

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065946.D
 Acq On : 18 Feb 2021 17:20
 Operator : JC/MD
 Sample : M1448-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 19 00:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

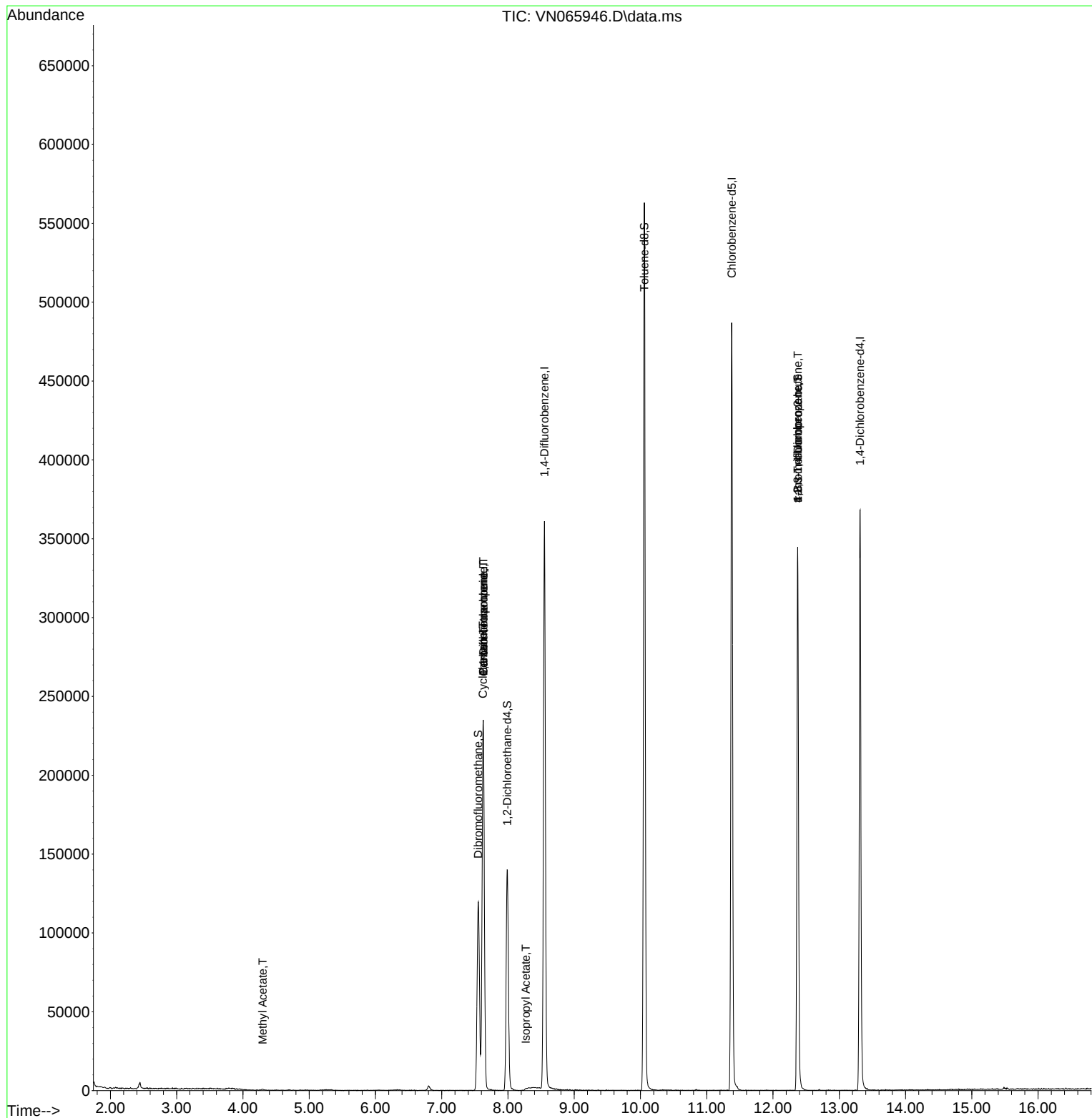
Internal Standards						
1) Pentafluorobenzene	7.627	168	190706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	328012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	297662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	125734	47.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.30%		
35) Dibromofluoromethane	7.550	113	98753	48.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.30%		
50) Toluene-d8	10.058	98	403656	48.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.88%		
62) 4-Bromofluorobenzene	12.373	95	135272	43.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.48%		
Target Compounds						
16) Acetone	3.798	43	406	Below Cal	#	41
18) Methyl Acetate	4.300	43	1112	0.50 ug/l	#	51
31) Cyclohexane	7.621	56	3677	0.92 ug/l	#	1
36) 1,1-Dichloropropene	7.627	75	15166	4.69 ug/l	#	48
38) Carbon Tetrachloride	7.627	117	19245	6.40 ug/l	#	17
43) Isopropyl Acetate	8.270	43	981	0.21 ug/l	#	53
76) 1,2,3-Trichloropropane	12.373	75	66124	25.80 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.373	75	66124	82.23 ug/l	#	12

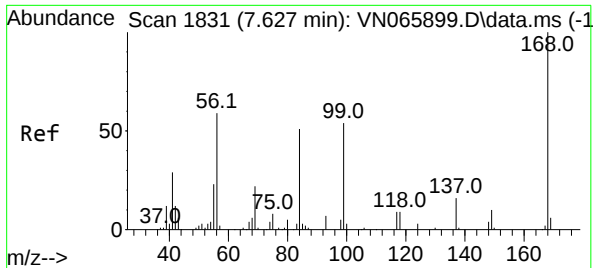
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

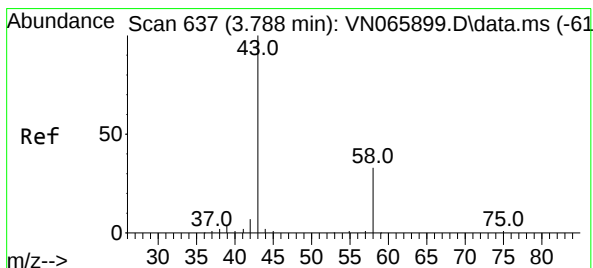
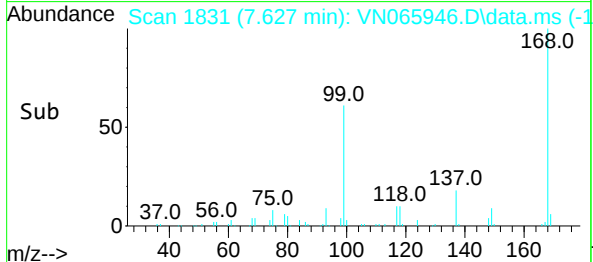
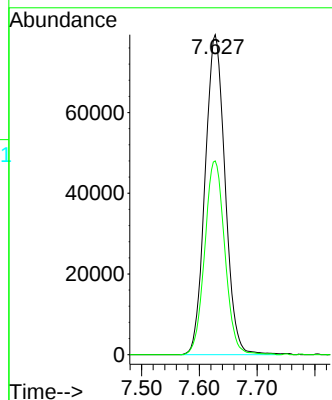
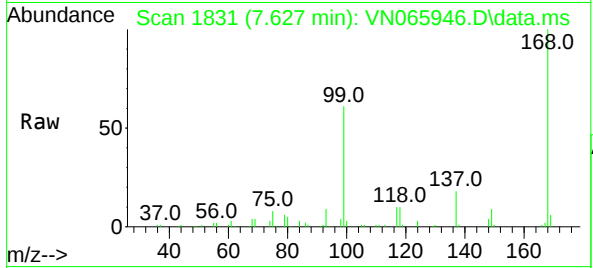




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

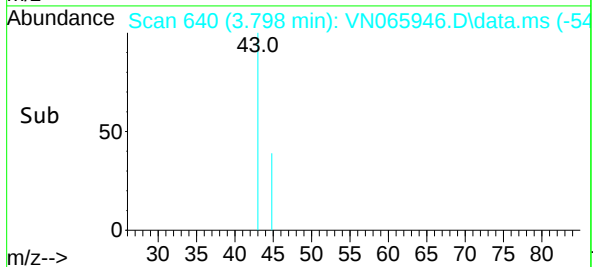
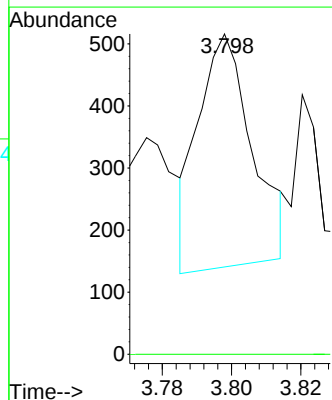
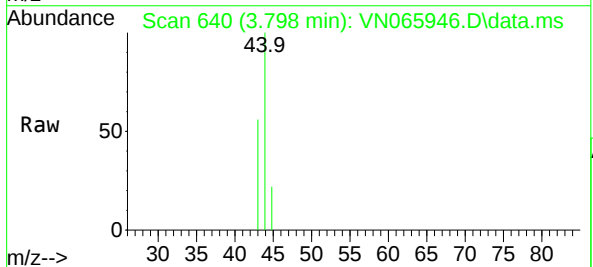
Instrument :
MSVOA_N
ClientSampled :

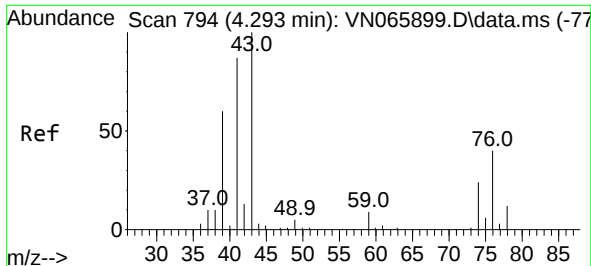
Tgt Ion:168 Resp: 190706
Ion Ratio Lower Upper
168 100
99 60.5 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: 0.50 ug/l

RT: 4.300 min Scan# 796

Delta R.T. 0.007 min

Lab File: VN065946.D

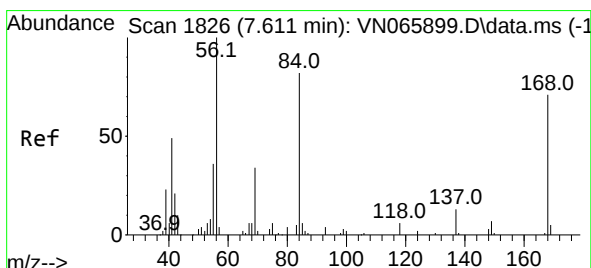
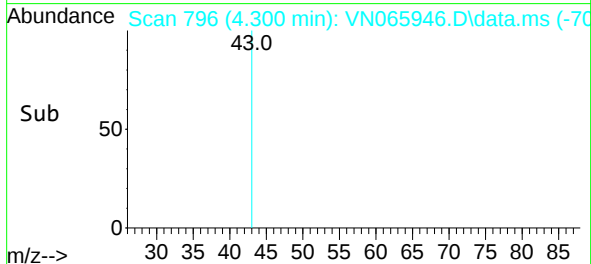
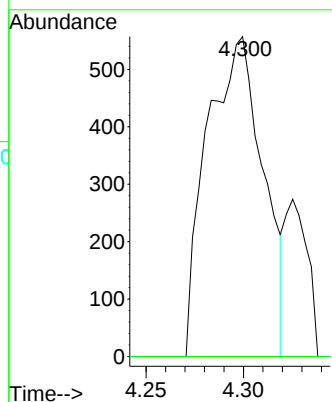
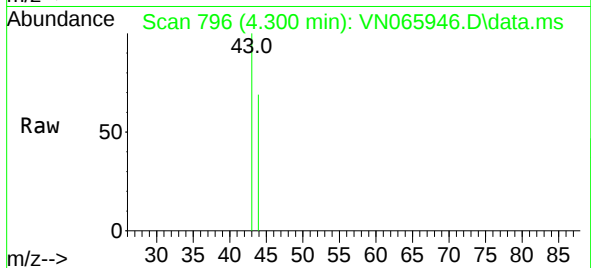
Acq: 18 Feb 2021 17:20

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.92 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065946.D

Acq: 18 Feb 2021 17:20

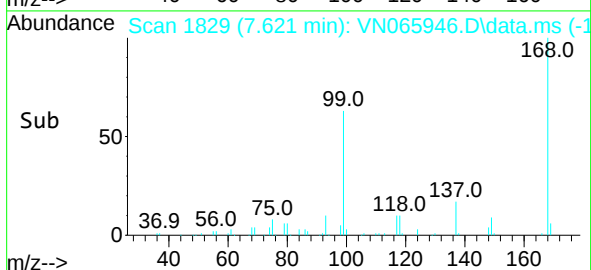
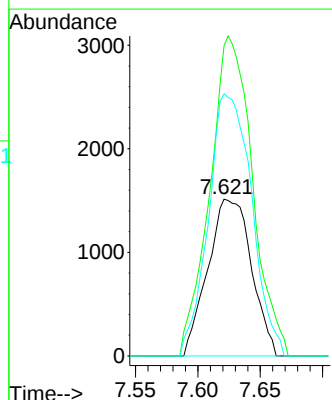
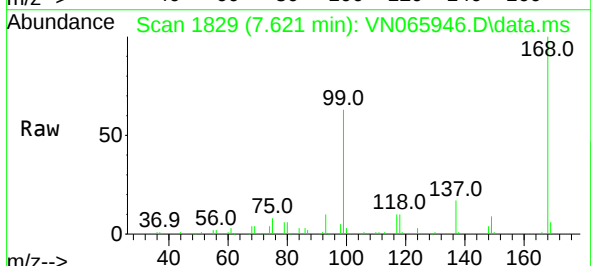
Tgt Ion: 56 Resp: 3677

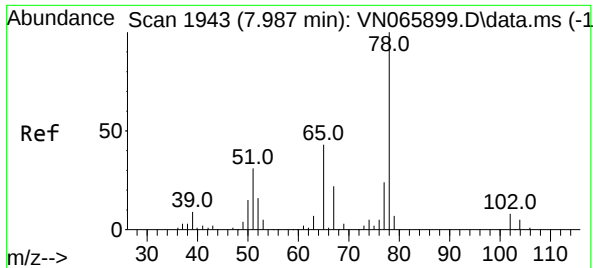
Ion Ratio Lower Upper

56 100

69 197.9 26.6 39.8#

84 167.1 70.4 105.6#



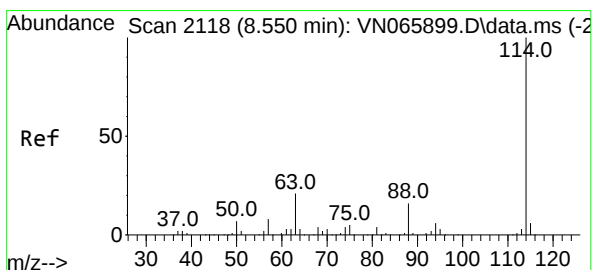
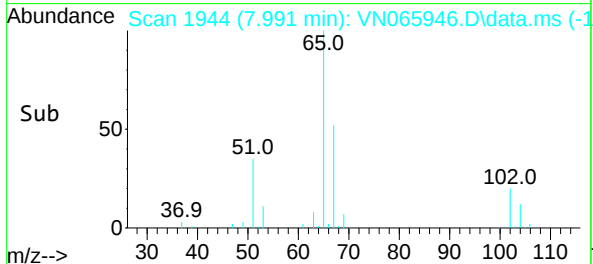
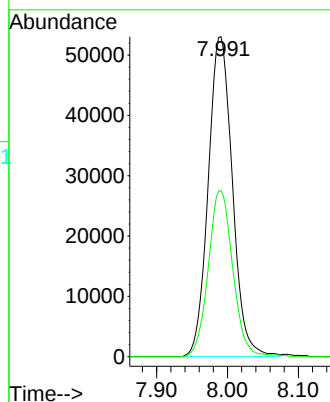
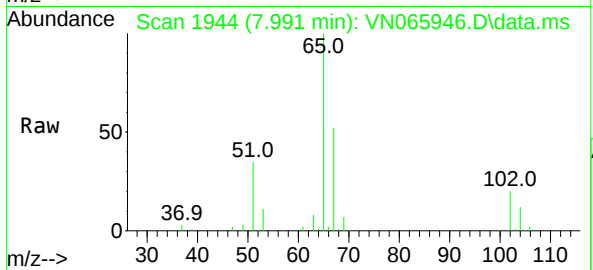


#33

1,2-Dichloroethane-d4
Concen: 47.15 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Instrument :
MSVOA_N
ClientSampled :

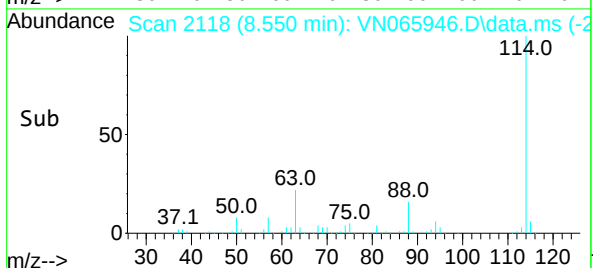
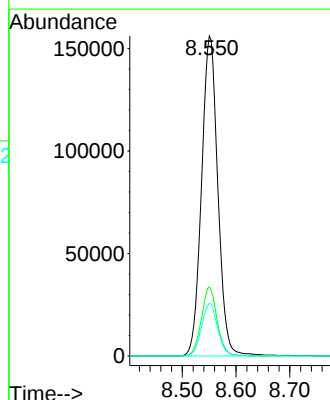
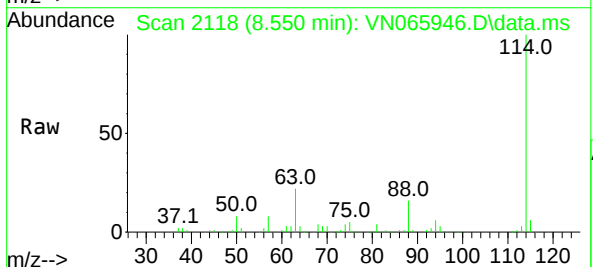
Tgt Ion: 65 Resp: 125734
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

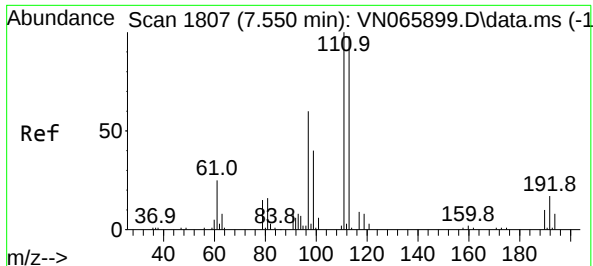


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 114 Resp: 328012
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.6
88 16.5 0.0 30.6

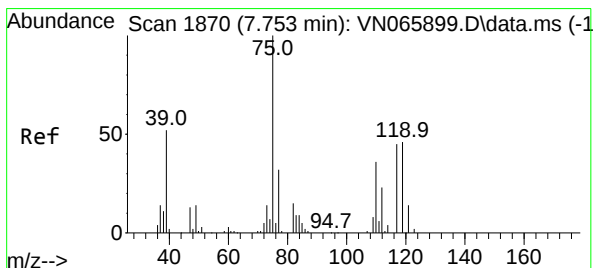
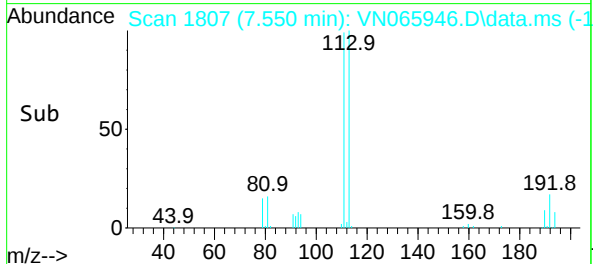
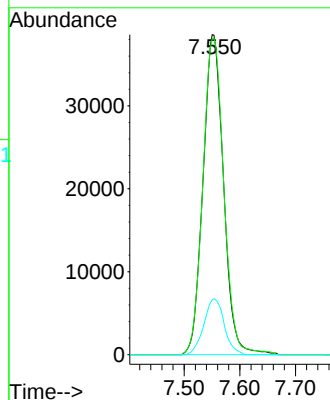
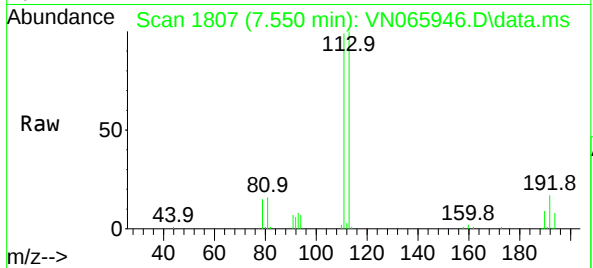




#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

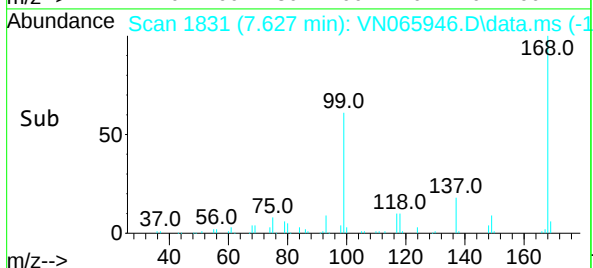
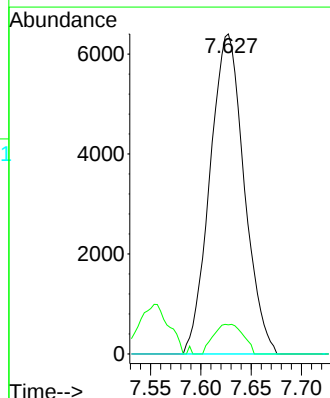
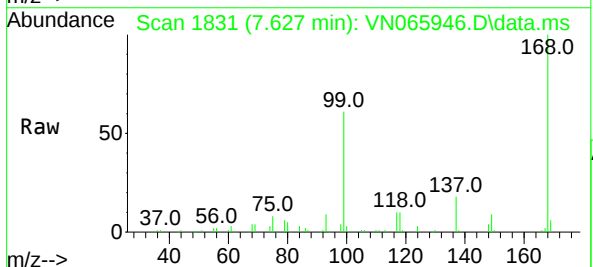
Instrument :
MSVOA_N
ClientSampled :

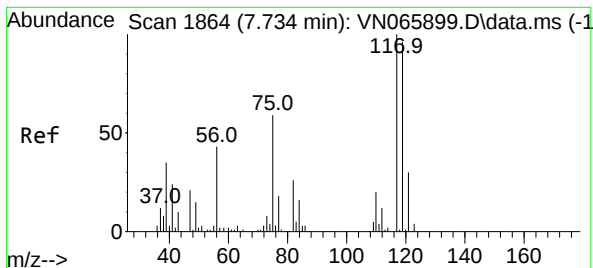
Tgt Ion:113 Resp: 98753
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 17.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

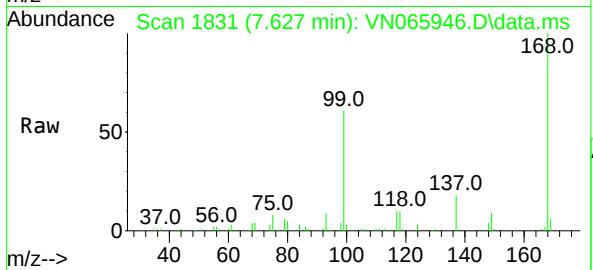
Tgt Ion: 75 Resp: 15166
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



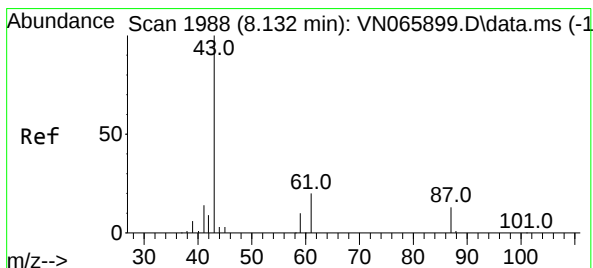
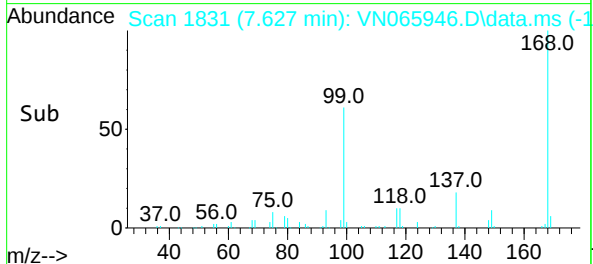
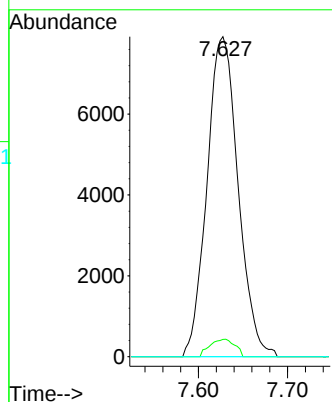


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Instrument :
MSVOA_N
ClientSampled :

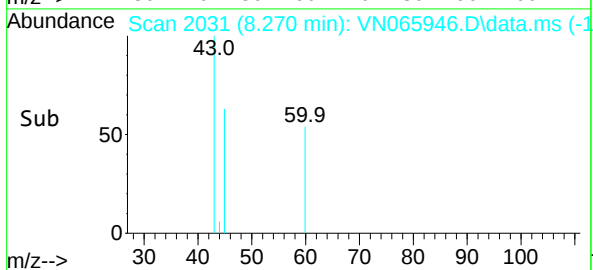
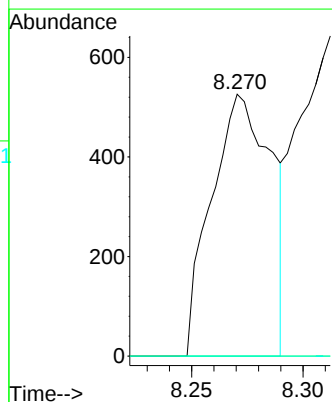
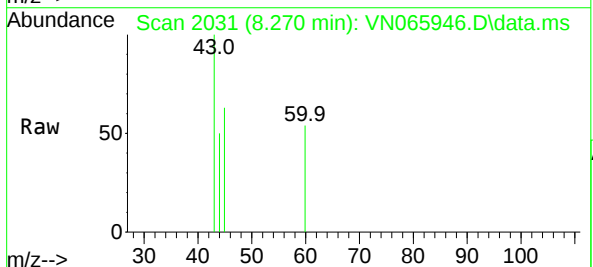


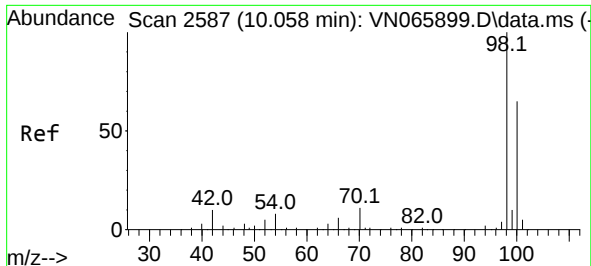
Tgt Ion:117 Resp: 19245
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.21 ug/l
RT: 8.270 min Scan# 2031
Delta R.T. 0.138 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#

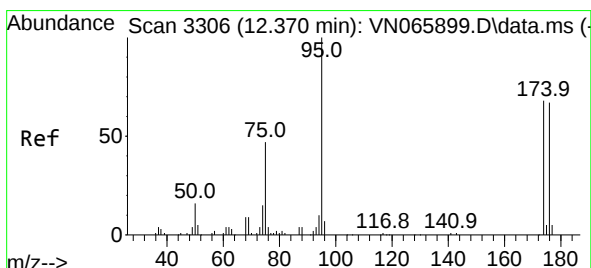
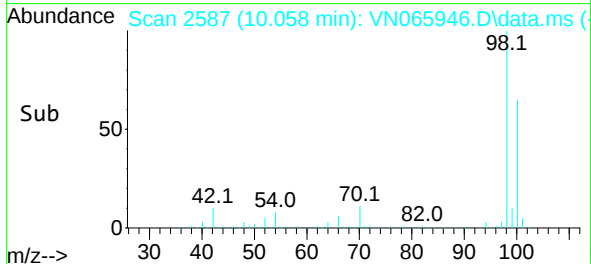
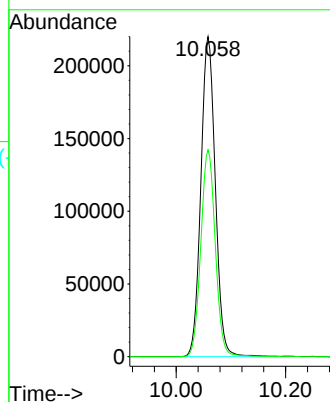
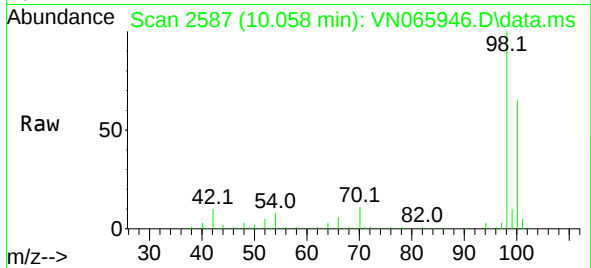




#50
Toluene-d8
Concen: 48.44 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

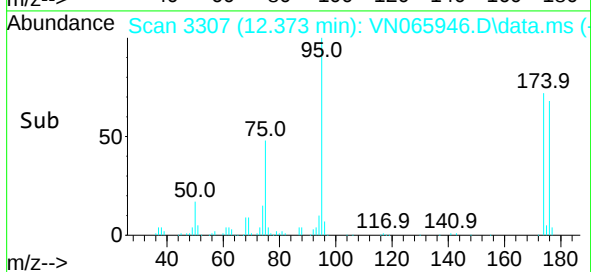
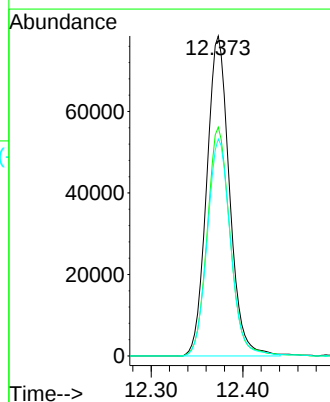
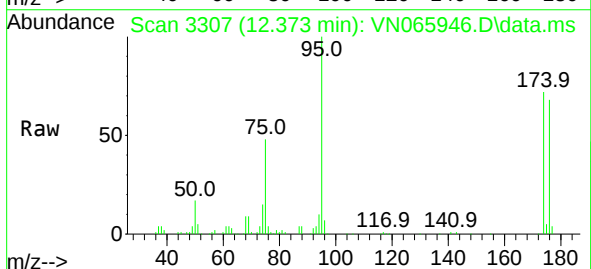
Instrument :
MSVOA_N
ClientSampled :

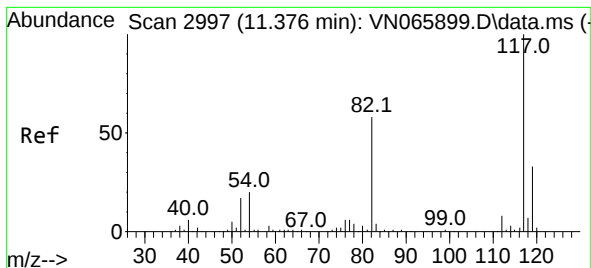
Tgt Ion: 98 Resp: 403656
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.24 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 95 Resp: 135272
Ion Ratio Lower Upper
95 100
174 71.9 0.0 169.0
176 69.5 0.0 162.4

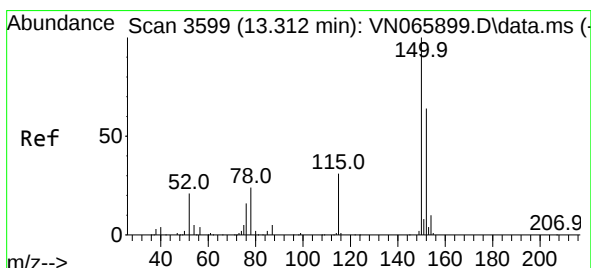
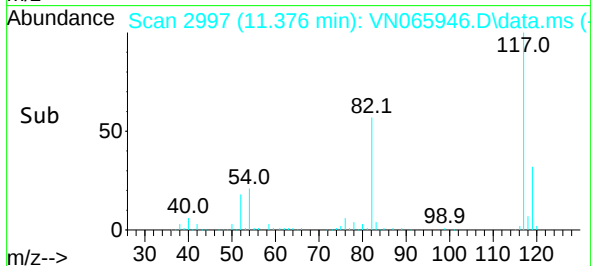
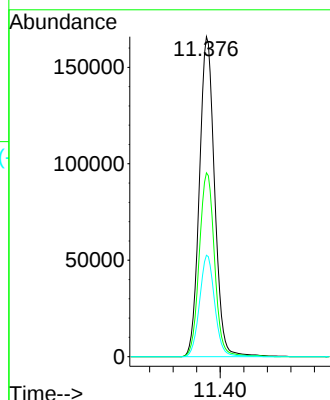
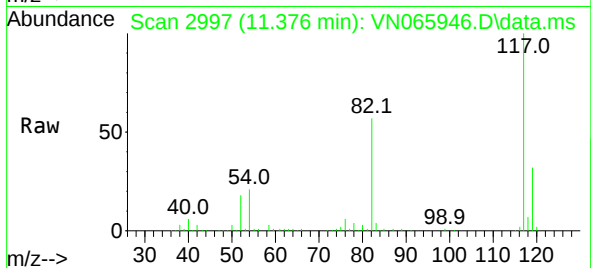




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

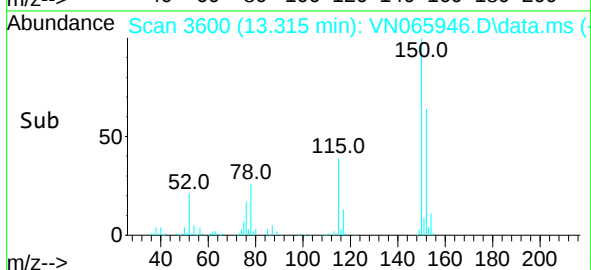
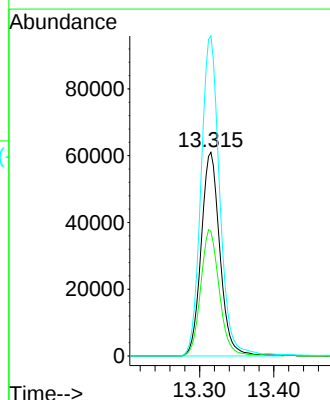
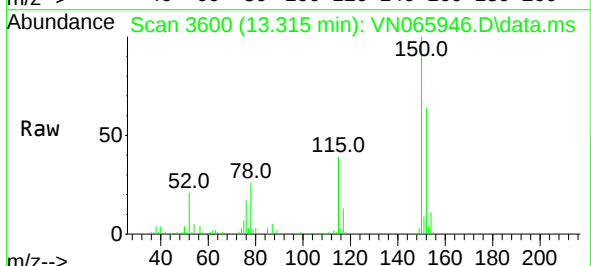
Instrument :
MSVOA_N
ClientSampled :

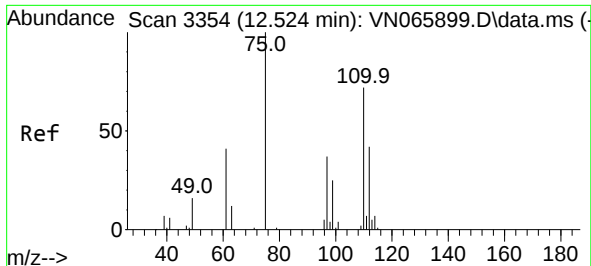
Tgt Ion:117 Resp: 297662
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion:152 Resp: 106678
Ion Ratio Lower Upper
152 100
115 61.6 28.5 85.6
150 156.4 0.0 347.6

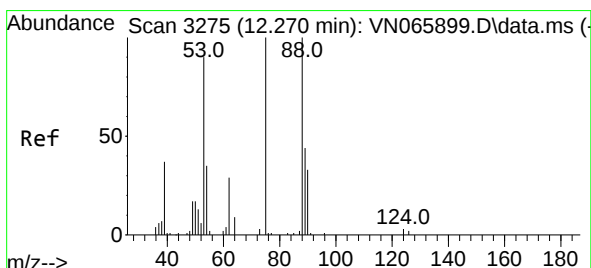
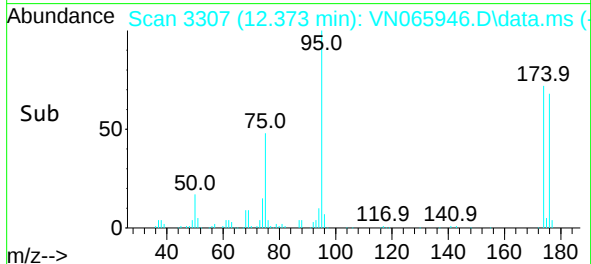
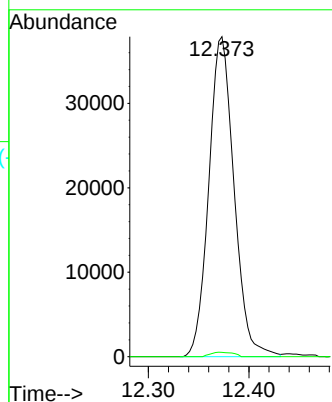
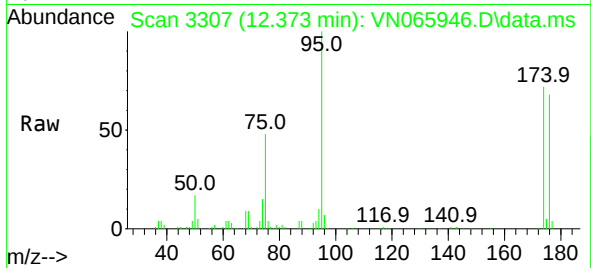




#76
1,2,3-Trichloropropane
Concen: 25.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66124
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.23 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 75 Resp: 66124
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

