

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065652.D
 Acq On : 28 Jan 2021 16:16
 Operator : JC/MD
 Sample : PB134373ZHE#15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#15

Quant Time: Jan 29 01:23:55 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)

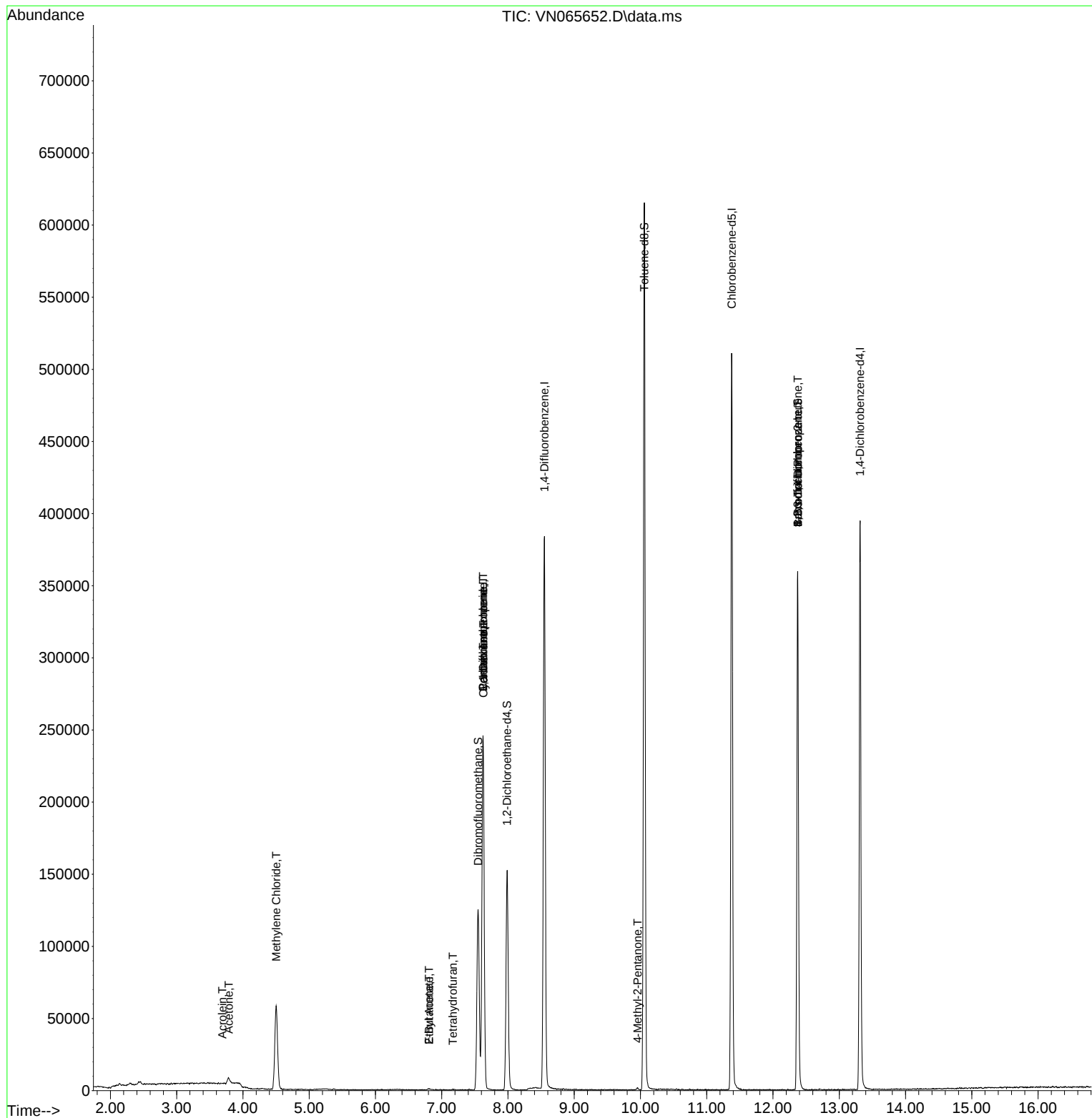
Internal Standards						
1) Pentafluorobenzene	7.624	168	200819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	350555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	306218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	110702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126436	47.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.72%		
35) Dibromofluoromethane	7.550	113	103073	49.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.24%		
50) Toluene-d8	10.058	98	436858	53.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.00%		
62) 4-Bromofluorobenzene	12.373	95	146645	49.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.74%		
Target Compounds						
					Qvalue	
13) Acrolein	3.689	56	63	18.22	ug/l	87
16) Acetone	3.785	43	6114	5.94	ug/l	99
20) Methylene Chloride	4.502	84	43141	15.15	ug/l	98
25) 2-Butanone	6.807	43	1442	0.89	ug/l	91
29) Tetrahydrofuran	7.171	42	295	0.25	ug/l #	32
31) Cyclohexane	7.627	56	4011	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17049	4.83	ug/l #	47
37) Ethyl Acetate	6.807	43	1442	0.43	ug/l #	68
38) Carbon Tetrachloride	7.624	117	18780	6.47	ug/l #	17
51) 4-Methyl-2-Pentanone	9.955	43	1631	0.49	ug/l #	75
71) Bromoform	12.373	173	439	0.28	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	68262	23.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68262	60.40	ug/l #	12

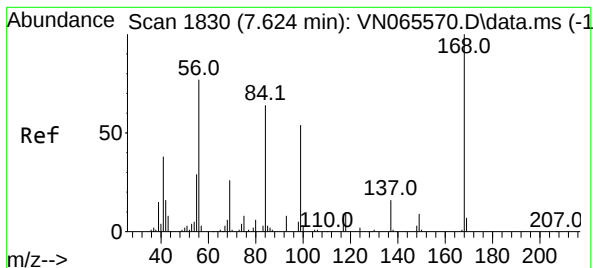
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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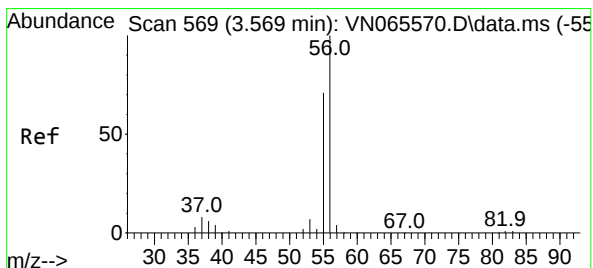
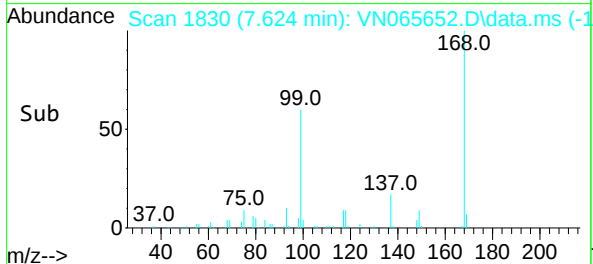
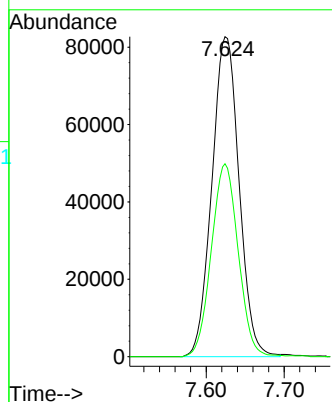
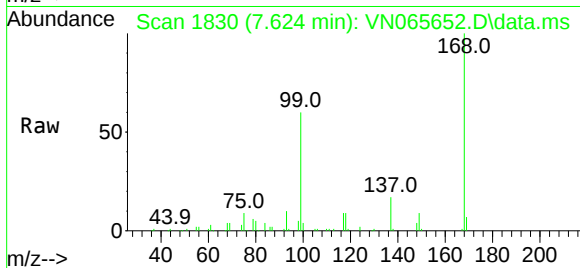




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

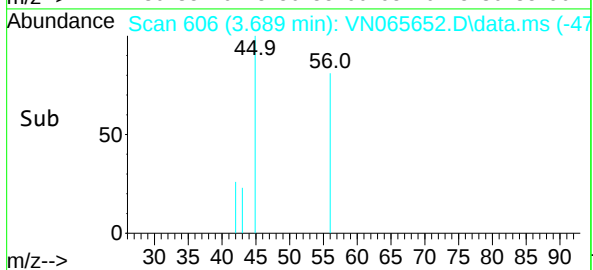
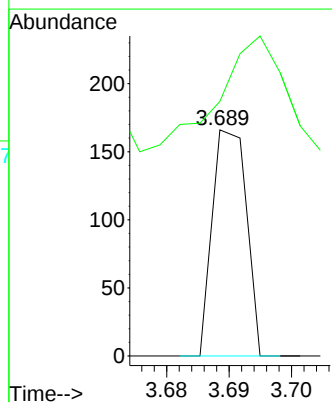
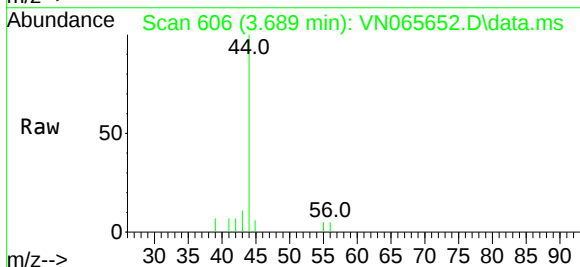
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

Tgt Ion:168 Resp: 200819
Ion Ratio Lower Upper
168 100
99 60.3 42.6 63.8



#13
Acrolein
Concen: 18.22 ug/l
RT: 3.689 min Scan# 606
Delta R.T. 0.120 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

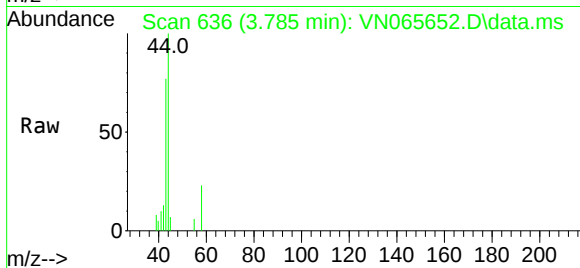
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 81.0 56.0 84.0



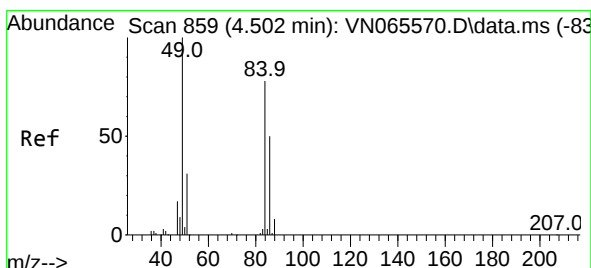
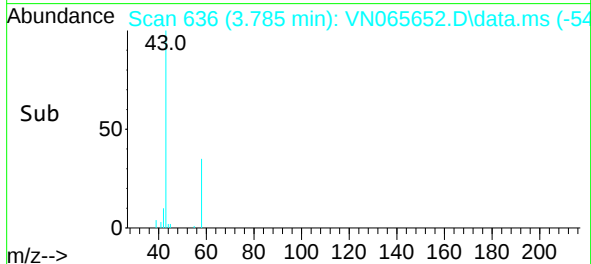
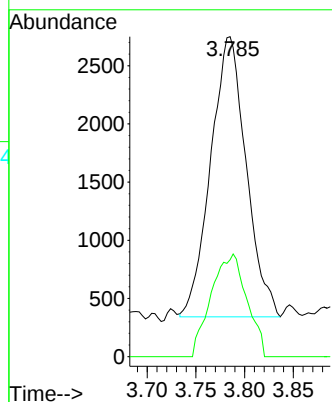


#16
Acetone
Concen: 5.94 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

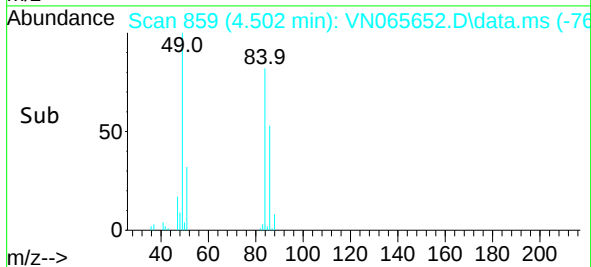
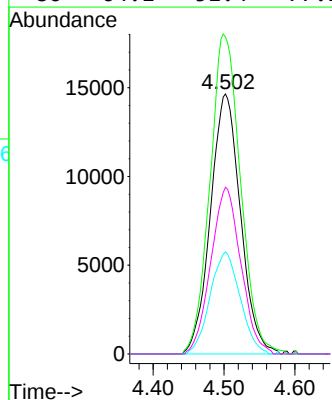
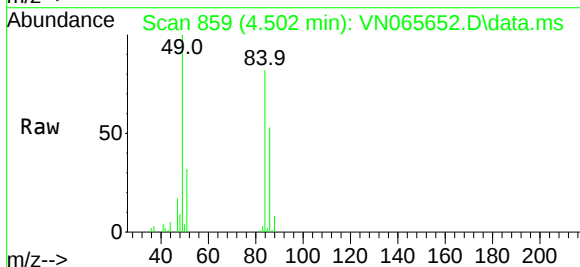


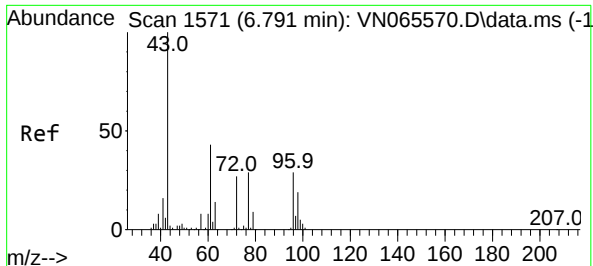
Tgt Ion: 43 Resp: 6114
Ion Ratio Lower Upper
43 100
58 34.6 27.0 40.6



#20
Methylene Chloride
Concen: 15.15 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

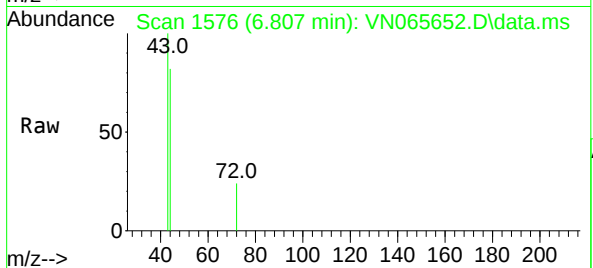
Tgt Ion: 84 Resp: 43141
Ion Ratio Lower Upper
84 100
49 121.9 94.6 141.8
51 39.2 29.9 44.9
86 64.1 51.4 77.2



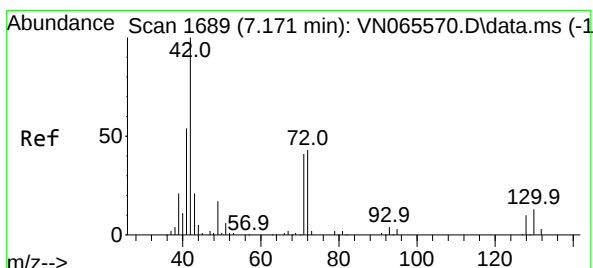
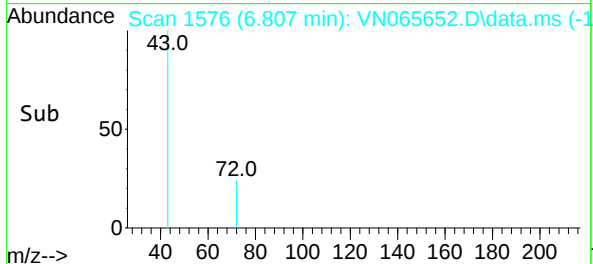
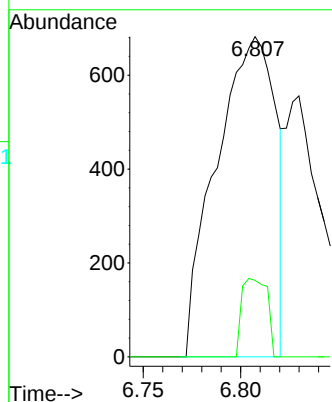


#25
2-Butanone
Concen: 0.89 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

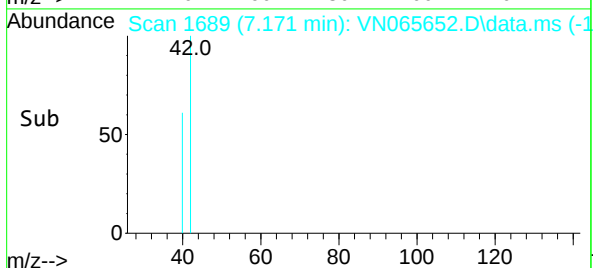
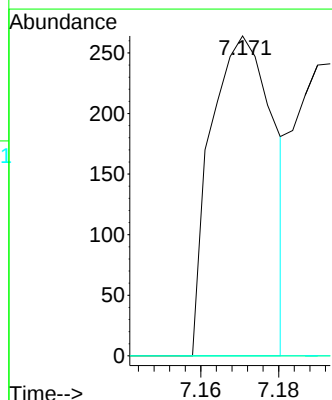
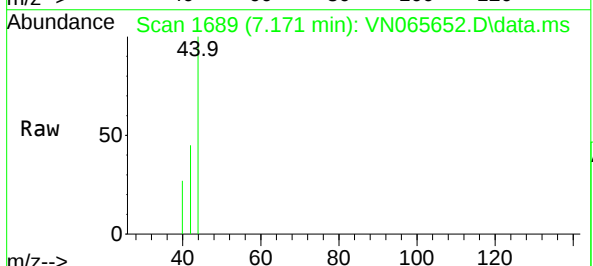


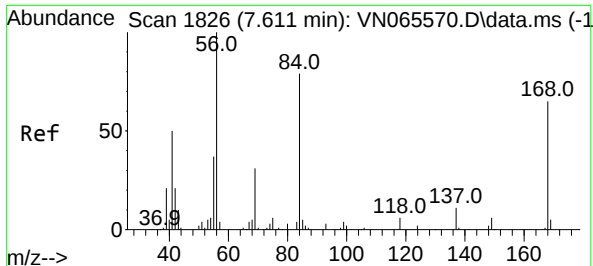
Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
72 23.9 23.1 34.7



#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

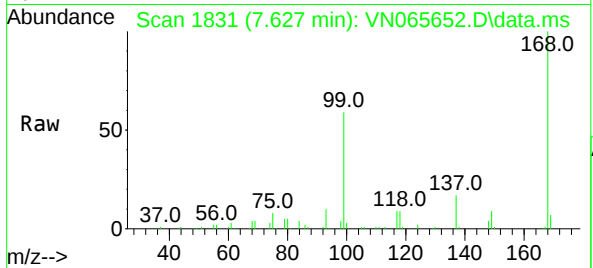
Tgt Ion: 42 Resp: 295
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



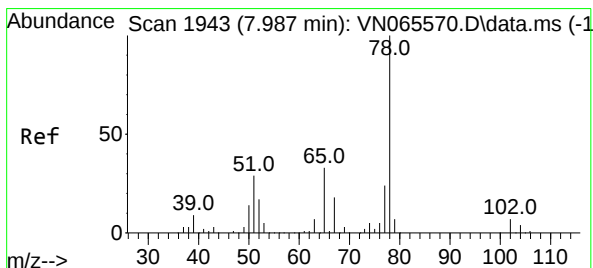
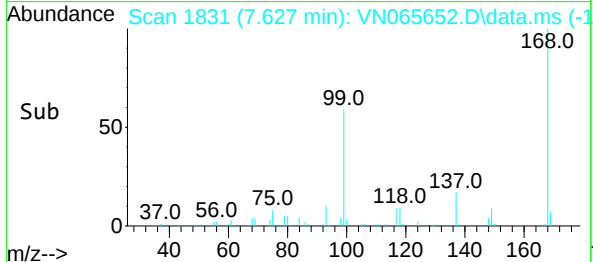
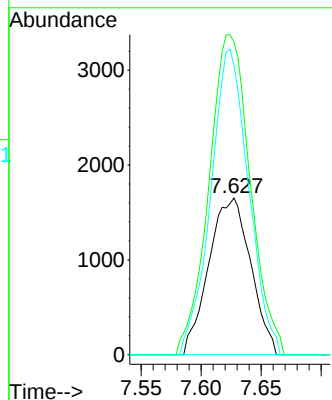


#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Instrument :
MSVOA_N
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PB134373ZHE#15

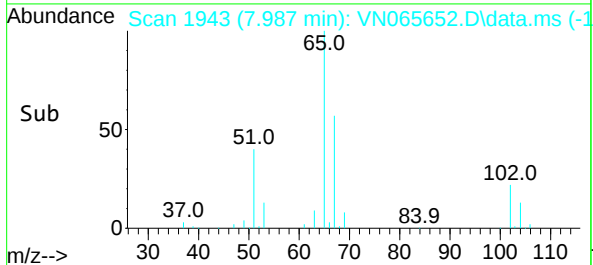
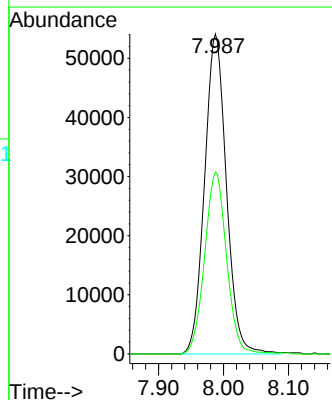
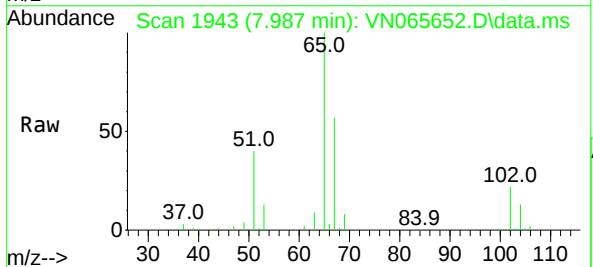


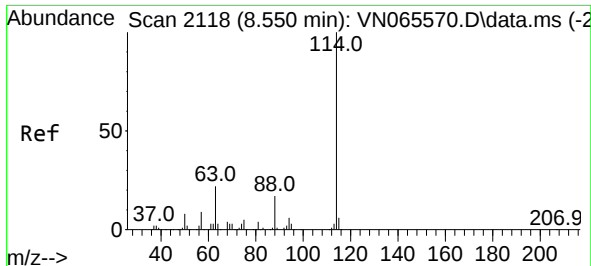
Tgt Ion: 56 Resp: 4011
Ion Ratio Lower Upper
56 100
69 190.1 26.6 39.8#
84 184.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.86 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

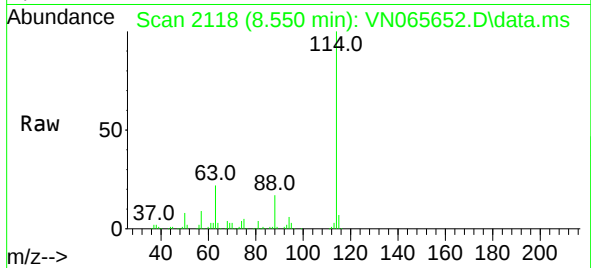
Tgt Ion: 65 Resp: 126436
Ion Ratio Lower Upper
65 100
67 57.1 0.0 107.2



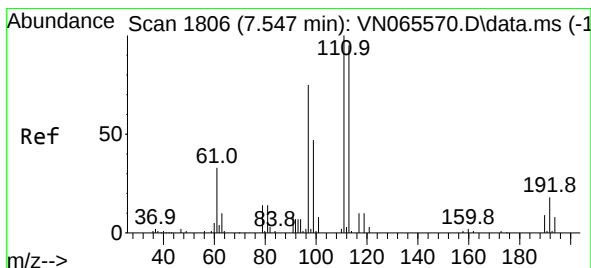
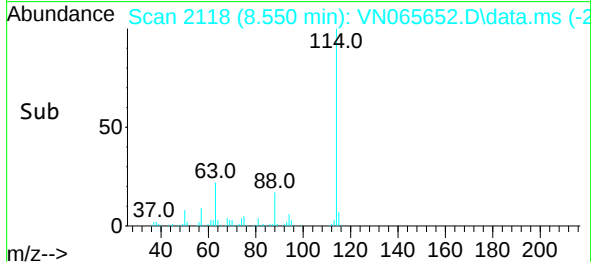
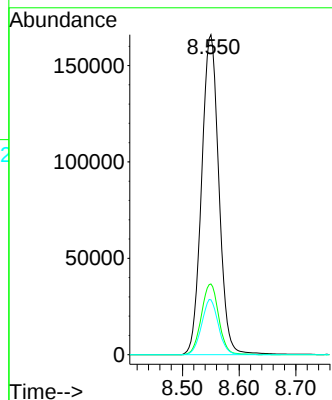


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Instrument :
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PB134373ZHE#15

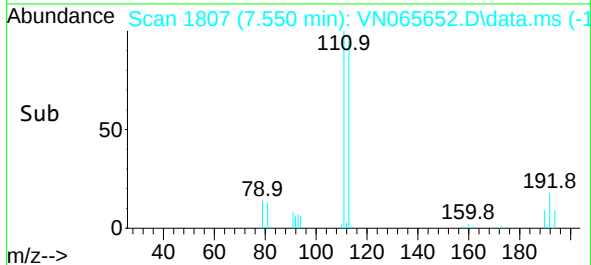
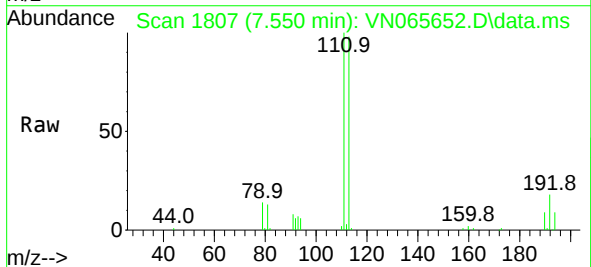
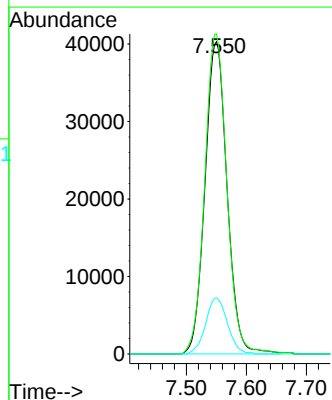


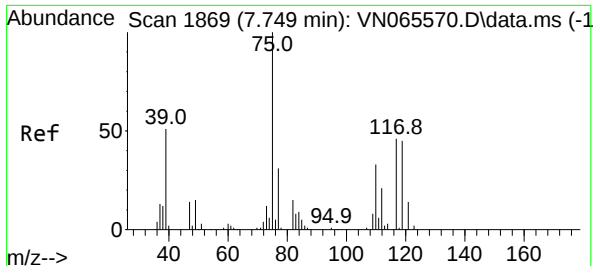
Tgt Ion:	114	Resp:	350555
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	38.6
88	17.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Tgt Ion:	113	Resp:	103073
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.2
192	17.8	15.4	23.0

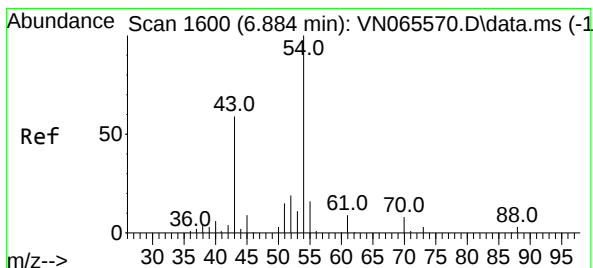
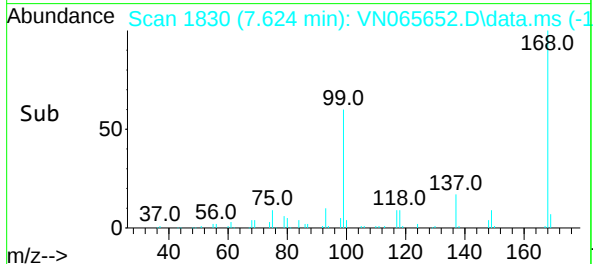
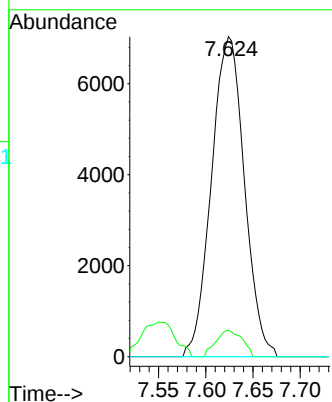
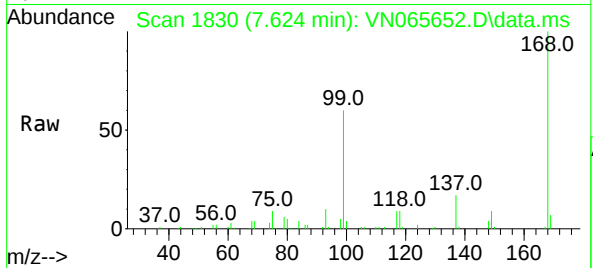




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

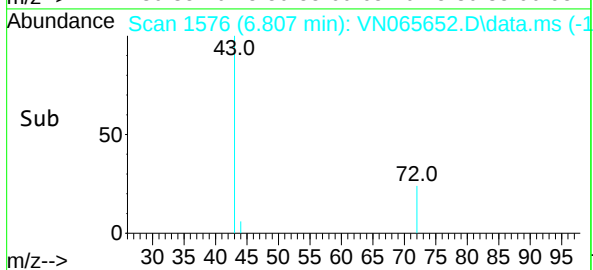
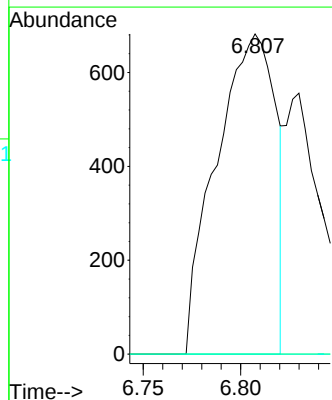
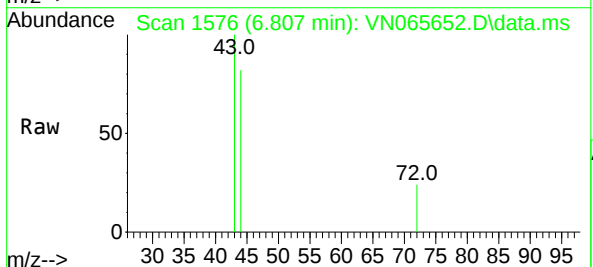
Instrument :
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PB134373ZHE#15

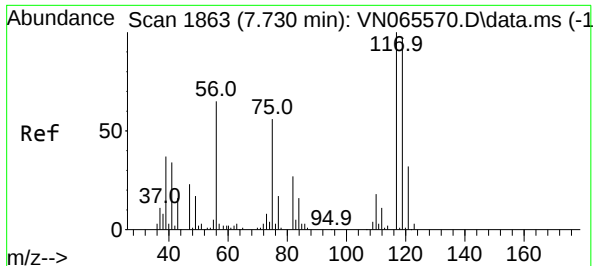
Tgt Ion: 75 Resp: 17049
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.43 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. -0.077 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

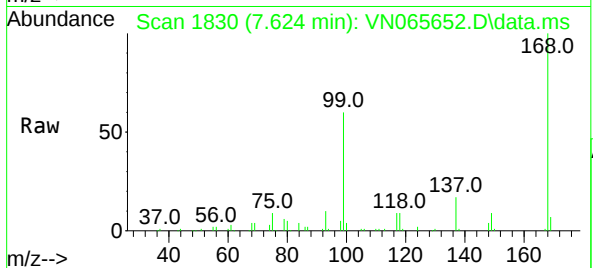
Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



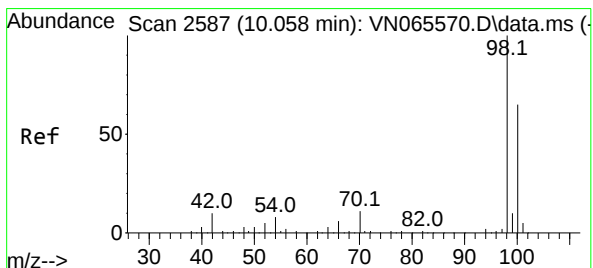
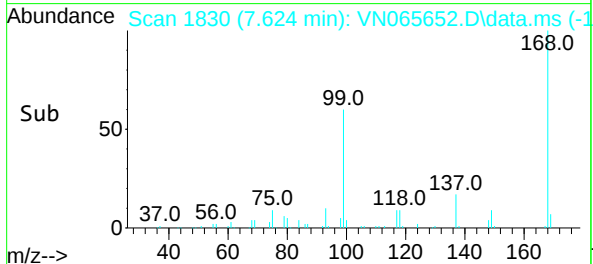
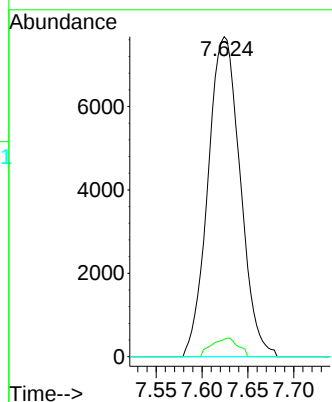


#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

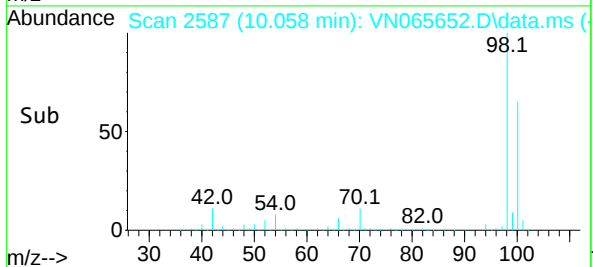
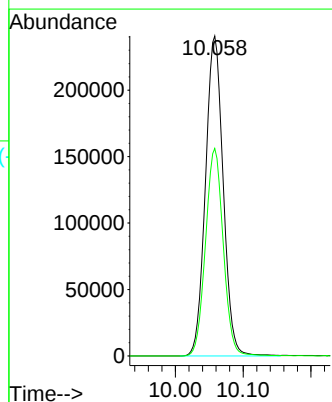
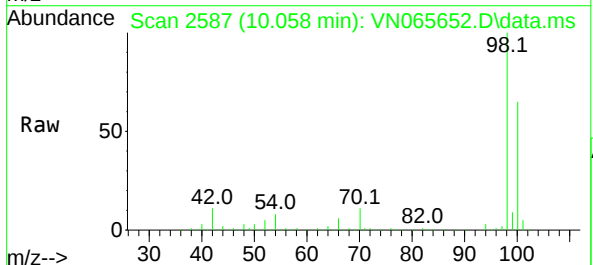


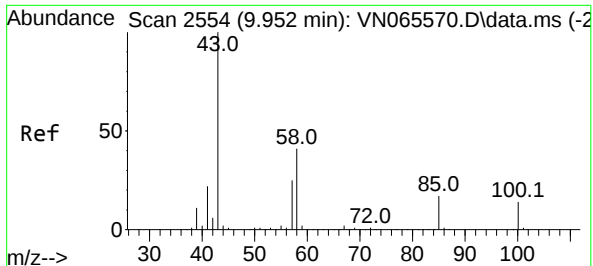
Tgt Ion:117 Resp: 18780
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Tgt Ion: 98 Resp: 436858
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

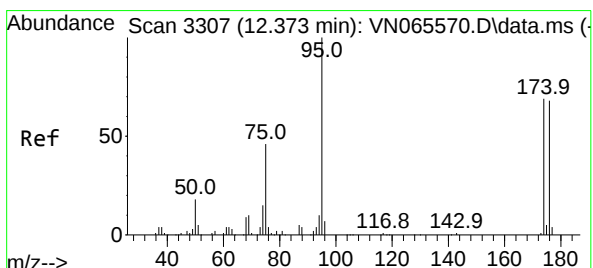
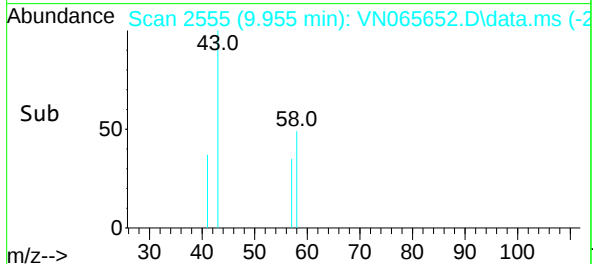
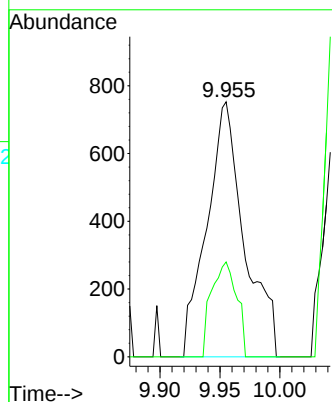
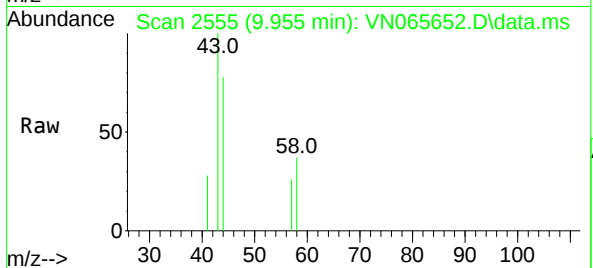




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

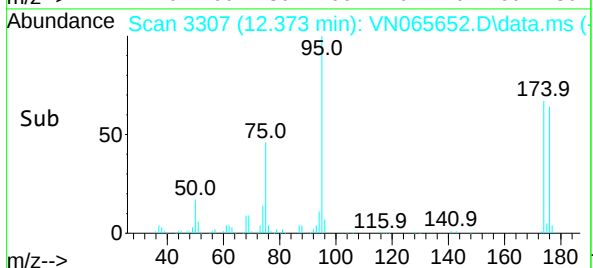
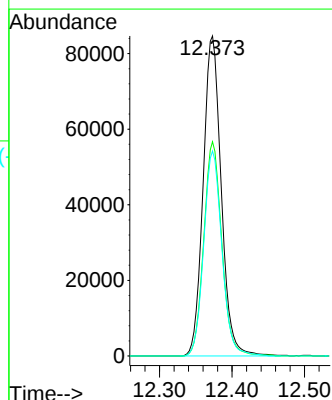
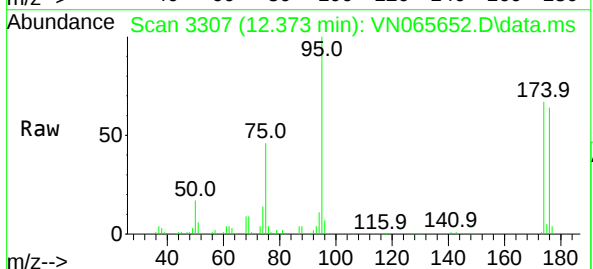
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

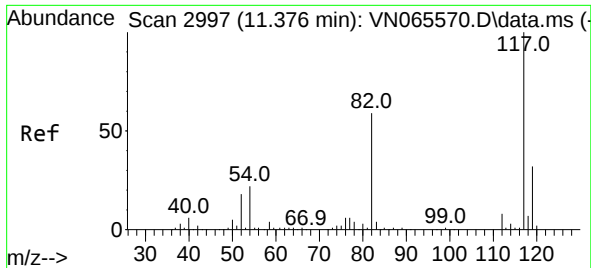
Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 25.0 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Tgt Ion: 95 Resp: 146645
Ion Ratio Lower Upper
95 100
174 67.0 0.0 169.0
176 64.3 0.0 162.4

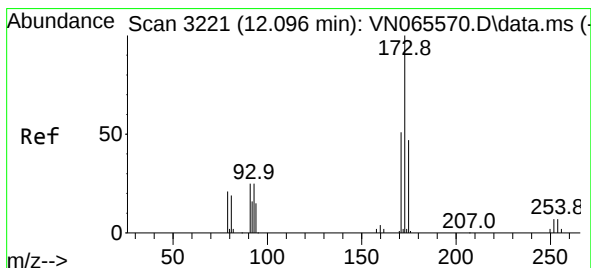
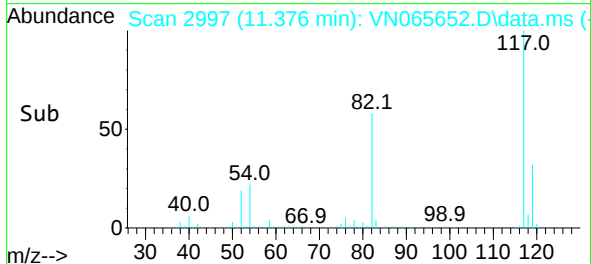
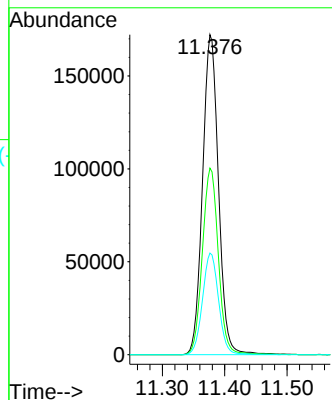
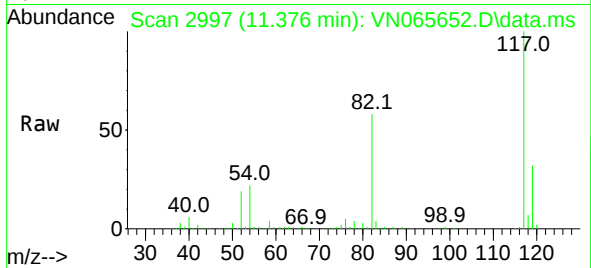




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

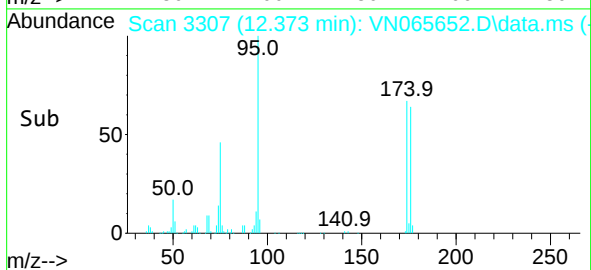
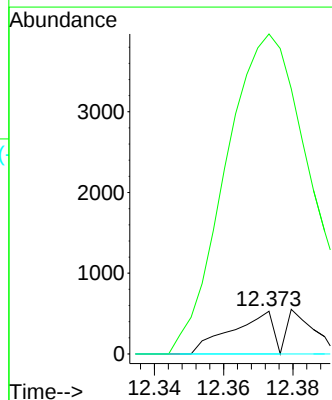
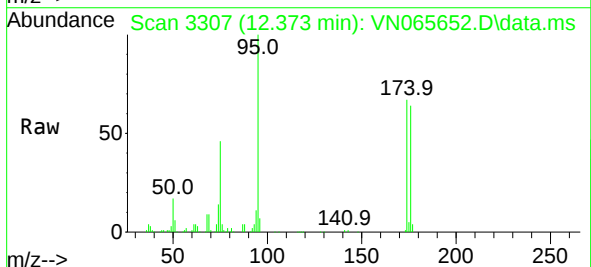
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#15

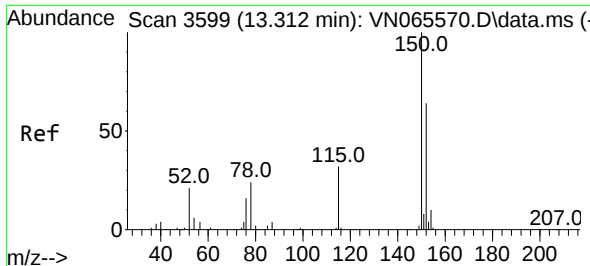
Tgt Ion:117 Resp: 306218
Ion Ratio Lower Upper
117 100
82 58.3 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065652.D
Acq: 28 Jan 2021 16:16

Tgt Ion:173 Resp: 439
Ion Ratio Lower Upper
173 100
175 1287.0 23.8 71.2#
254 0.0 0.0 0.0

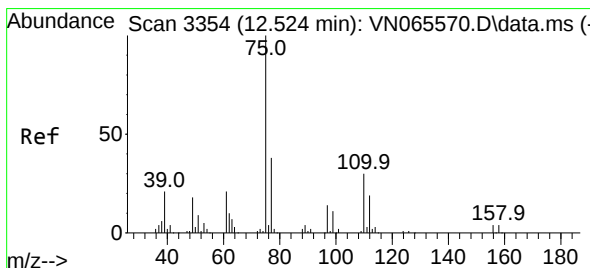
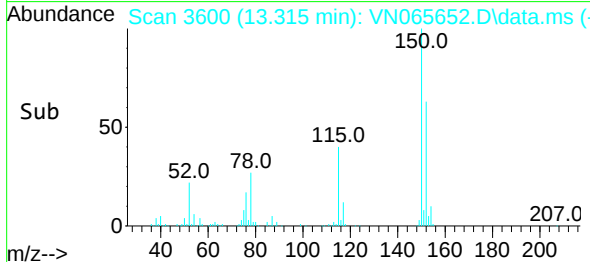
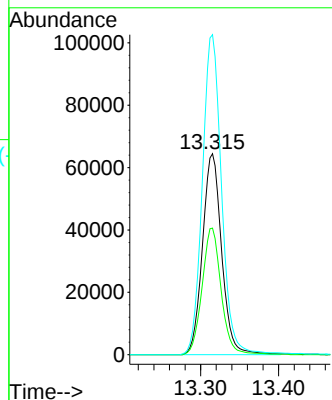
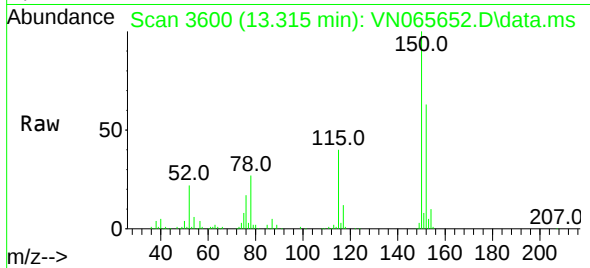




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065652.D
 Acq: 28 Jan 2021 16:16

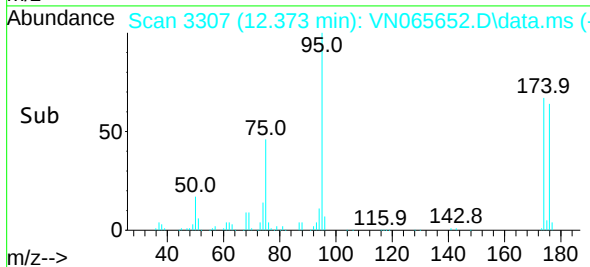
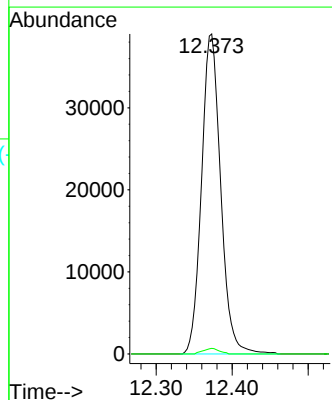
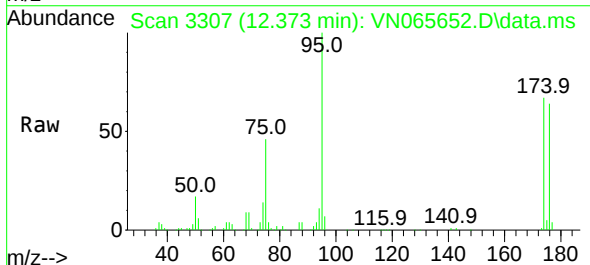
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#15

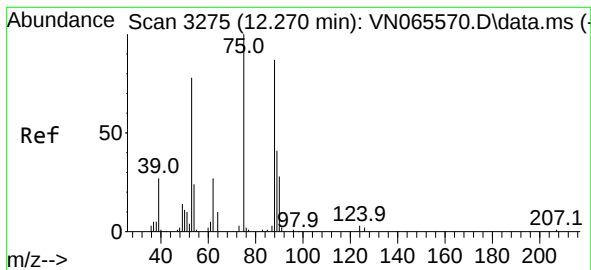
Tgt Ion:152 Resp: 110702
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.5 85.6
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.58 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065652.D
 Acq: 28 Jan 2021 16:16

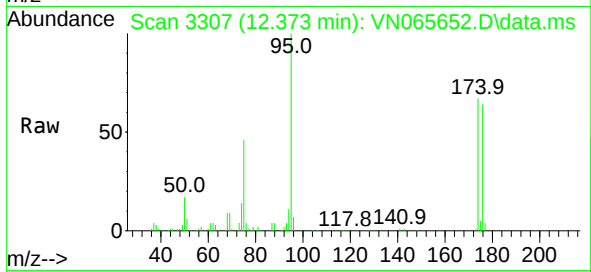
Tgt Ion: 75 Resp: 68262
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.40 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065652.D
 Acq: 28 Jan 2021 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#15



Tgt Ion:	75	Resp:	68262
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

