

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065646.D
 Acq On : 28 Jan 2021 13:49
 Operator : JC/MD
 Sample : PB134373TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373TB

Quant Time: Jan 29 01:22:21 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)

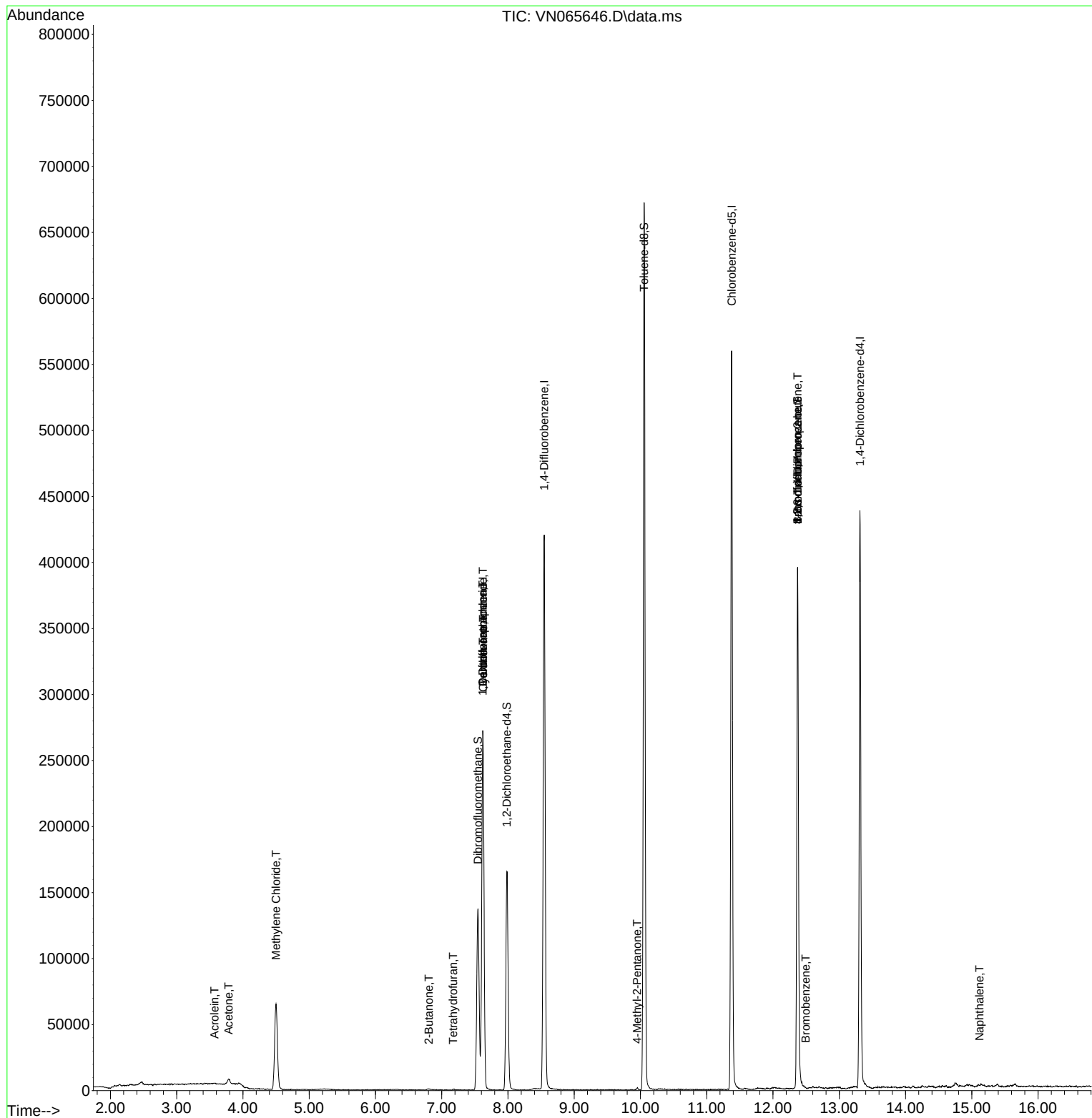
Internal Standards						
1) Pentafluorobenzene	7.621	168	222392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	387489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	337349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	122828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	139474	47.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.34%		
35) Dibromofluoromethane	7.547	113	111018	48.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.70%		
50) Toluene-d8	10.055	98	480020	53.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.36%		
62) 4-Bromofluorobenzene	12.370	95	162103	49.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.74%		
Target Compounds						Qvalue
13) Acrolein	3.570	56	252	18.58	ug/l #	50
16) Acetone	3.782	43	6538	5.74	ug/l	92
20) Methylene Chloride	4.499	84	47896	15.19	ug/l	96
25) 2-Butanone	6.804	43	1245	0.70	ug/l #	46
29) Tetrahydrofuran	7.174	42	479	0.37	ug/l #	32
31) Cyclohexane	7.624	56	4496	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	17985	4.61	ug/l #	47
38) Carbon Tetrachloride	7.621	117	21338	6.65	ug/l #	16
51) 4-Methyl-2-Pentanone	9.949	43	1661	0.45	ug/l #	75
71) Bromoform	12.370	173	979	0.57	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	75238	23.43	ug/l #	100
77) Bromobenzene	12.492	156	548	0.24	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.370	75	75238	60.00	ug/l #	12
95) Naphthalene	15.116	128	565	3.52	ug/l #	73

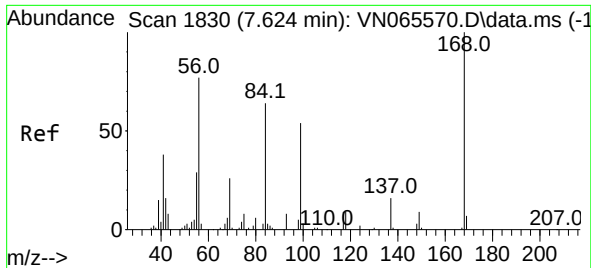
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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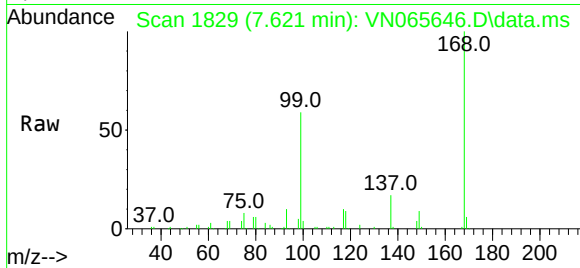
Quant Time: Jan 29 01:22:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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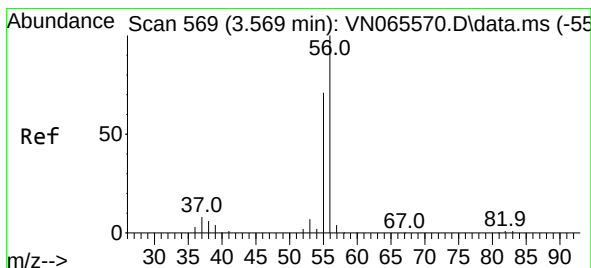
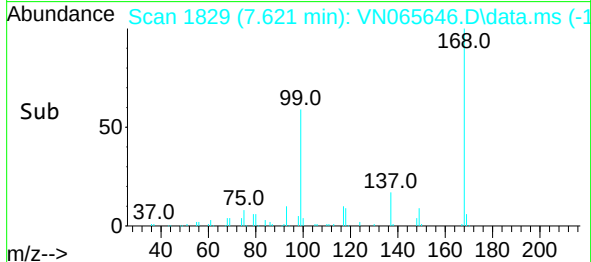
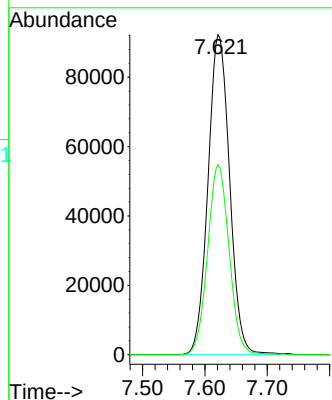


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB134373TB

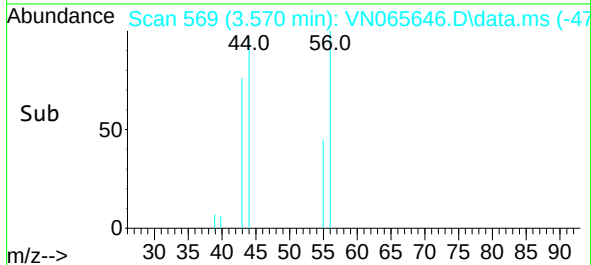
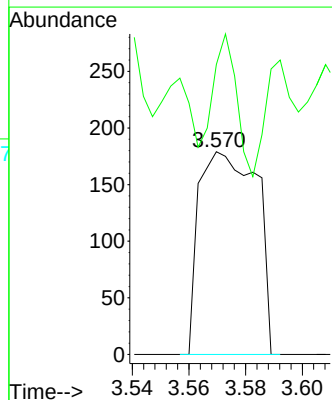
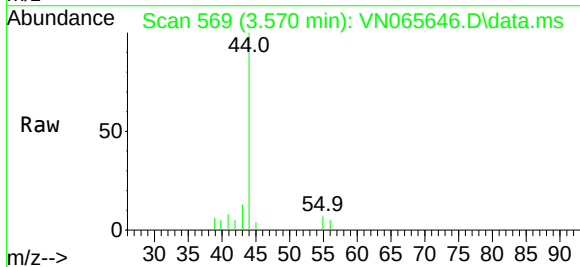


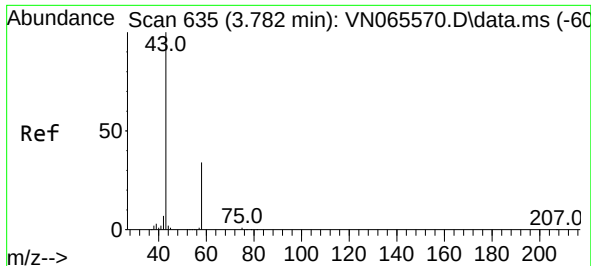
Tgt Ion:168 Resp: 222392
Ion Ratio Lower Upper
168 100
99 59.4 42.6 63.8



#13
Acrolein
Concen: 18.58 ug/l
RT: 3.570 min Scan# 569
Delta R.T. 0.001 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

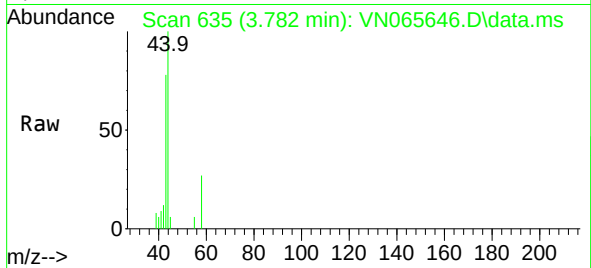
Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 29.0 56.0 84.0#



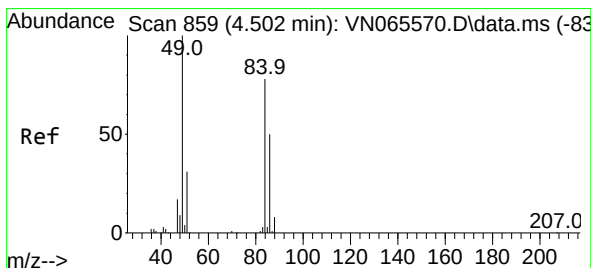
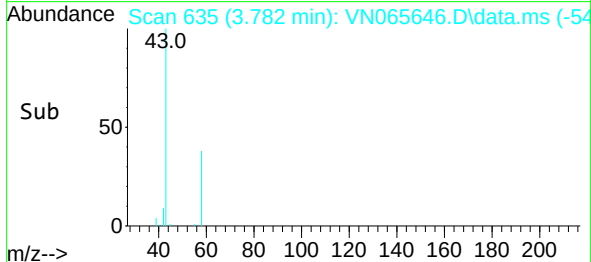
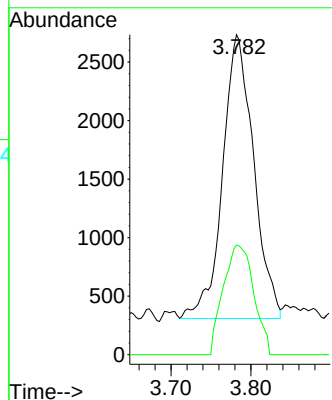


#16
Acetone
Concen: 5.74 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

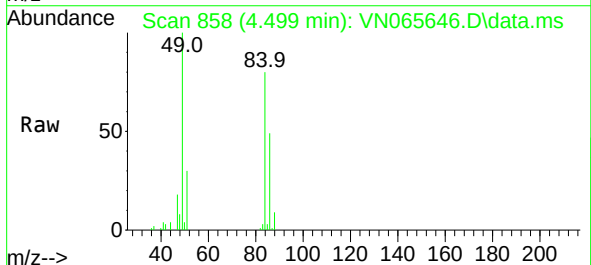
Instrument :
MSVOA_N
ClientSampled :
PB134373TB



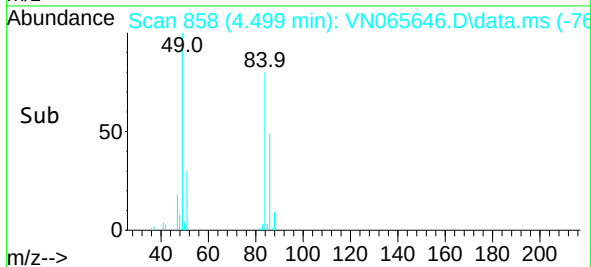
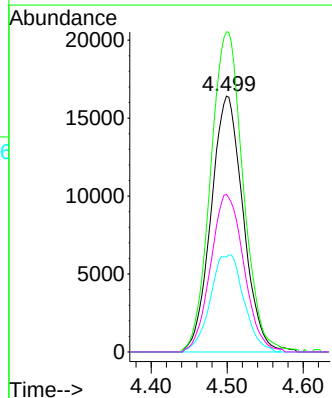
Tgt Ion: 43 Resp: 6538
Ion Ratio Lower Upper
43 100
58 38.6 27.0 40.6

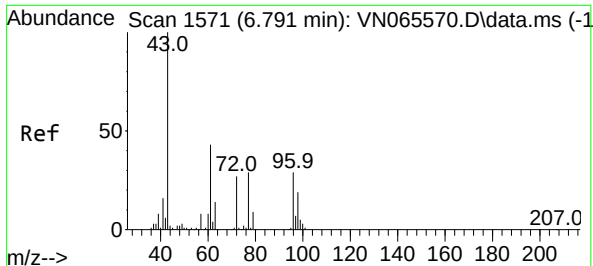


#20
Methylene Chloride
Concen: 15.19 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49



Tgt Ion: 84 Resp: 47896
Ion Ratio Lower Upper
84 100
49 125.1 94.6 141.8
51 37.2 29.9 44.9
86 61.6 51.4 77.2

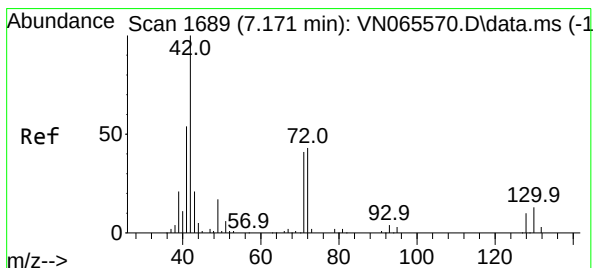
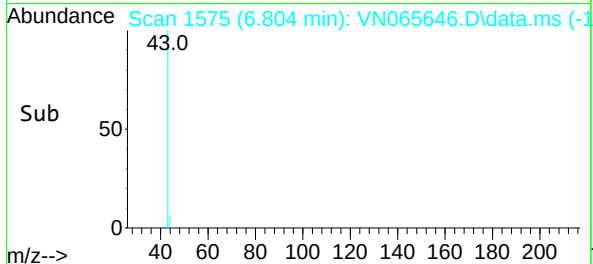
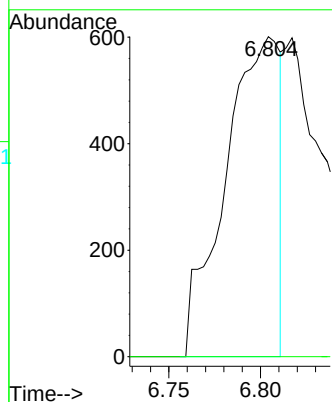
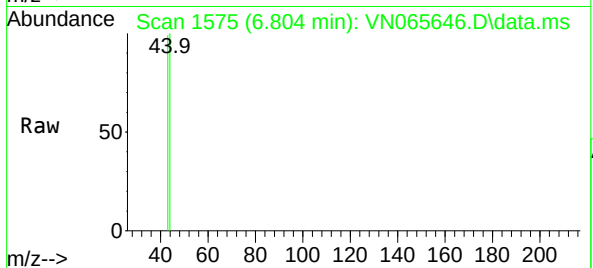




#25
2-Butanone
Concen: 0.70 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

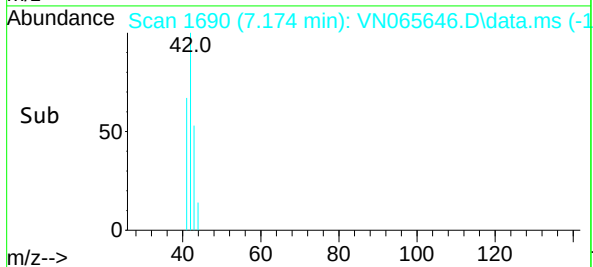
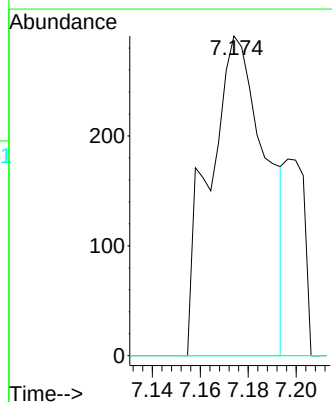
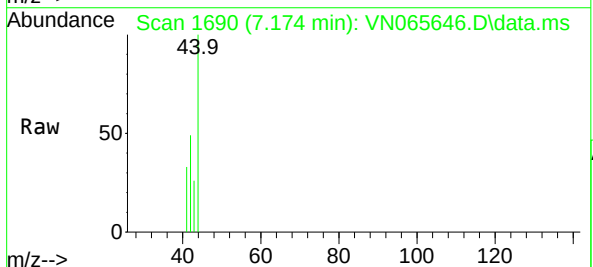
Instrument :
MSVOA_N
ClientSampled :
PB134373TB

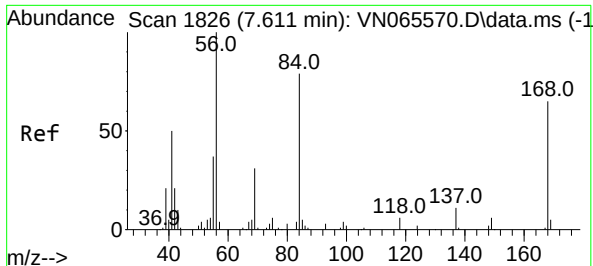
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

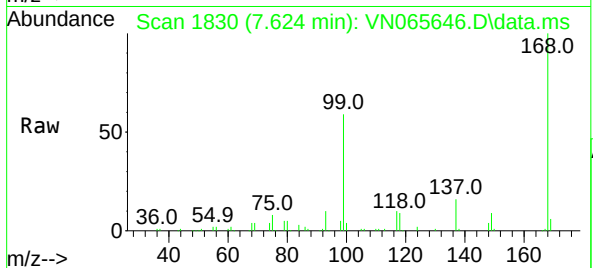
Tgt Ion: 42 Resp: 479
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



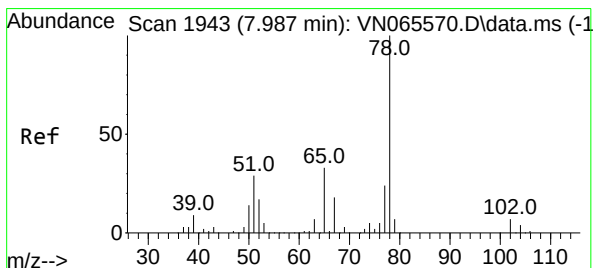
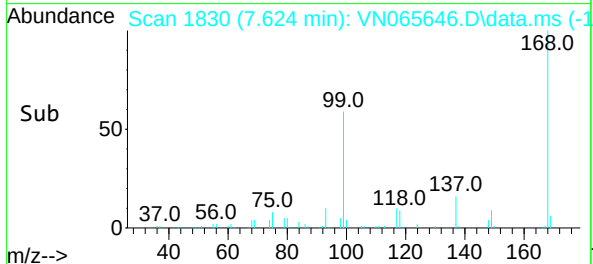
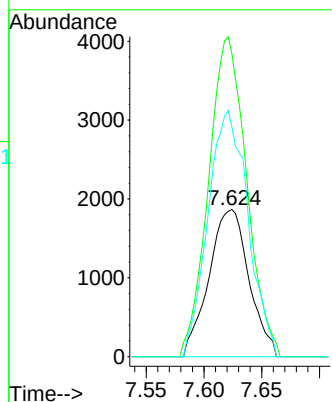


#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB134373TB

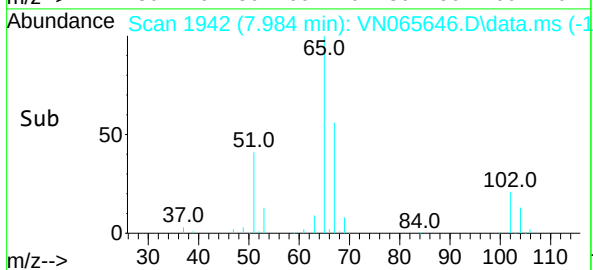
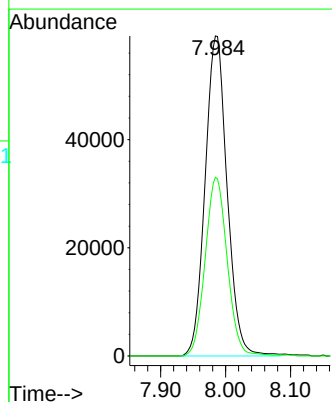
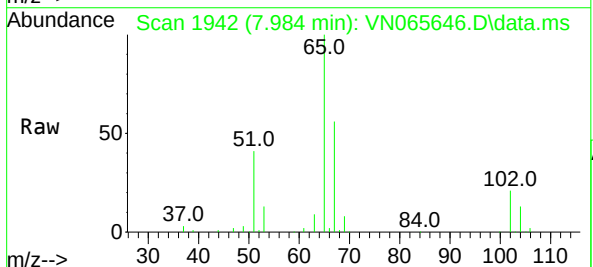


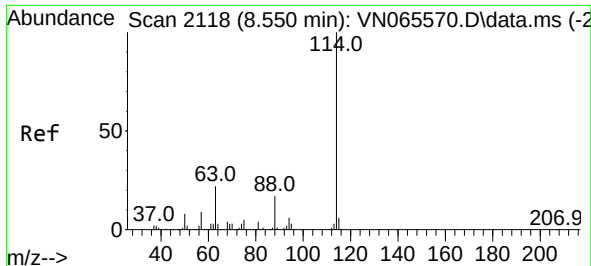
Tgt Ion: 56 Resp: 4496
Ion Ratio Lower Upper
56 100
69 206.1 26.6 39.8#
84 156.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.67 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion: 65 Resp: 139474
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

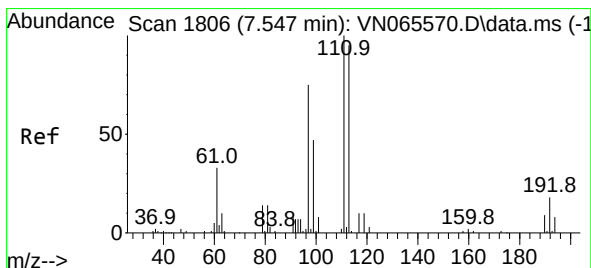
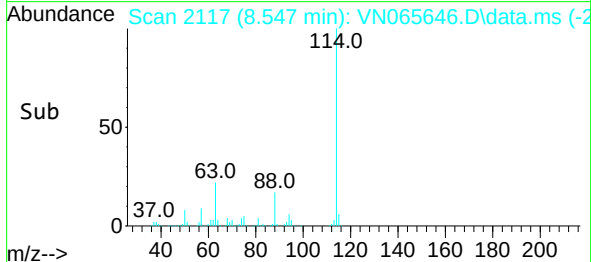
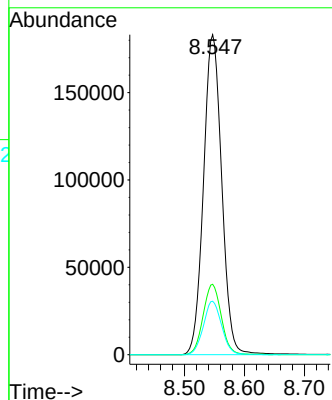
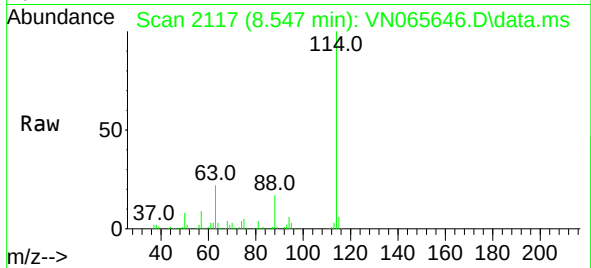




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

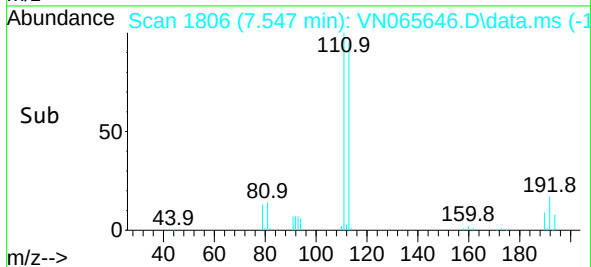
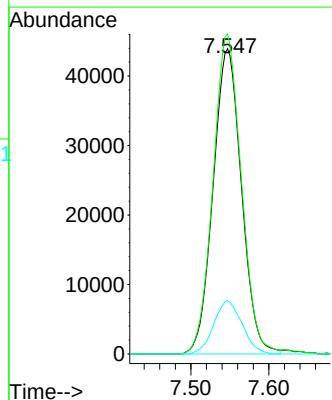
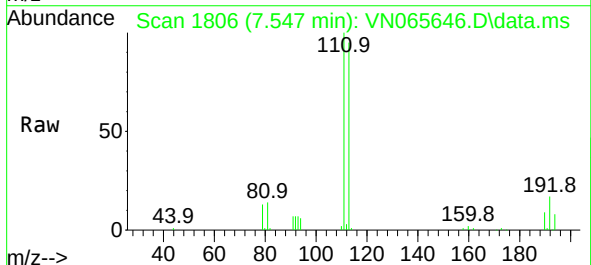
Instrument :
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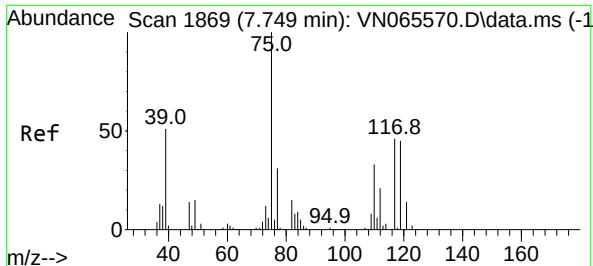
Tgt Ion:114 Resp: 387489
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion:113 Resp: 111018
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.2
192 17.5 15.4 23.0



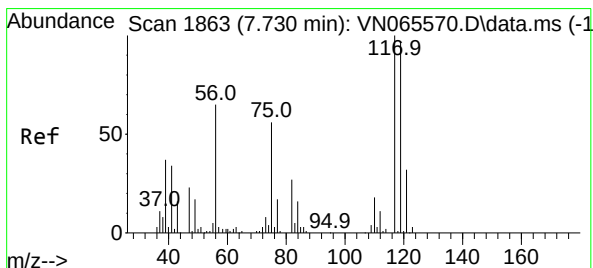
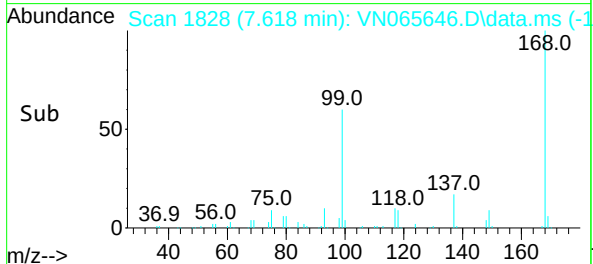
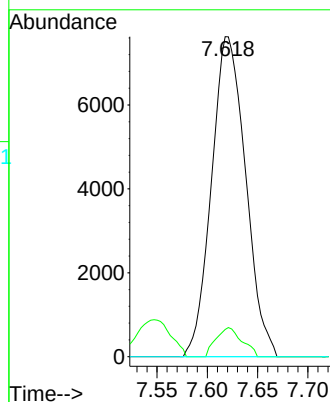
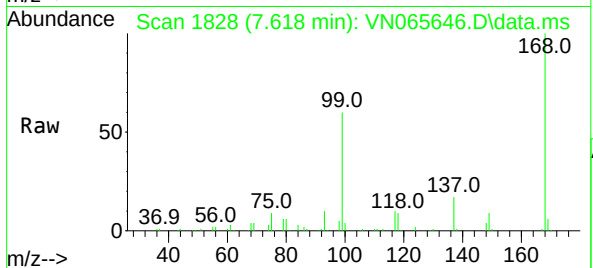


#36

1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Instrument :
MSVOA_N
ClientSampled :
PB134373TB

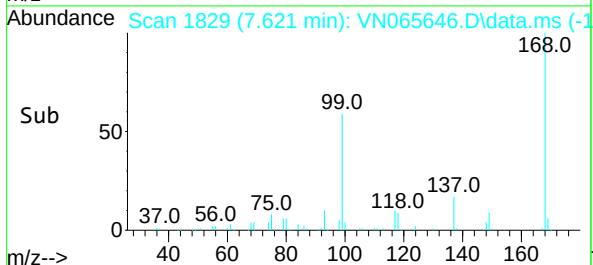
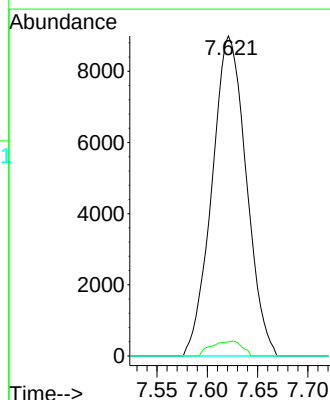
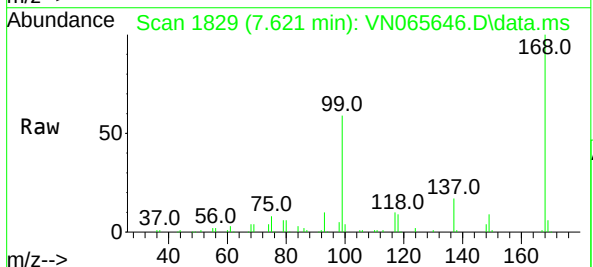
Tgt Ion: 75 Resp: 17985
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#

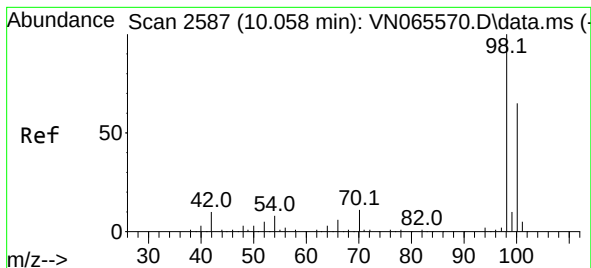


#38

Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion: 117 Resp: 21338
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.5 36.7#

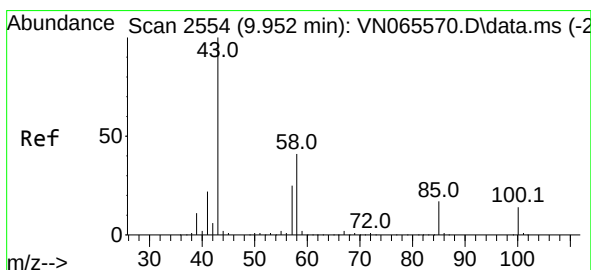
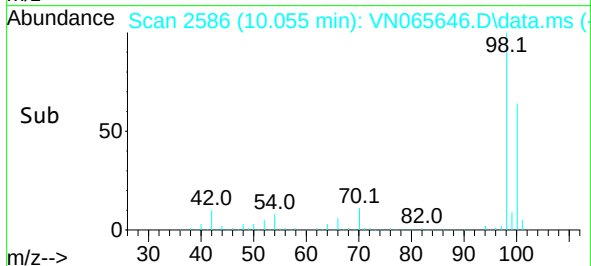
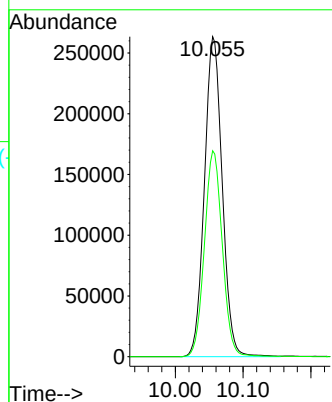
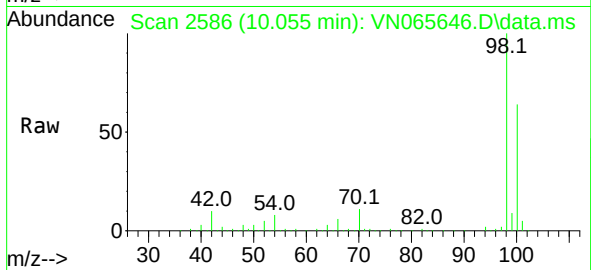




#50
Toluene-d8
Concen: 53.18 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

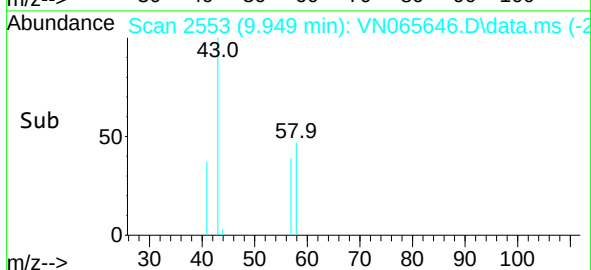
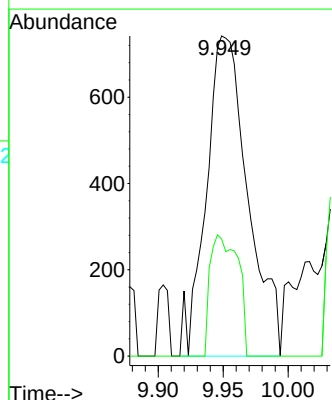
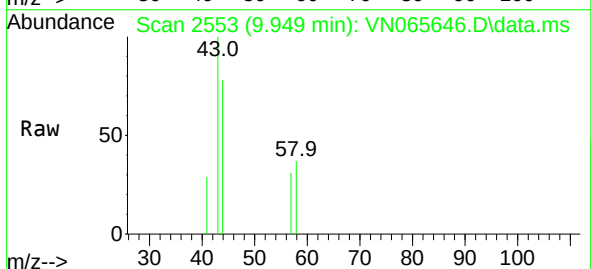
Instrument :
MSVOA_N
ClientSampleId :
PB134373TB

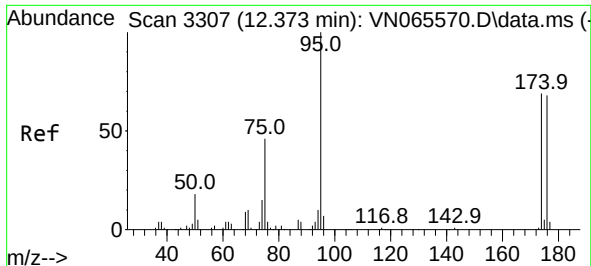
Tgt Ion: 98 Resp: 480020
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 25.0 32.5 48.7#

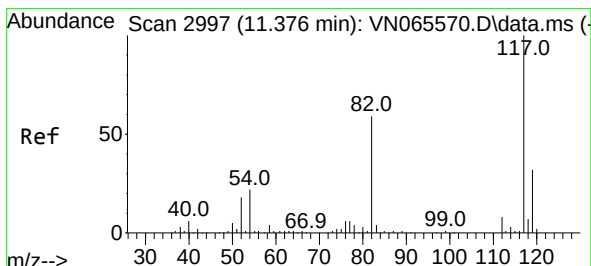
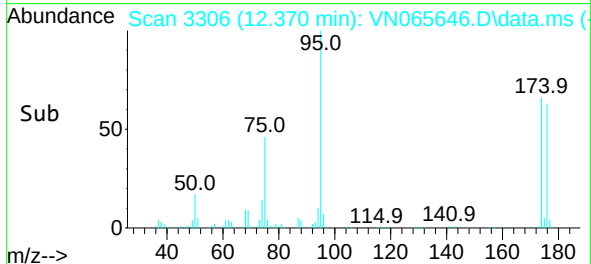
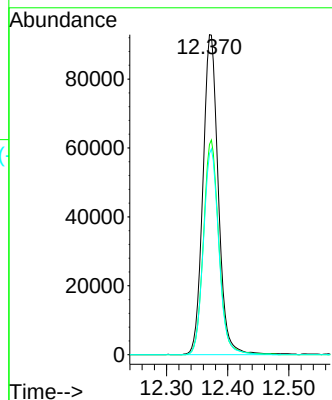
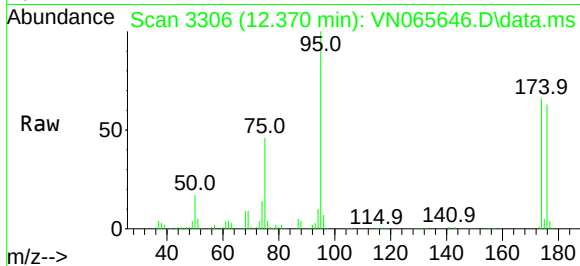




#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

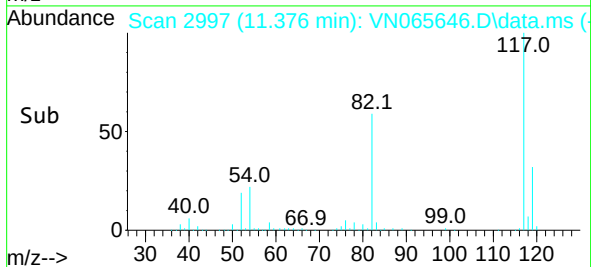
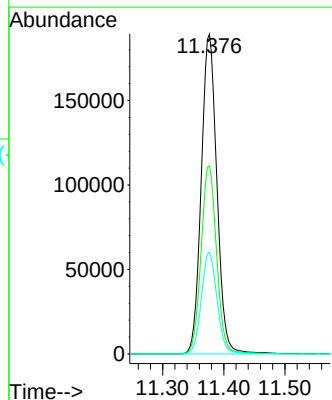
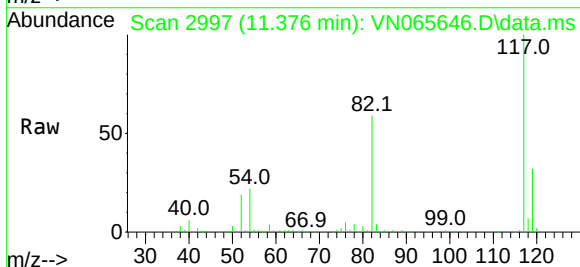
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ClientSampleId :
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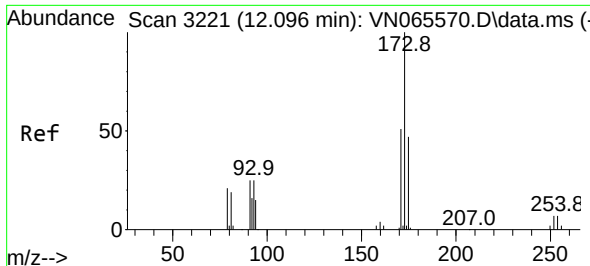
Tgt Ion: 95 Resp: 162103
Ion Ratio Lower Upper
95 100
174 67.3 0.0 169.0
176 64.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

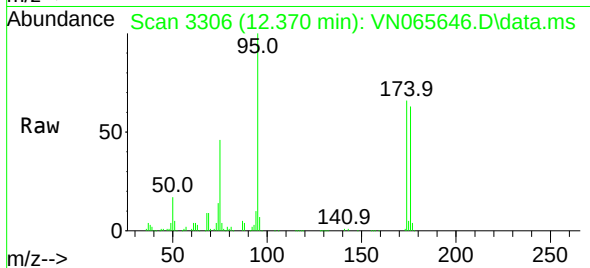
Tgt Ion: 117 Resp: 337349
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 31.7 26.1 39.1



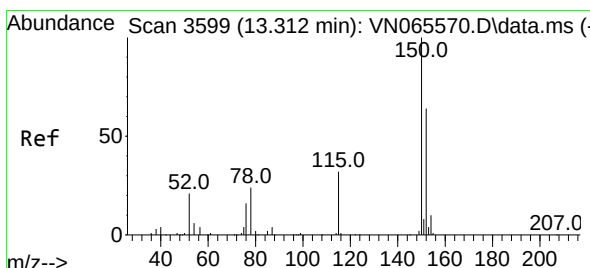
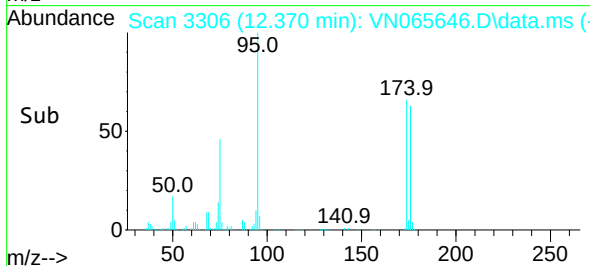
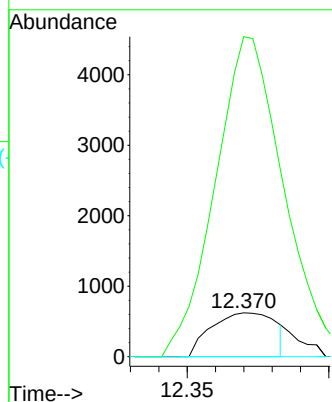


#71
Bromoform
Concen: 0.57 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB134373TB

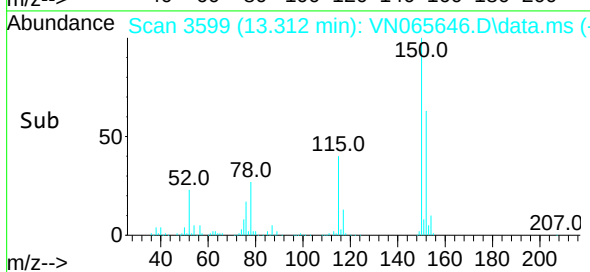
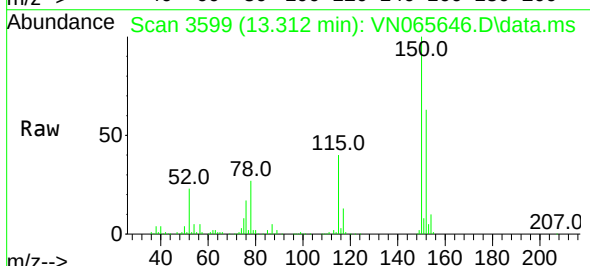
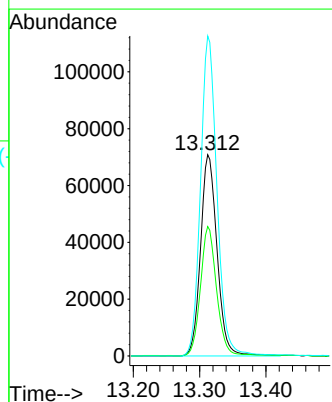


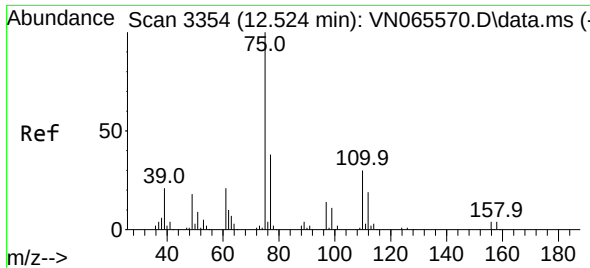
Tgt Ion:173 Resp: 979
Ion Ratio Lower Upper
173 100
175 657.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion:152 Resp: 122828
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 158.0 0.0 347.6

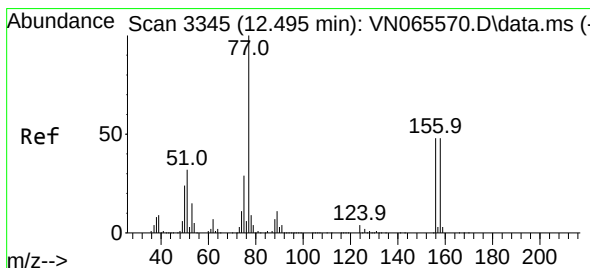
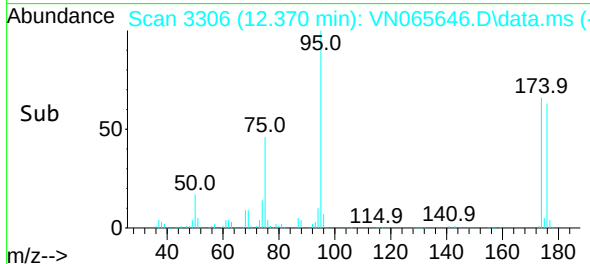
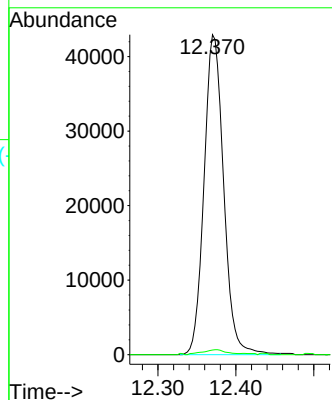
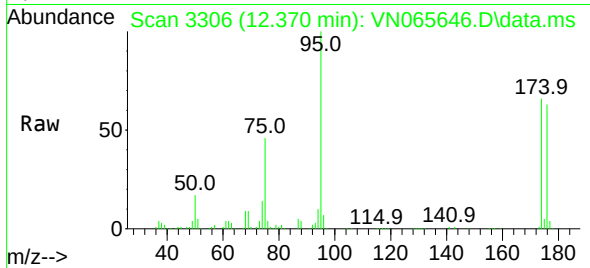




#76
1,2,3-Trichloropropane
Concen: 23.43 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

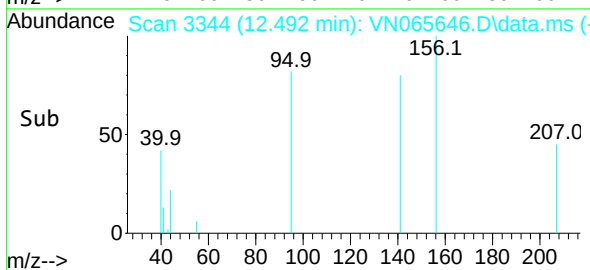
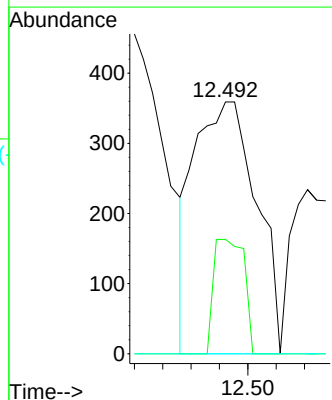
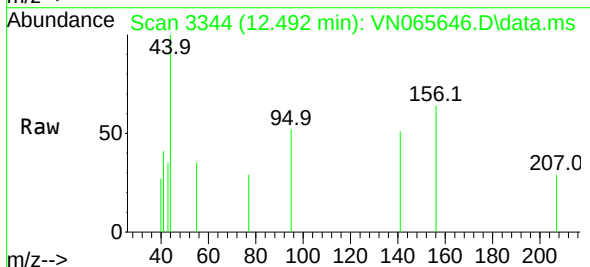
Instrument :
MSVOA_N
ClientSampled :
PB134373TB

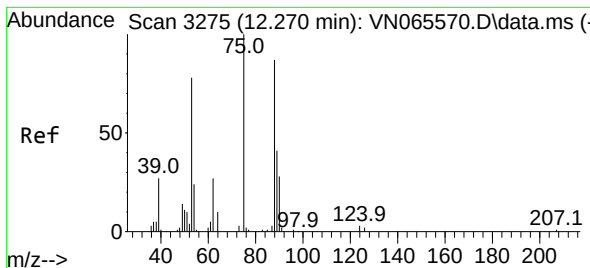
Tgt Ion: 75 Resp: 75238
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#77
Bromobenzene
Concen: 0.24 ug/l
RT: 12.492 min Scan# 3344
Delta R.T. -0.003 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion:156 Resp: 548
Ion Ratio Lower Upper
156 100
77 22.1 96.3 288.8#
158 0.0 49.0 147.0#

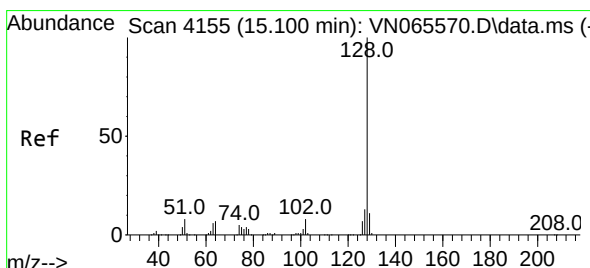
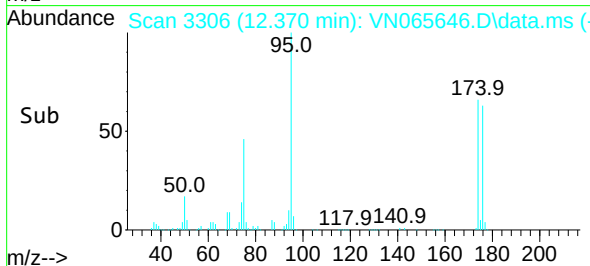
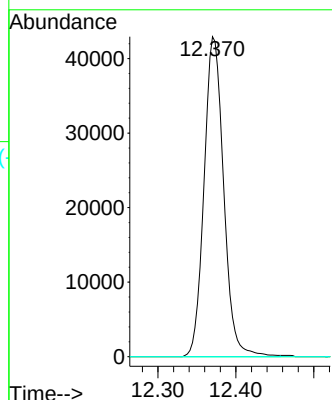
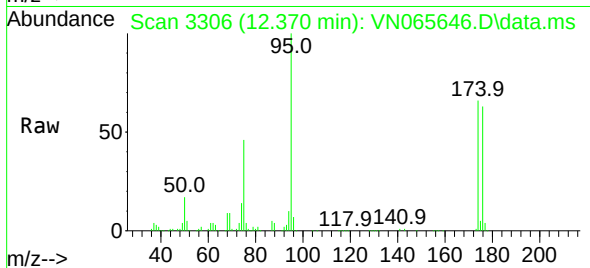




#81
trans-1,4-Dichloro-2-butene
Concen: 60.00 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Instrument :
MSVOA_N
ClientSampled :
PB134373TB

Tgt Ion: 75 Resp: 75238
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.016 min
Lab File: VN065646.D
Acq: 28 Jan 2021 13:49

Tgt Ion: 128 Resp: 565
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 18.4 8.6 13.0#

