

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065847.D
 Acq On : 12 Feb 2021 18:47
 Operator : JC/MD
 Sample : M1382-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:50:33 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)

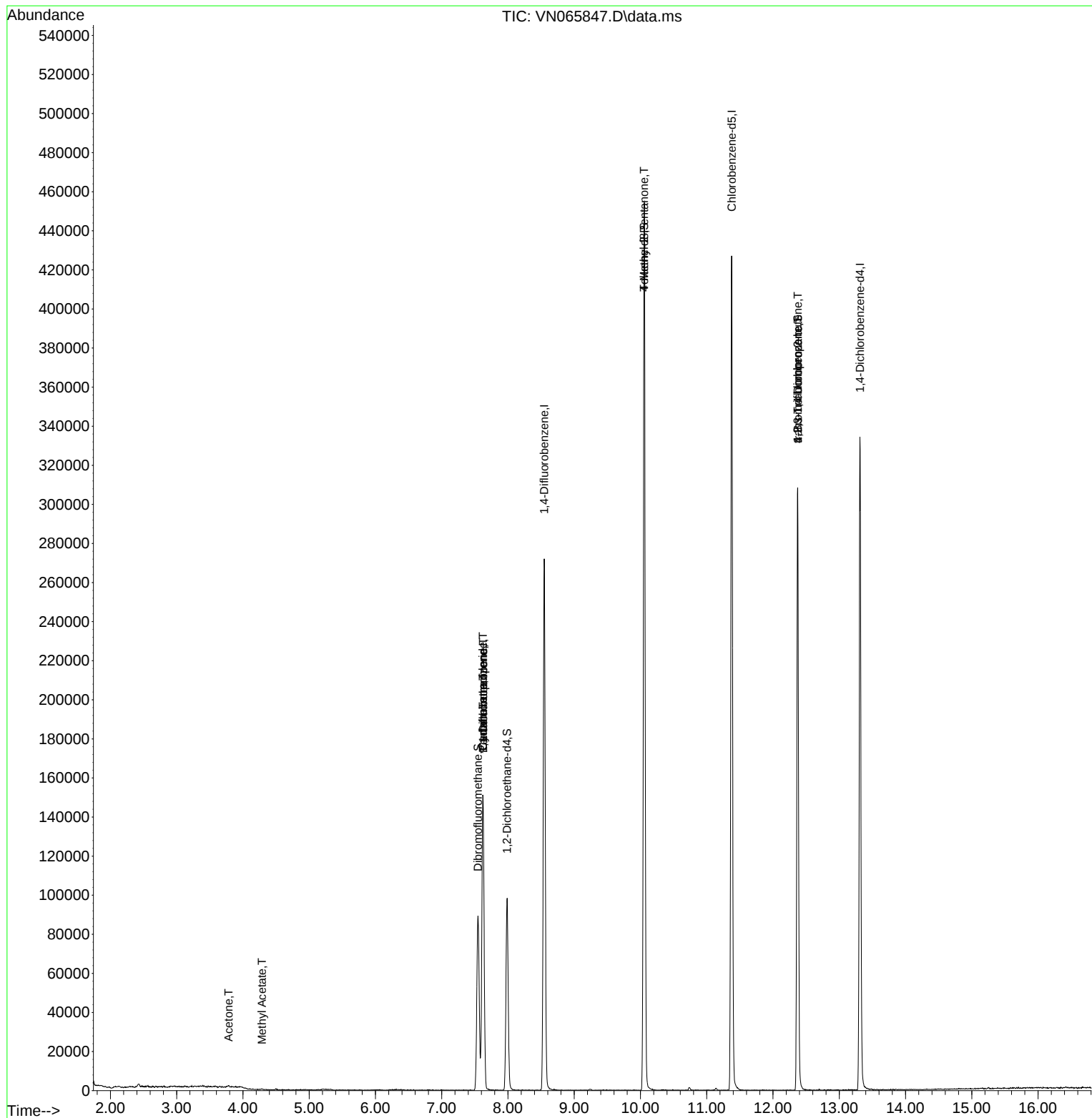
Internal Standards						
1) Pentafluorobenzene	7.624	168	130550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	258004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	266539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	98065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	82988	48.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.64%		
35) Dibromofluoromethane	7.547	113	74429	48.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.36%		
50) Toluene-d8	10.055	98	336876	56.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.10%		
62) 4-Bromofluorobenzene	12.373	95	128231	59.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.50%		
Target Compounds						Qvalue
16) Acetone	3.782	43	1165	1.74	ug/l #	41
18) Methyl Acetate	4.287	43	566	0.30	ug/l #	51
31) Cyclohexane	7.621	56	1192	0.37	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	9496	3.66	ug/l #	44
38) Carbon Tetrachloride	7.621	117	12110	5.67	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1255	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	57222	22.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	57222	57.16	ug/l #	12

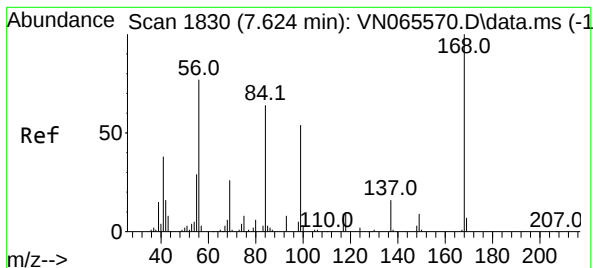
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.000 min

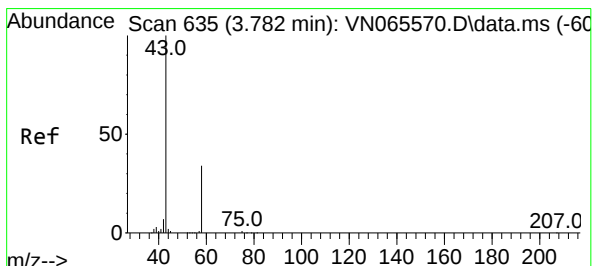
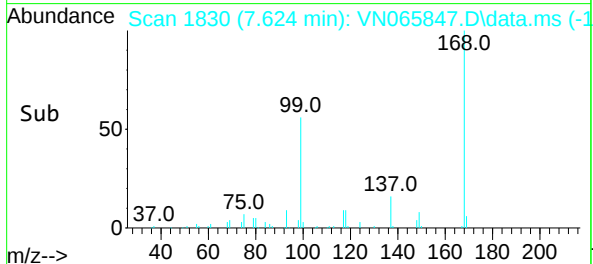
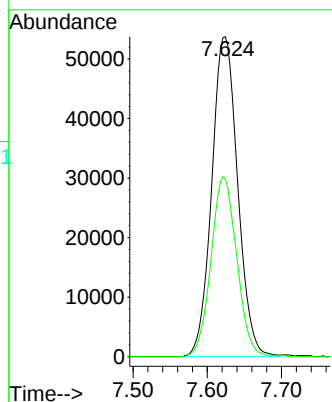
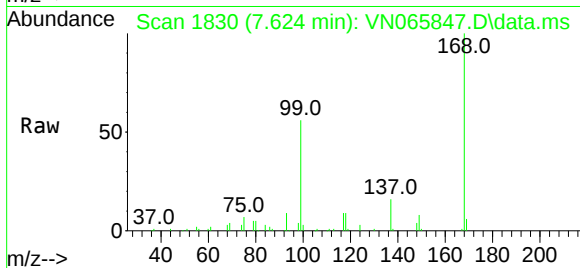
Lab File: VN065847.D

Acq: 12 Feb 2021 18:47

Tgt Ion:168 Resp: 130550

Ion Ratio Lower Upper

168	100		
99	55.5	42.6	63.8



#16

Acetone

Concen: 1.74 ug/l

RT: 3.782 min Scan# 635

Delta R.T. -0.000 min

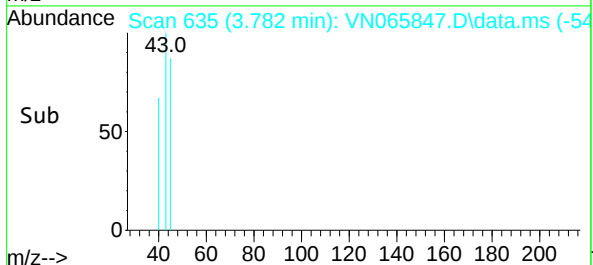
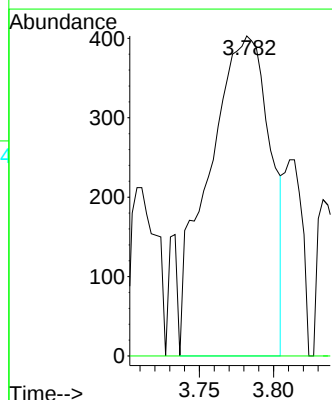
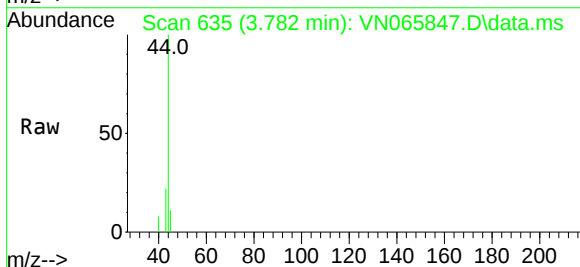
Lab File: VN065847.D

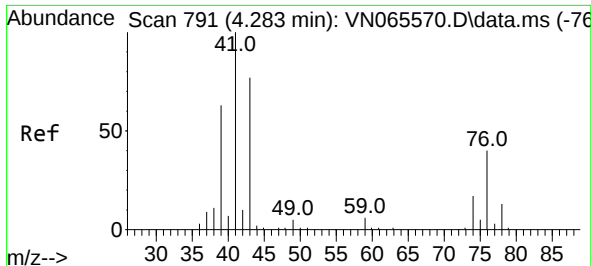
Acq: 12 Feb 2021 18:47

Tgt Ion: 43 Resp: 1165

Ion Ratio Lower Upper

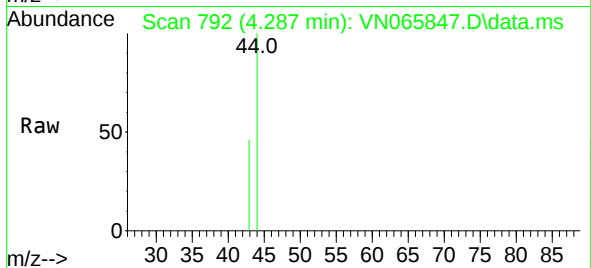
43	100		
58	0.0	27.0	40.6#



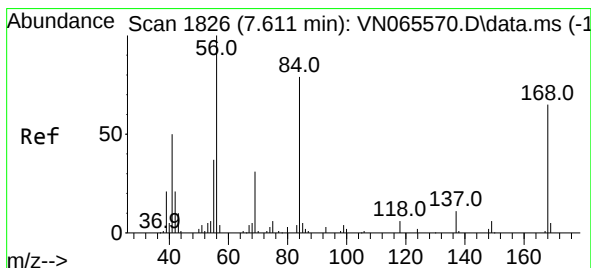
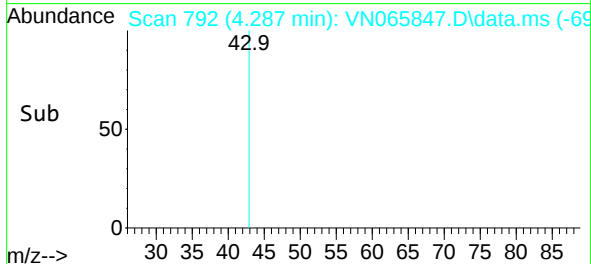
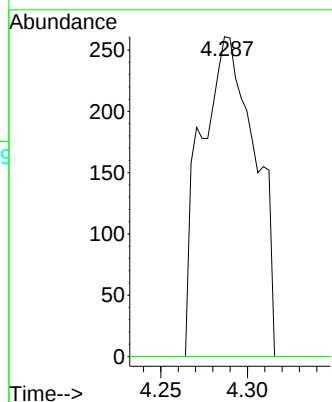


#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

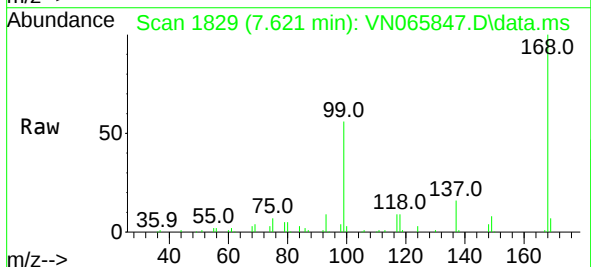
Instrument :
MSVOA_N
ClientSampled :



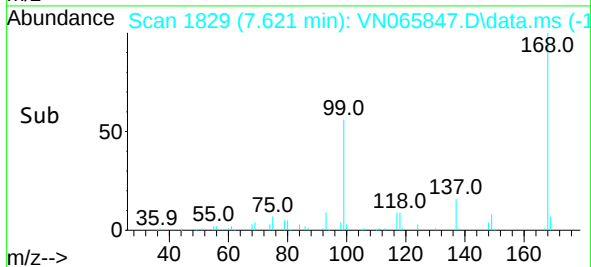
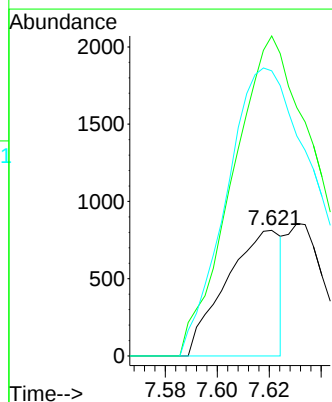
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

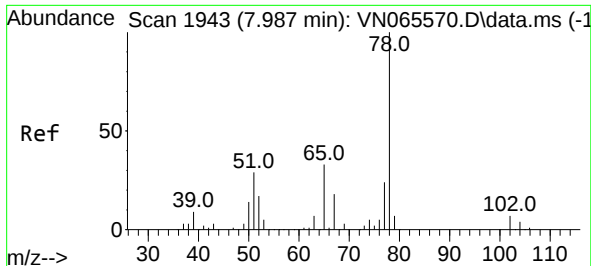


#31
Cyclohexane
Concen: 0.37 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47



Tgt Ion: 56 Resp: 1192
Ion Ratio Lower Upper
56 100
69 254.7 26.6 39.8#
84 226.9 70.4 105.6#

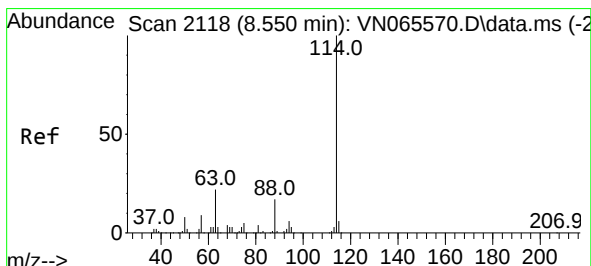
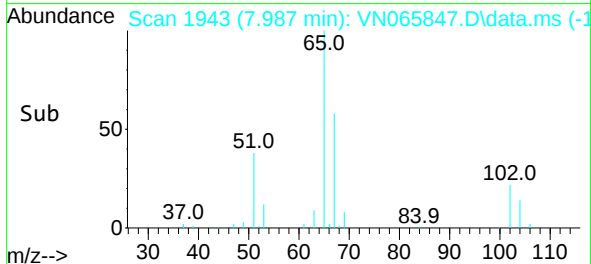
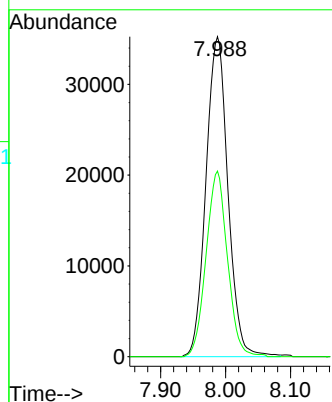
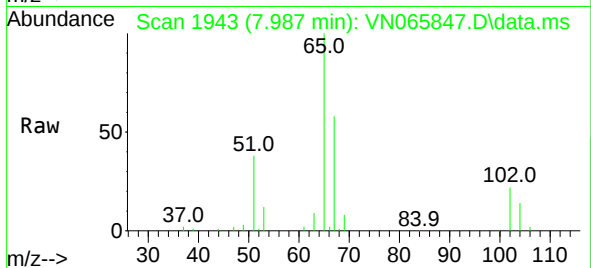




#33
1,2-Dichloroethane-d4
Concen: 48.32 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

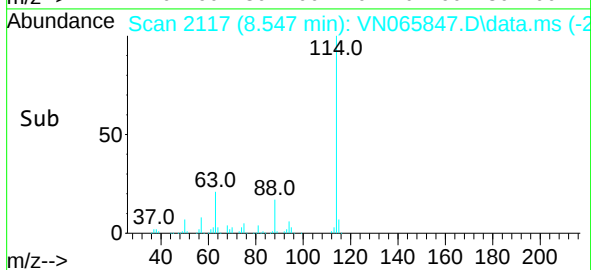
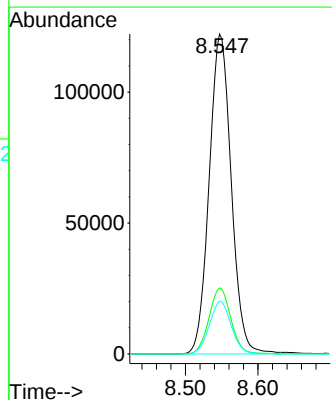
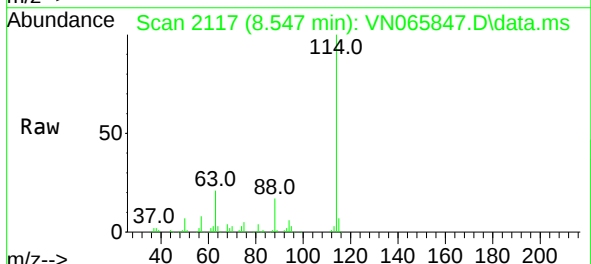
Instrument :
MSVOA_N
ClientSampled :

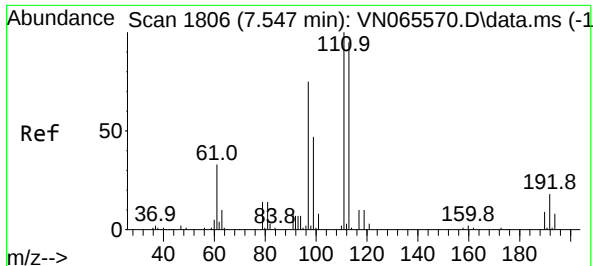
Tgt Ion: 65 Resp: 82988
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 114 Resp: 258004
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.68 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN065847.D

Acq: 12 Feb 2021 18:47

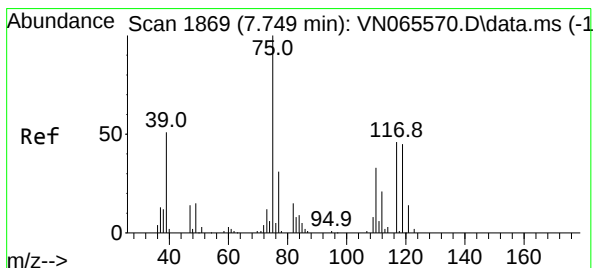
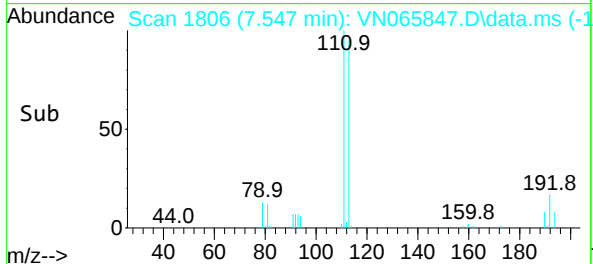
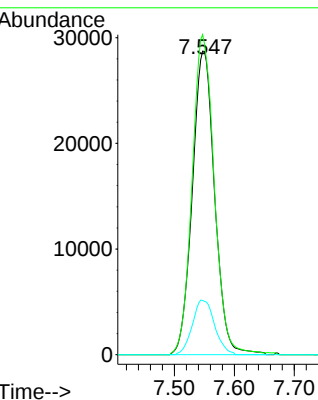
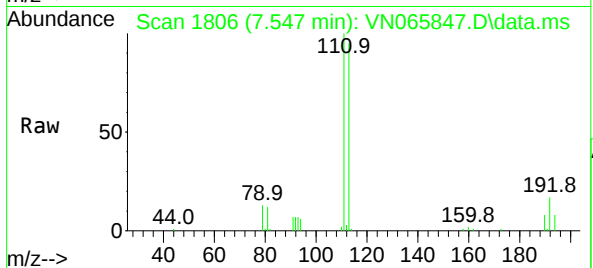
Tgt Ion:113 Resp: 74429

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 17.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 3.66 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065847.D

Acq: 12 Feb 2021 18:47

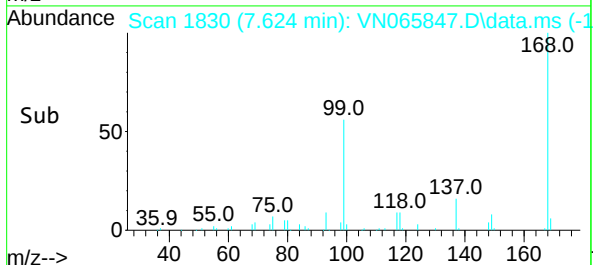
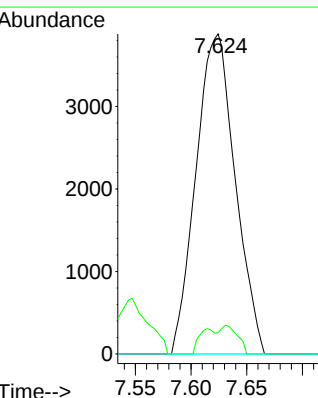
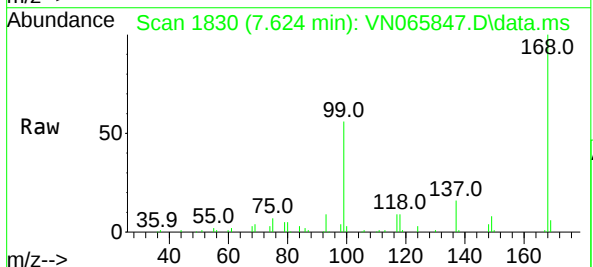
Tgt Ion: 75 Resp: 9496

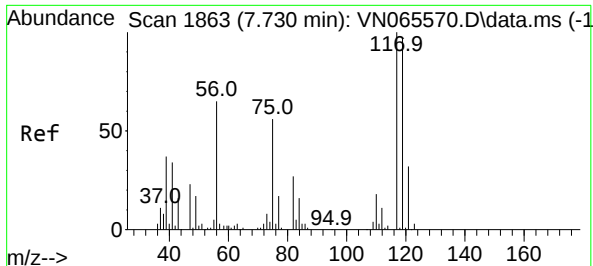
Ion Ratio Lower Upper

75 100

110 3.8 18.2 54.6#

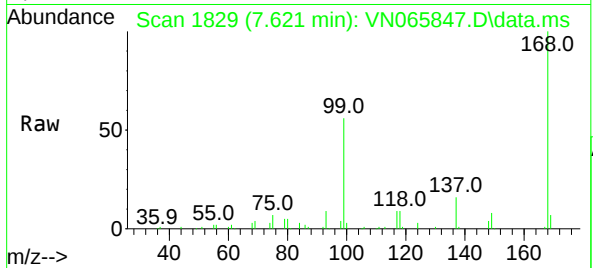
77 0.0 24.9 37.3#



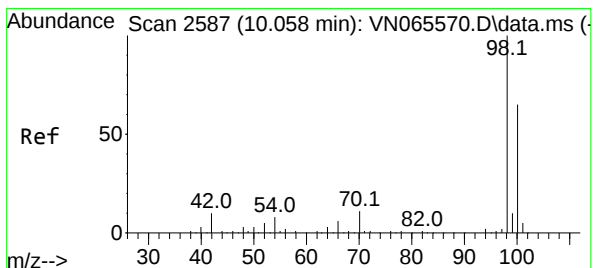
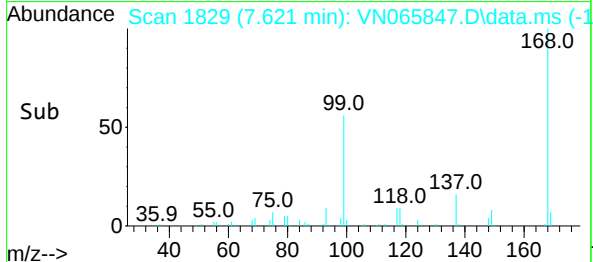
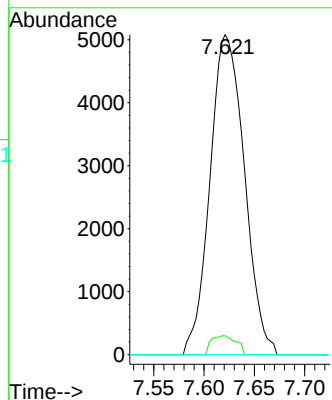


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Instrument :
MSVOA_N
ClientSampled :

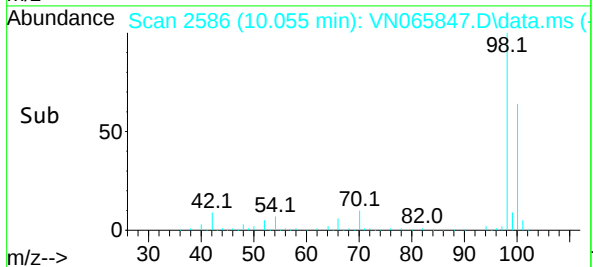
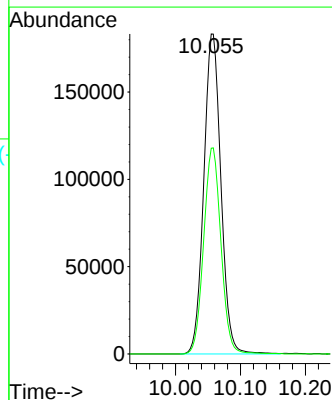
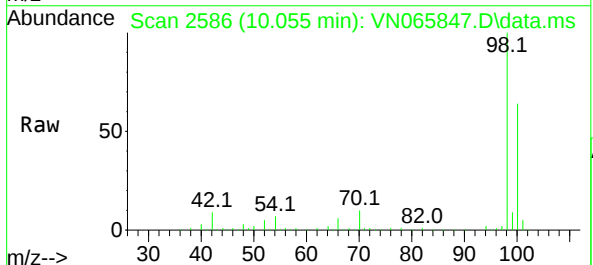


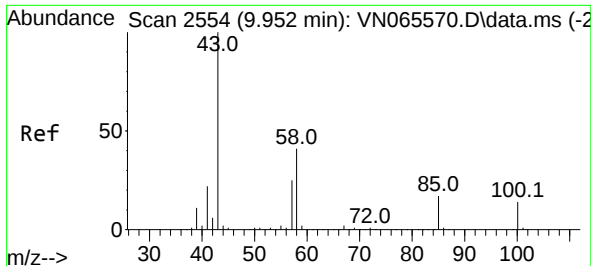
Tgt Ion:117 Resp: 12110
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 56.05 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 98 Resp: 336876
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

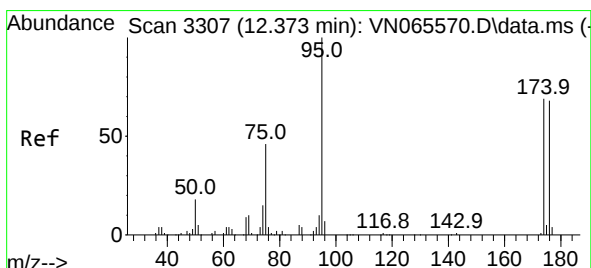
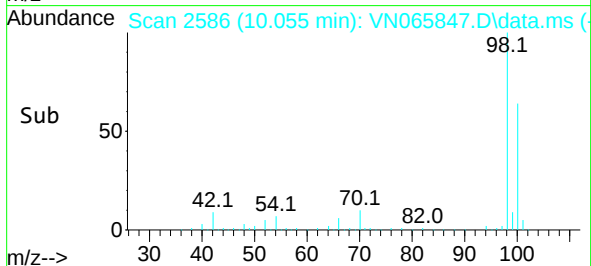
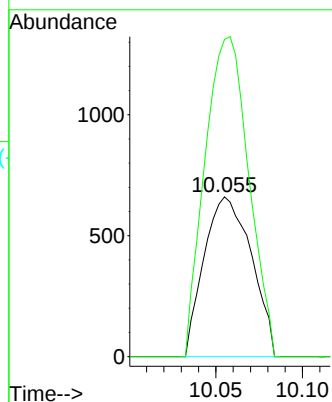
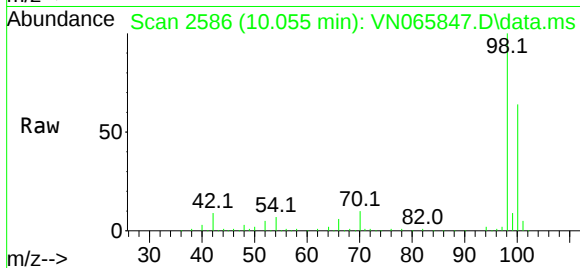




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

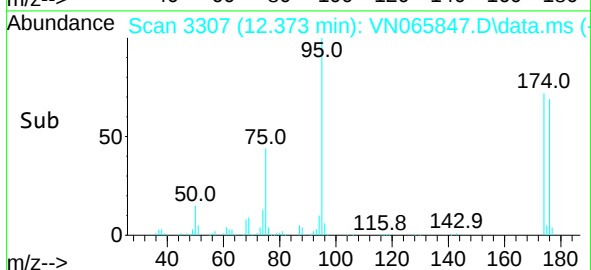
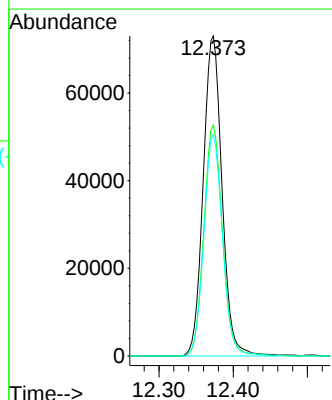
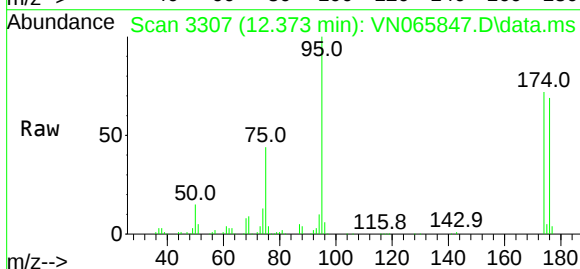
Instrument :
MSVOA_N
ClientSampled :

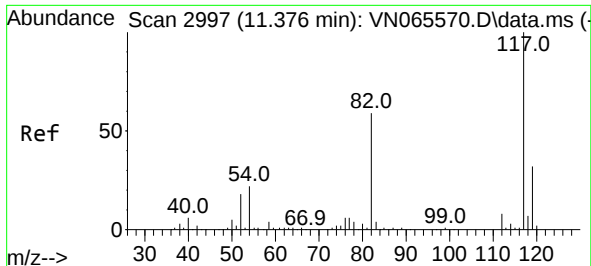
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 185.4 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 59.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 95 Resp: 128231
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 68.6 0.0 162.4

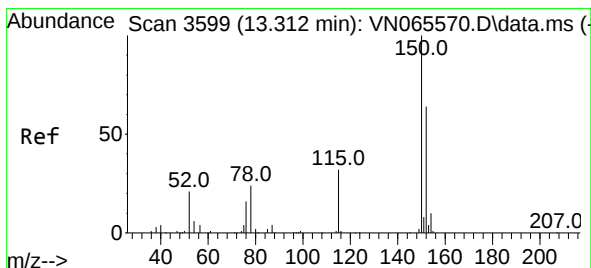
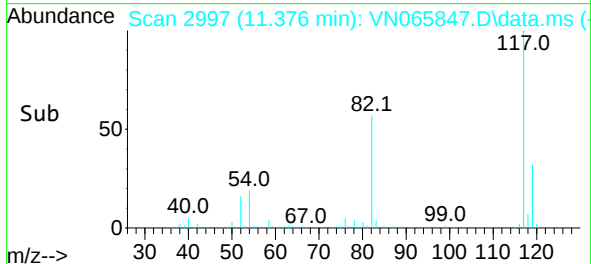
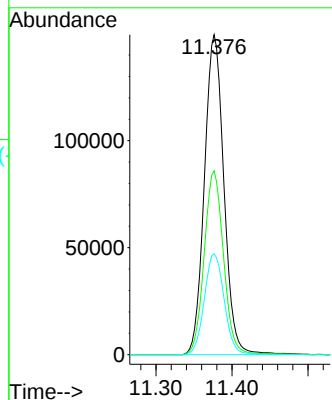
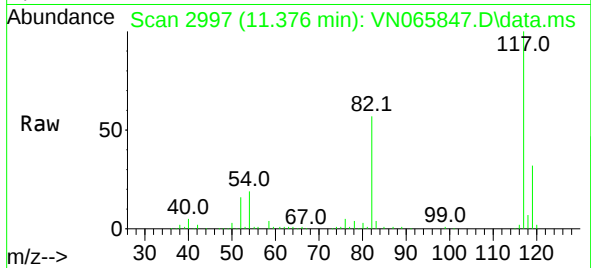




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

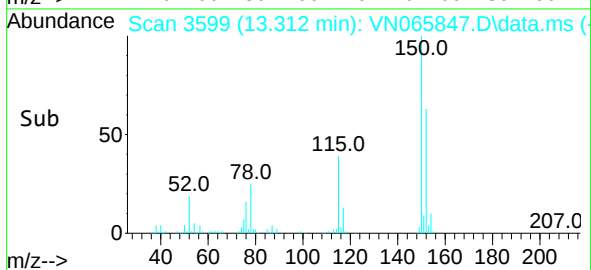
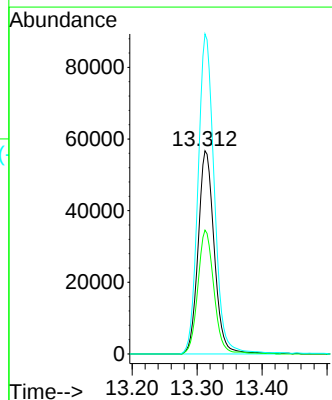
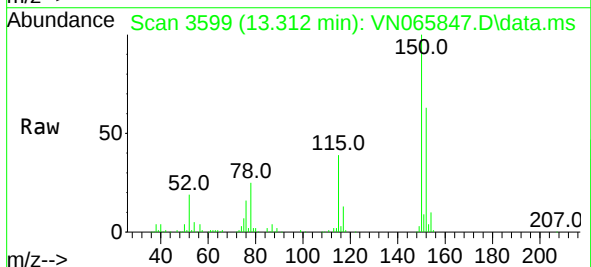
Instrument :
MSVOA_N
ClientSampleId :

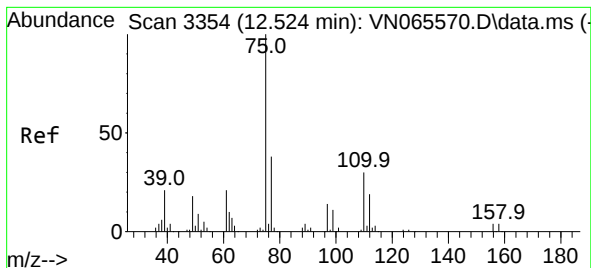
Tgt Ion:117 Resp: 266539
Ion Ratio Lower Upper
117 100
82 57.5 43.7 65.5
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Tgt Ion:152 Resp: 98065
Ion Ratio Lower Upper
152 100
115 60.9 28.5 85.6
150 158.8 0.0 347.6

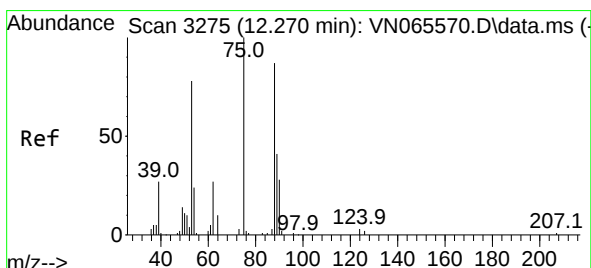
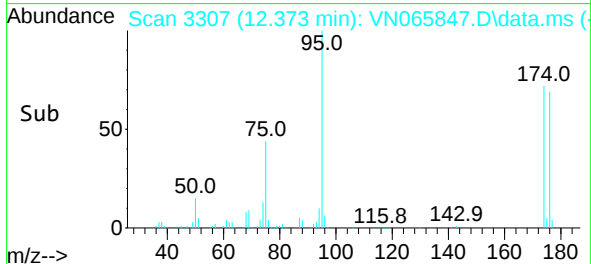
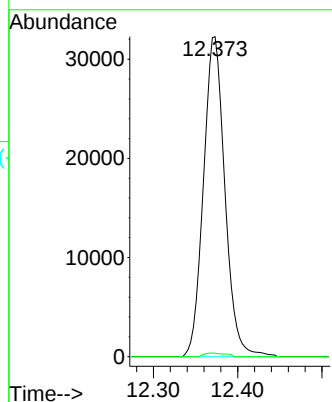
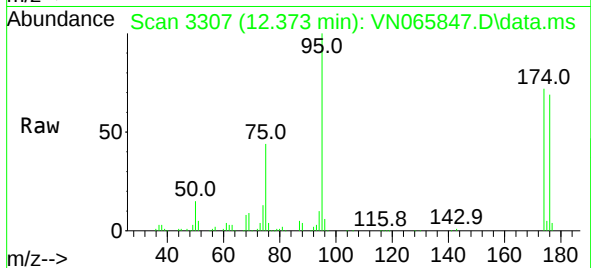




#76
1,2,3-Trichloropropane
Concen: 22.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 57222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065847.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 75 Resp: 57222
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

