

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065848.D
 Acq On : 12 Feb 2021 19:11
 Operator : JC/MD
 Sample : M1386-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:50:46 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)

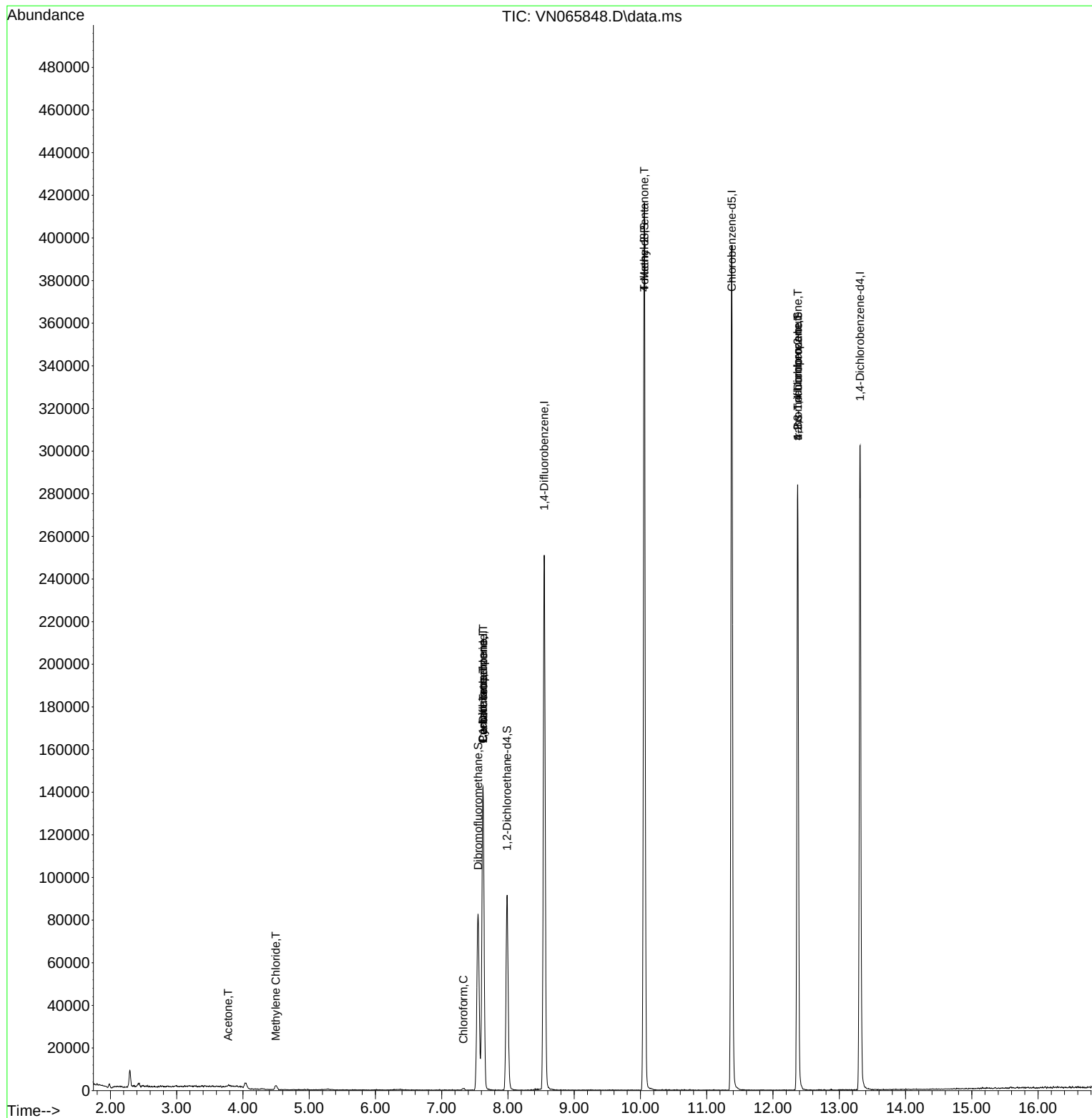
Internal Standards						
1) Pentafluorobenzene	7.624	168	120368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	238631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	244840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	90331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	74395	46.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.96%		
35) Dibromofluoromethane	7.550	113	68608	48.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.04%		
50) Toluene-d8	10.058	98	308813	55.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.12%		
62) 4-Bromofluorobenzene	12.373	95	115072	57.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.98%		
Target Compounds						
						Qvalue
16) Acetone	3.775	43	1904	3.09	ug/l	93
20) Methylene Chloride	4.495	84	1682	0.99	ug/l #	81
30) Chloroform	7.325	83	626	0.23	ug/l	98
31) Cyclohexane	7.621	56	2046	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	8783	3.66	ug/l #	44
38) Carbon Tetrachloride	7.624	117	10962	5.55	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	1125	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	52119	22.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	52119	56.52	ug/l #	12

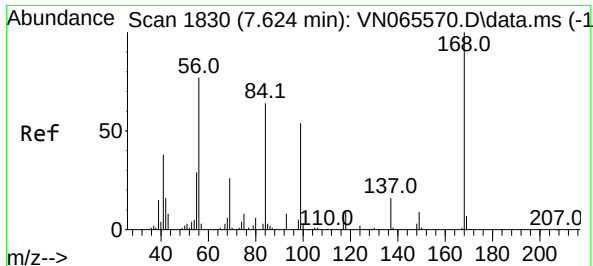
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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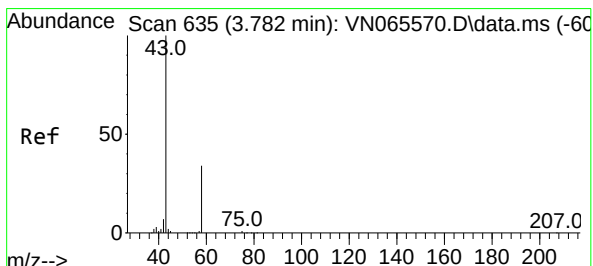
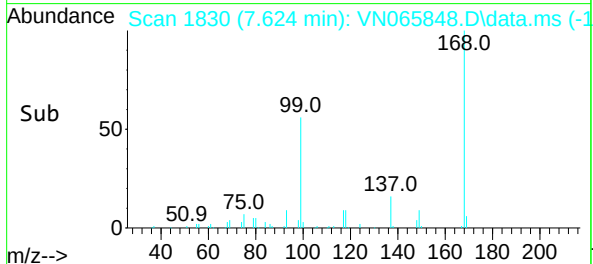
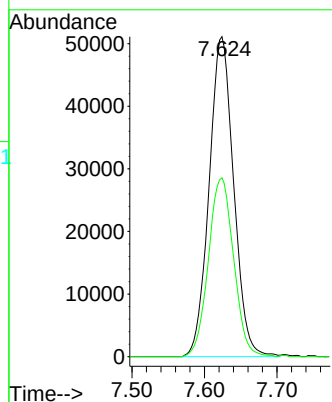
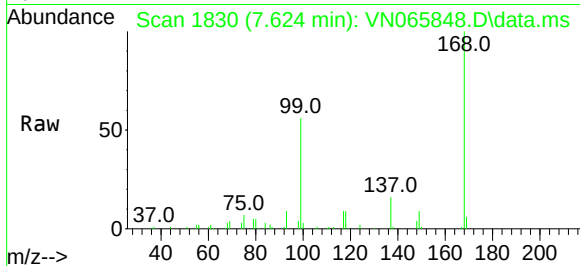




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

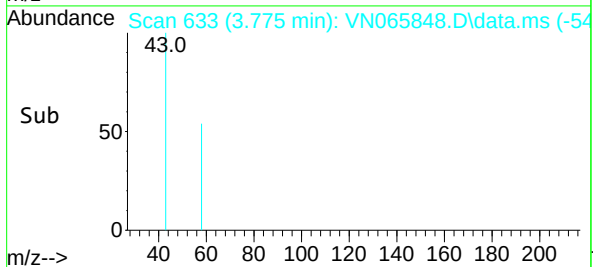
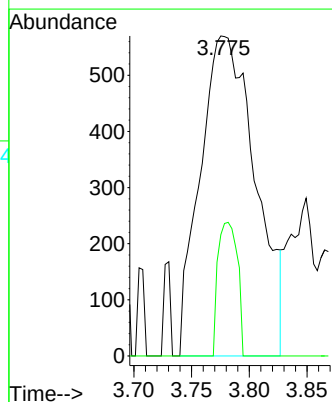
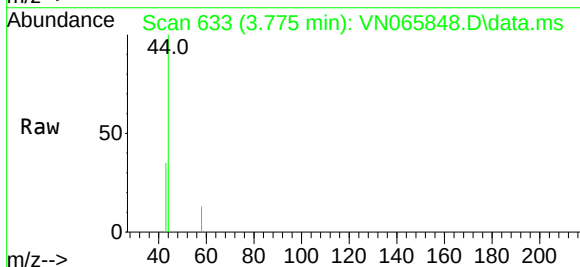
Instrument :
MSVOA_N
ClientSampled :

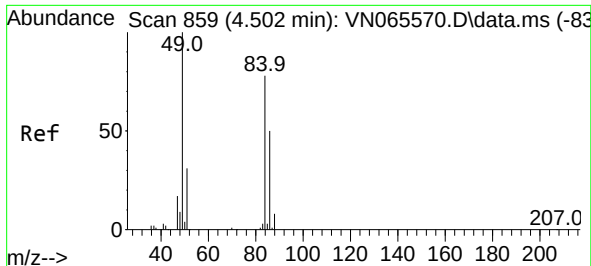
Tgt Ion:168 Resp: 120368
Ion Ratio Lower Upper
168 100
99 55.9 42.6 63.8



#16
Acetone
Concen: 3.09 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

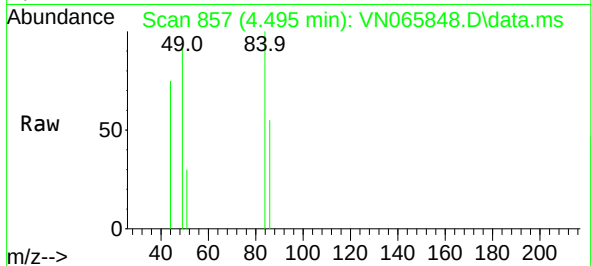
Tgt Ion: 43 Resp: 1904
Ion Ratio Lower Upper
43 100
58 37.9 27.0 40.6



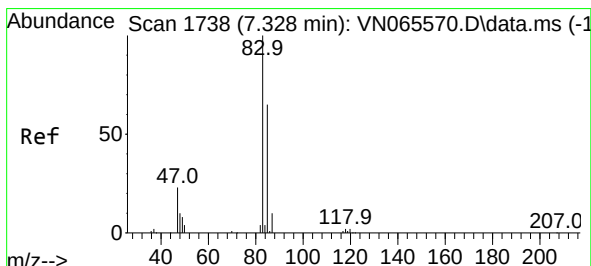
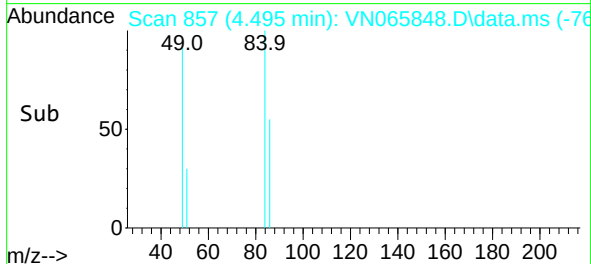
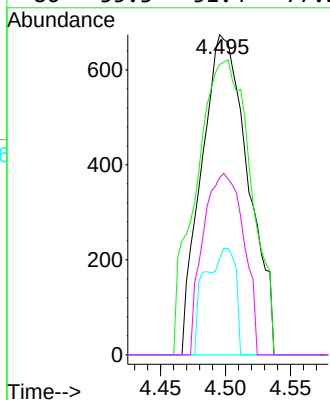


#20
Methylene Chloride
Concen: 0.99 ug/l
RT: 4.495 min Scan# 857
Delta R.T. -0.007 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Instrument :
MSVOA_N
ClientSampleId :

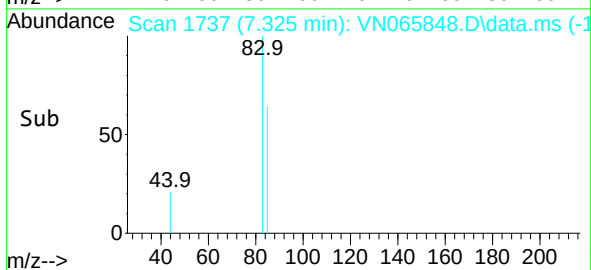
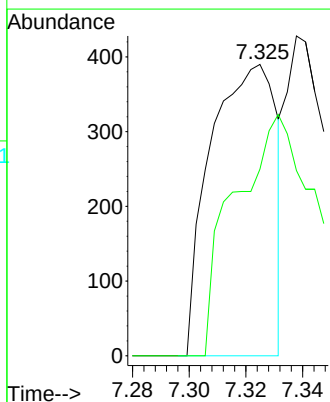
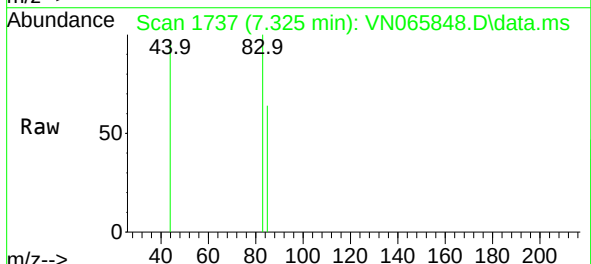


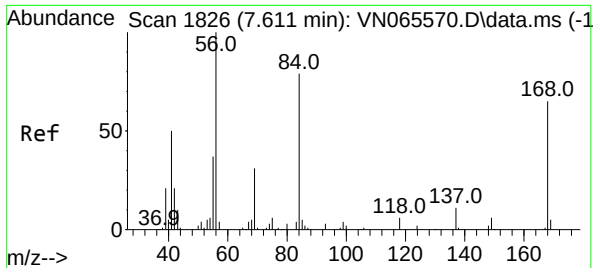
Tgt Ion:	84	Resp:	1682
Ion	Ratio	Lower	Upper
84	100		
49	90.7	94.6	141.8#
51	30.1	29.9	44.9
86	55.3	51.4	77.2



#30
Chloroform
Concen: 0.23 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Tgt Ion:	83	Resp:	626
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8

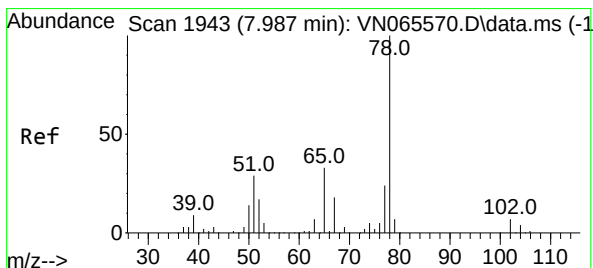
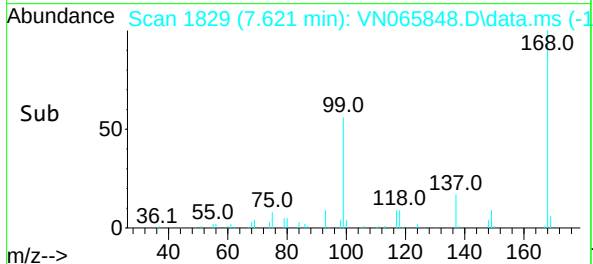
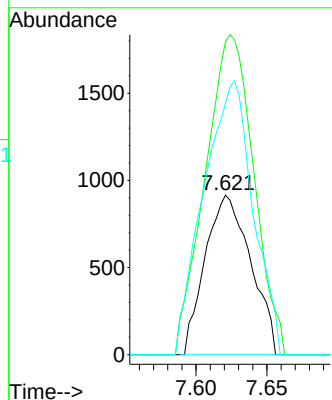
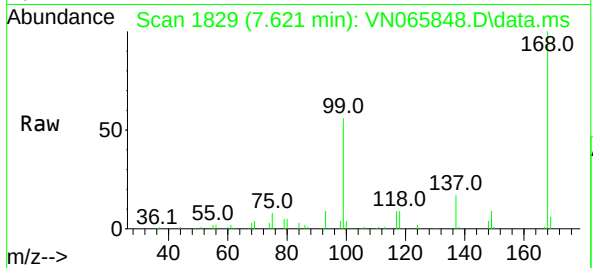




#31
Cyclohexane
Concen: 0.69 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

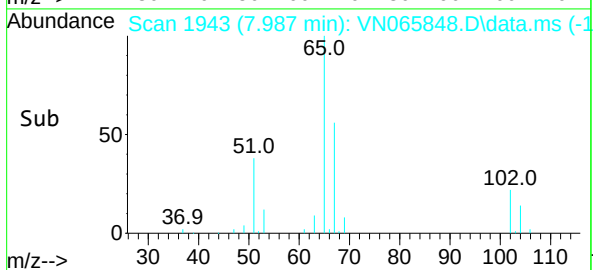
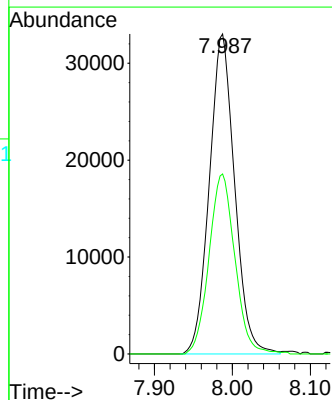
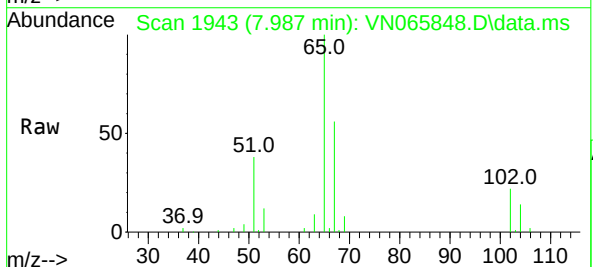
Instrument :
MSVOA_N
ClientSampled :

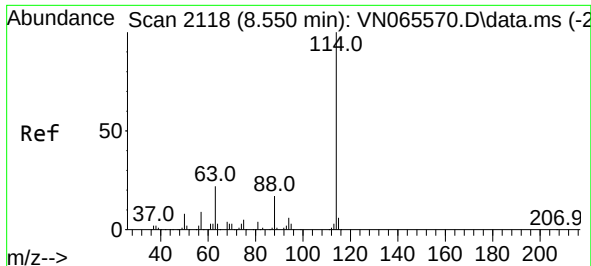
Tgt Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 176.2 26.6 39.8#
84 157.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.98 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 65 Resp: 74395
Ion Ratio Lower Upper
65 100
67 57.7 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: VN065848.D

Acq: 12 Feb 2021 19:11

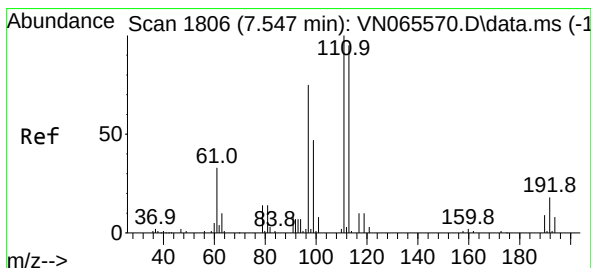
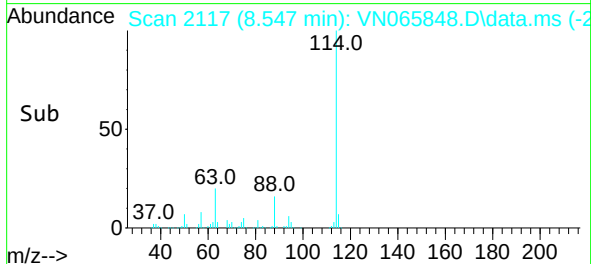
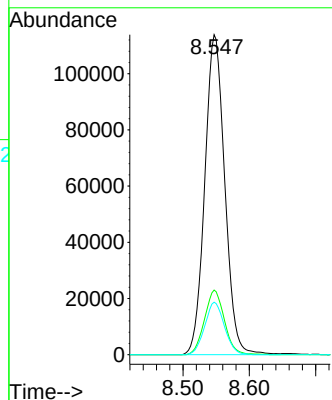
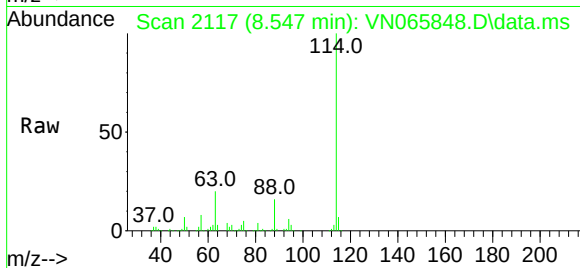
Tgt Ion:114 Resp: 238631

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.52 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065848.D

Acq: 12 Feb 2021 19:11

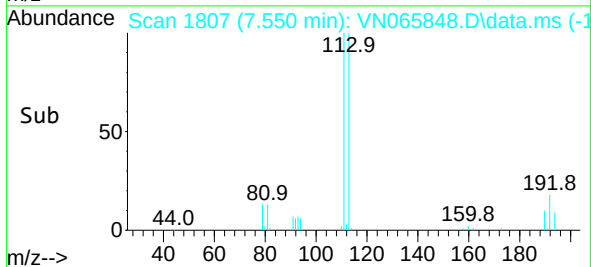
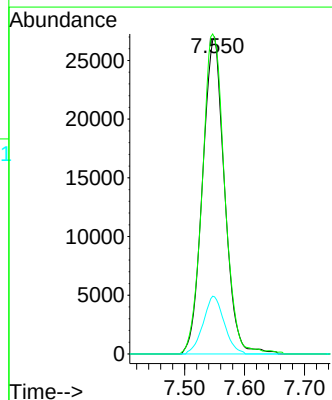
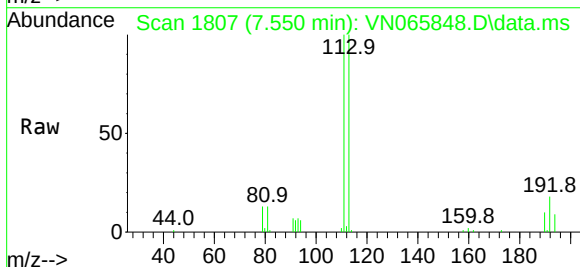
Tgt Ion:113 Resp: 68608

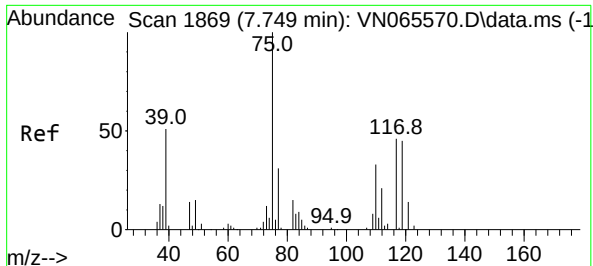
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 17.5 15.4 23.0



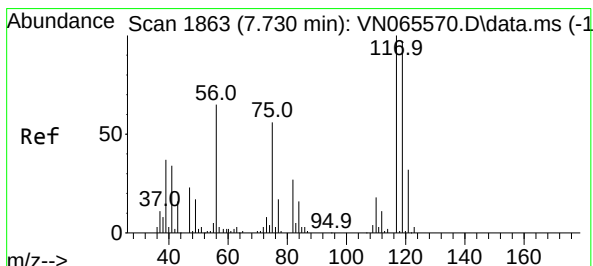
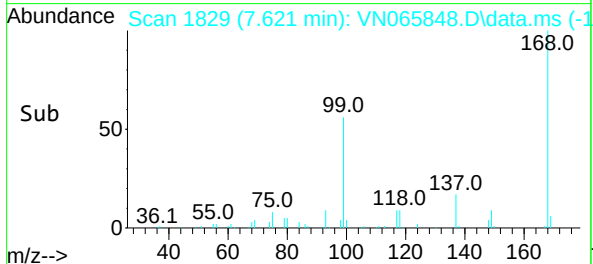
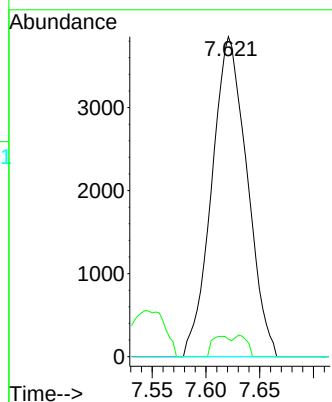
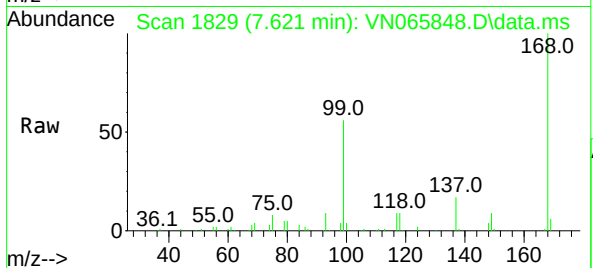


#36

1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Instrument :
MSVOA_N
ClientSampled :

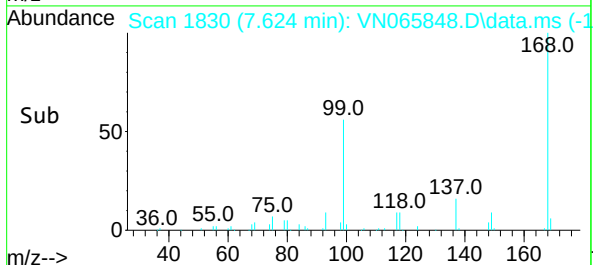
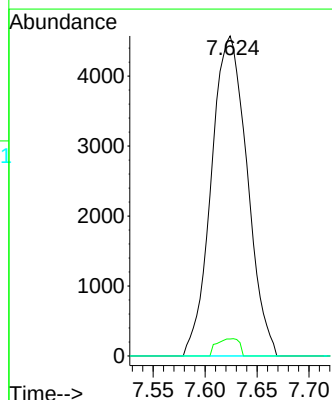
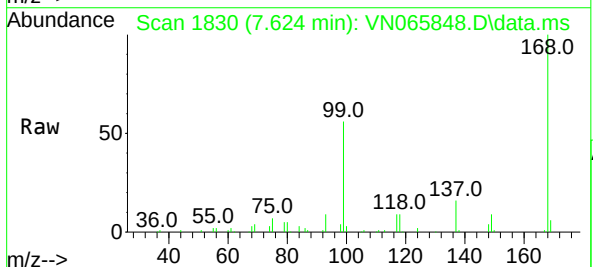
Tgt Ion: 75 Resp: 8783
Ion Ratio Lower Upper
75 100
110 3.4 18.2 54.6#
77 0.0 24.9 37.3#

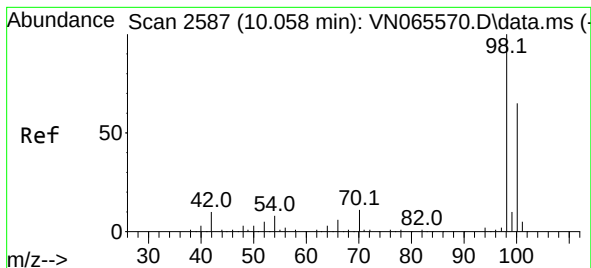


#38

Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 117 Resp: 10962
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

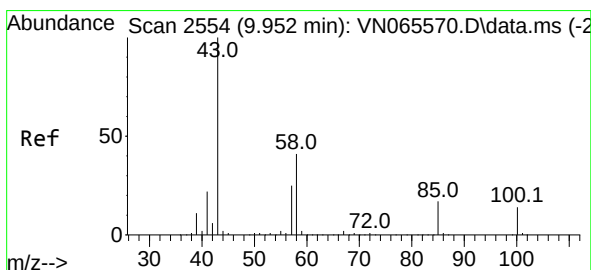
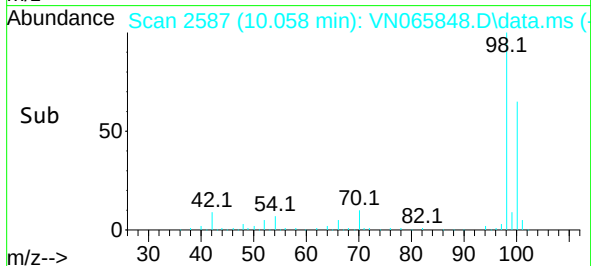
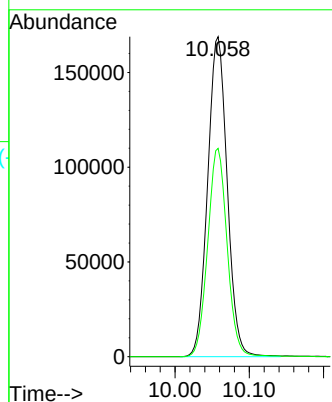
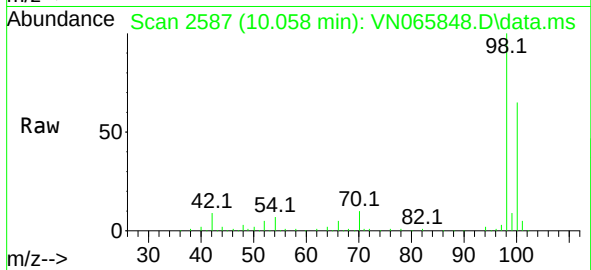




#50
Toluene-d8
Concen: 55.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

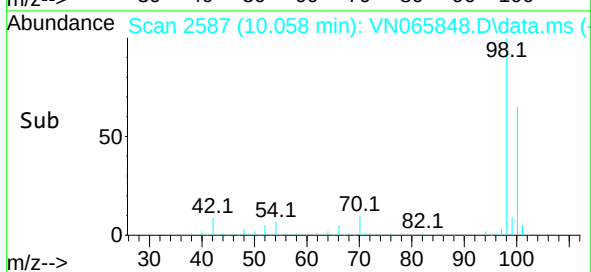
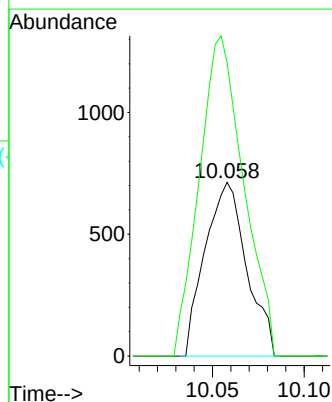
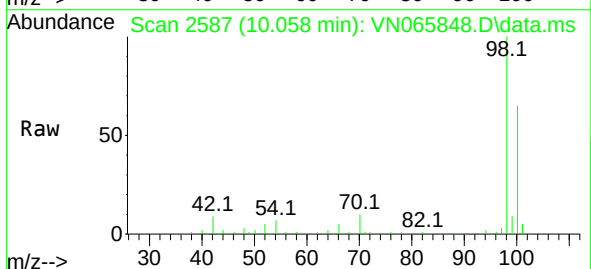
Instrument :
MSVOA_N
ClientSampled :

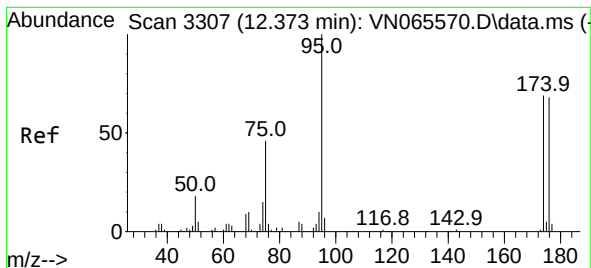
Tgt Ion: 98 Resp: 308813
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 196.4 32.5 48.7#

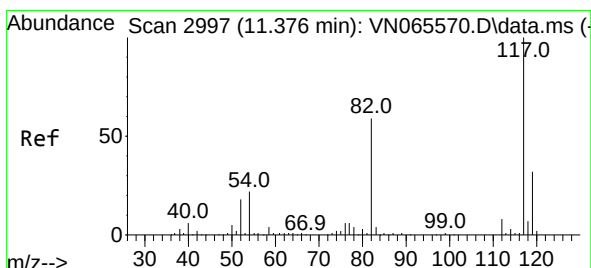
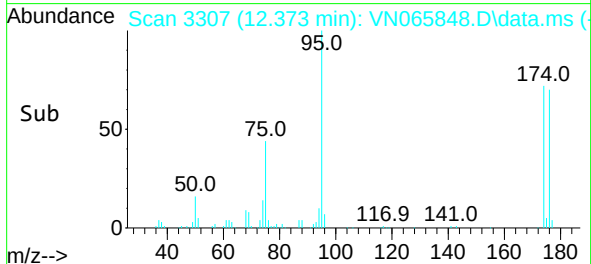
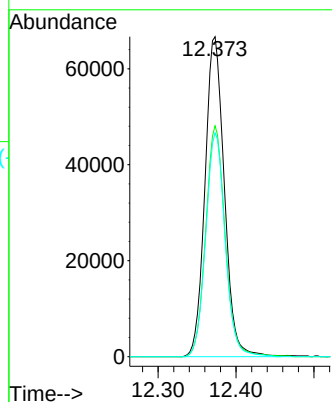
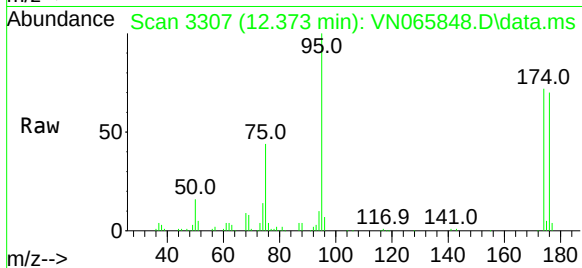




#62
4-Bromofluorobenzene
Concen: 57.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

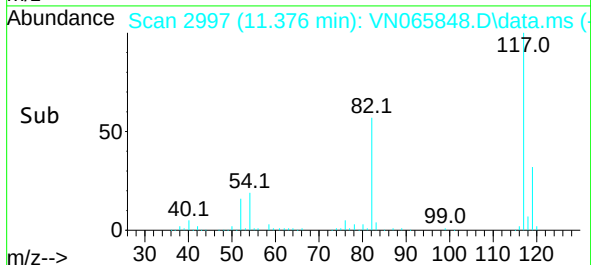
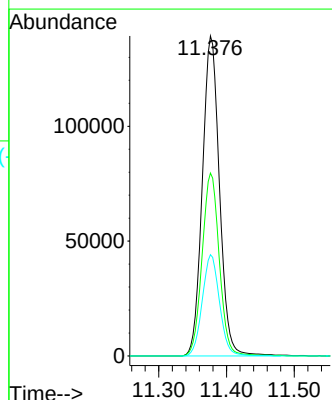
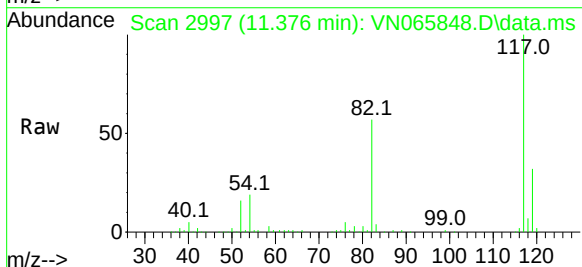
Instrument :
MSVOA_N
ClientSampleId :

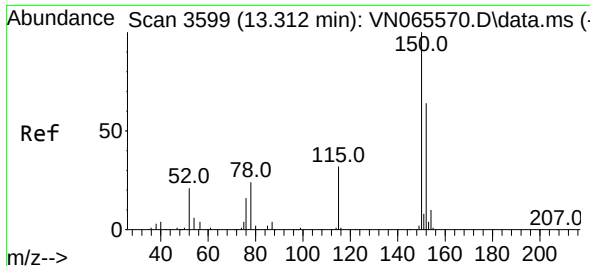
Tgt Ion: 95 Resp: 115072
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 70.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 117 Resp: 244840
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 31.7 26.1 39.1

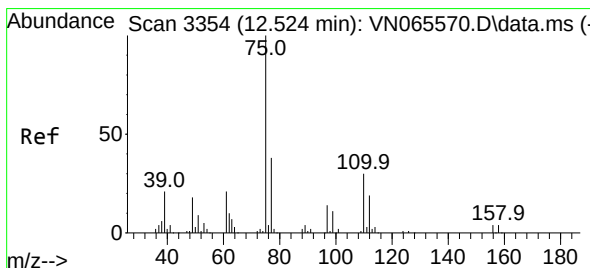
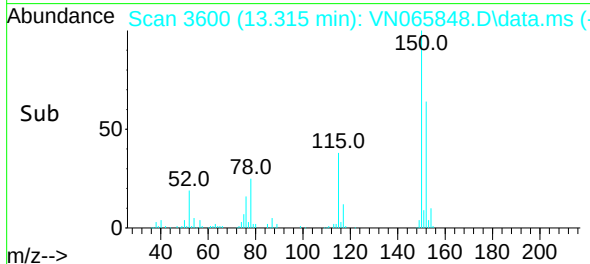
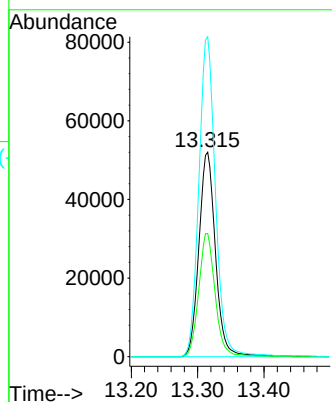
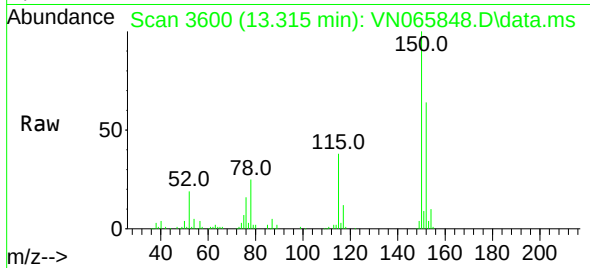




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

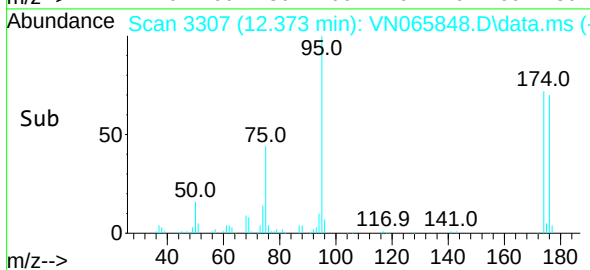
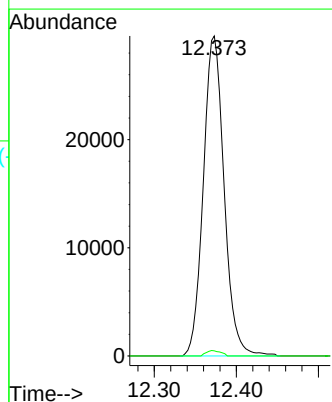
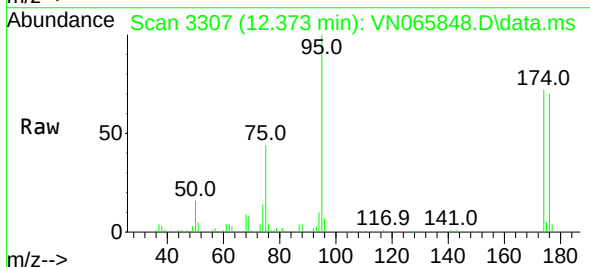
Instrument :
MSVOA_N
ClientSampled :

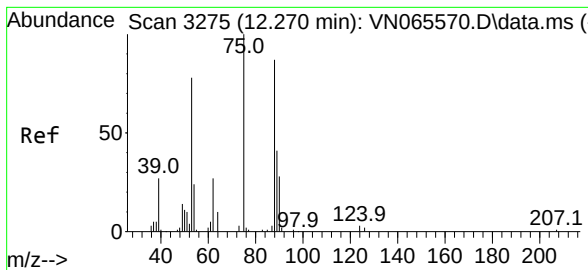
Tgt Ion:152 Resp: 90331
Ion Ratio Lower Upper
152 100
115 59.5 28.5 85.6
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065848.D
Acq: 12 Feb 2021 19:11

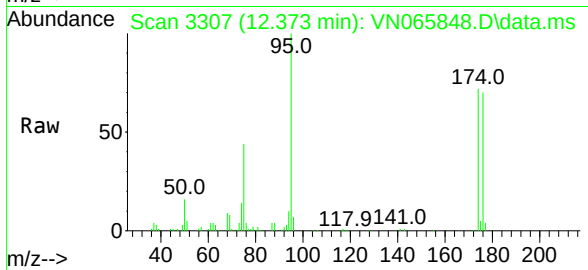
Tgt Ion: 75 Resp: 52119
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.52 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065848.D
 Acq: 12 Feb 2021 19:11

Instrument :
 MSVOA_N
 ClientSampleId :



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

