

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065977.D
 Acq On : 23 Feb 2021 11:28
 Operator : JC/MD
 Sample : VN0223MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:31:36 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)

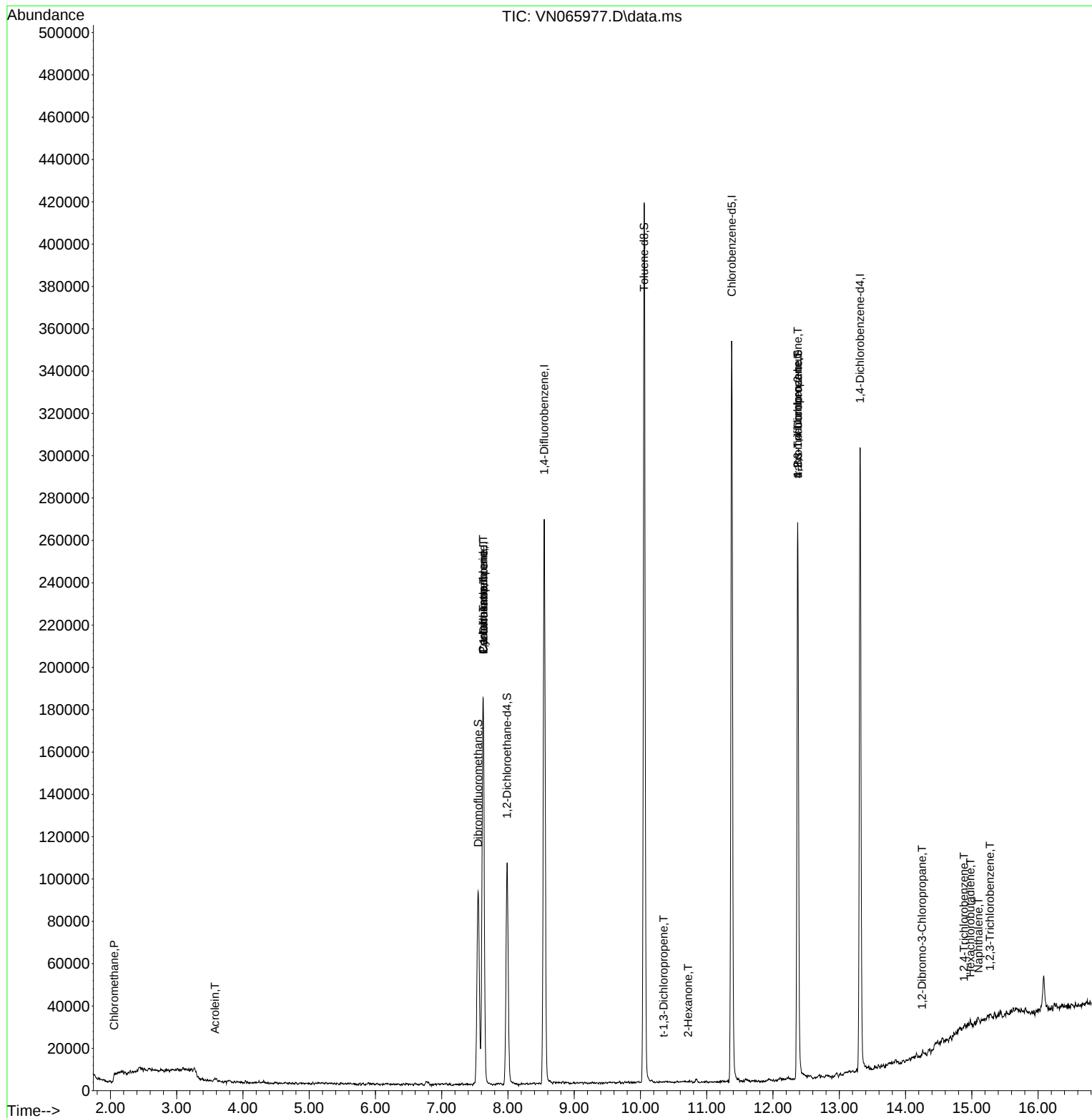
Internal Standards						
1) Pentafluorobenzene	7.627	168	151129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	244755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	219795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	86408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	94874	44.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.78%
35) Dibromofluoromethane	7.550	113	73563	48.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.12%
50) Toluene-d8	10.055	98	302235	48.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.22%
62) 4-Bromofluorobenzene	12.373	95	103848	44.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.98%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	994	0.40	ug/l #	88
13) Acrolein	3.579	56	1718	6.39	ug/l	86
16) Acetone	3.801	43	1002	Below Cal	#	41
31) Cyclohexane	7.627	56	2826	0.90	ug/l #	3
36) 1,1-Dichloropropene	7.627	75	11960	4.96	ug/l #	48
38) Carbon Tetrachloride	7.624	117	15014	6.69	ug/l #	17
53) t-1,3-Dichloropropene	10.348	75	63	2.00	ug/l #	42
59) 2-Hexanone	10.720	43	357	0.24	ug/l #	23
76) 1,2,3-Trichloropropane	12.373	75	52628	25.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	52628	80.80	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.251	75	187	1.30	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.881	180	442	2.74	ug/l #	57
94) Hexachlorobutadiene	14.981	225	135	0.20	ug/l #	17
95) Naphthalene	15.100	128	2270	3.48	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.273	180	296	2.35	ug/l #	38

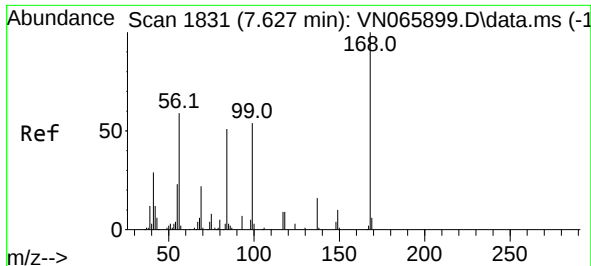
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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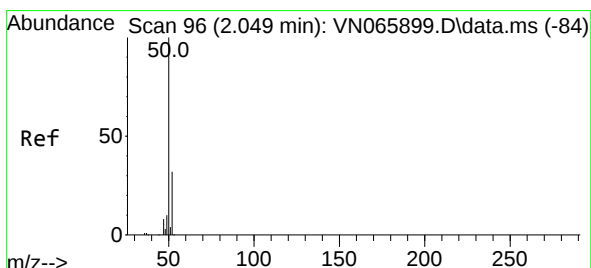
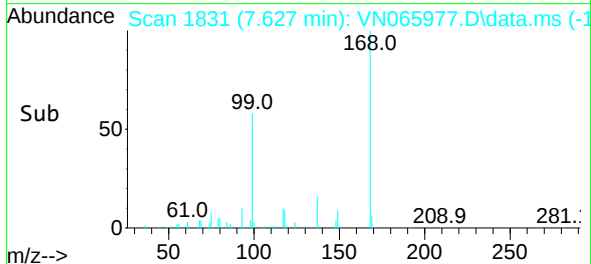
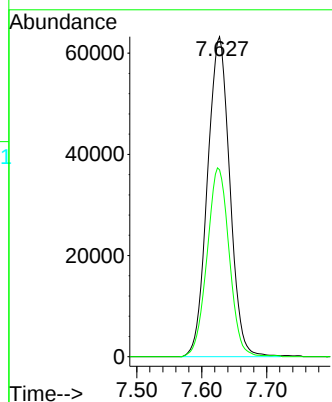
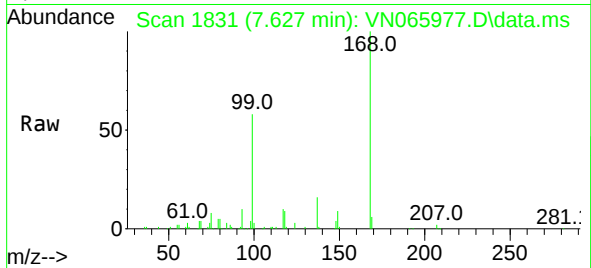




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

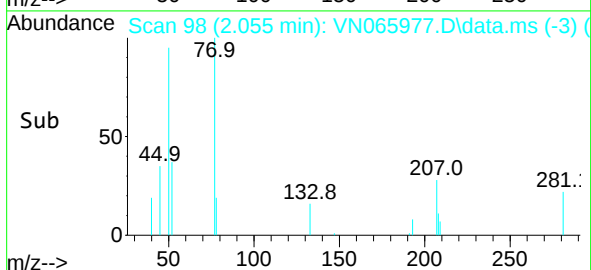
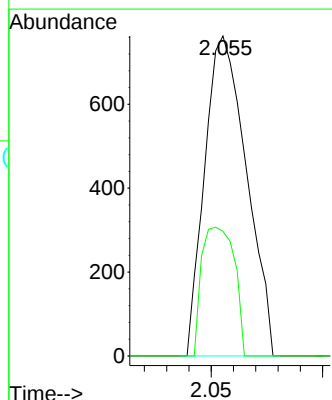
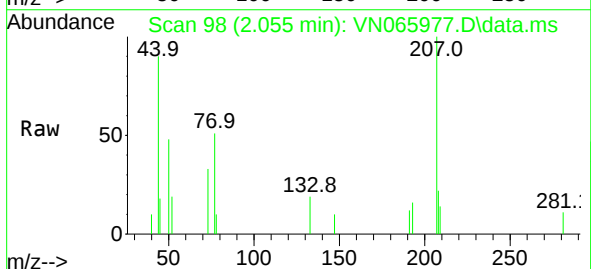
Instrument :
MSVOA_N
ClientSampled :

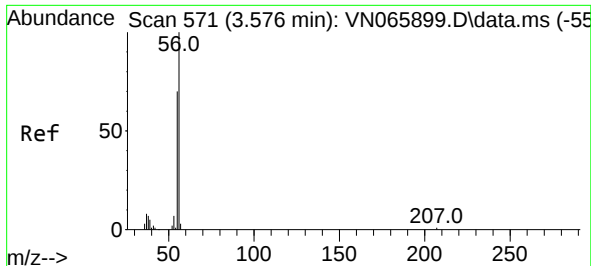
Tgt Ion:168 Resp: 151129
Ion Ratio Lower Upper
168 100
99 58.4 42.6 63.8



#3
Chloromethane
Concen: 0.40 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 50 Resp: 994
Ion Ratio Lower Upper
50 100
52 38.9 25.8 38.8#

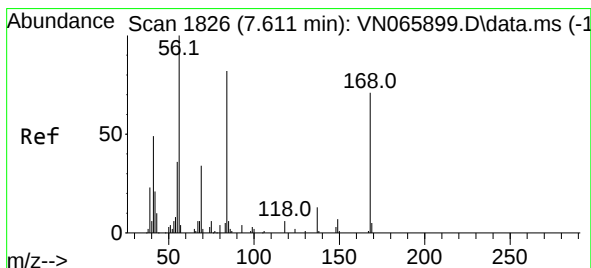
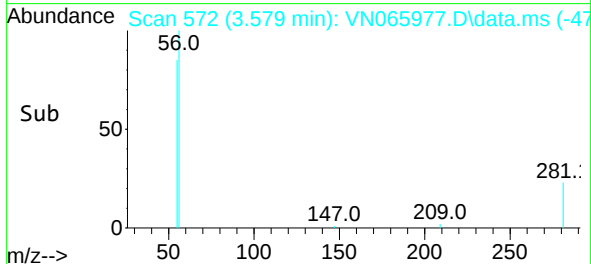
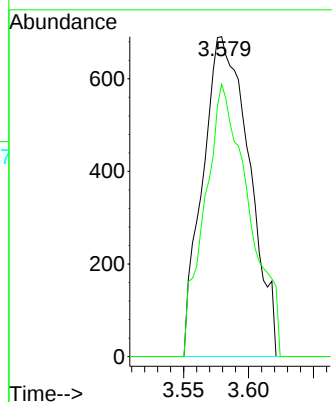
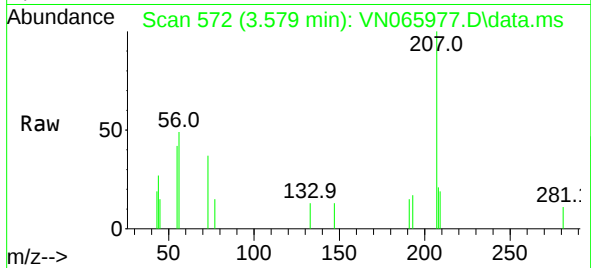




#13
Acrolein
Concen: 6.39 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

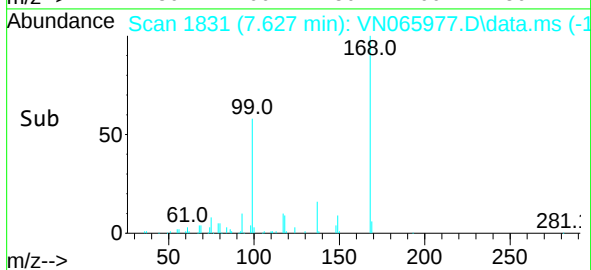
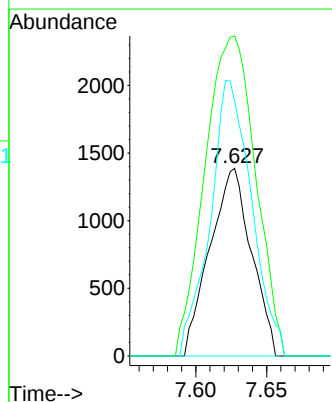
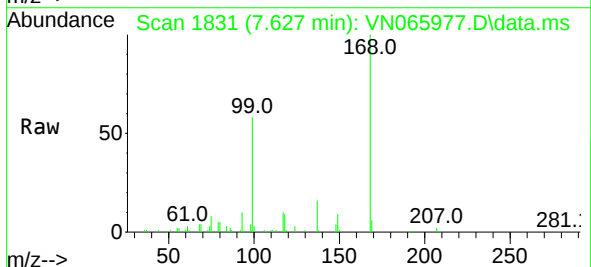
Instrument :
MSVOA_N
ClientSampled :

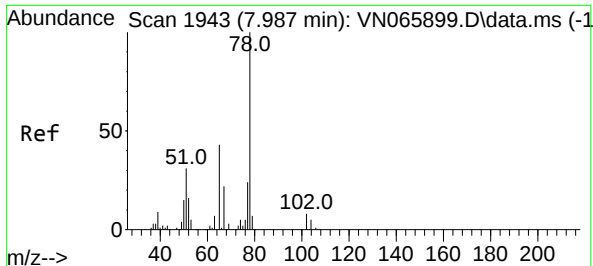
Tgt Ion: 56 Resp: 1718
Ion Ratio Lower Upper
56 100
55 81.7 56.0 84.0



#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 157.6 26.6 39.8#
84 135.8 70.4 105.6#

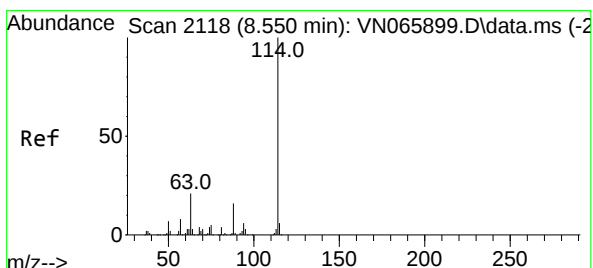
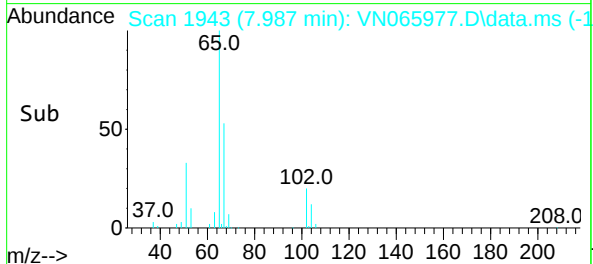
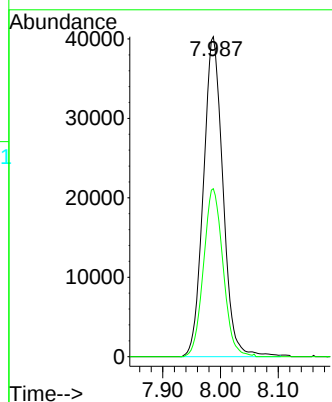
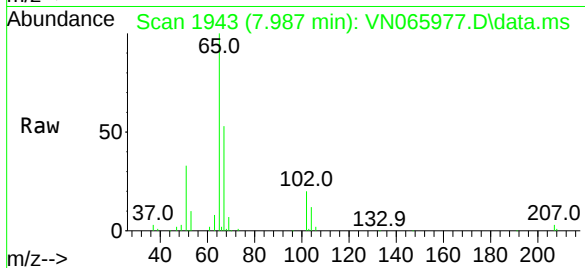




#33
1,2-Dichloroethane-d4
Concen: 44.89 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

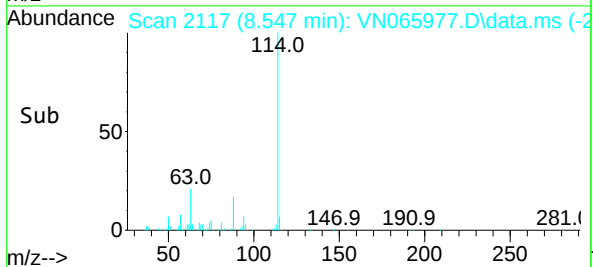
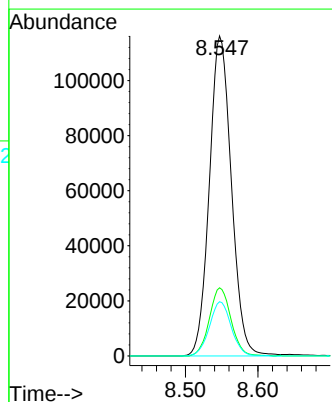
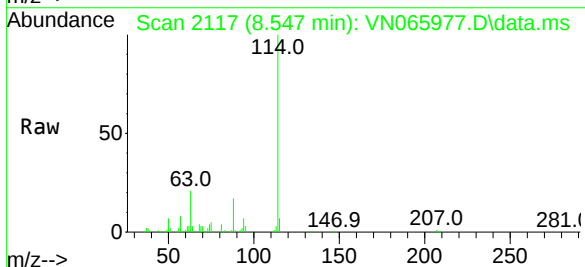
Instrument :
MSVOA_N
ClientSampled :

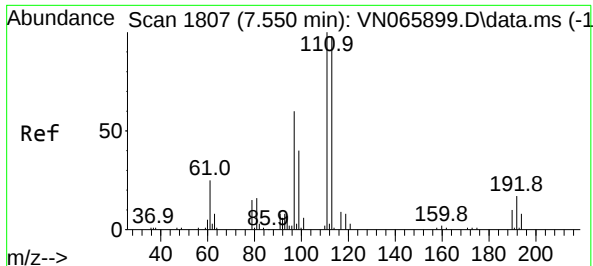
Tgt Ion: 65 Resp: 94874
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 114 Resp: 244755
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 17.0 0.0 30.6

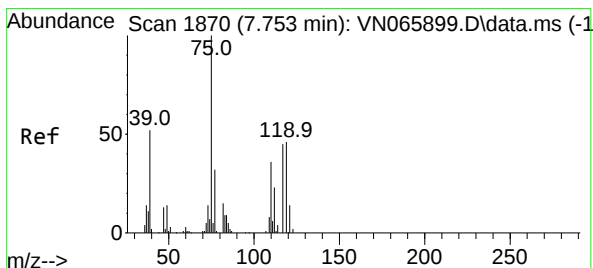
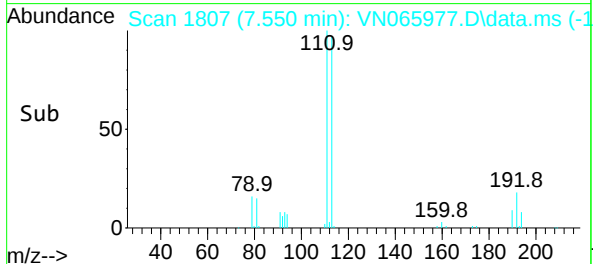
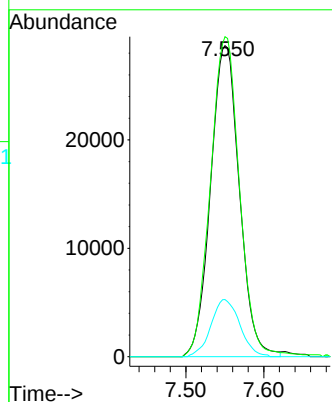
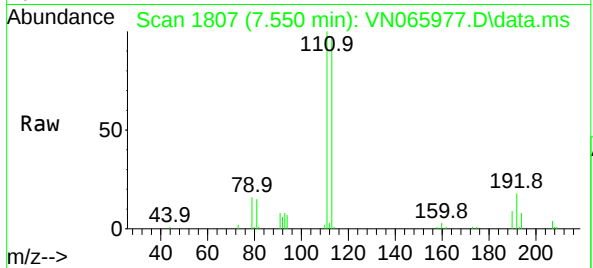




#35
Dibromofluoromethane
Concen: 48.56 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

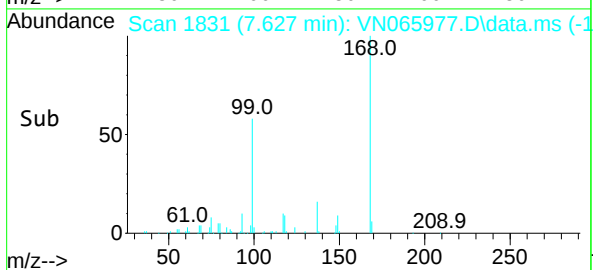
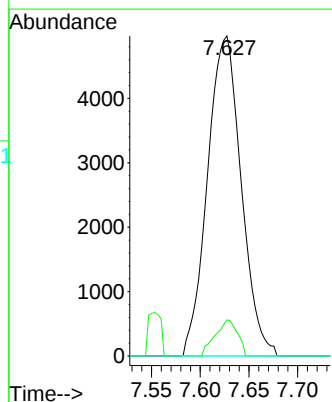
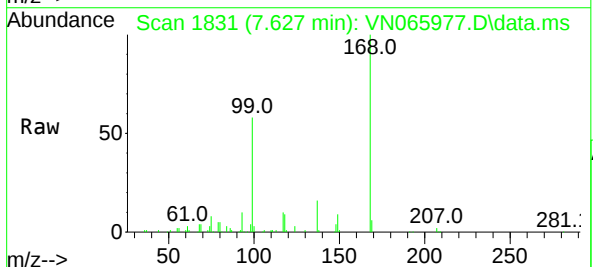
Instrument :
MSVOA_N
ClientSampled :

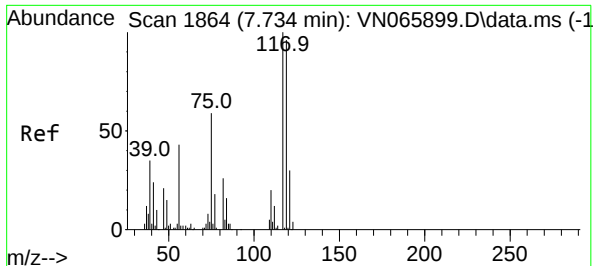
Tgt Ion:113 Resp: 73563
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 75 Resp: 11960
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#

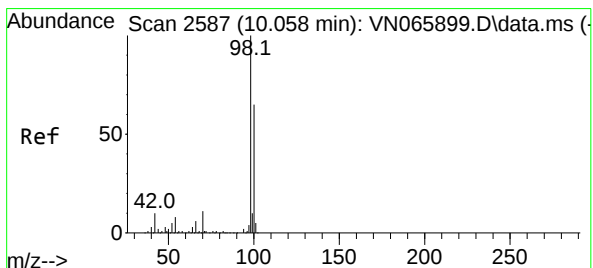
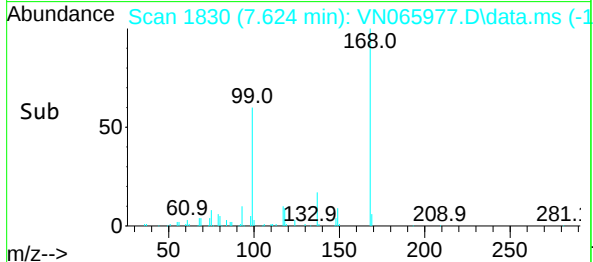
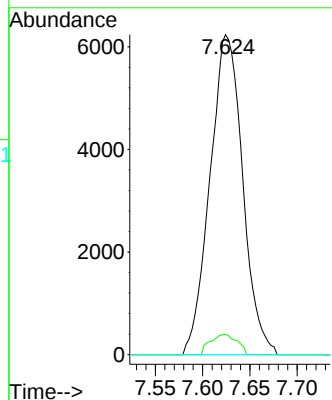
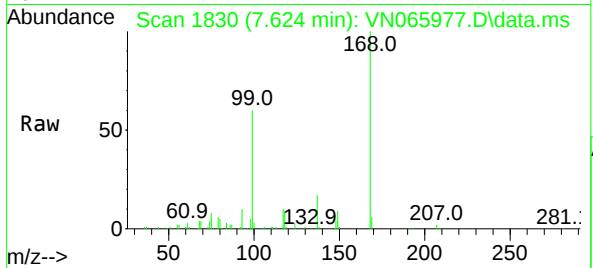




#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

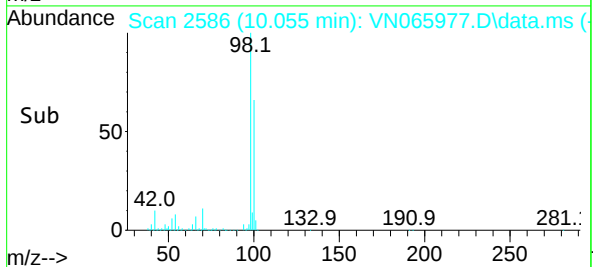
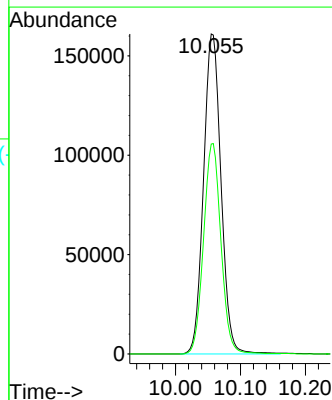
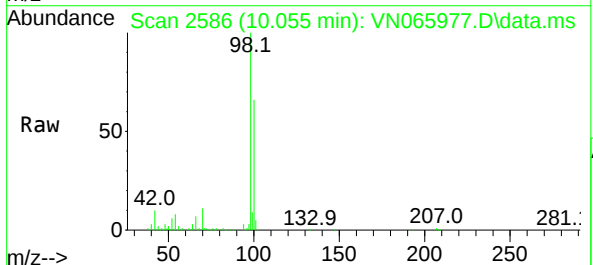
Instrument :
MSVOA_N
ClientSampled :

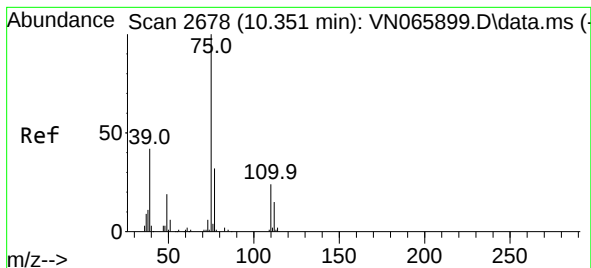
Tgt Ion:117 Resp: 15014
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.61 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 98 Resp: 302235
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7

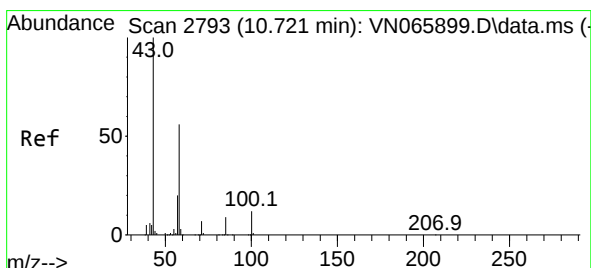
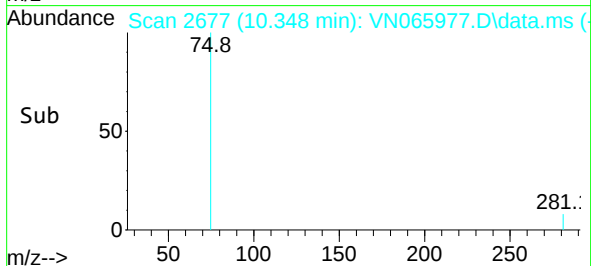
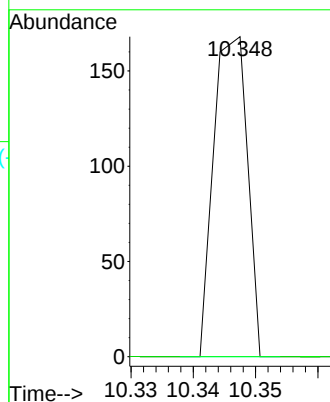
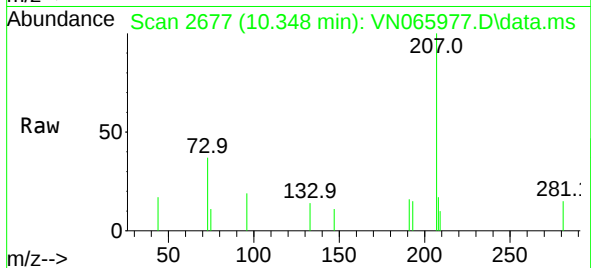




#53
t-1,3-Dichloropropene
Concen: 2.00 ug/l
RT: 10.348 min Scan# 2677
Delta R.T. -0.004 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

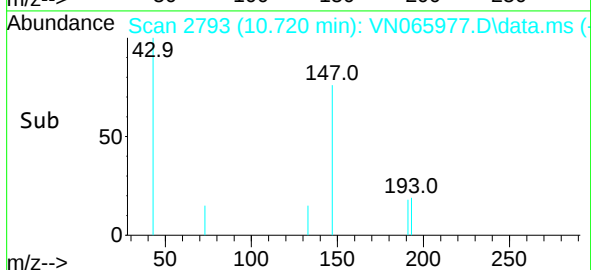
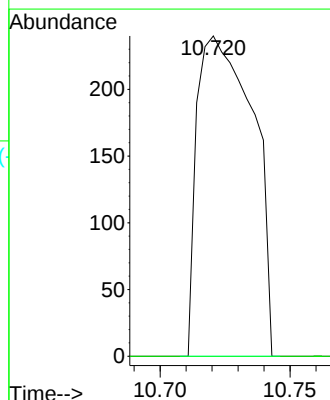
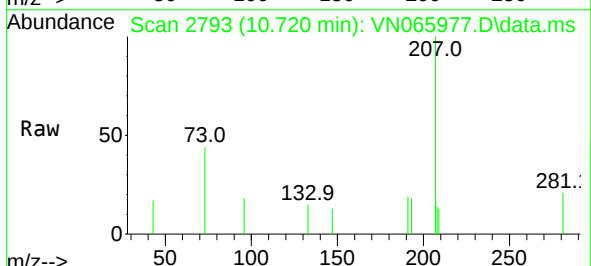
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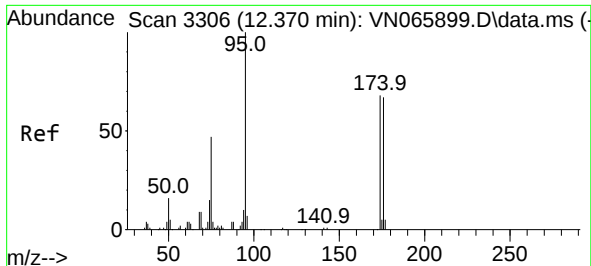
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 0.24 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. -0.001 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

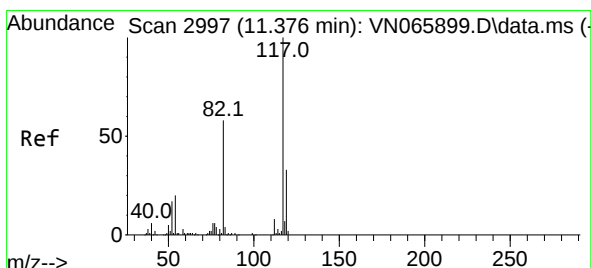
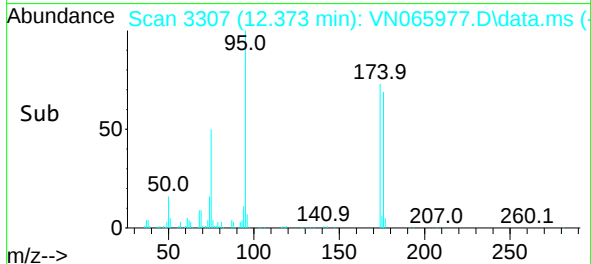
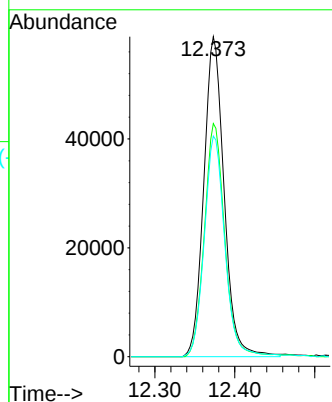
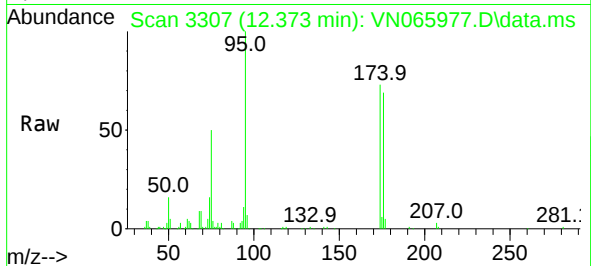




#62
4-Bromofluorobenzene
Concen: 44.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

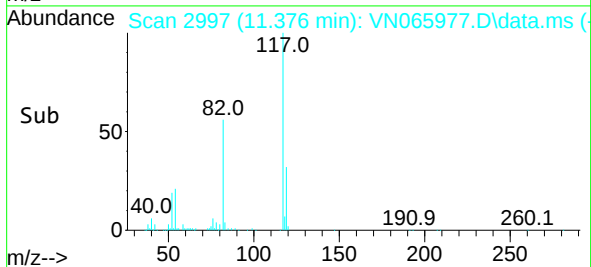
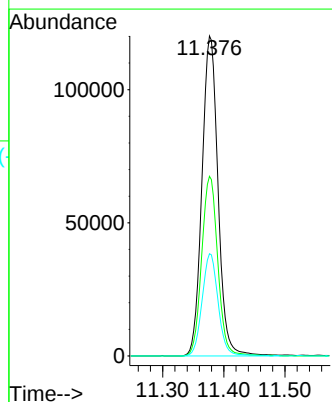
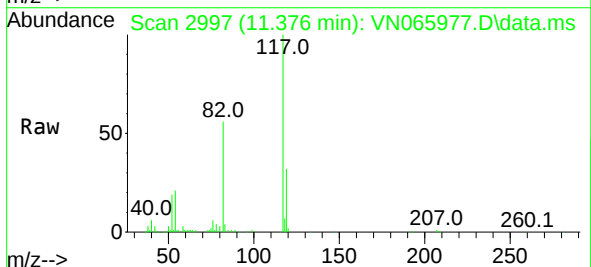
Instrument :
MSVOA_N
ClientSampleId :

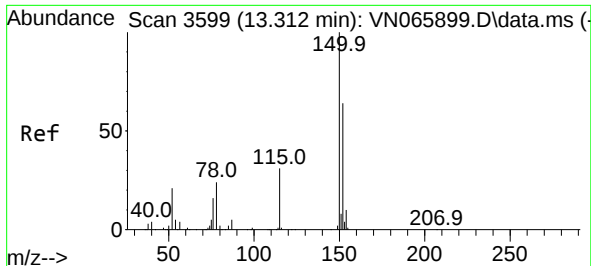
Tgt Ion: 95 Resp: 103848
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 69.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 117 Resp: 219795
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 31.9 26.1 39.1

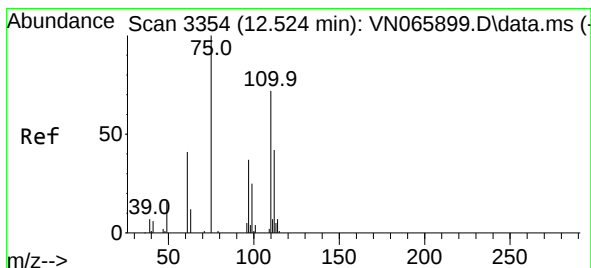
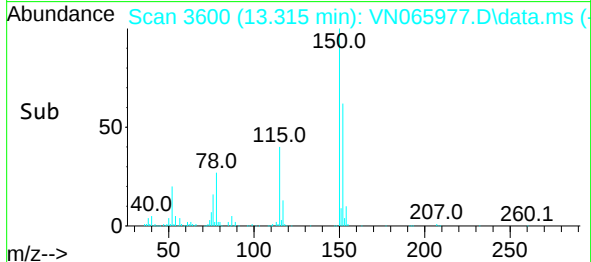
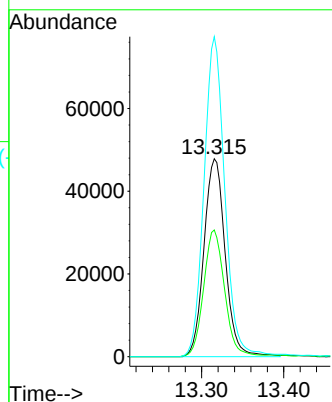
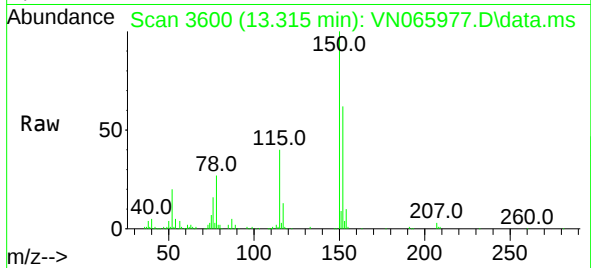




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

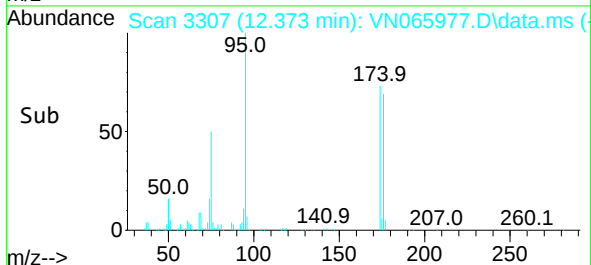
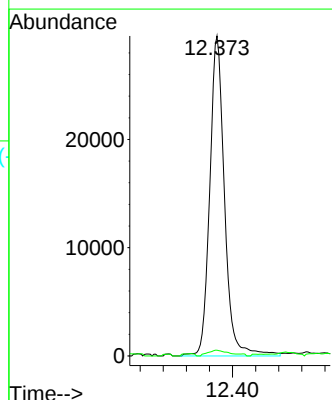
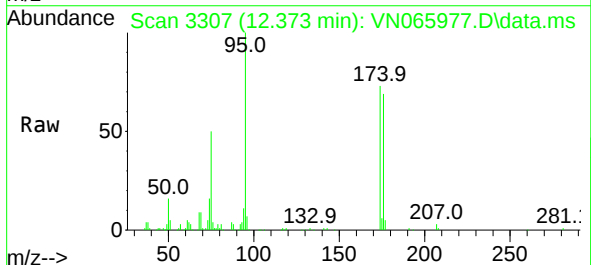
Instrument :
MSVOA_N
ClientSampled :

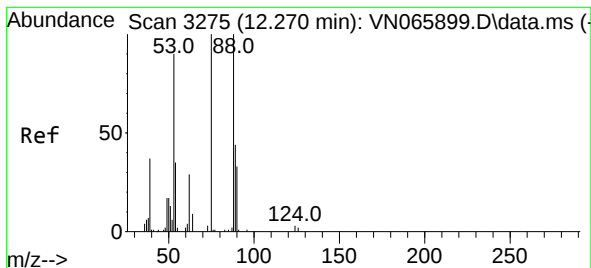
Tgt Ion:152 Resp: 86408
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 75 Resp: 52628
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#

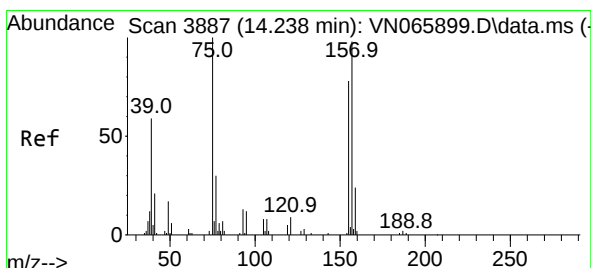
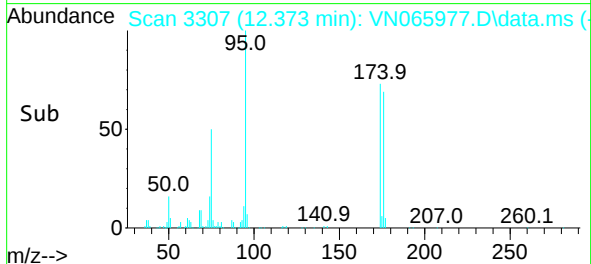
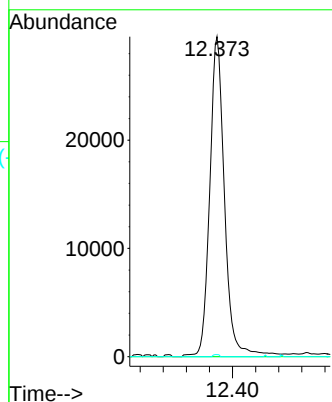
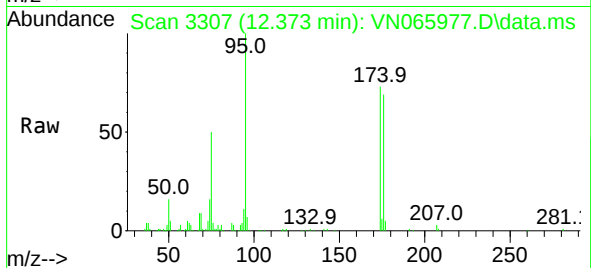




#81
trans-1,4-Dichloro-2-butene
Concen: 80.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

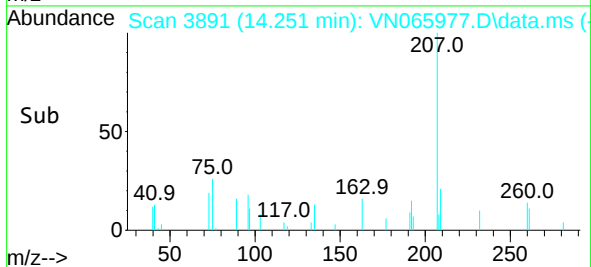
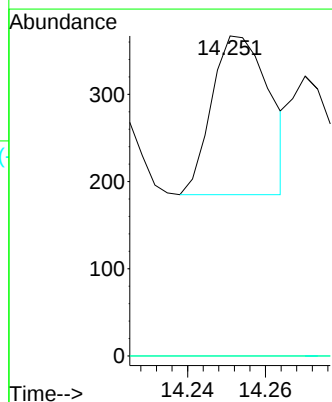
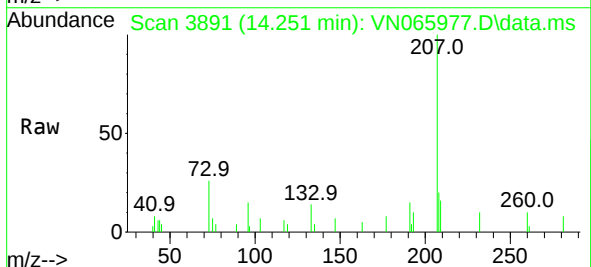
Instrument :
MSVOA_N
ClientSampled :

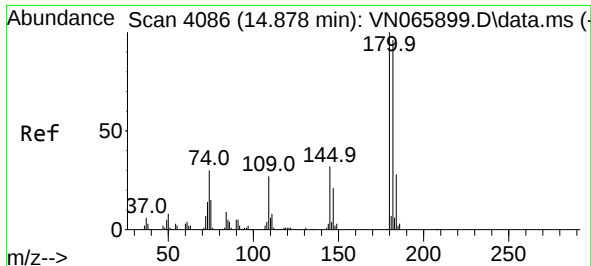
Tgt Ion: 75 Resp: 52628
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.30 ug/l
RT: 14.251 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

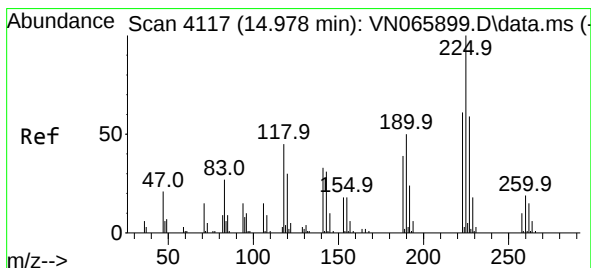
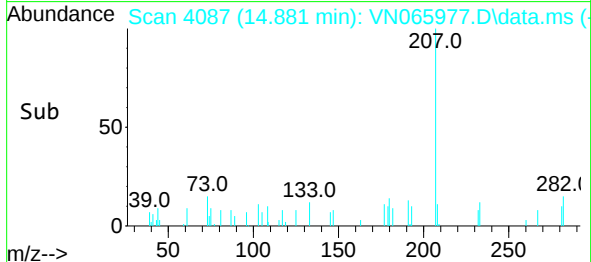
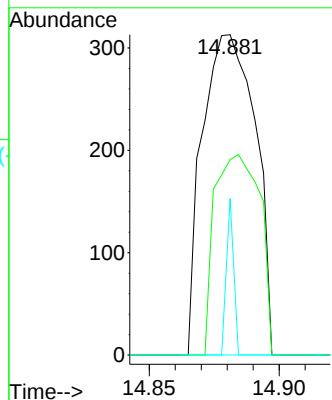
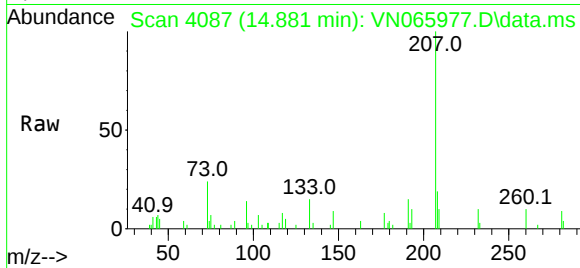




#93
1,2,4-Trichlorobenzene
Concen: 2.74 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

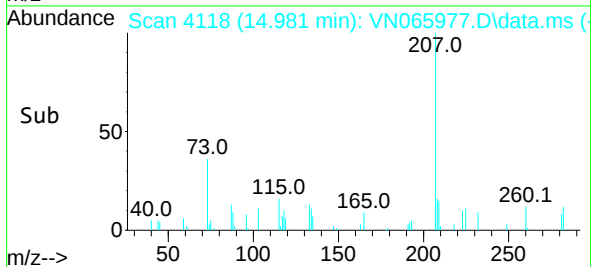
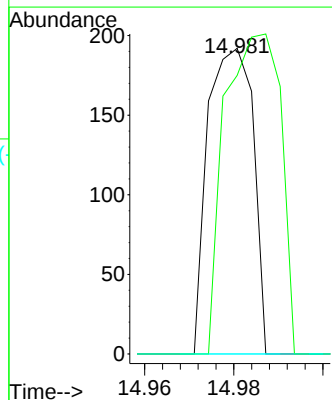
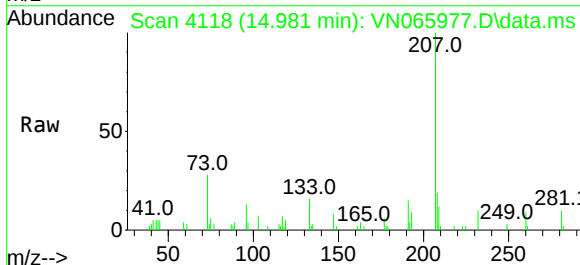
Instrument :
MSVOA_N
ClientSampled :

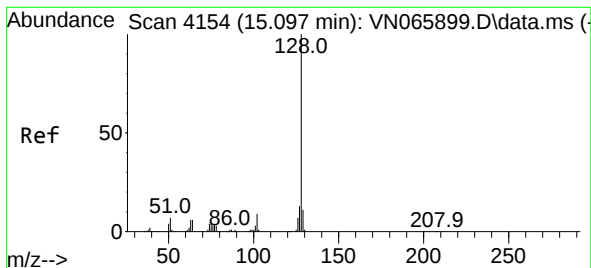
Tgt Ion:180 Resp: 442
Ion Ratio Lower Upper
180 100
182 53.4 47.3 142.0
145 6.8 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion:225 Resp: 135
Ion Ratio Lower Upper
225 100
223 129.6 31.9 95.9#
227 0.0 31.6 95.0#

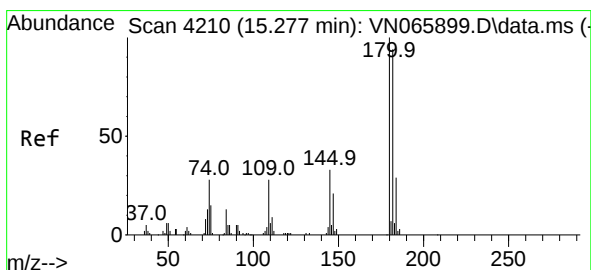
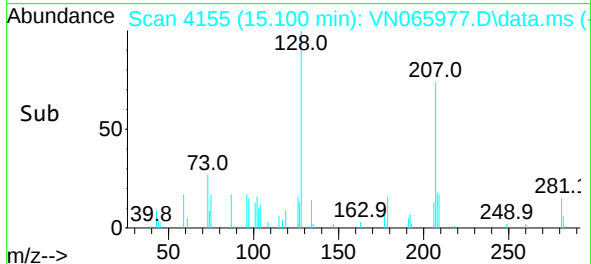
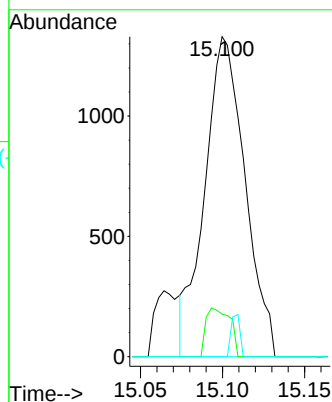
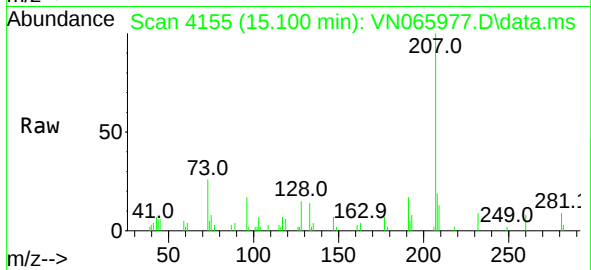




#95
Naphthalene
Concen: 3.48 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2270
Ion Ratio Lower Upper
128 100
127 9.0 10.2 15.2#
129 2.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.35 ug/l
RT: 15.273 min Scan# 4209
Delta R.T. -0.004 min
Lab File: VN065977.D
Acq: 23 Feb 2021 11:28

Tgt Ion:180 Resp: 296
Ion Ratio Lower Upper
180 100
182 143.9 47.4 142.3#
145 86.8 16.5 49.5#

