

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065650.D
 Acq On : 28 Jan 2021 15:27
 Operator : JC/MD
 Sample : PB134373ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#13

Quant Time: Jan 29 01:23:23 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)

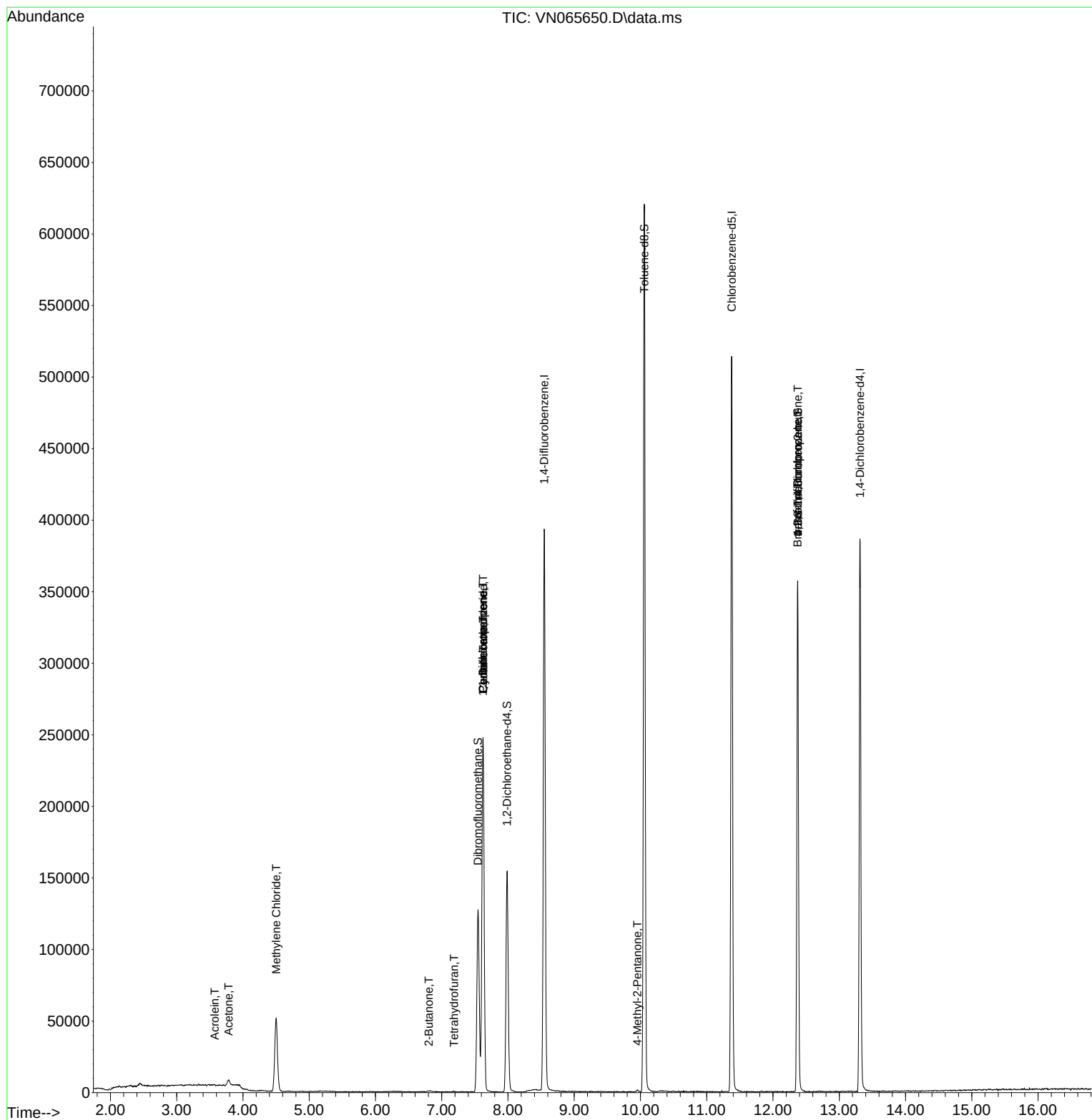
Internal Standards						
1) Pentafluorobenzene	7.624	168	204944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	358124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	306966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	111709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	130491	48.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.80%		
35) Dibromofluoromethane	7.547	113	104425	49.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.42%		
50) Toluene-d8	10.058	98	446006	53.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.92%		
62) 4-Bromofluorobenzene	12.373	95	144807	48.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.42%		
Target Compounds						
13) Acrolein	3.573	56	64	18.22	ug/l #	1
16) Acetone	3.782	43	5945	5.66	ug/l	98
20) Methylene Chloride	4.502	84	38086	13.10	ug/l	98
25) 2-Butanone	6.804	43	1162	0.71	ug/l #	46
29) Tetrahydrofuran	7.187	42	494	0.41	ug/l #	32
31) Cyclohexane	7.624	56	4103	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17066	4.74	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19478	6.57	ug/l #	16
51) 4-Methyl-2-Pentanone	9.952	43	1856	0.55	ug/l #	60
71) Bromoform	12.370	173	453	0.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	67843	23.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67843	59.49	ug/l #	12

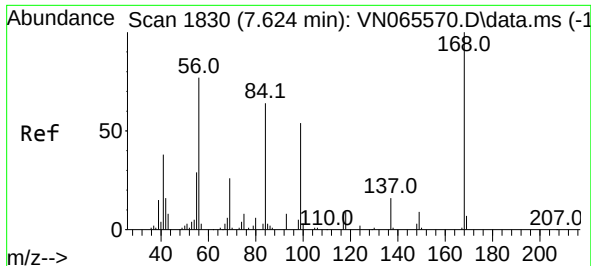
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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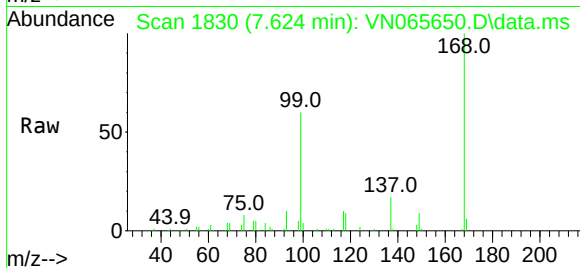
Quant Time: Jan 29 01:23:23 2021
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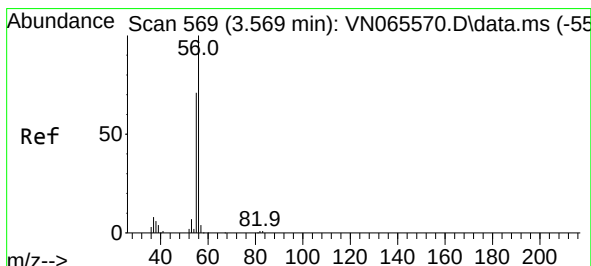
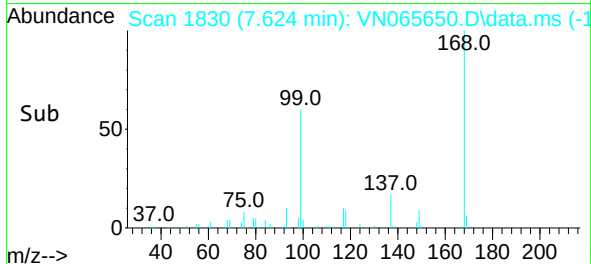
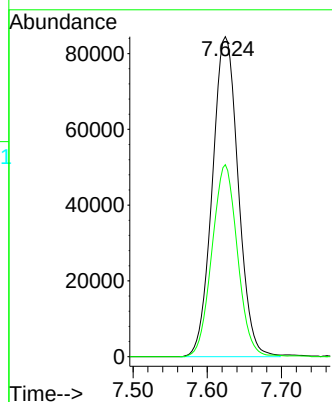


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

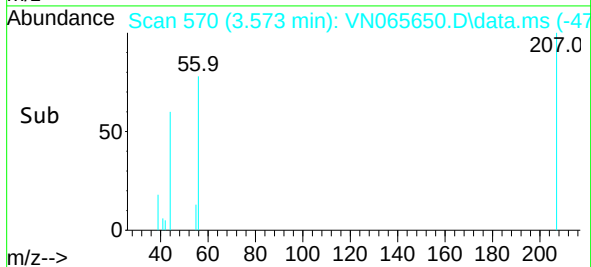
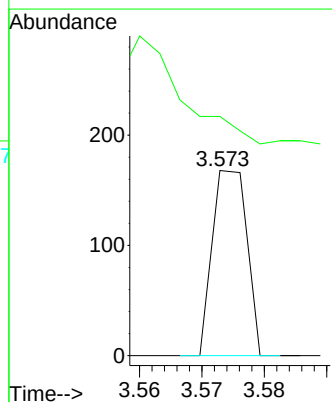
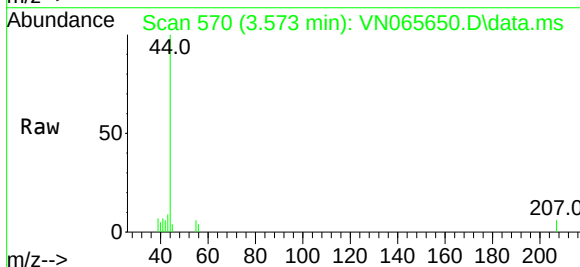


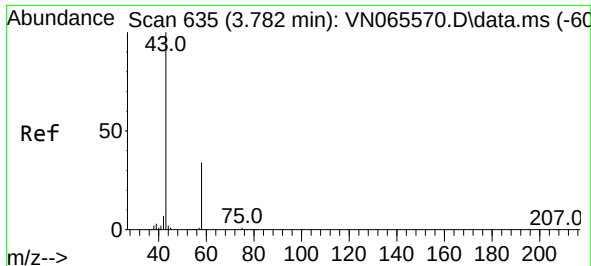
Tgt Ion:168 Resp: 204944
Ion Ratio Lower Upper
168 100
99 60.0 42.6 63.8



#13
Acrolein
Concen: 18.22 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

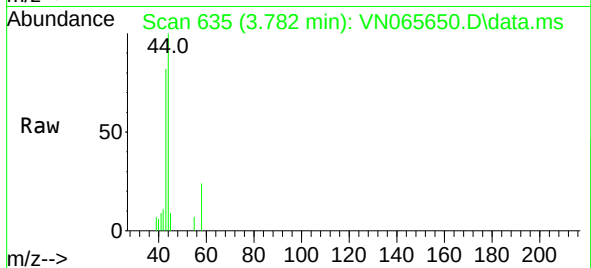
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 346.9 56.0 84.0#



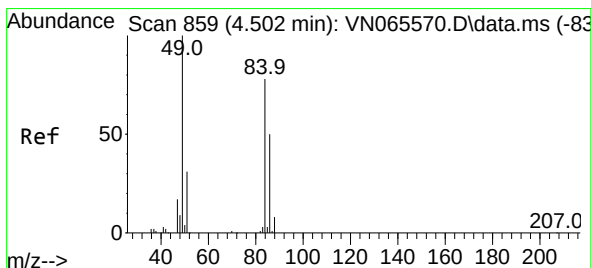
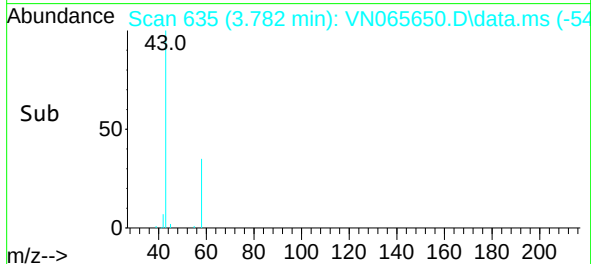
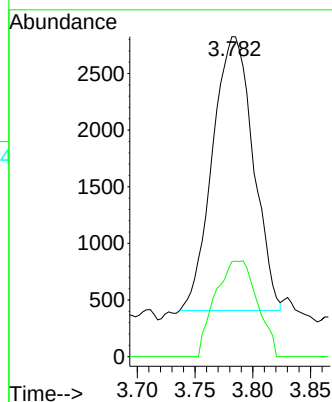


#16
Acetone
Concen: 5.66 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

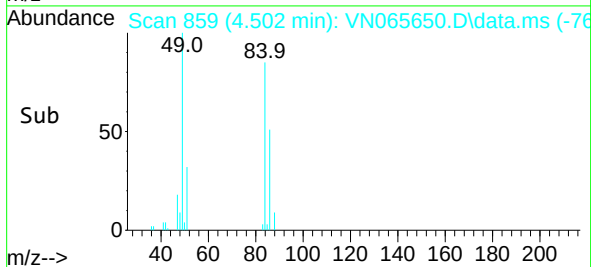
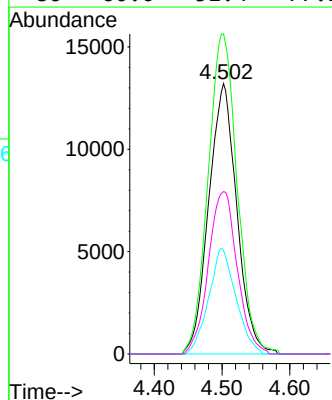
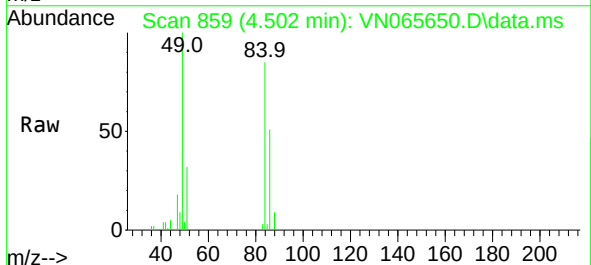


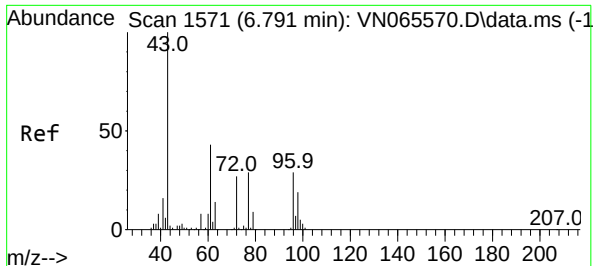
Tgt Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
58 34.7 27.0 40.6



#20
Methylene Chloride
Concen: 13.10 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 84 Resp: 38086
Ion Ratio Lower Upper
84 100
49 118.3 94.6 141.8
51 38.3 29.9 44.9
86 60.0 51.4 77.2

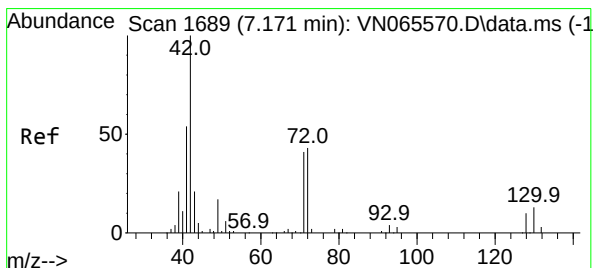
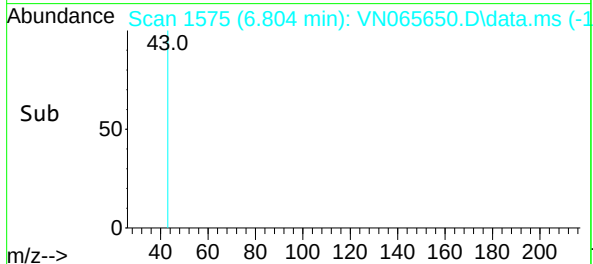
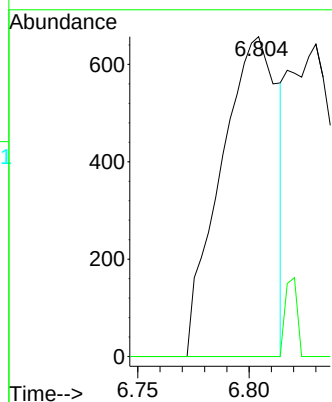
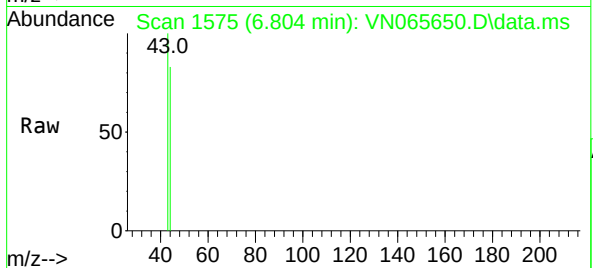




#25
2-Butanone
Concen: 0.71 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

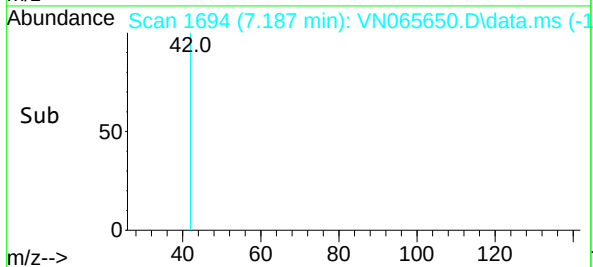
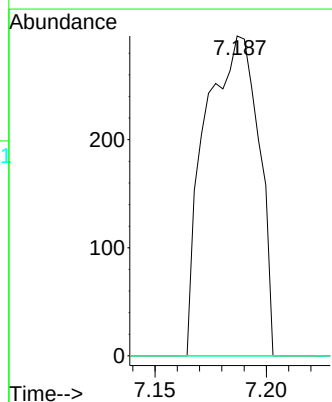
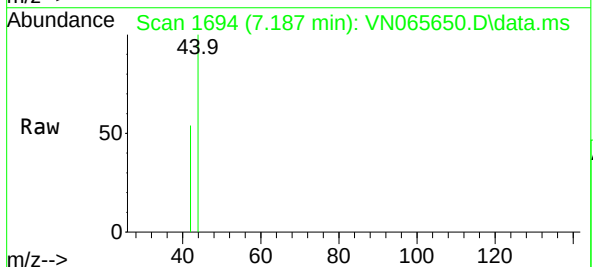
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

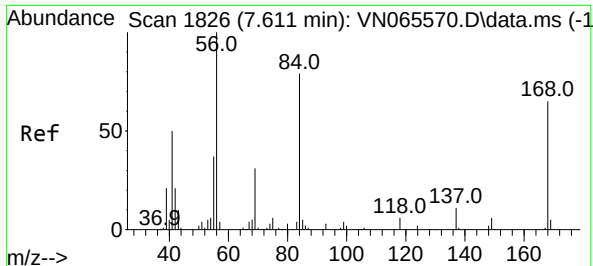
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.016 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

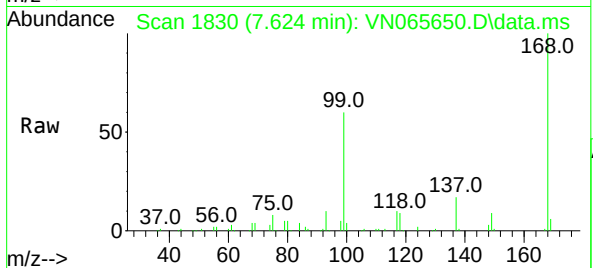
Tgt Ion: 42 Resp: 494
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



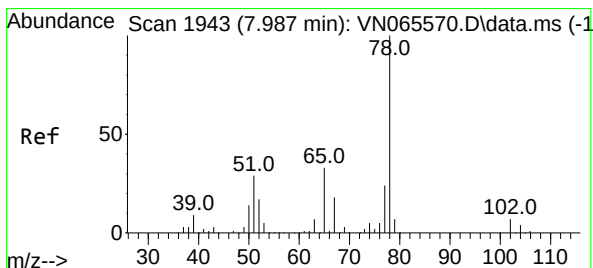
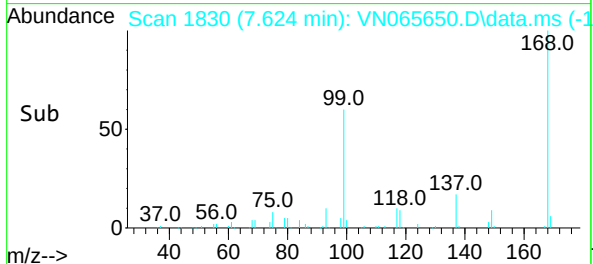
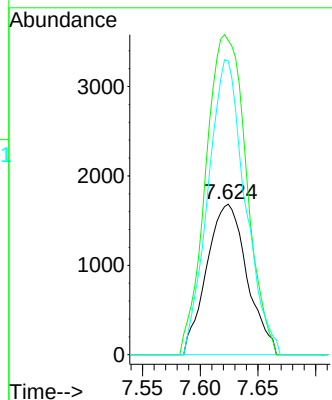


#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

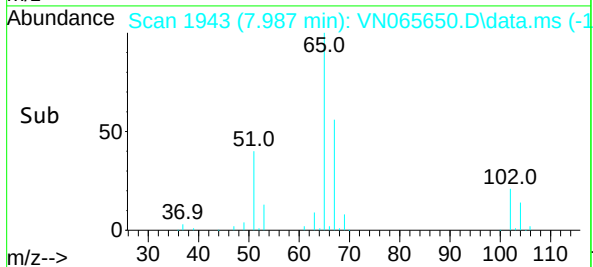
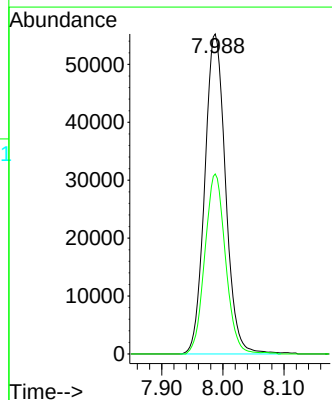
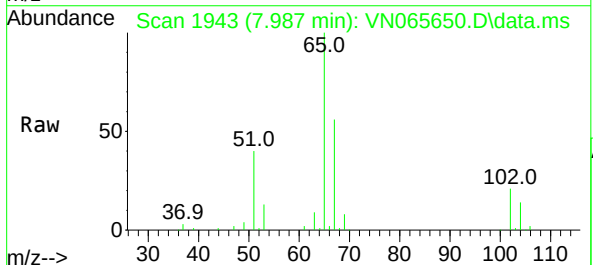


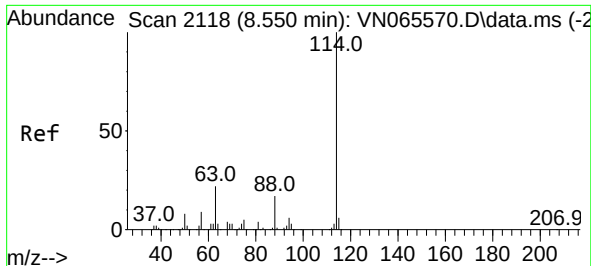
Tgt Ion: 56 Resp: 4103
Ion Ratio Lower Upper
56 100
69 208.9 26.6 39.8#
84 195.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.40 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 65 Resp: 130491
Ion Ratio Lower Upper
65 100
67 55.9 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: VN065650.D

Acq: 28 Jan 2021 15:27

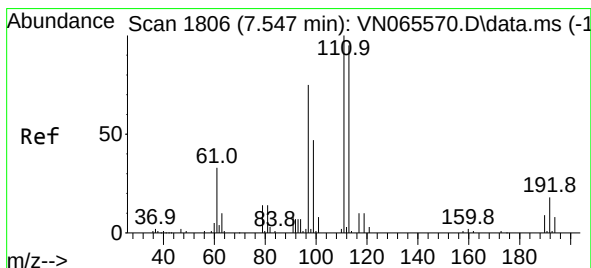
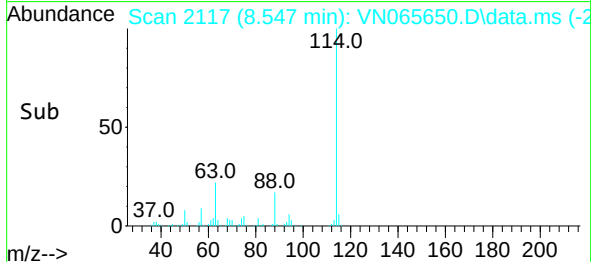
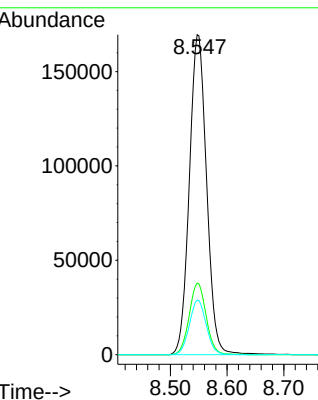
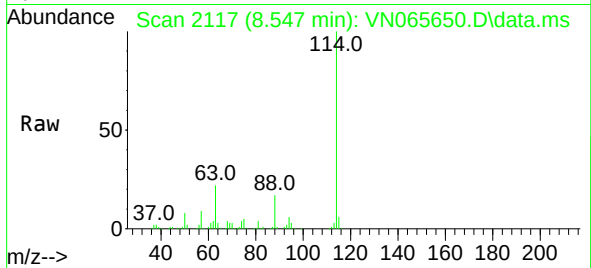
Tgt Ion:114 Resp: 358124

Ion Ratio Lower Upper

114 100

63 22.3 0.0 38.6

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.21 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN065650.D

Acq: 28 Jan 2021 15:27

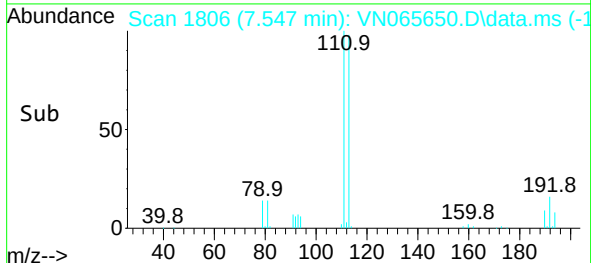
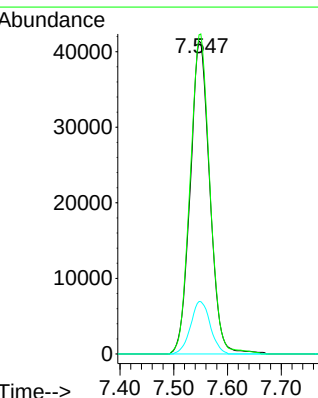
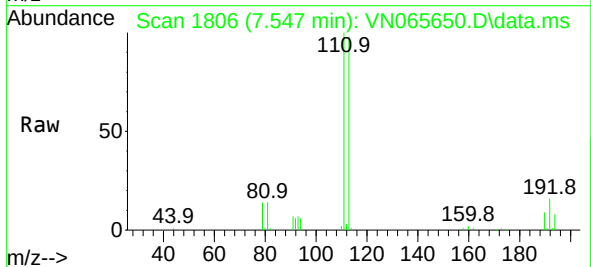
Tgt Ion:113 Resp: 104425

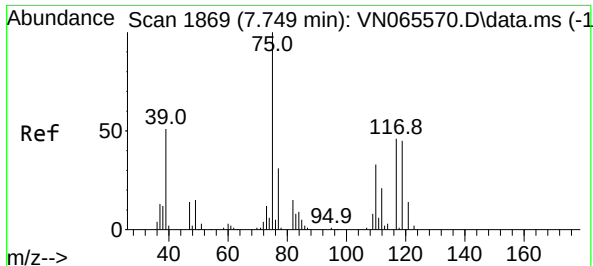
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 16.9 15.4 23.0

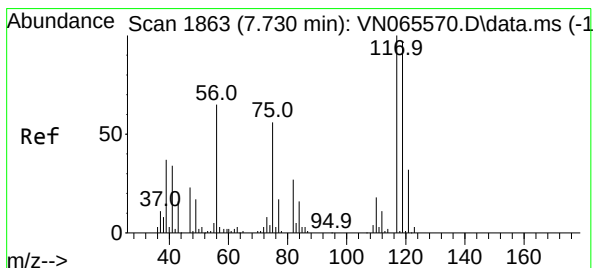
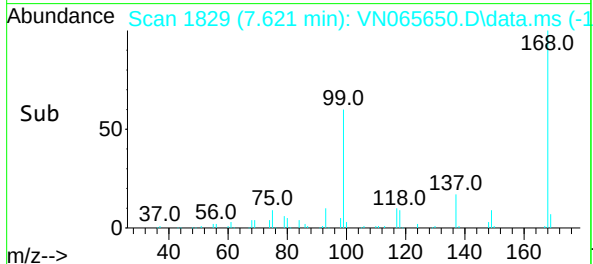
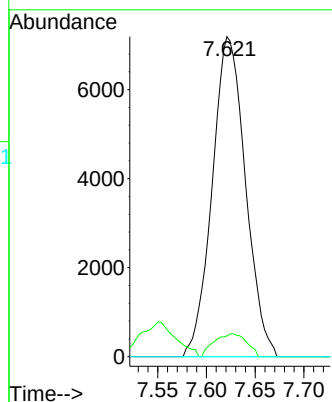
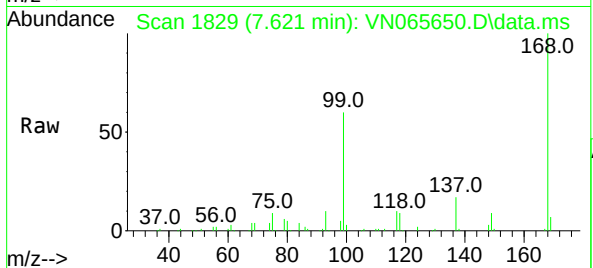




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

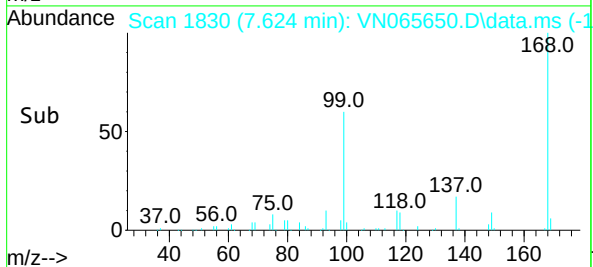
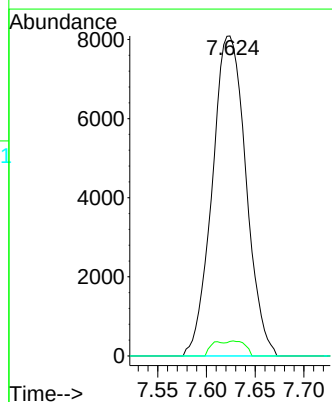
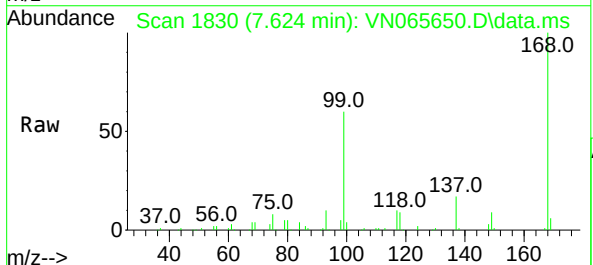
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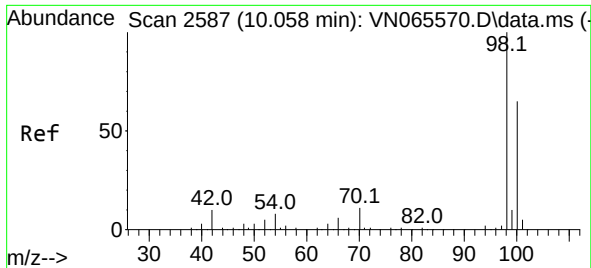
Tgt Ion: 75 Resp: 17066
Ion Ratio Lower Upper
75 100
110 7.0 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 117 Resp: 19478
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#

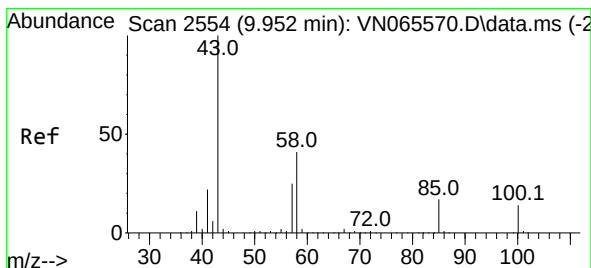
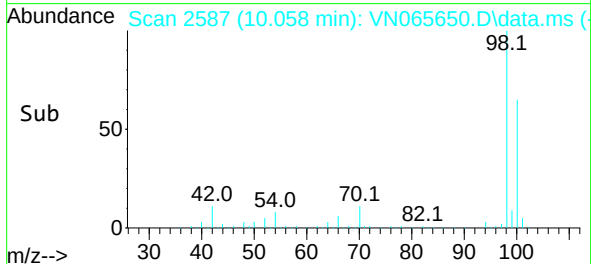
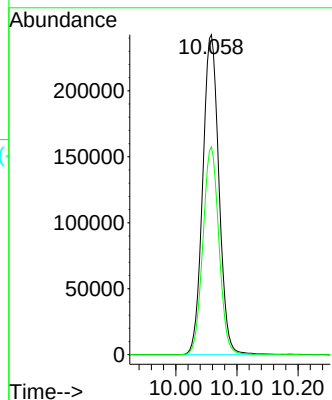
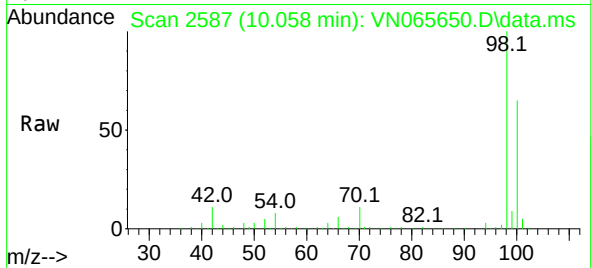




#50
Toluene-d8
Concen: 53.46 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

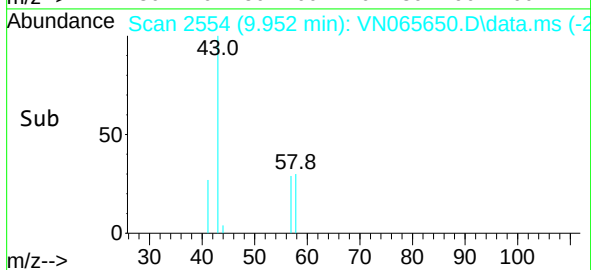
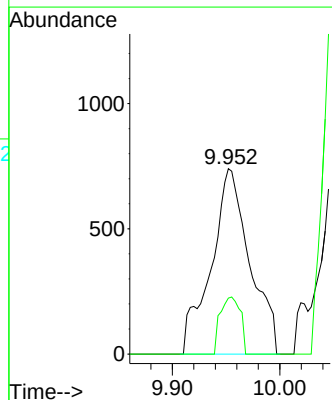
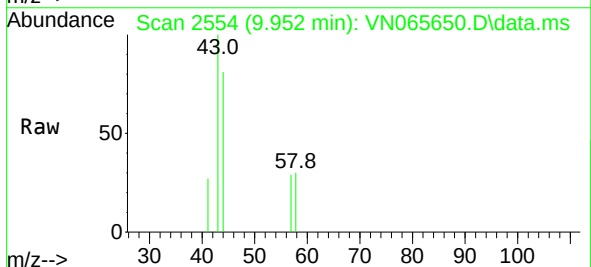
Instrument :
MSVOA_N
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PB134373ZHE#13

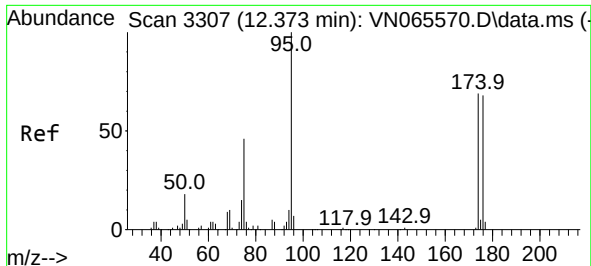
Tgt Ion: 98 Resp: 446006
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 15.9 32.5 48.7#

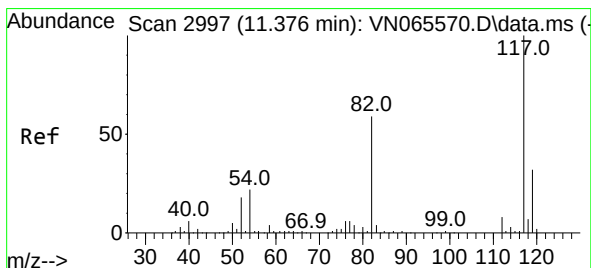
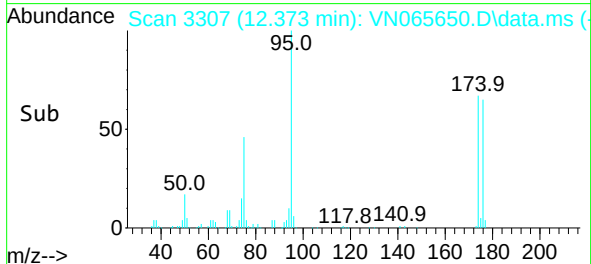
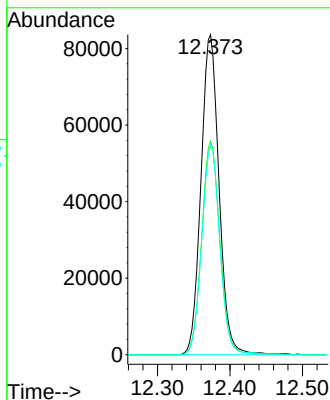
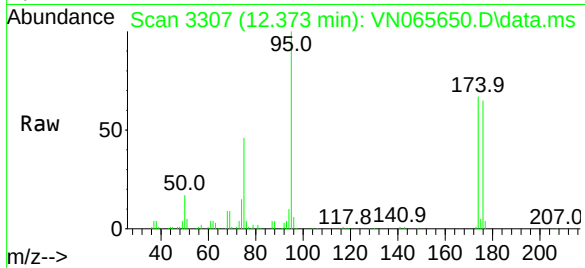




#62
4-Bromofluorobenzene
Concen: 48.21 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

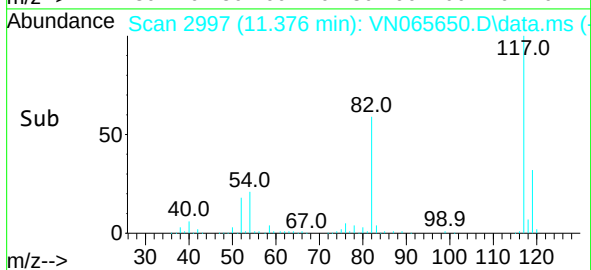
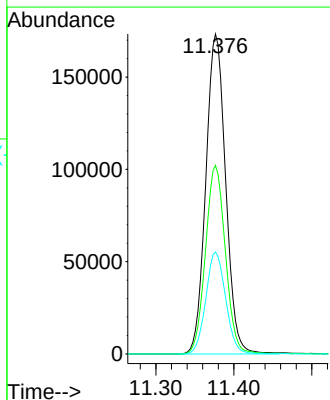
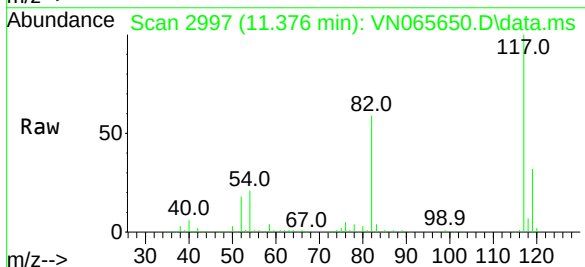
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

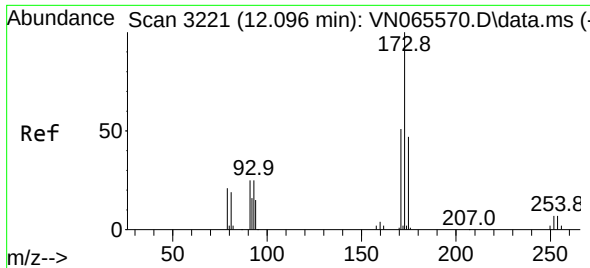
Tgt Ion: 95 Resp: 144807
Ion Ratio Lower Upper
95 100
174 67.4 0.0 169.0
176 65.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 117 Resp: 306966
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 31.9 26.1 39.1

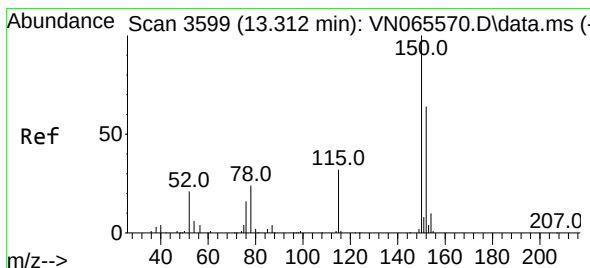
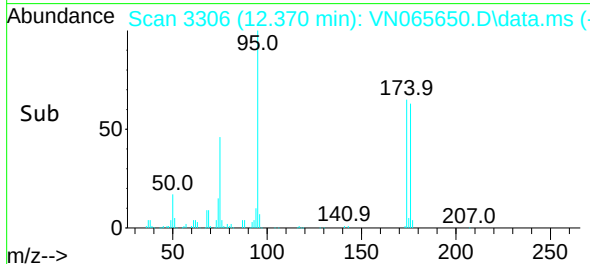
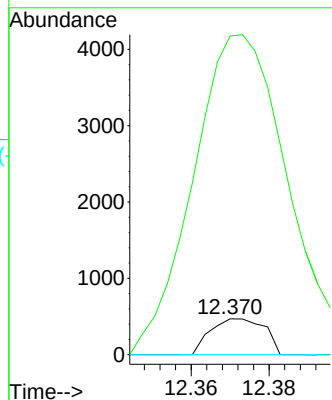
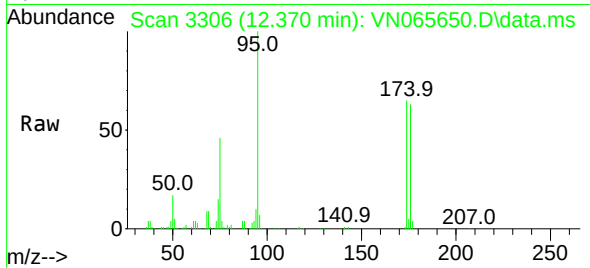




#71
Bromoform
Concen: 0.29 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

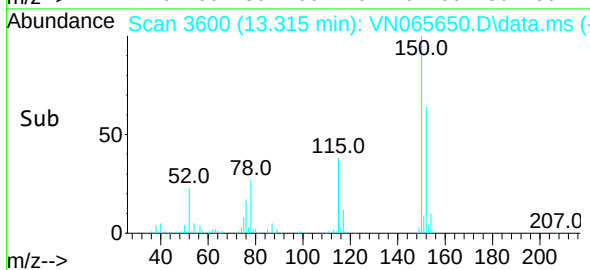
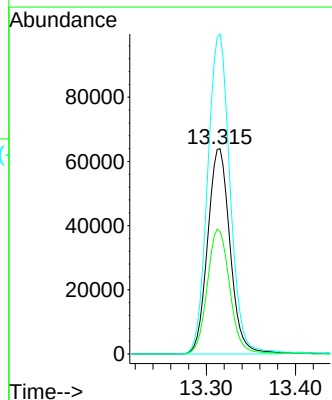
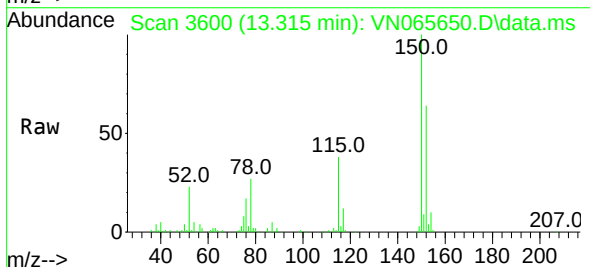
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

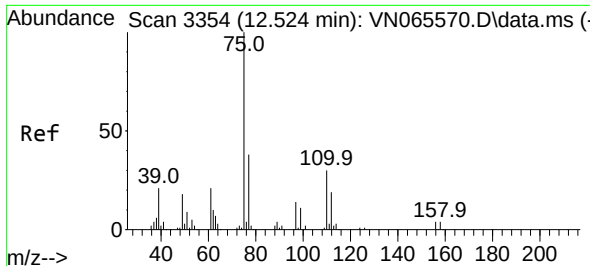
Tgt Ion:173 Resp: 453
Ion Ratio Lower Upper
173 100
175 1321.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion:152 Resp: 111709
Ion Ratio Lower Upper
152 100
115 60.9 28.5 85.6
150 156.2 0.0 347.6

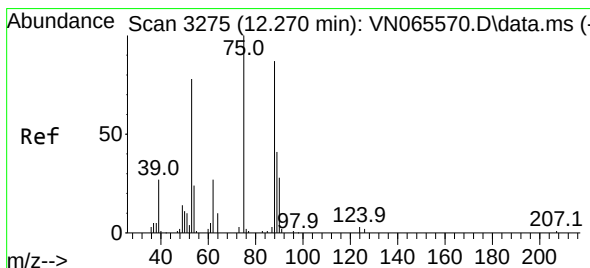
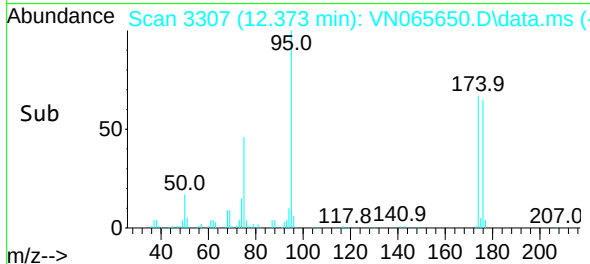
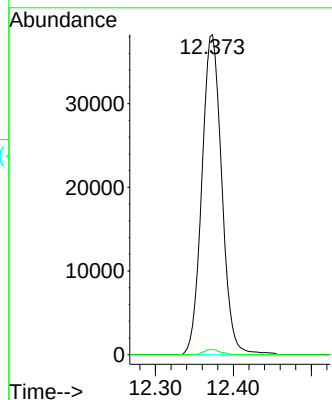
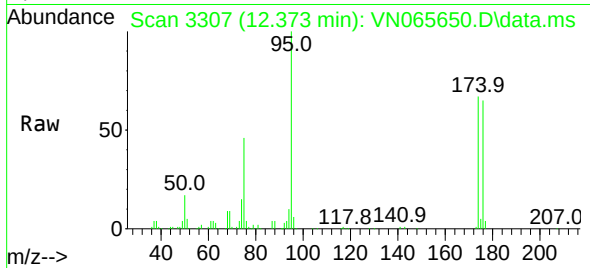




#76
1,2,3-Trichloropropane
Concen: 23.23 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#13

Tgt Ion: 75 Resp: 67843
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065650.D
Acq: 28 Jan 2021 15:27

Tgt Ion: 75 Resp: 67843
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

