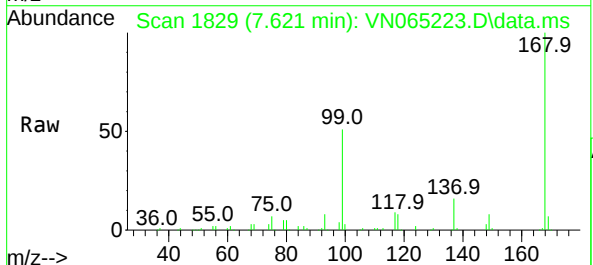
Tgt Ion: 75 Resp: 15701

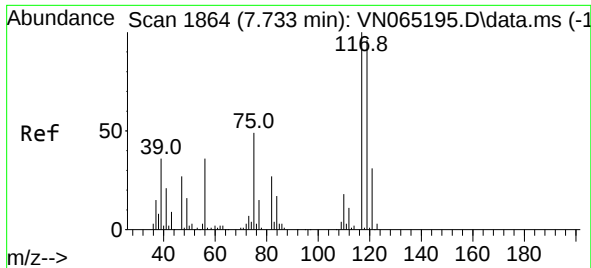
Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.3#

77 0.0 25.0 37.4#

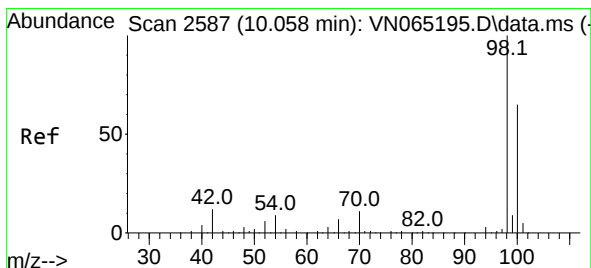
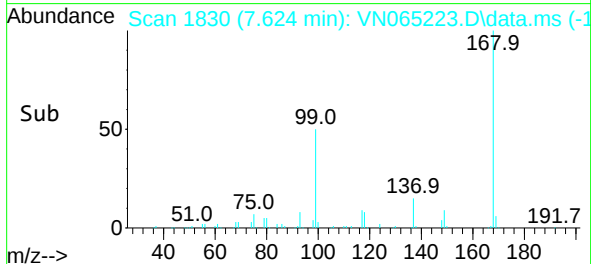
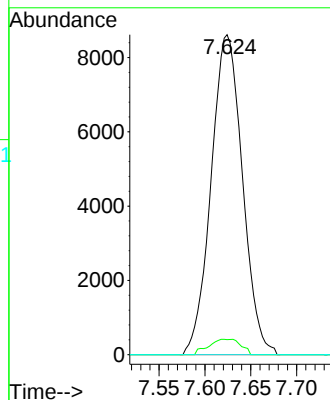
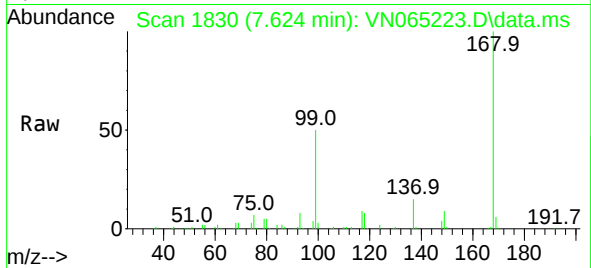




#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

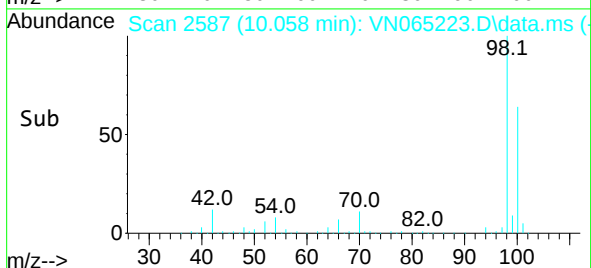
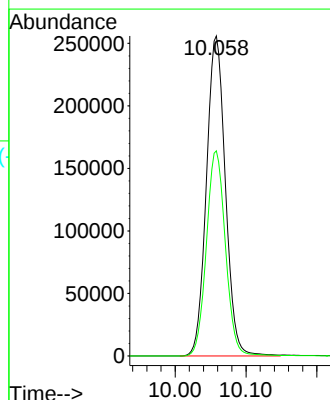
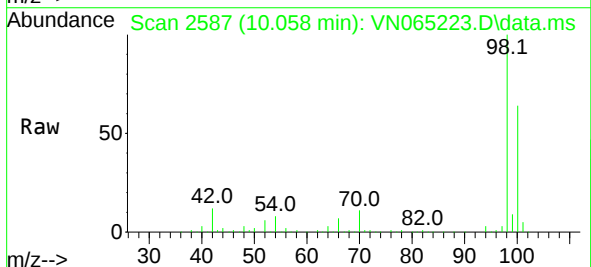
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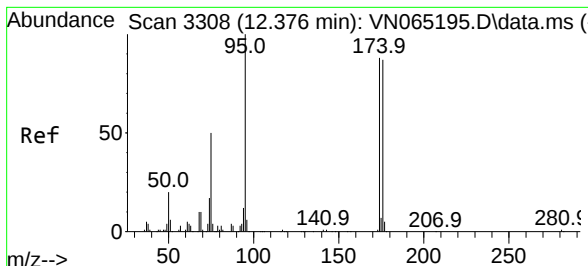
Tgt Ion:117 Resp: 20501
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 98 Resp: 475872
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

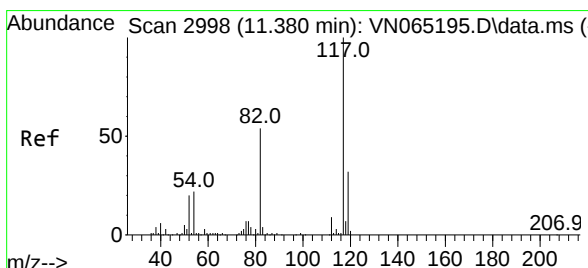
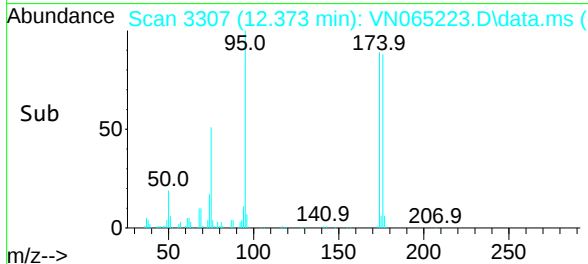
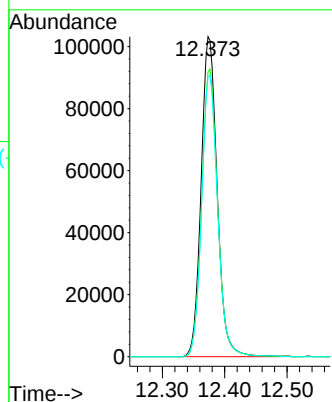
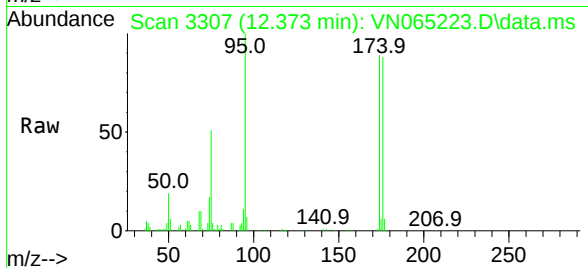




#62
4-Bromofluorobenzene
Concen: 52.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.003 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

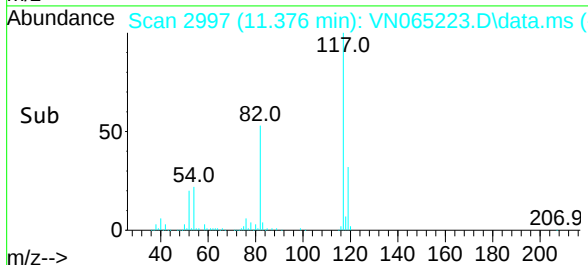
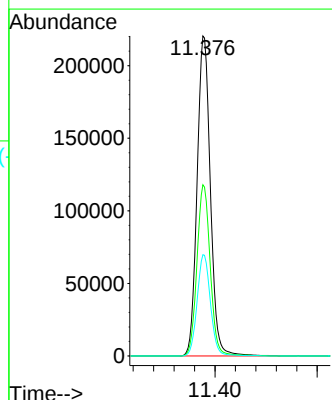
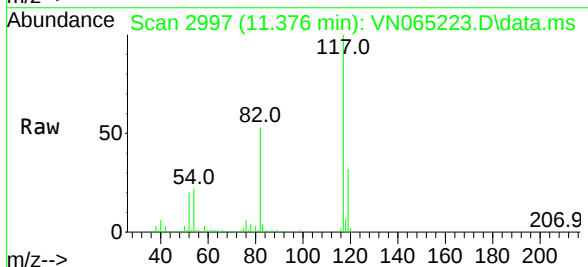
Instrument :
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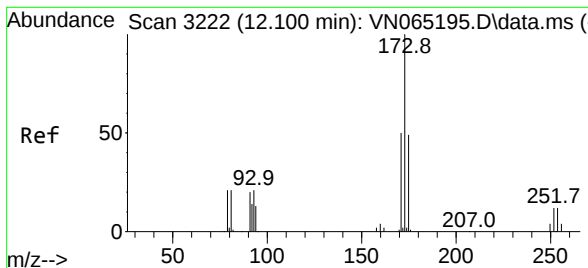
Tgt Ion: 95 Resp: 184319
Ion Ratio Lower Upper
95 100
174 89.7 0.0 160.4
176 87.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. -0.004 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 117 Resp: 397284
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 31.6 25.8 38.6

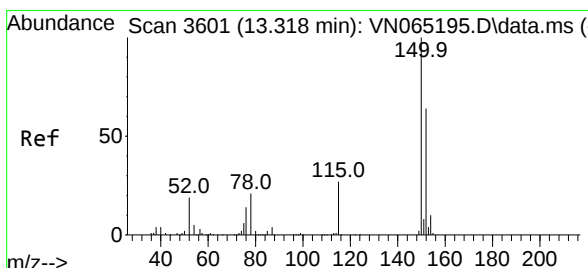
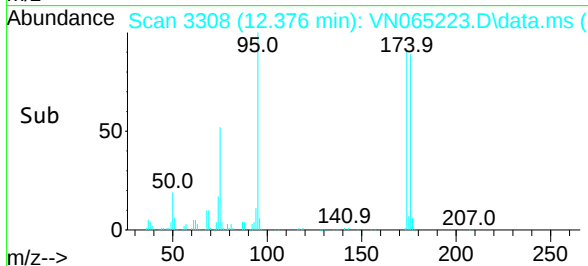
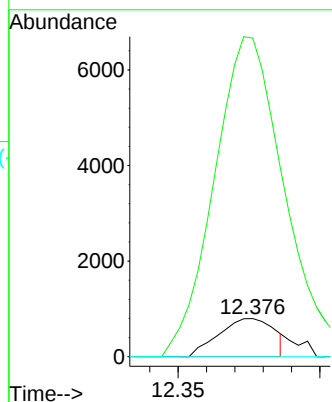
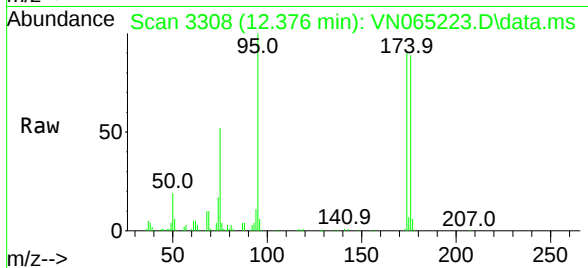




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

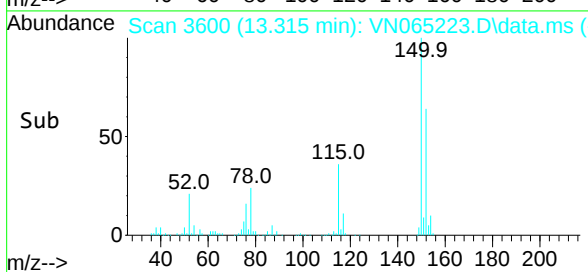
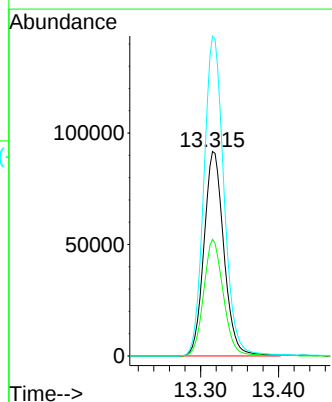
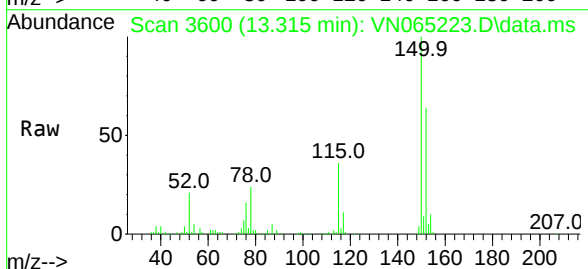
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

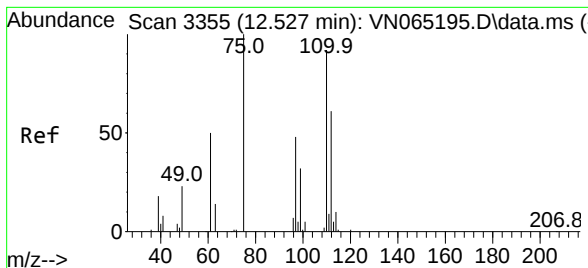
Tgt Ion:173 Resp: 1085
Ion Ratio Lower Upper
173 100
175 894.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion:152 Resp: 162601
Ion Ratio Lower Upper
152 100
115 56.6 29.7 89.1
150 158.0 0.0 350.6

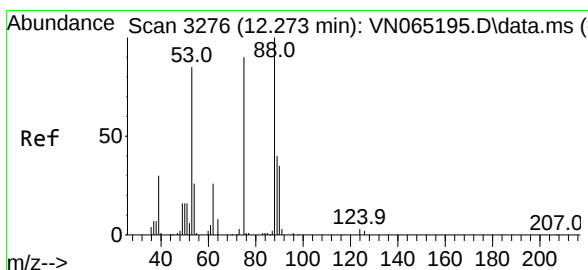
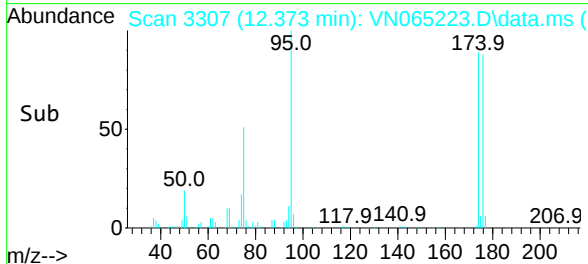
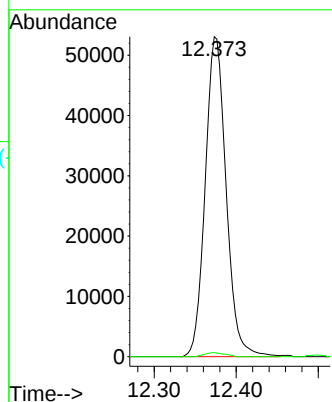
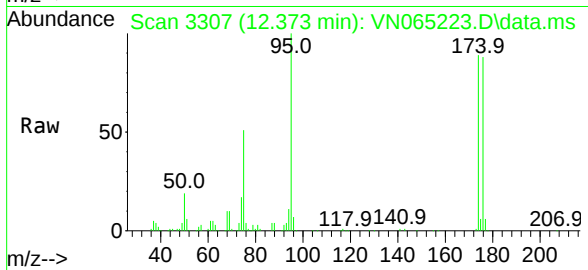




#76
1,2,3-Trichloropropane
Concen: 28.29 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.154 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

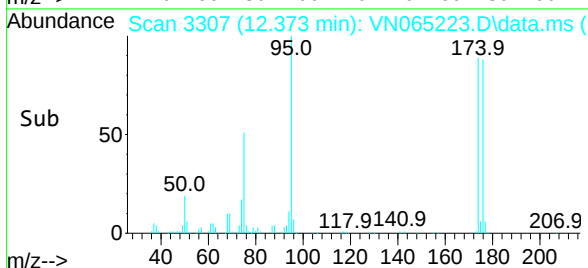
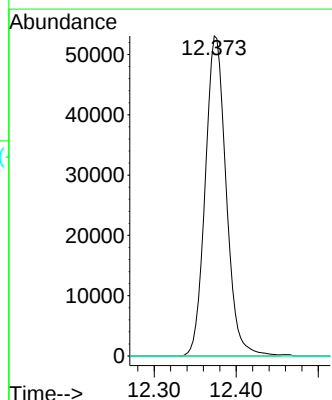
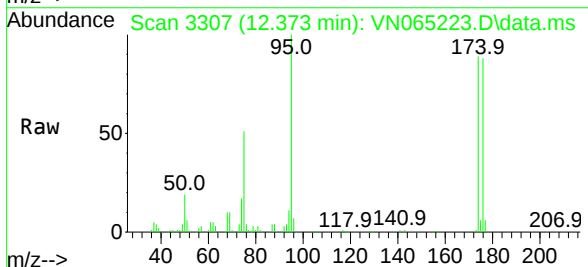
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

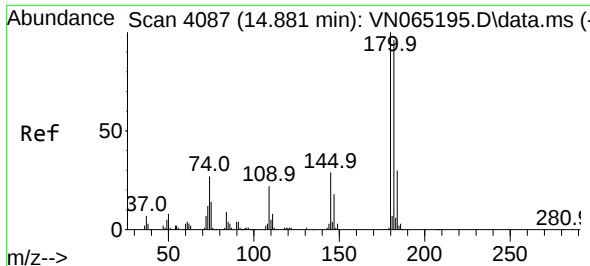
Tgt Ion: 75 Resp: 93851
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion: 75 Resp: 93851
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

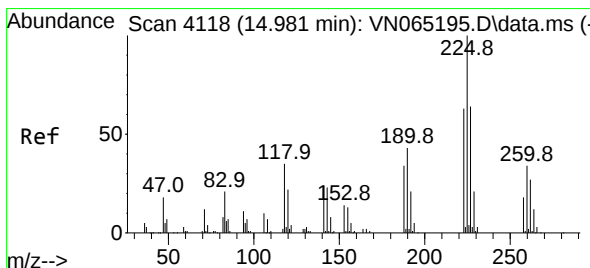
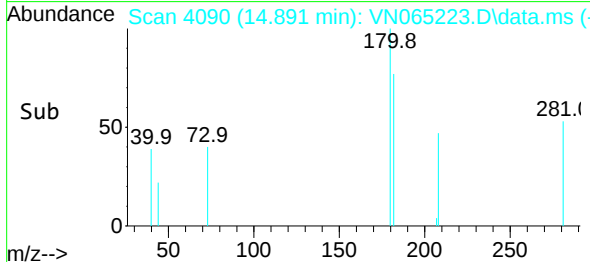
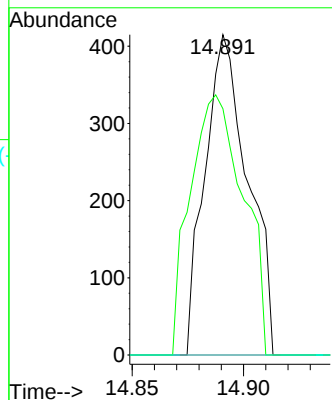
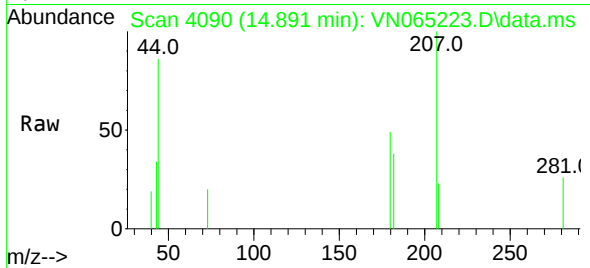




#93
1,2,4-Trichlorobenzene
Concen: 3.00 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

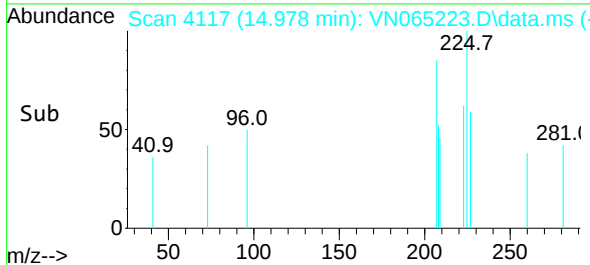
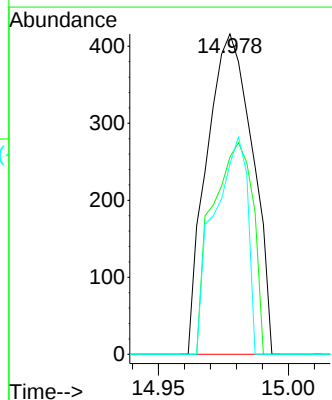
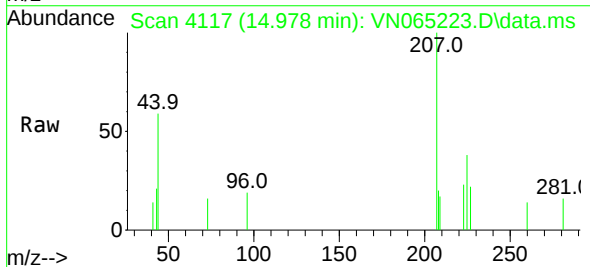
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

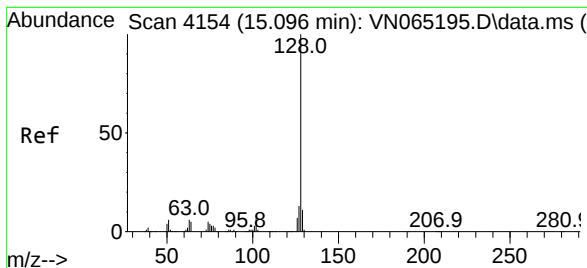
Tgt Ion:180 Resp: 557
Ion Ratio Lower Upper
180 100
182 100.5 47.6 142.9
145 0.0 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.25 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. -0.003 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion:225 Resp: 509
Ion Ratio Lower Upper
225 100
223 59.1 31.0 93.0
227 49.9 32.0 96.0

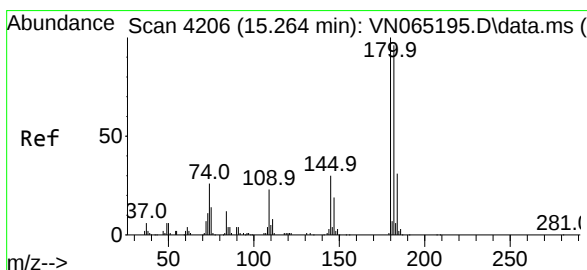
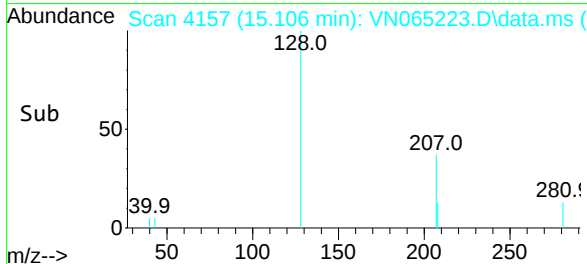
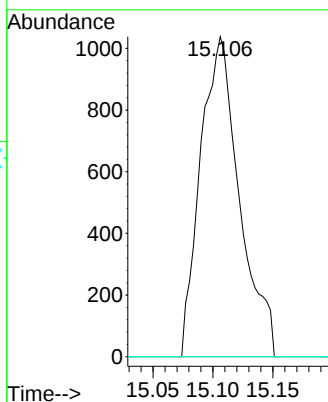
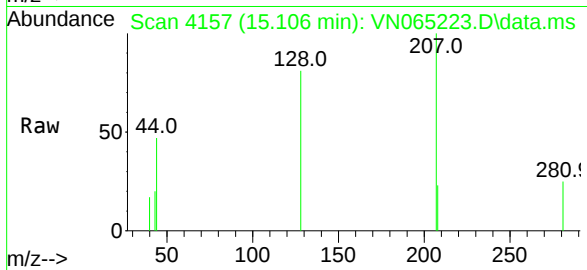




#95
Naphthalene
Concen: 3.63 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Instrument :
MSVOA_N
ClientSampled :
VN1223MBL01

Tgt Ion:128	Resp:	2346
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.55 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. 0.006 min
Lab File: VN065223.D
Acq: 23 Dec 2020 10:04

Tgt Ion:180	Resp:	1047
Ion Ratio	Lower	Upper
180	100	
182	97.5	48.1 144.4
145	18.3	16.4 49.1

