

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065937.D
 Acq On : 18 Feb 2021 13:46
 Operator : JC/MD
 Sample : M1448-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 19 00:15:44 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

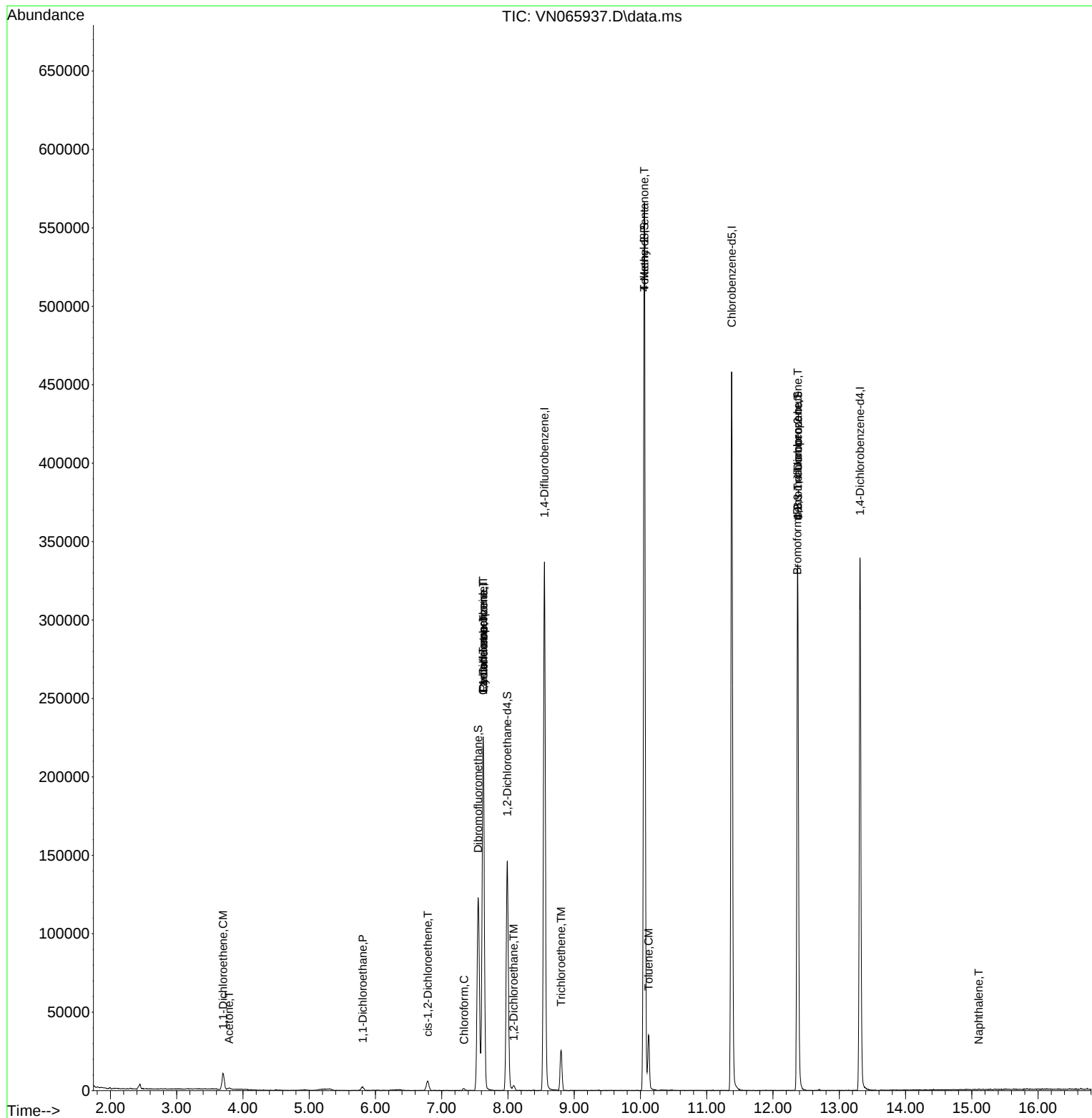
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	181265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	304517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	279131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	129431	51.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.12%	
35) Dibromofluoromethane	7.550	113	98318	52.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.34%	
50) Toluene-d8	10.058	98	405476	52.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.82%	
62) 4-Bromofluorobenzene	12.373	95	135022	46.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.98%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.702	96	5694	2.80	ug/l	99
16) Acetone	3.792	43	1531	0.32	ug/l	92
24) 1,1-Dichloroethane	5.808	63	4430	1.10	ug/l #	82
27) cis-1,2-Dichloroethene	6.791	96	4591	1.88	ug/l	90
30) Chloroform	7.338	83	1667	0.42	ug/l #	77
31) Cyclohexane	7.627	56	3438	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13768	4.59	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18255	6.54	ug/l #	16
42) 1,2-Dichloroethane	8.087	62	2844	0.94	ug/l #	74
44) Trichloroethene	8.804	130	10264	4.50	ug/l	99
51) 4-Methyl-2-Pentanone	10.058	43	1559	0.59	ug/l #	1
52) Toluene	10.122	92	15584	2.75	ug/l	92
71) Bromoform	12.367	173	575	2.86	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	64761	27.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64761	88.62	ug/l #	12
95) Naphthalene	15.106	128	288	3.10	ug/l #	69

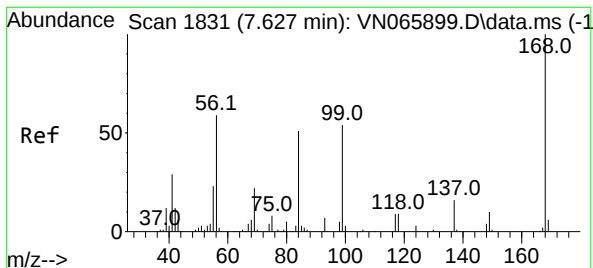
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

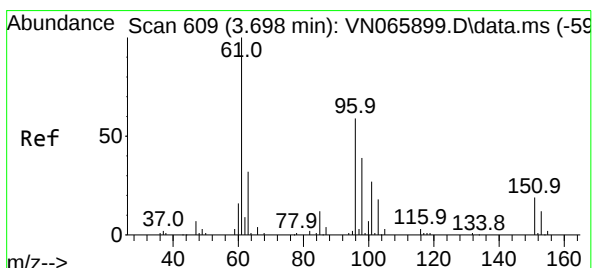
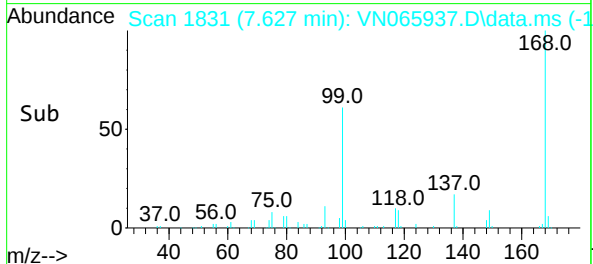
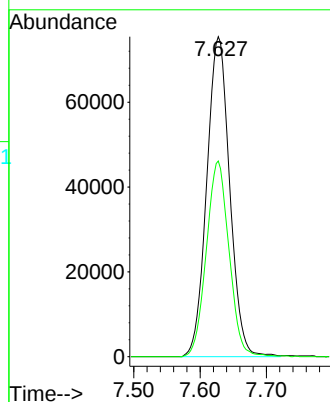
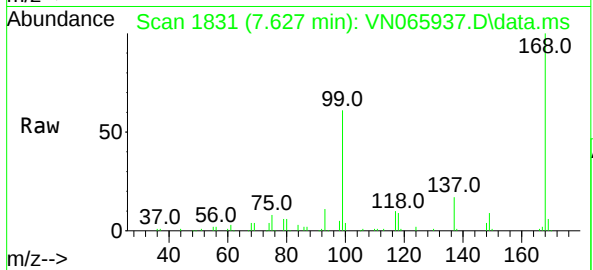




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

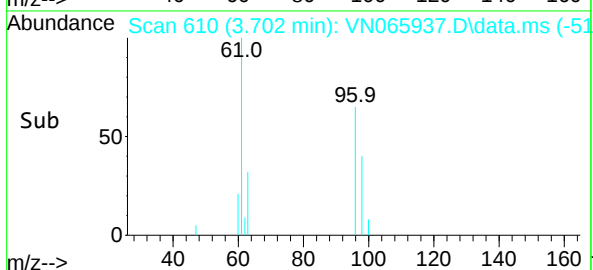
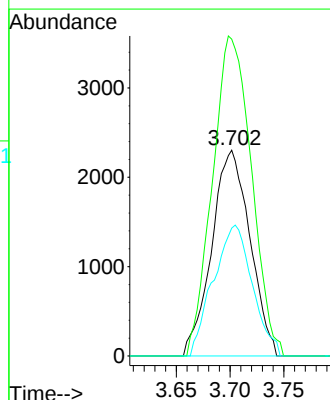
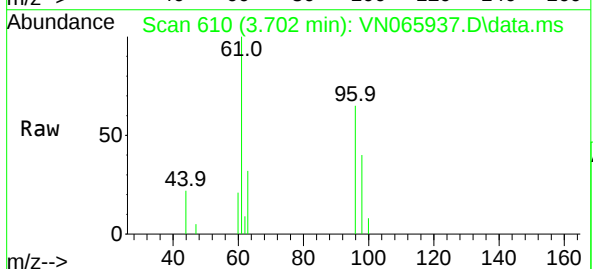
Instrument :
MSVOA_N
ClientSampled :

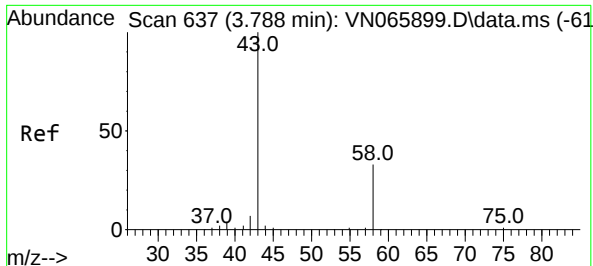
Tgt Ion:168 Resp: 181265
Ion Ratio Lower Upper
168 100
99 61.1 42.6 63.8



#12
1,1-Dichloroethene
Concen: 2.80 ug/l
RT: 3.702 min Scan# 610
Delta R.T. 0.004 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

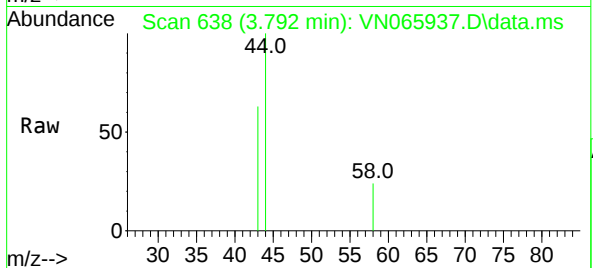
Tgt Ion: 96 Resp: 5694
Ion Ratio Lower Upper
96 100
61 153.9 122.5 183.7
98 62.2 50.8 76.2



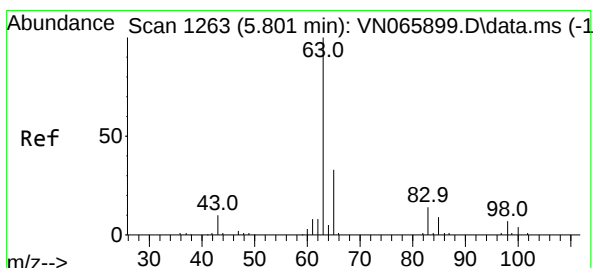
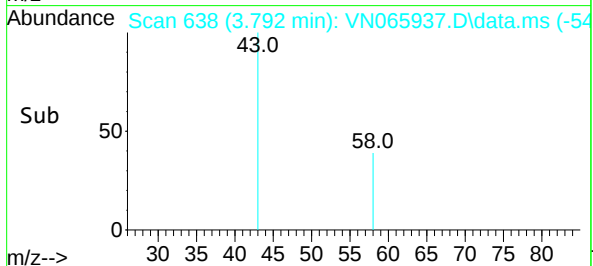
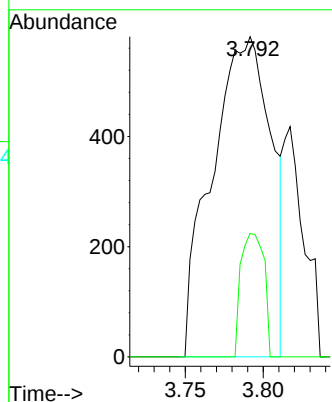


#16
Acetone
Concen: 0.32 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.004 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Instrument :
MSVOA_N
ClientSampled :

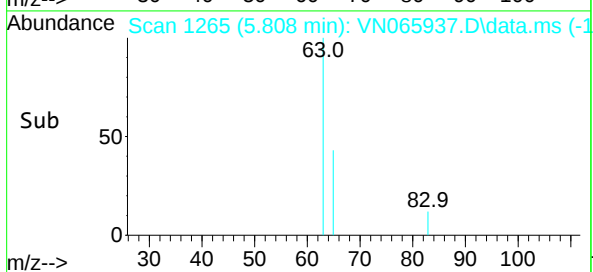
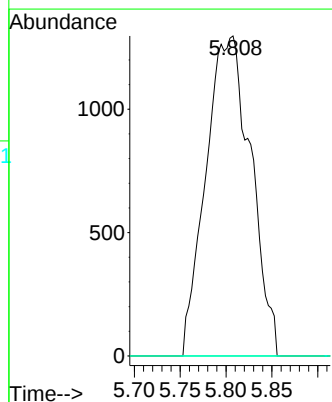
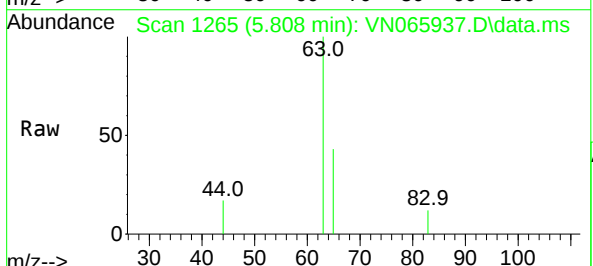


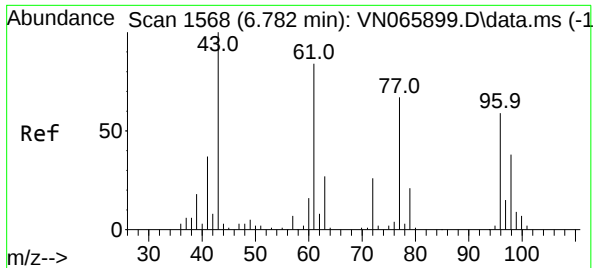
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 38.6 27.0 40.6



#24
1,1-Dichloroethane
Concen: 1.10 ug/l
RT: 5.808 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion: 63 Resp: 4430
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.9#

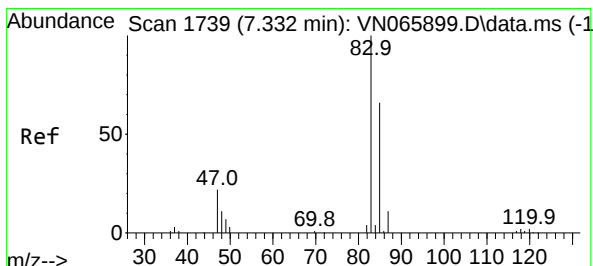
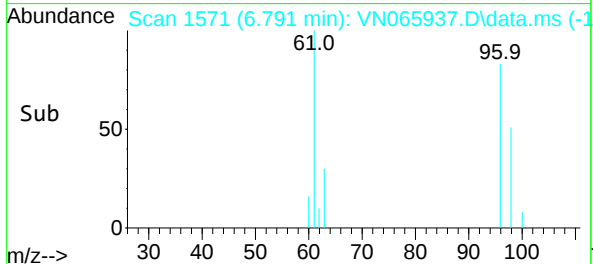
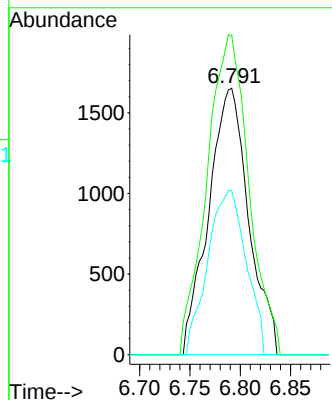
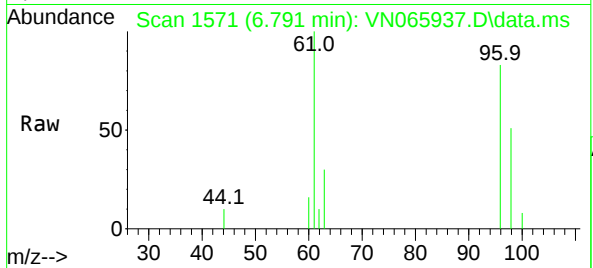




#27
cis-1,2-Dichloroethene
Concen: 1.88 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. 0.009 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

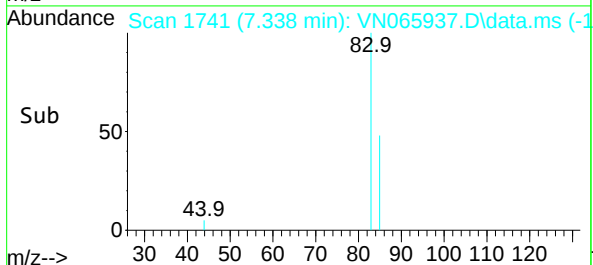
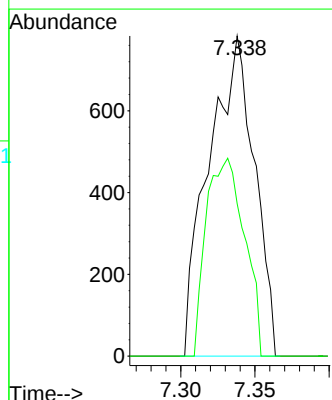
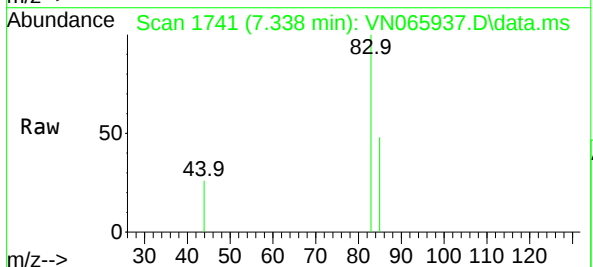
Instrument :
MSVOA_N
ClientSampled :

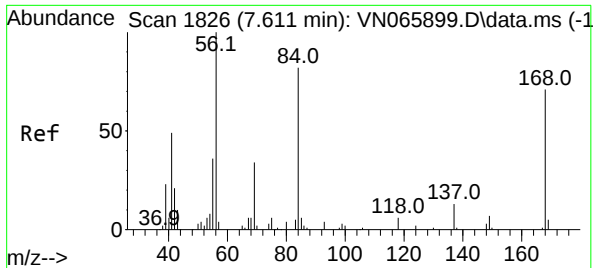
Tgt Ion:	96	Resp:	4591
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	276.8
98	59.0	0.0	129.4



#30
Chloroform
Concen: 0.42 ug/l
RT: 7.338 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion:	83	Resp:	1667
Ion	Ratio	Lower	Upper
83	100		
85	47.6	52.6	78.8#





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN065937.D

Acq: 18 Feb 2021 13:46

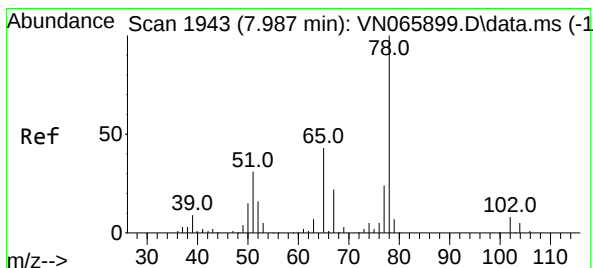
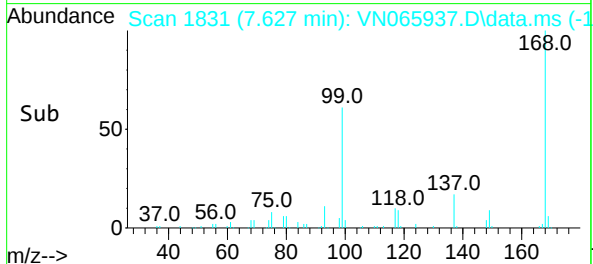
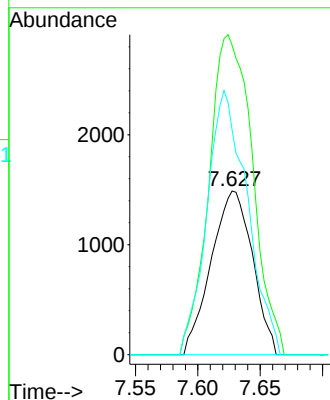
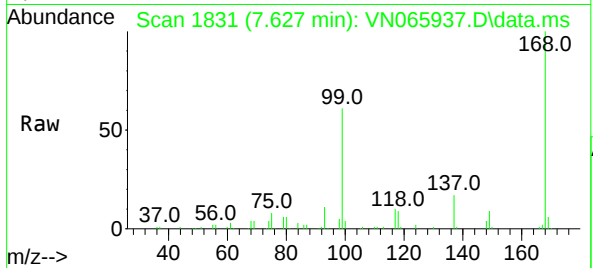
Tgt Ion: 56 Resp: 3438

Ion Ratio Lower Upper

56 100

69 189.2 26.6 39.8#

84 137.6 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 51.06 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN065937.D

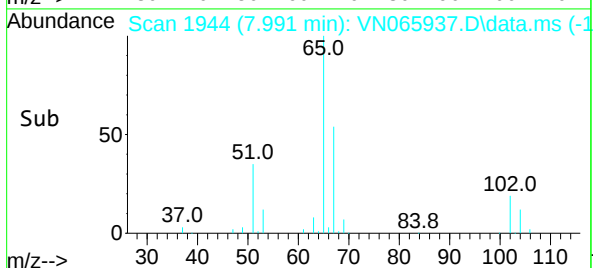
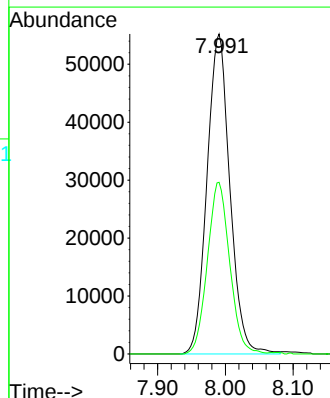
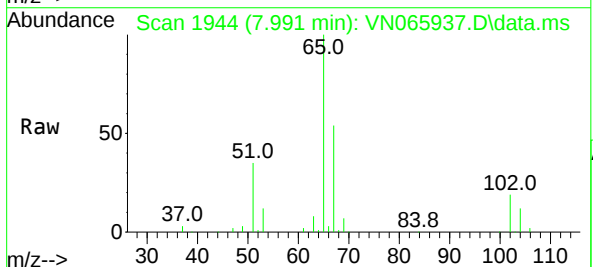
Acq: 18 Feb 2021 13:46

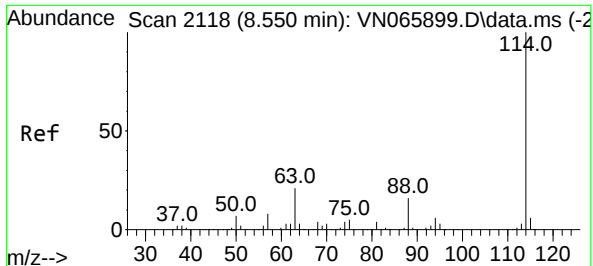
Tgt Ion: 65 Resp: 129431

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2

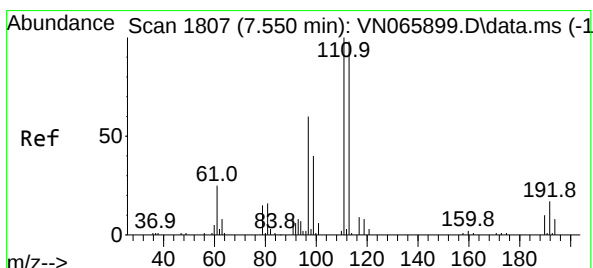
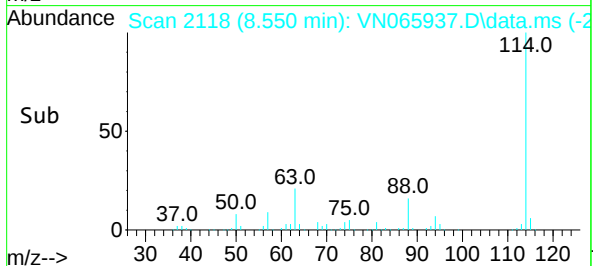
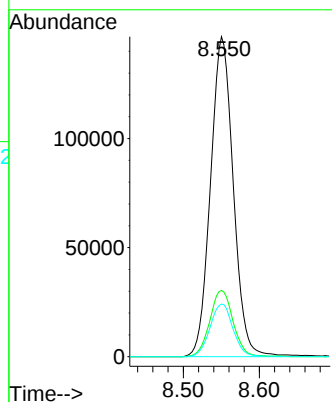
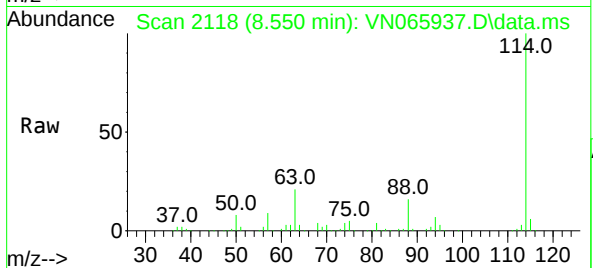




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

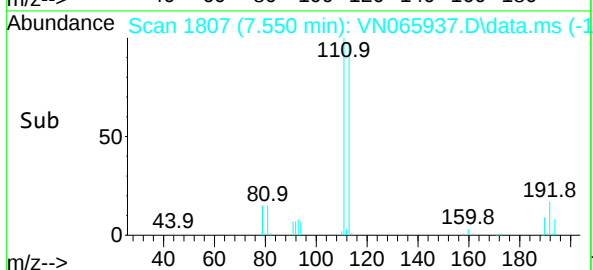
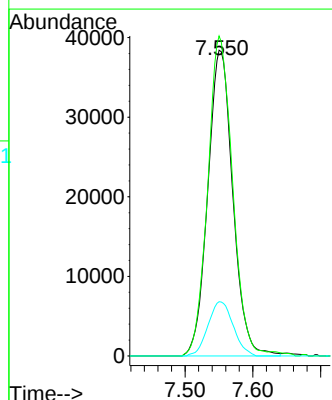
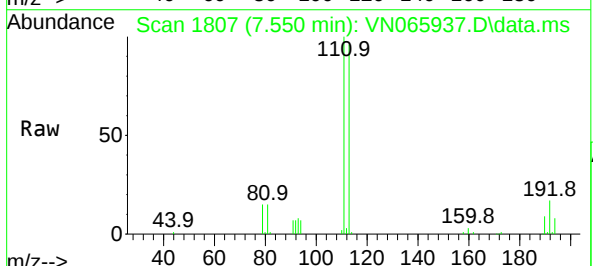
Instrument :
MSVOA_N
ClientSampled :

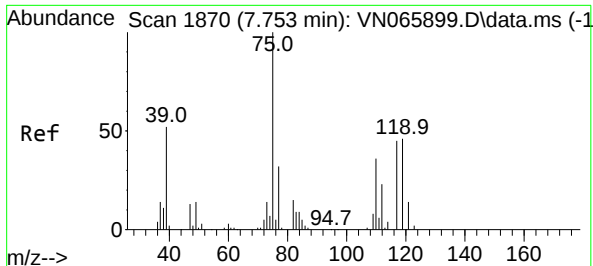
Tgt Ion:114 Resp: 304517
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.17 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion:113 Resp: 98318
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.59 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.129 min

Lab File: VN065937.D

Acq: 18 Feb 2021 13:46

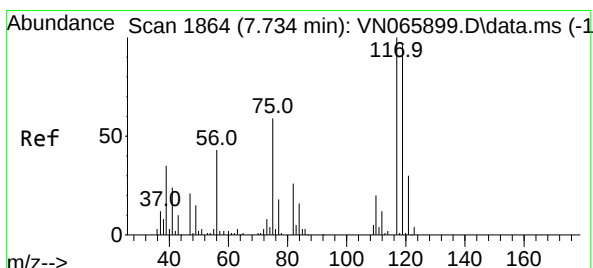
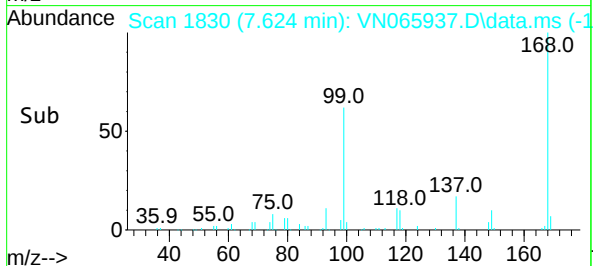
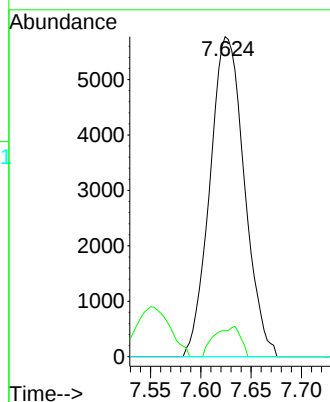
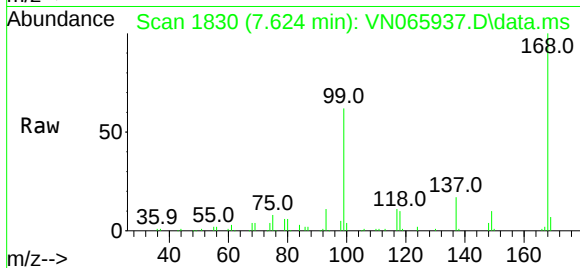
Tgt Ion: 75 Resp: 13768

Ion Ratio Lower Upper

75 100

110 7.1 18.2 54.6#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.54 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.110 min

Lab File: VN065937.D

Acq: 18 Feb 2021 13:46

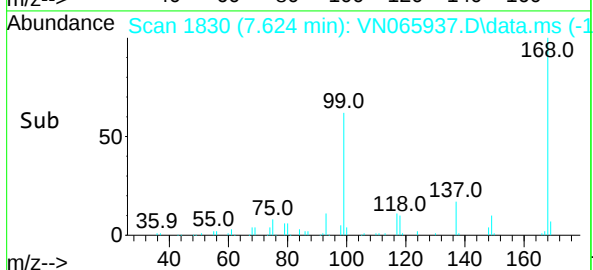
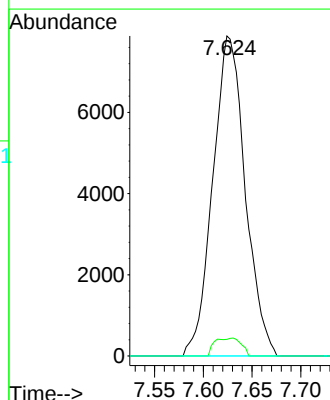
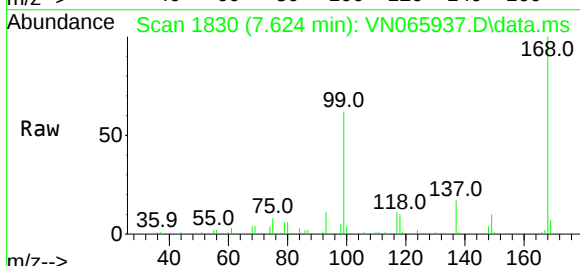
Tgt Ion: 117 Resp: 18255

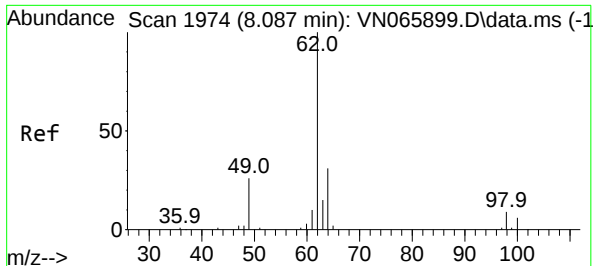
Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

121 0.0 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 0.94 ug/l

RT: 8.087 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VN065937.D

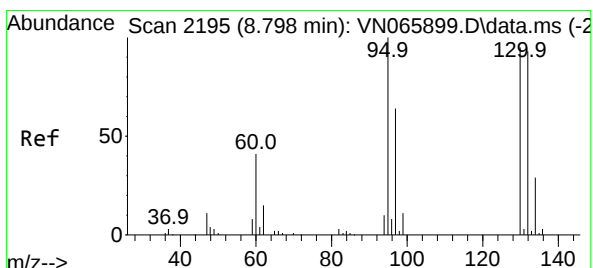
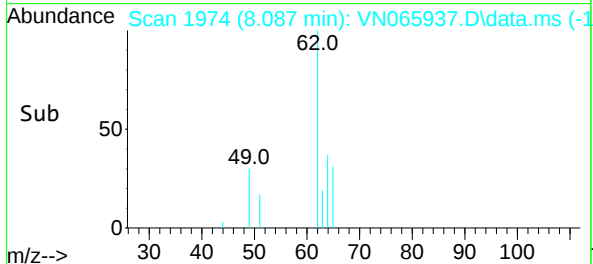
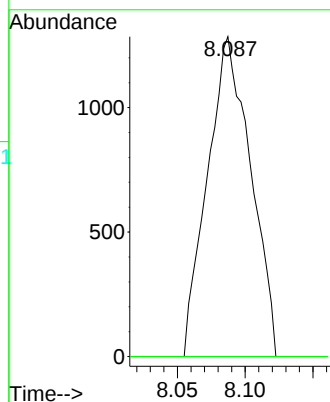
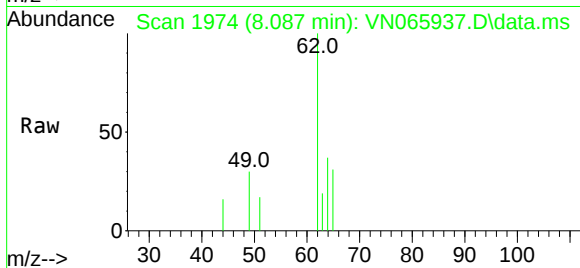
Acq: 18 Feb 2021 13:46

Tgt Ion: 62 Resp: 2844

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6



#44

Trichloroethene

Concen: 4.50 ug/l

RT: 8.804 min Scan# 2197

Delta R.T. 0.006 min

Lab File: VN065937.D

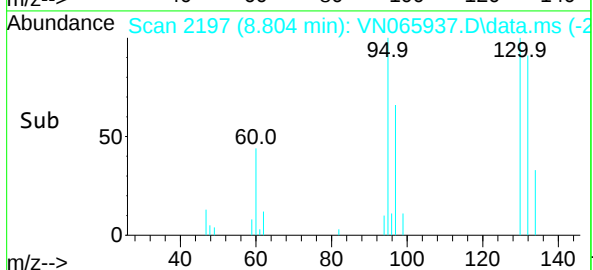
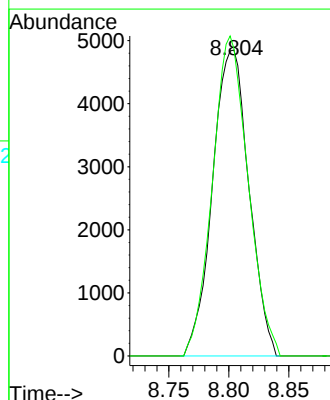
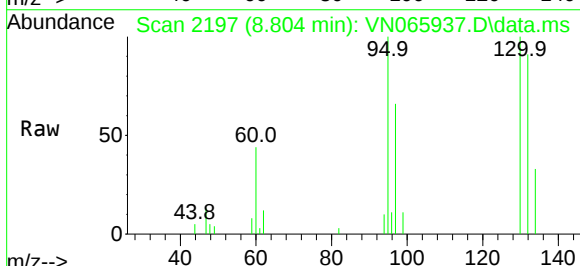
Acq: 18 Feb 2021 13:46

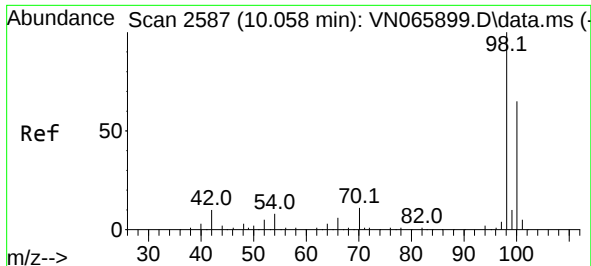
Tgt Ion: 130 Resp: 10264

Ion Ratio Lower Upper

130 100

95 100.4 0.0 199.6

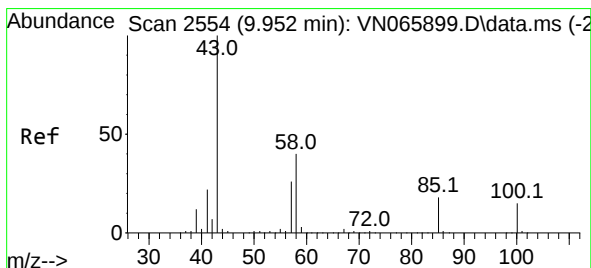
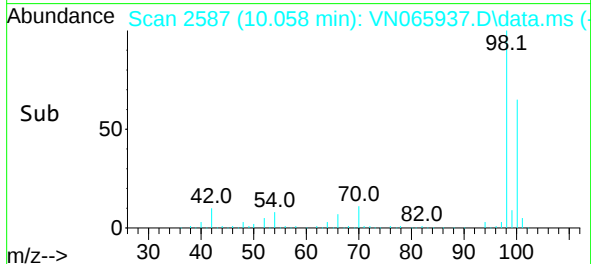
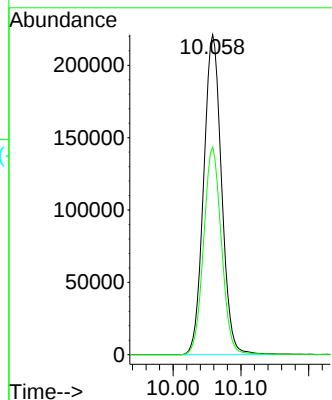
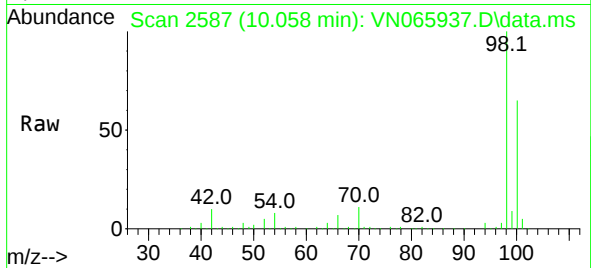




#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

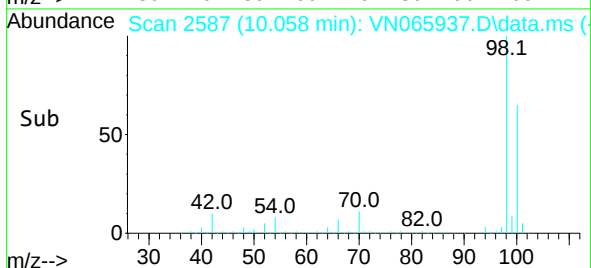
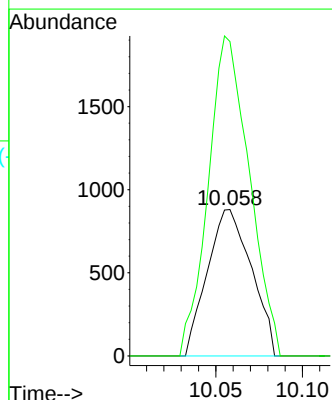
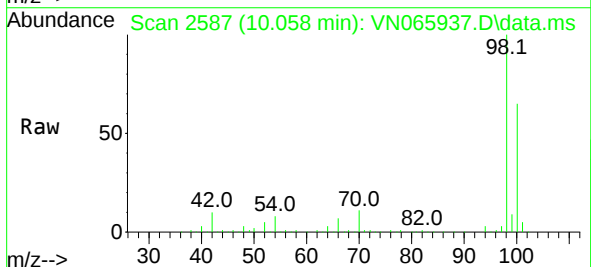
Instrument :
MSVOA_N
ClientSampled :

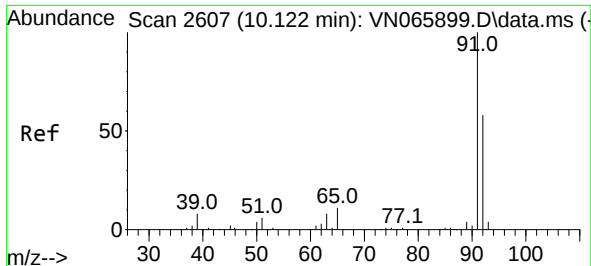
Tgt Ion: 98 Resp: 405476
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 203.8 32.5 48.7#

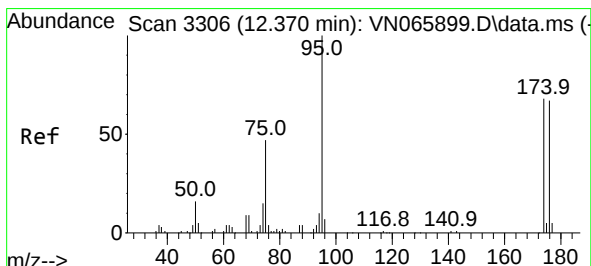
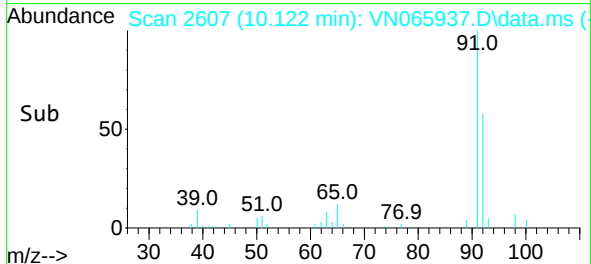
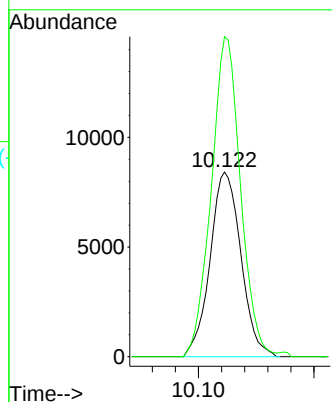
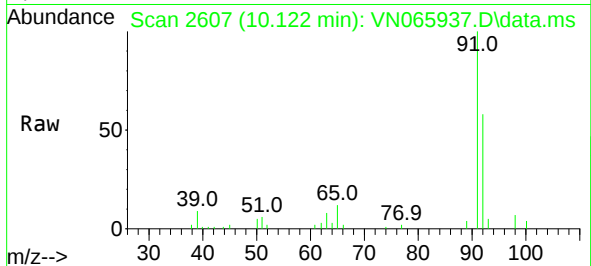




#52
Toluene
Concen: 2.75 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

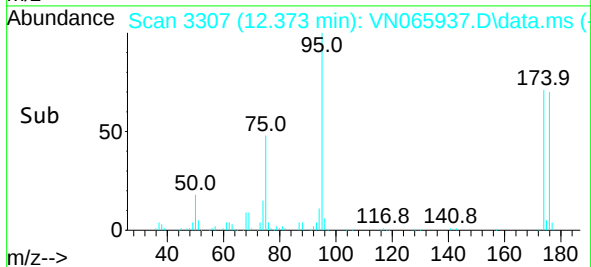
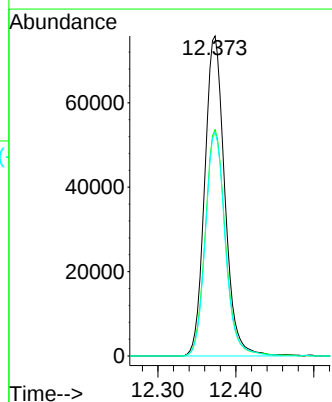
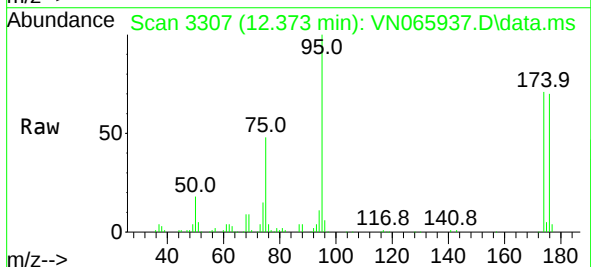
Instrument :
MSVOA_N
ClientSampled :

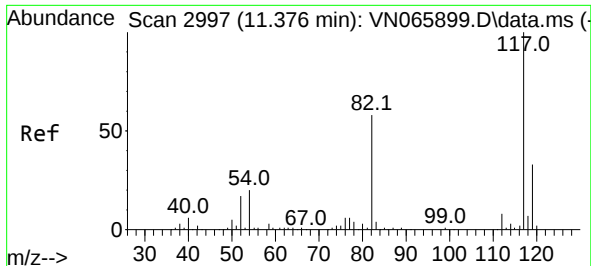
Tgt Ion: 92 Resp: 15584
Ion Ratio Lower Upper
92 100
91 164.7 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion: 95 Resp: 135022
Ion Ratio Lower Upper
95 100
174 71.4 0.0 169.0
176 69.3 0.0 162.4

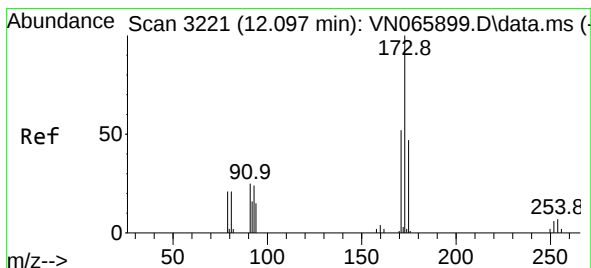
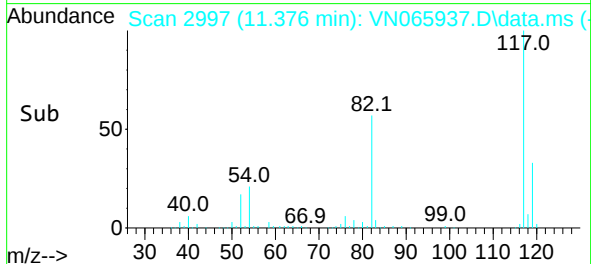
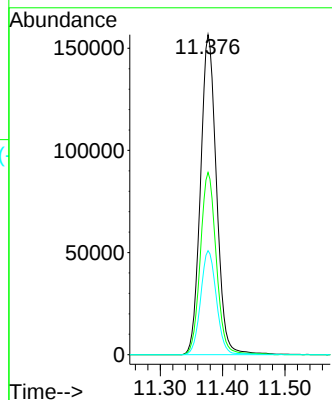
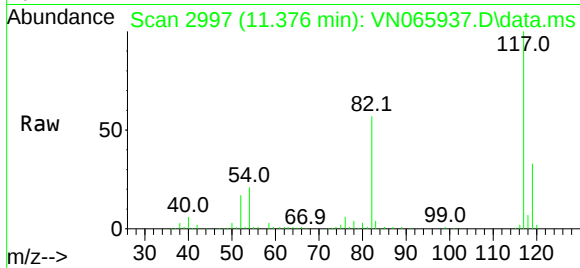




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

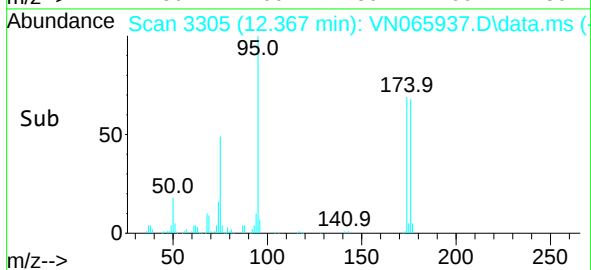
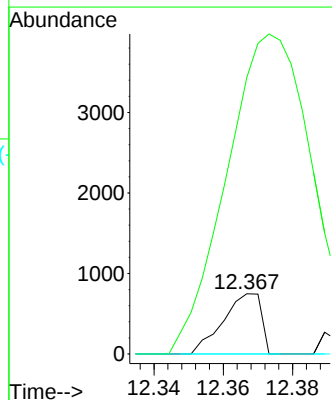
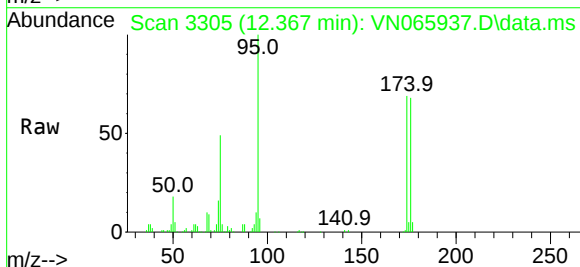
Instrument :
MSVOA_N
ClientSampled :

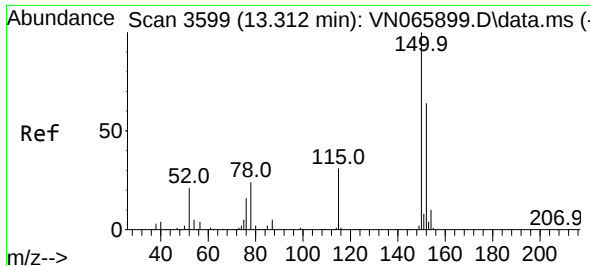
Tgt Ion:117 Resp: 279131
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 2.86 ug/l
RT: 12.367 min Scan# 3305
Delta R.T. 0.270 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion:173 Resp: 575
Ion Ratio Lower Upper
173 100
175 1001.9 23.8 71.2#
254 0.0 0.0 0.0

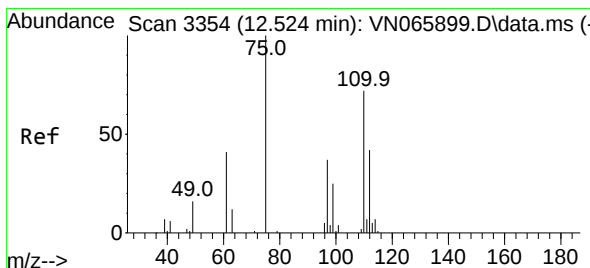
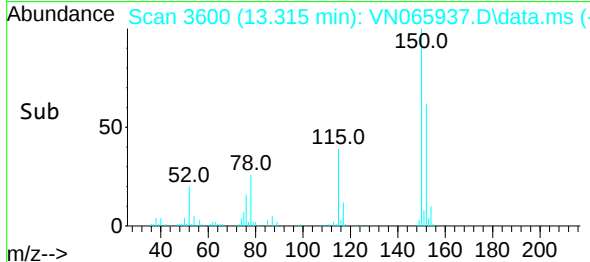
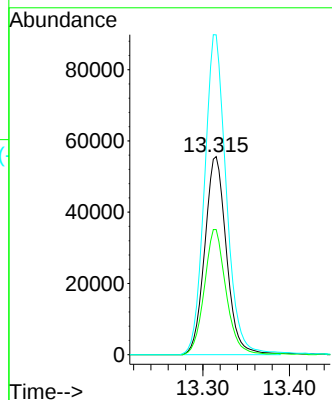
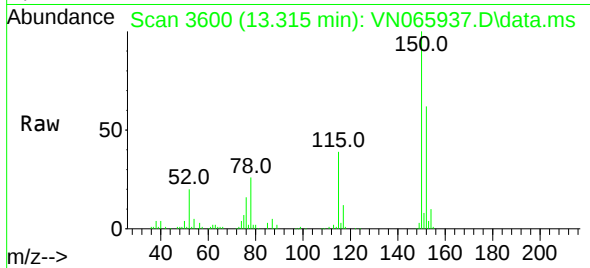




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

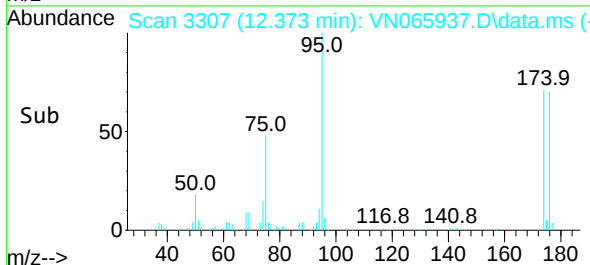
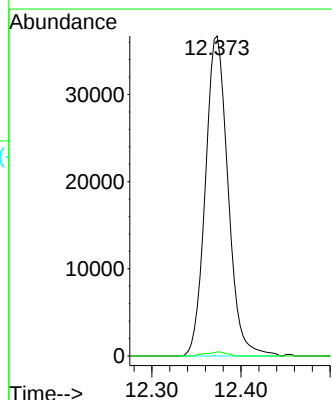
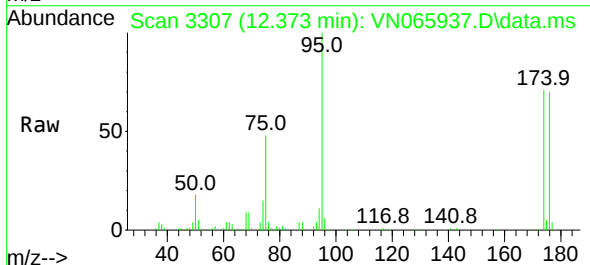
Instrument :
MSVOA_N
ClientSampled :

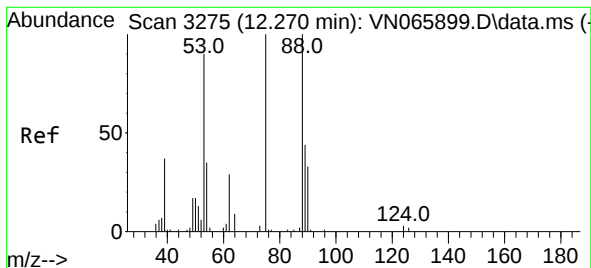
Tgt Ion:152 Resp: 96950
Ion Ratio Lower Upper
152 100
115 62.9 28.5 85.6
150 162.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 27.81 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion: 75 Resp: 64761
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

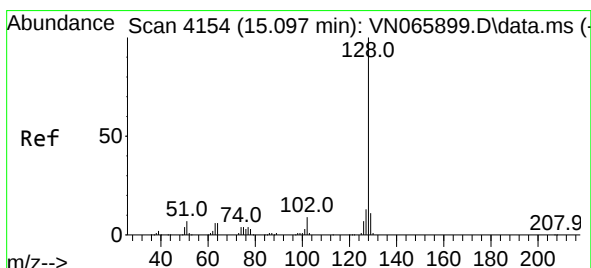
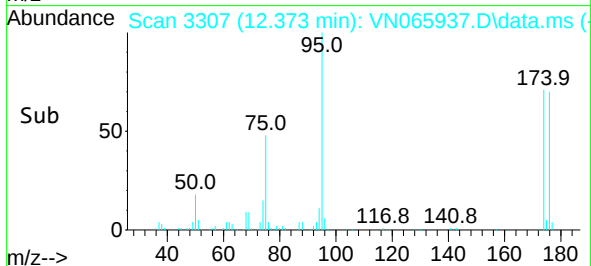
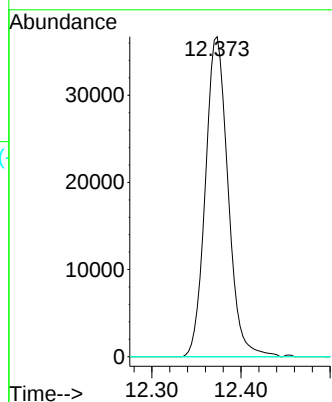
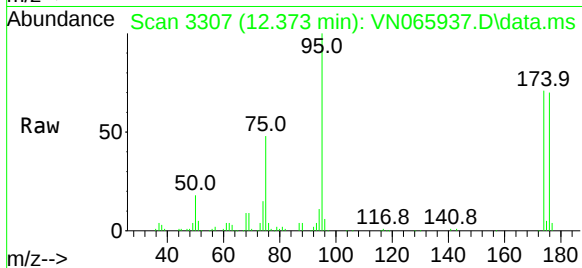




#81
trans-1,4-Dichloro-2-butene
Concen: 88.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 64761
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.10 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN065937.D
Acq: 18 Feb 2021 13:46

Tgt Ion: 128 Resp: 288
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

