

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065743.D
 Acq On : 5 Feb 2021 17:21
 Operator : JC/MD
 Sample : M1333-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT27339-CHRT20101

Quant Time: Feb 05 22:50:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

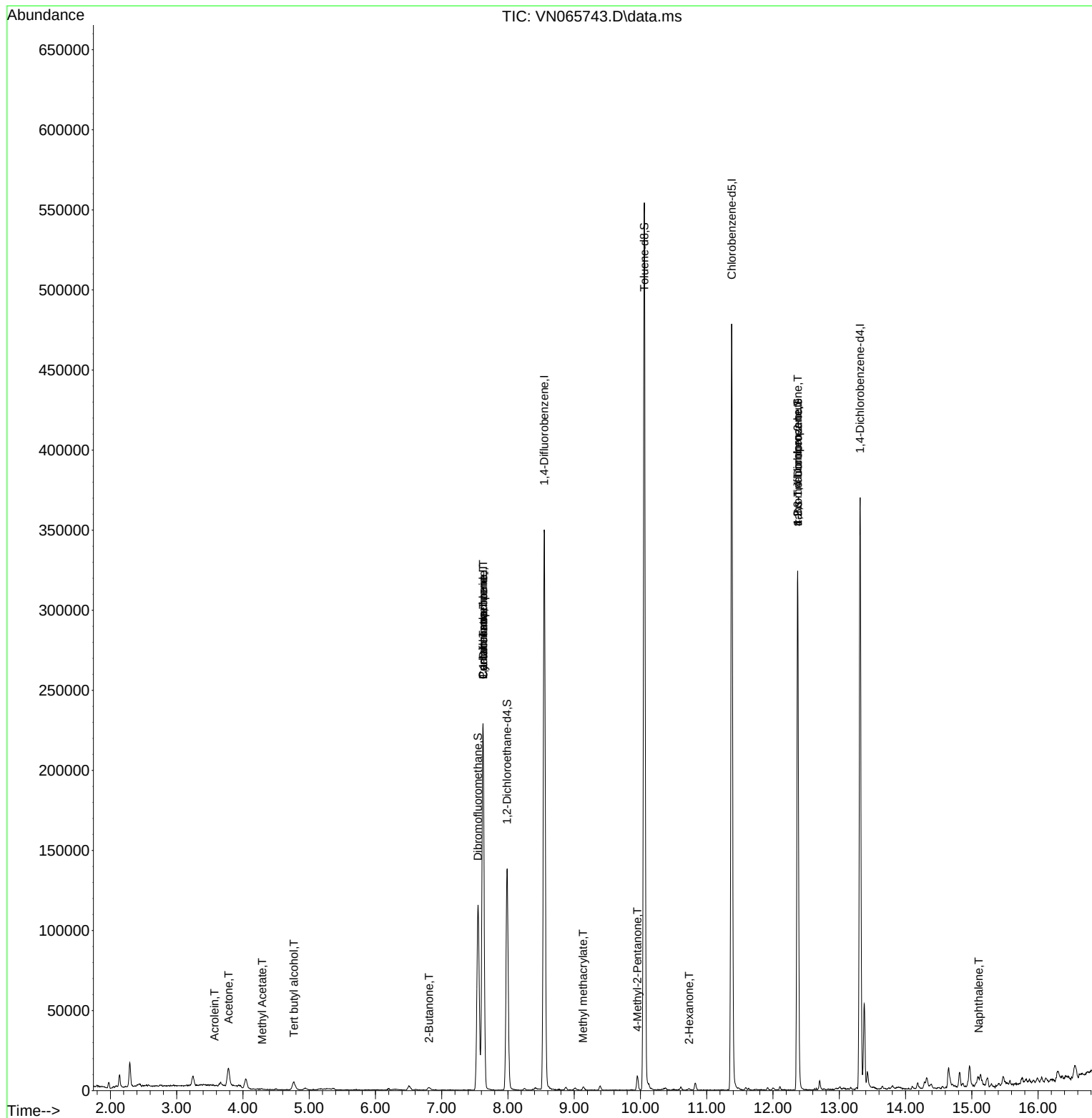
Internal Standards						
1) Pentafluorobenzene	7.624	168	193667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	325185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	289300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	114645	45.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.00%		
35) Dibromofluoromethane	7.547	113	93859	48.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.42%		
50) Toluene-d8	10.058	98	410463	54.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.38%		
62) 4-Bromofluorobenzene	12.373	95	130238	47.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.50%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.769	59	9740	20.41	ug/l #	91
13) Acrolein	3.570	56	62	18.23	ug/l #	72
16) Acetone	3.782	43	17439	17.58	ug/l	96
18) Methyl Acetate	4.290	43	999	0.36	ug/l #	51
25) 2-Butanone	6.807	43	4053	2.61	ug/l	97
31) Cyclohexane	7.624	56	3221	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14708	4.49	ug/l #	47
38) Carbon Tetrachloride	7.624	117	17752	6.59	ug/l #	17
48) Methyl methacrylate	9.132	41	596	0.23	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	6575	2.14	ug/l	99
59) 2-Hexanone	10.733	43	1098	0.52	ug/l	66
76) 1,2,3-Trichloropropane	12.373	75	59642	21.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59642	54.83	ug/l #	12
95) Naphthalene	15.106	128	2337	3.77	ug/l #	80

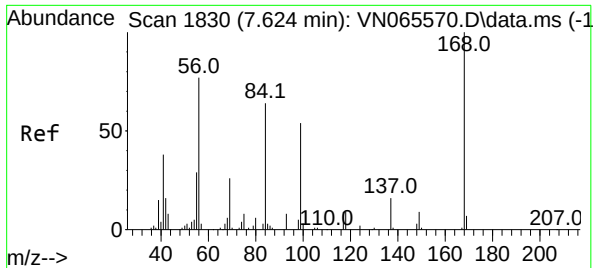
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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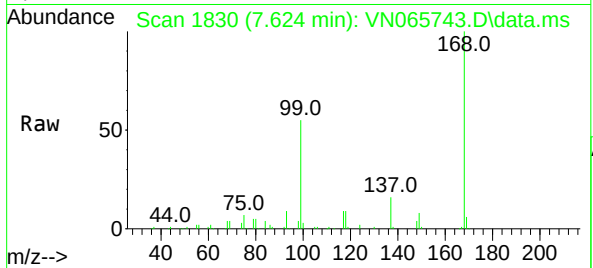
Quant Time: Feb 05 22:50:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



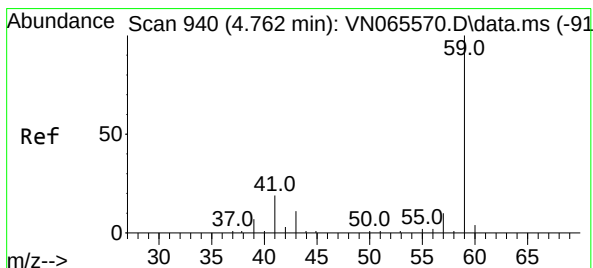
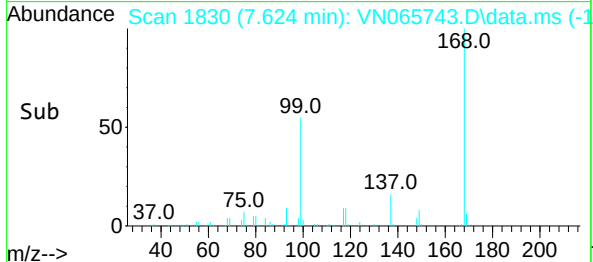
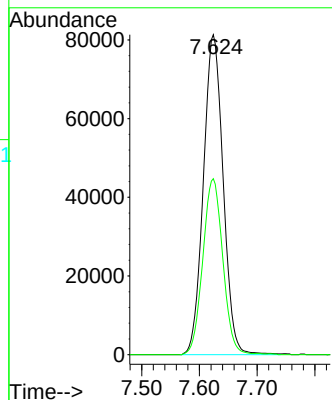


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

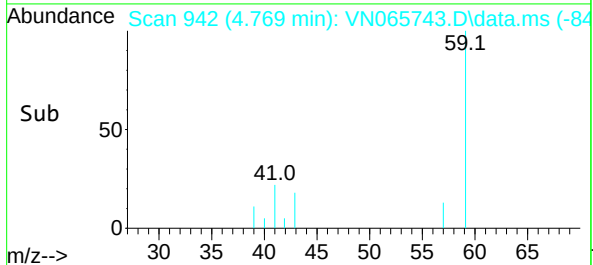
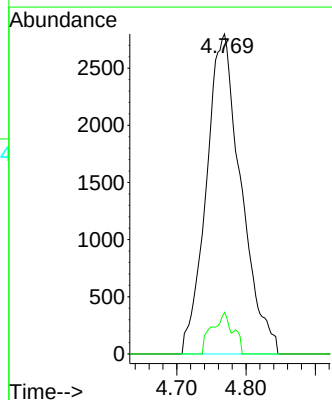
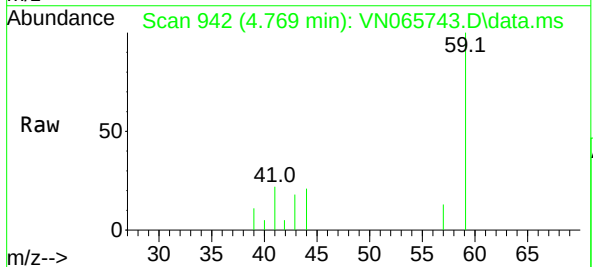


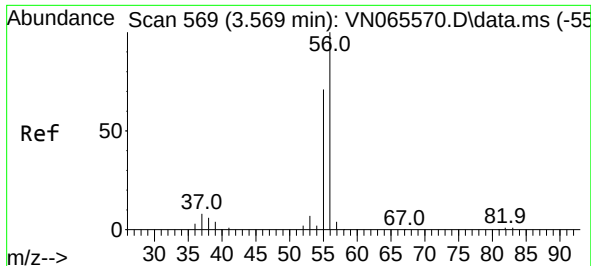
Tgt Ion:168 Resp: 193667
Ion Ratio Lower Upper
168 100
99 55.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 20.41 ug/l
RT: 4.769 min Scan# 942
Delta R.T. 0.007 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 59 Resp: 9740
Ion Ratio Lower Upper
59 100
57 6.8 8.0 12.0#

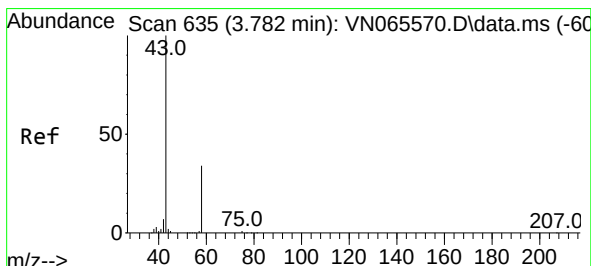
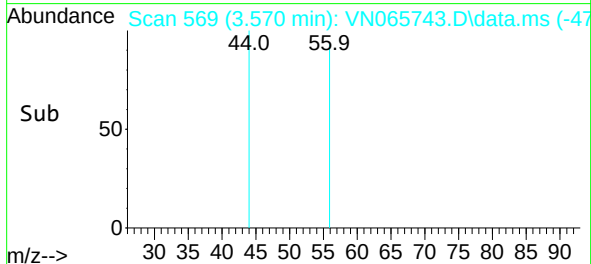
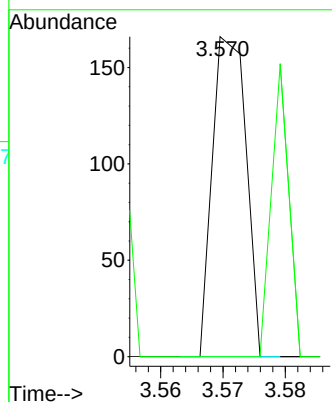
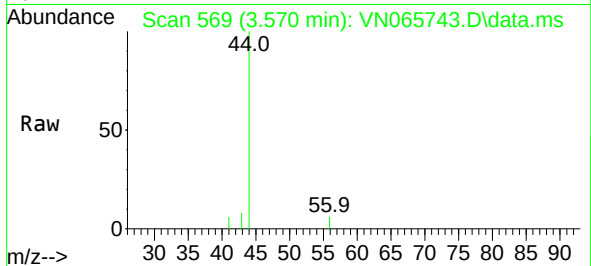




#13
Acrolein
Concen: 18.23 ug/l
RT: 3.570 min Scan# 569
Delta R.T. 0.001 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

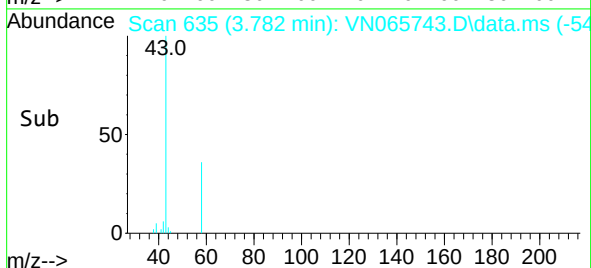
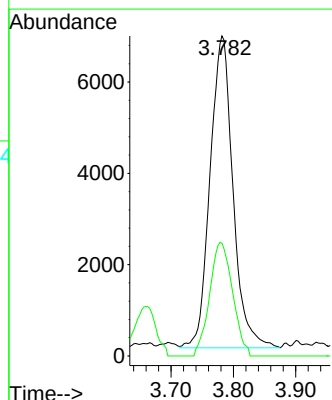
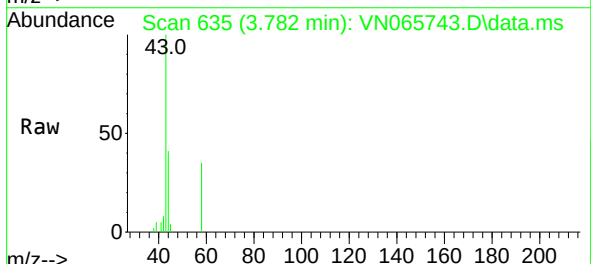
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

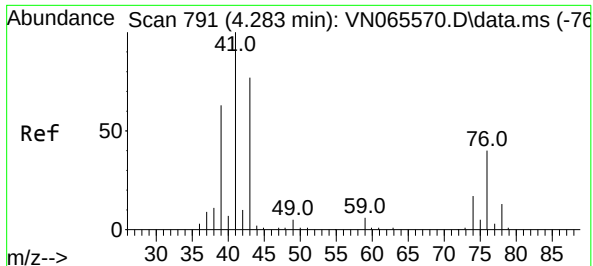
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 46.8 56.0 84.0#



#16
Acetone
Concen: 17.58 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

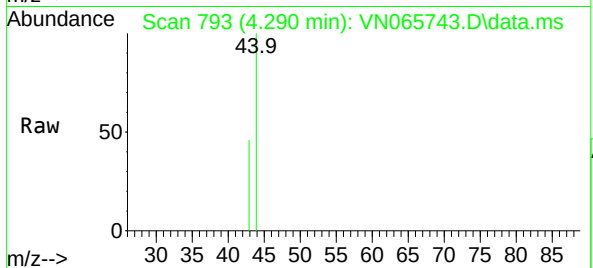
Tgt Ion: 43 Resp: 17439
Ion Ratio Lower Upper
43 100
58 36.1 27.0 40.6



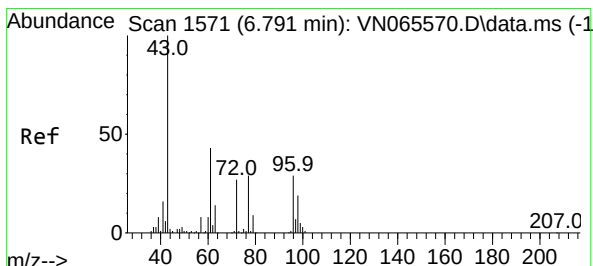
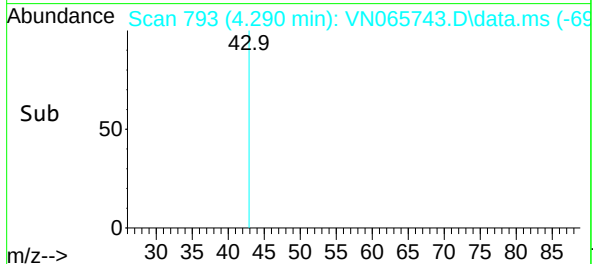
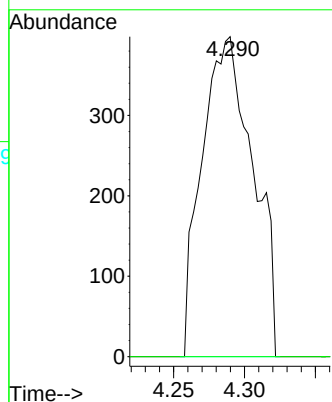


#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

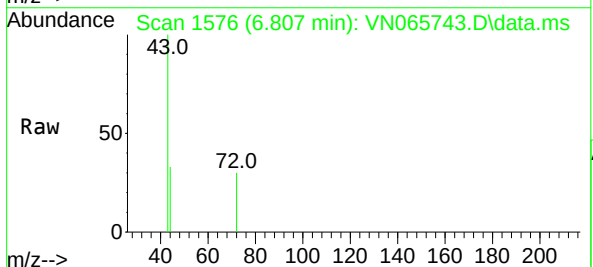
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101



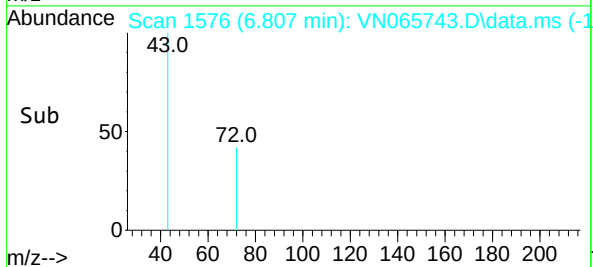
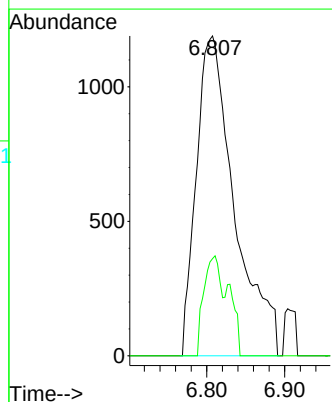
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

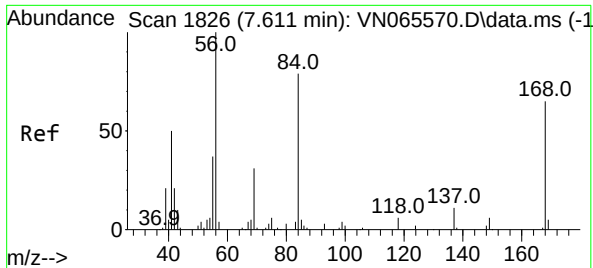


#25
2-Butanone
Concen: 2.61 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21



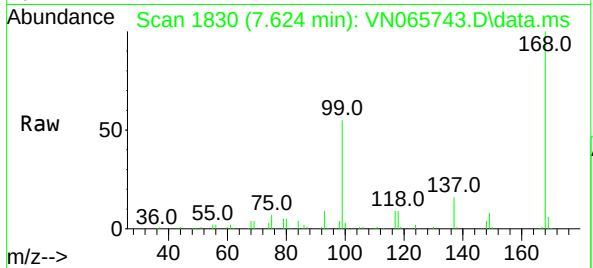
Tgt Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
72 30.4 23.1 34.7



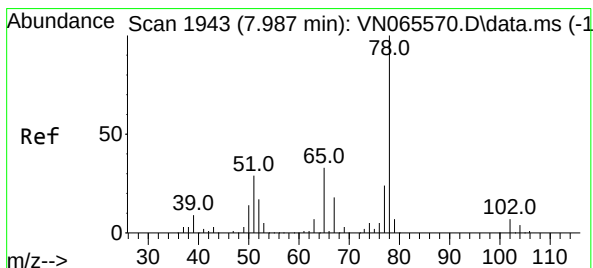
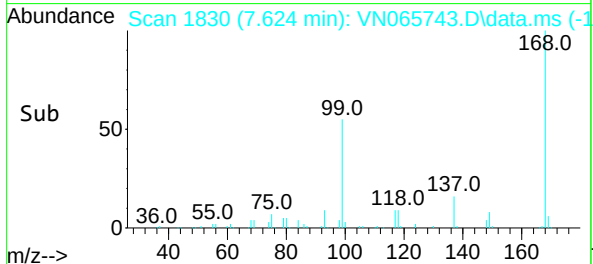
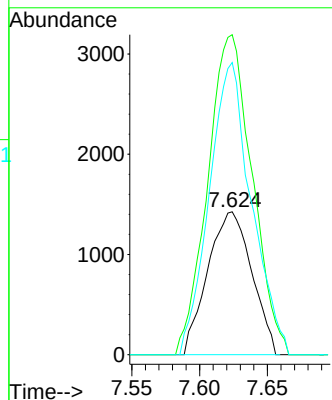


#31
Cyclohexane
Concen: 0.67 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

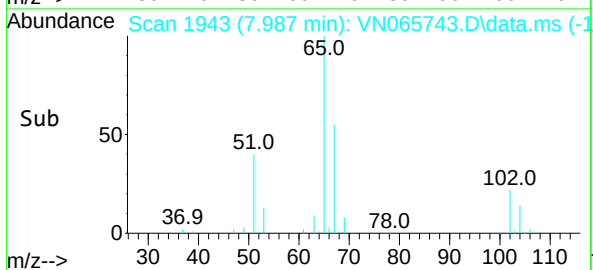
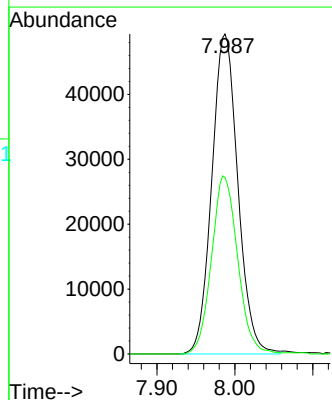
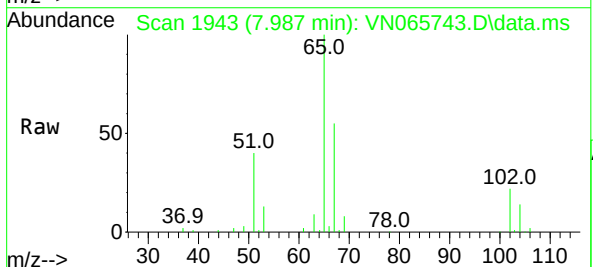


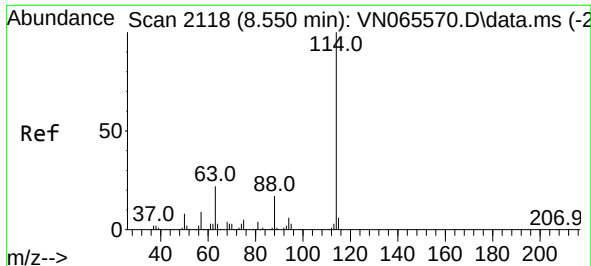
Tgt Ion: 56 Resp: 3221
Ion Ratio Lower Upper
56 100
69 212.2 26.6 39.8#
84 204.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.00 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 65 Resp: 114645
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065743.D

Acq: 5 Feb 2021 17:21

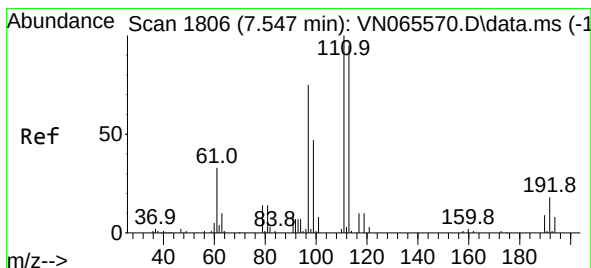
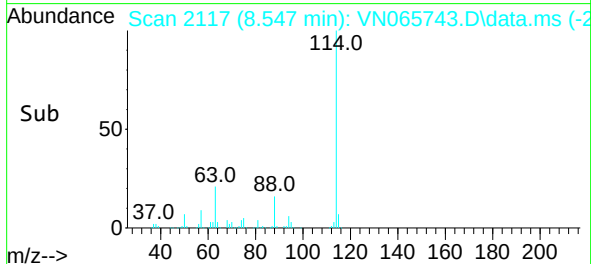
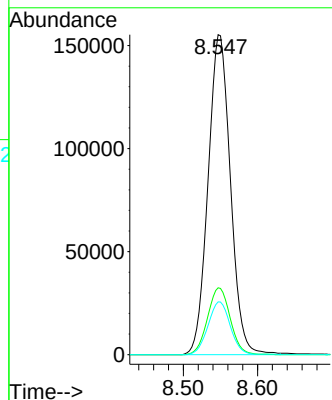
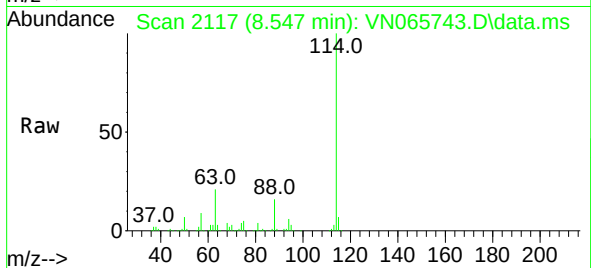
Tgt Ion:114 Resp: 325185

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.6

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.71 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065743.D

Acq: 5 Feb 2021 17:21

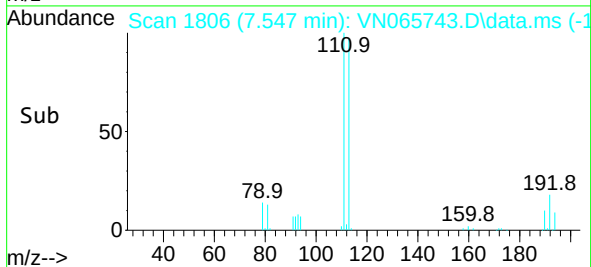
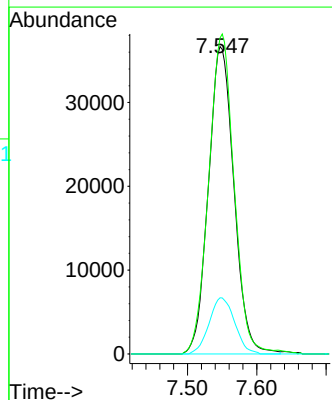
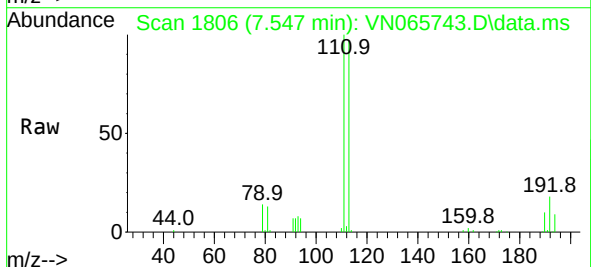
Tgt Ion:113 Resp: 93859

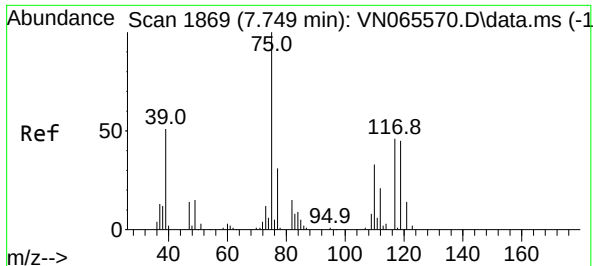
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 18.3 15.4 23.0



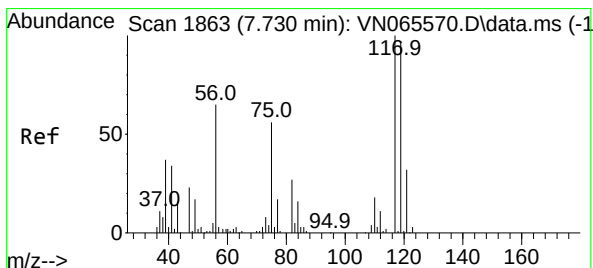
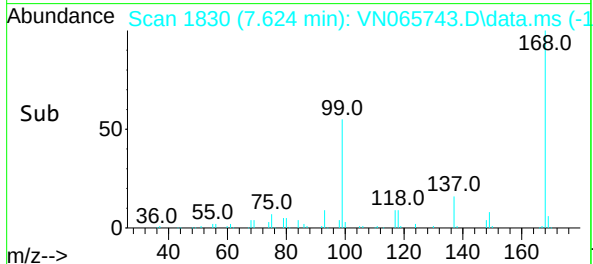
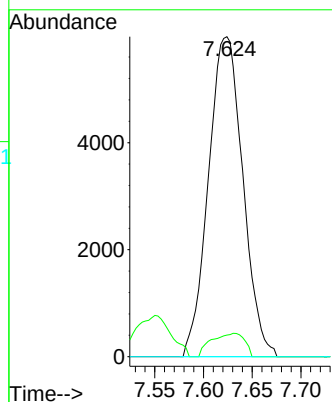
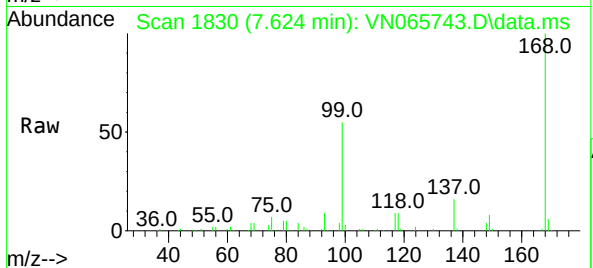


#36

1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Instrument :
MSVOA_N
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CHRT27339-CHRT20101

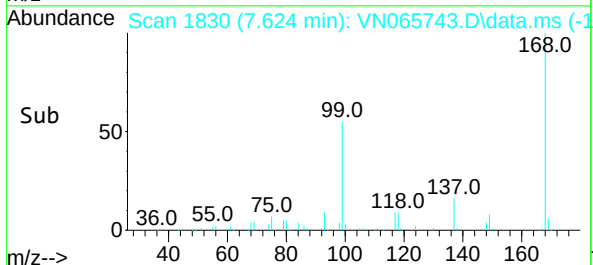
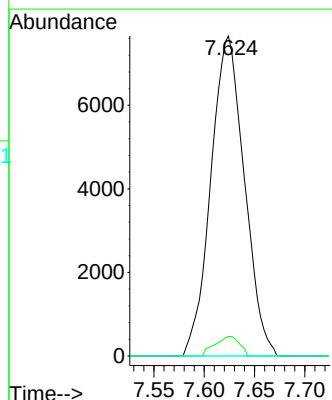
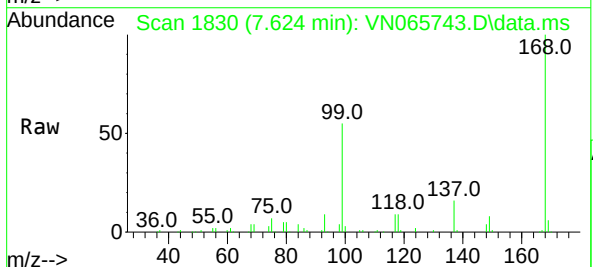
Tgt Ion: 75 Resp: 14708
Ion Ratio Lower Upper
75 100
110 7.0 18.2 54.6#
77 0.0 24.9 37.3#

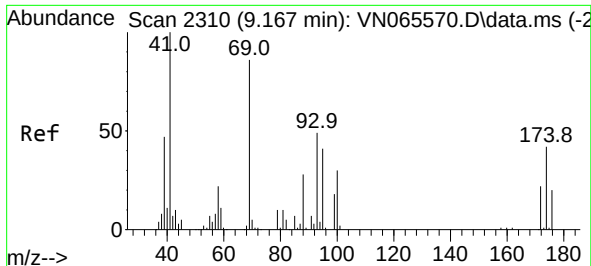


#38

Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 117 Resp: 17752
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

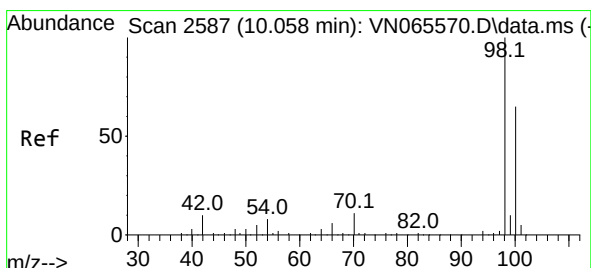
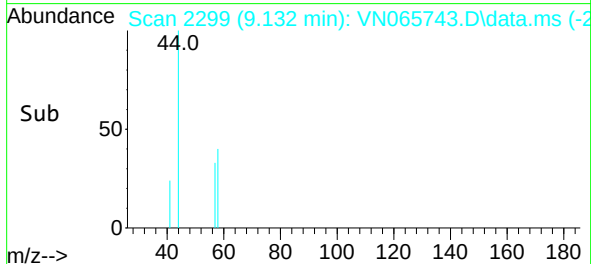
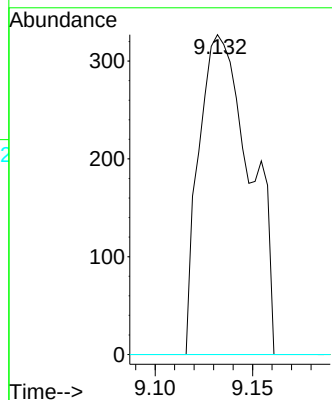
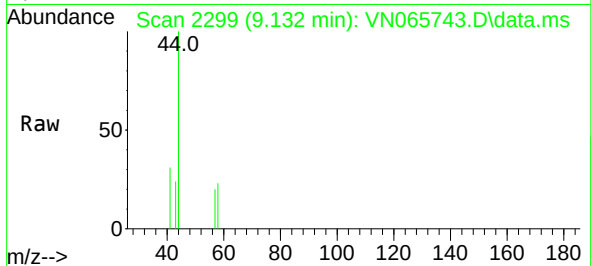




#48
Methyl methacrylate
Concen: 0.23 ug/l
RT: 9.132 min Scan# 2299
Delta R.T. -0.035 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

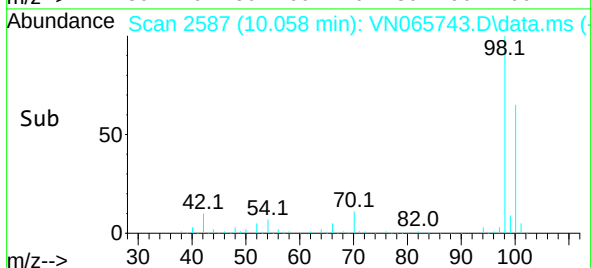
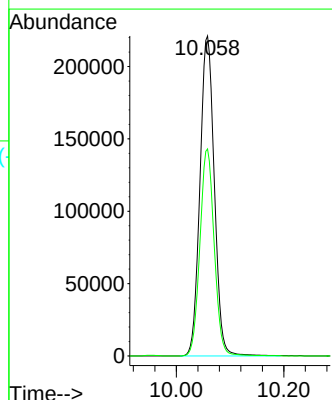
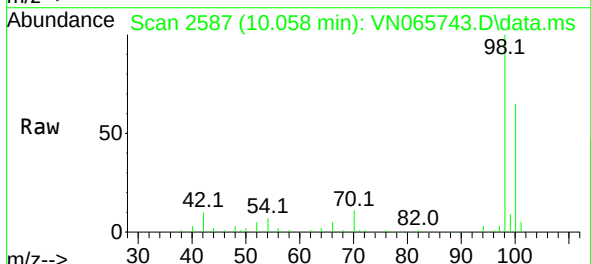
Instrument :
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CHRT27339-CHRT20101

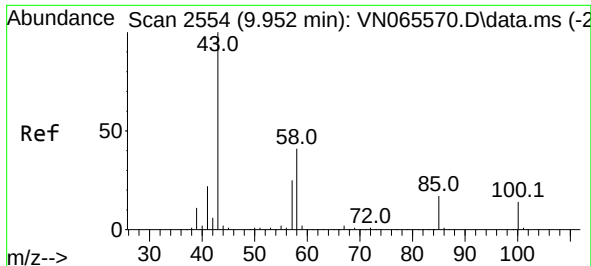
Tgt Ion: 41 Resp: 596
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.19 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 98 Resp: 410463
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

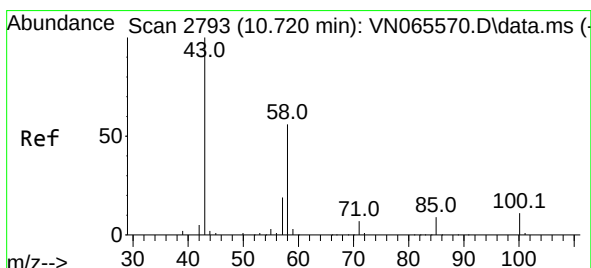
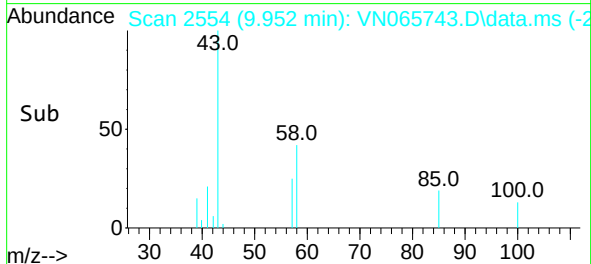
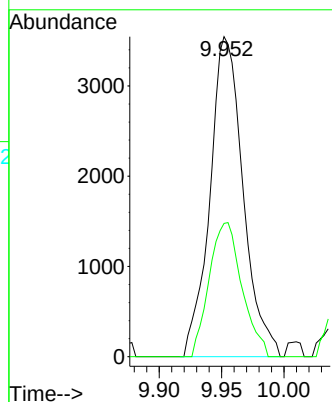
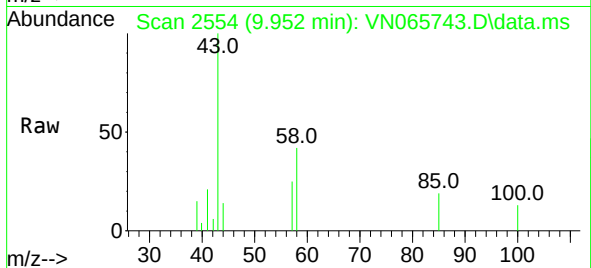




#51
4-Methyl-2-Pentanone
Concen: 2.14 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

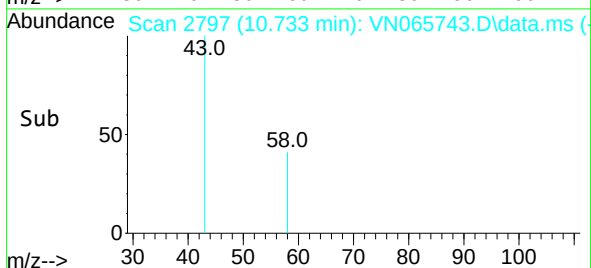
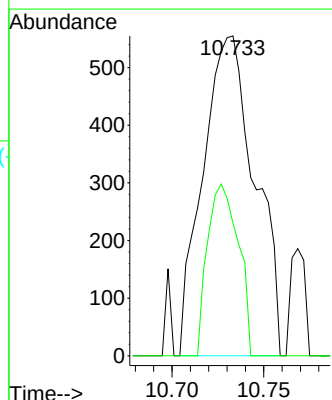
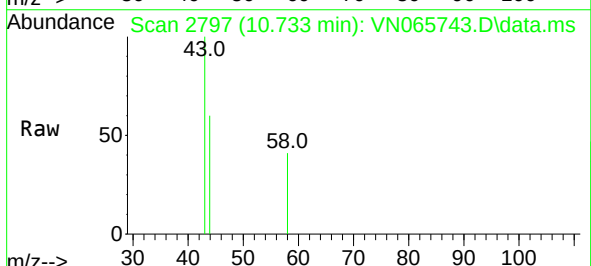
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

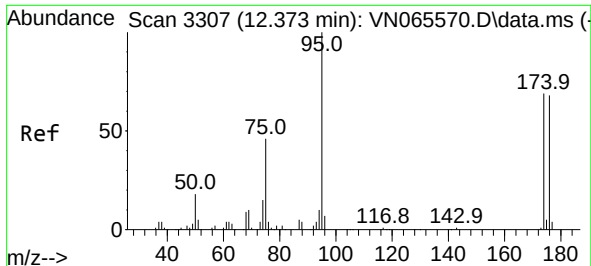
Tgt Ion: 43 Resp: 6575
Ion Ratio Lower Upper
43 100
58 41.3 32.5 48.7



#59
2-Hexanone
Concen: 0.52 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 31.7 28.1 84.3

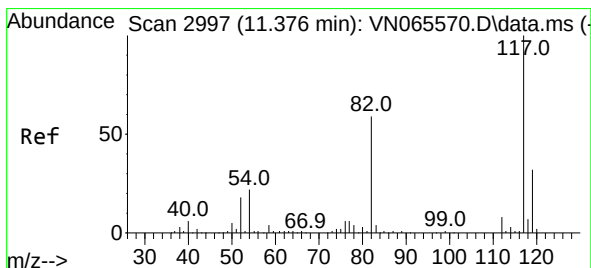
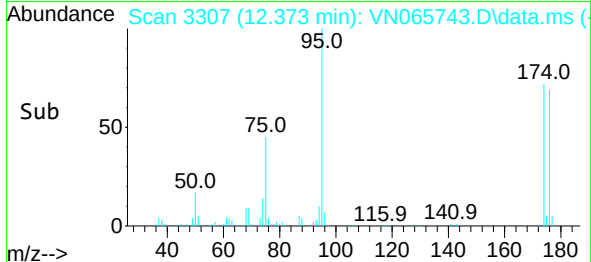
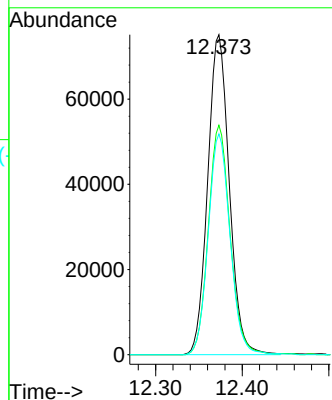
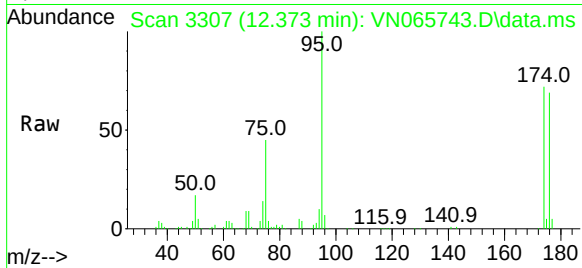




#62
4-Bromofluorobenzene
Concen: 47.75 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

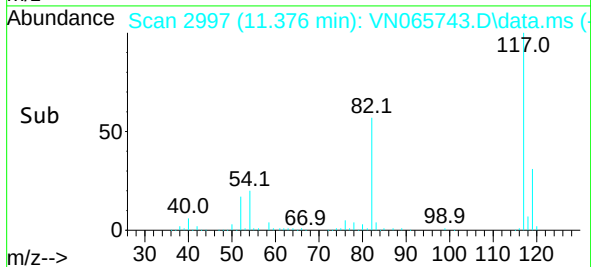
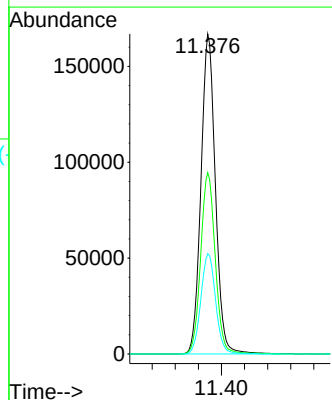
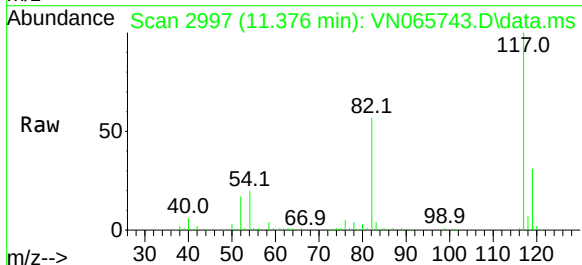
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

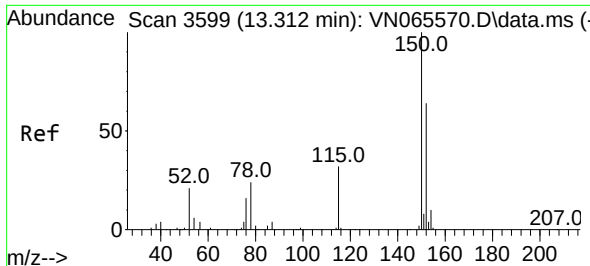
Tgt Ion: 95 Resp: 130238
Ion Ratio Lower Upper
95 100
174 72.4 0.0 169.0
176 69.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

Tgt Ion: 117 Resp: 289300
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 31.3 26.1 39.1

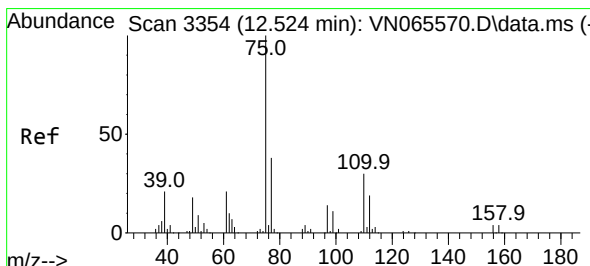
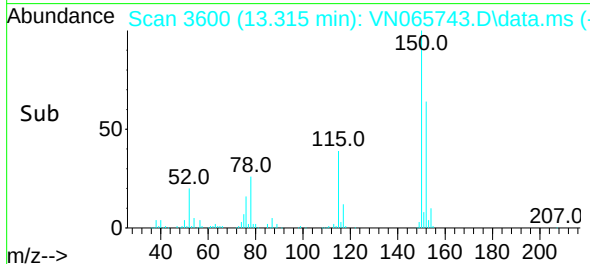
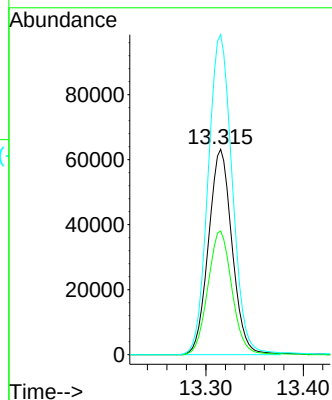
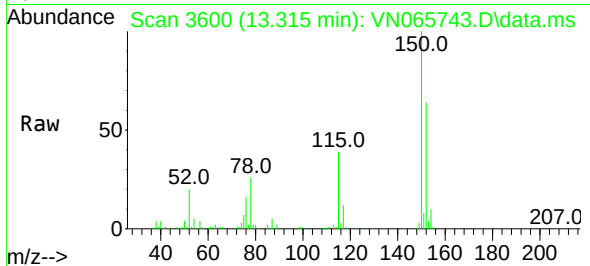




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

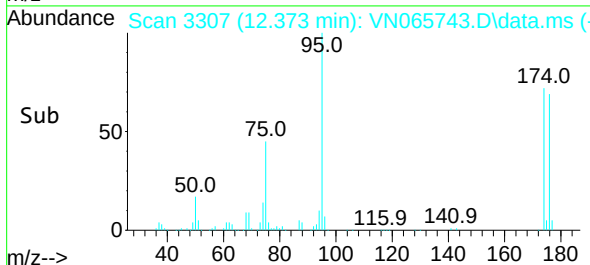
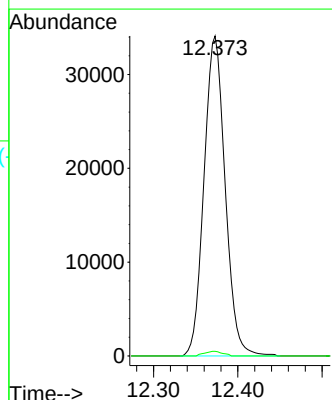
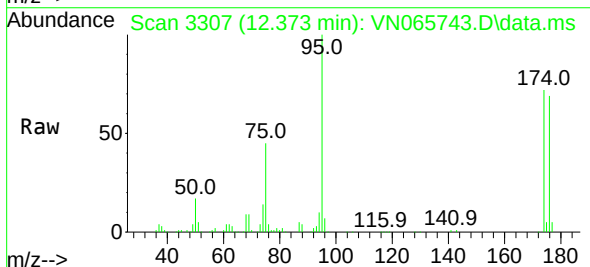
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101

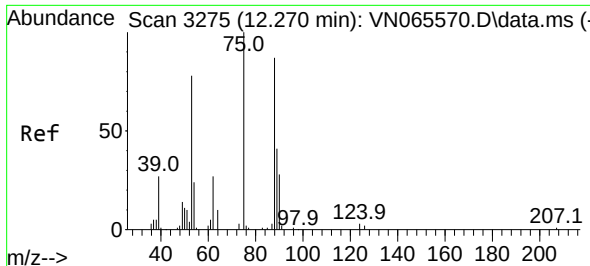
Tgt Ion:152 Resp: 106557
Ion Ratio Lower Upper
152 100
115 61.5 28.5 85.6
150 159.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

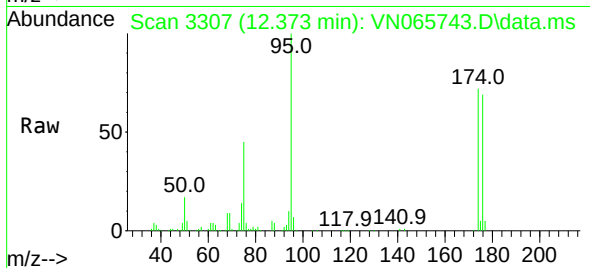
Tgt Ion: 75 Resp: 59642
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



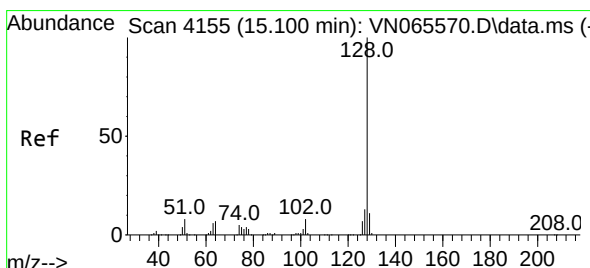
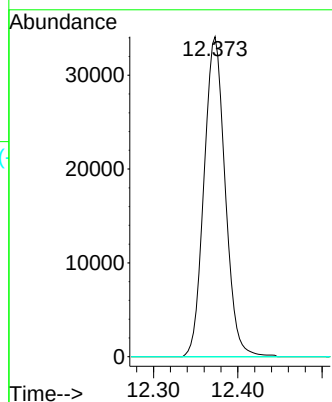
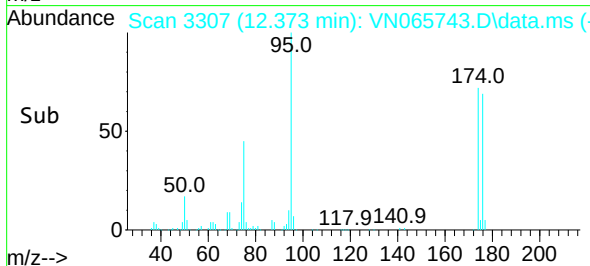


#81
trans-1,4-Dichloro-2-butene
Concen: 54.83 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21

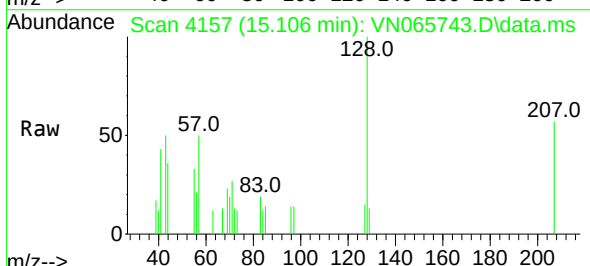
Instrument :
MSVOA_N
ClientSampleId :
CHRT27339-CHRT20101



Tgt Ion: 75 Resp: 59642
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.77 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065743.D
Acq: 5 Feb 2021 17:21



Tgt Ion: 128 Resp: 2337
Ion Ratio Lower Upper
128 100
127 4.3 10.2 15.2#
129 4.2 8.6 13.0#

