

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067852.D
 Acq On : 21 Jul 2021 20:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 22 02:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

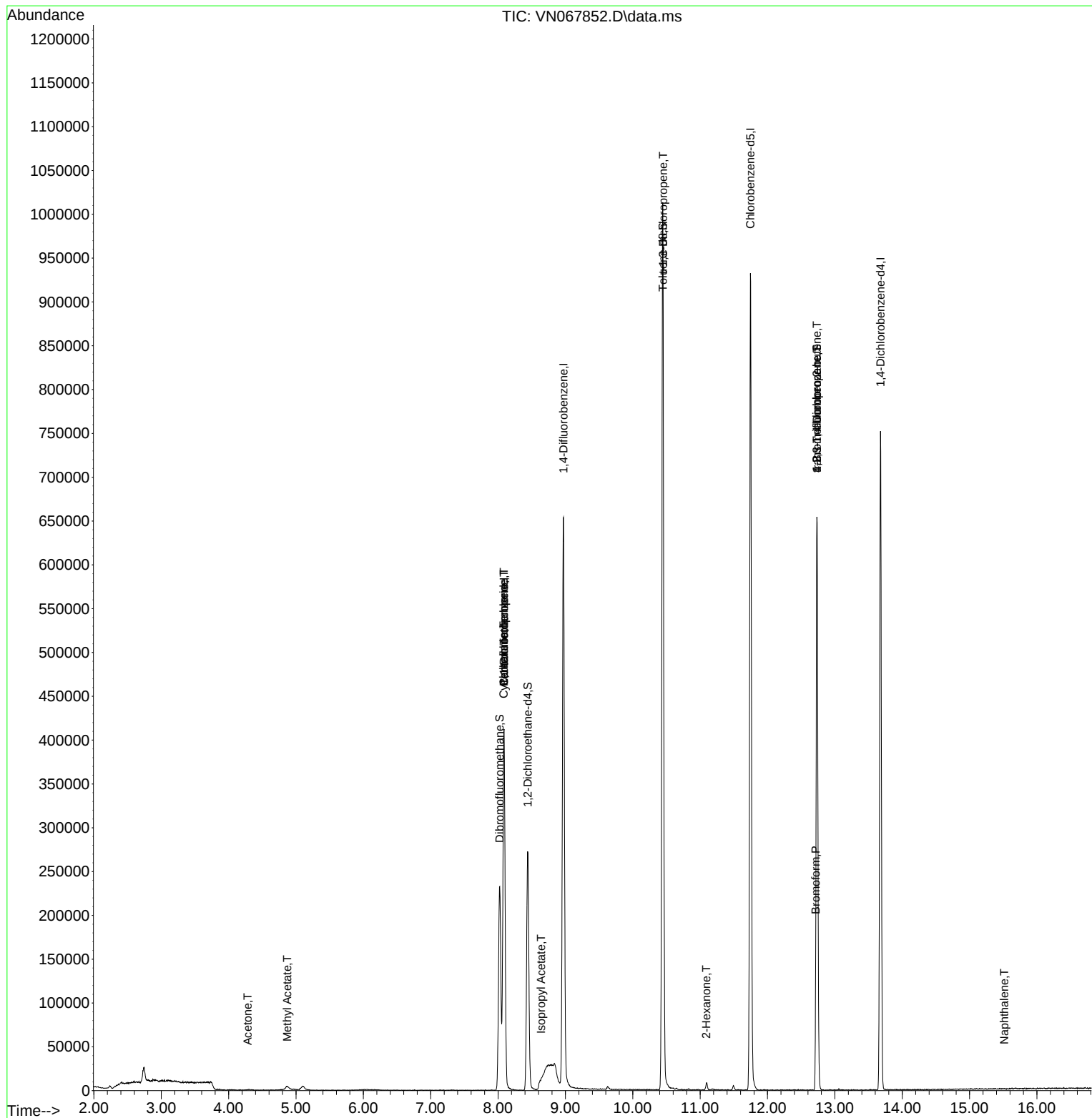
Internal Standards						
1) Pentafluorobenzene	8.086	168	298104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	532844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	189153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233148	51.750	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.500%			
35) Dibromofluoromethane	8.021	113	172459	49.673	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.340%			
50) Toluene-d8	10.446	98	709777	48.841	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.734	95	232373	45.265	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.520%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.872	94	554	Below Cal		88
6) Chloroethane	3.245	64	25	Below Cal	#	44
13) Acrolein	4.047	56	163	Below Cal	#	67
16) Acetone	4.283	43	426	0.301 ug/l	#	48
18) Methyl Acetate	4.870	43	7884	1.980 ug/l	#	88
20) Methylene Chloride	5.095	84	2211	Below Cal	#	67
31) Cyclohexane	8.083	56	7873	1.246 ug/l	#	30
36) 1,1-Dichloropropene	8.088	75	26190	4.906 ug/l	#	52
38) Carbon Tetrachloride	8.086	117	33163	6.298 ug/l	#	17
43) Isopropyl Acetate	8.641	43	10866	1.194 ug/l	#	58
53) t-1,3-Dichloropropene	10.451	75	52	1.752 ug/l	#	1
59) 2-Hexanone	11.092	43	1903	0.488 ug/l	#	43
71) Bromoform	12.715	173	107	3.205 ug/l	#	29
76) 1,2,3-Trichloropropane	12.734	75	131342	34.001 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.734	75	131342	109.624 ug/l	#	6
95) Naphthalene	15.515	128	93	3.022 ug/l	#	69

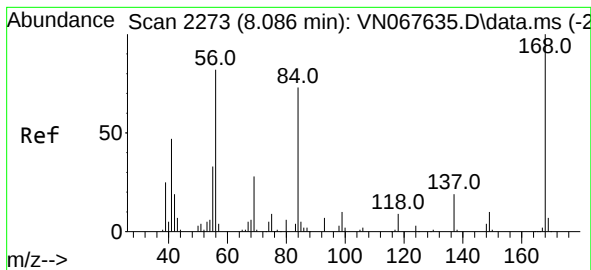
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN067852.D

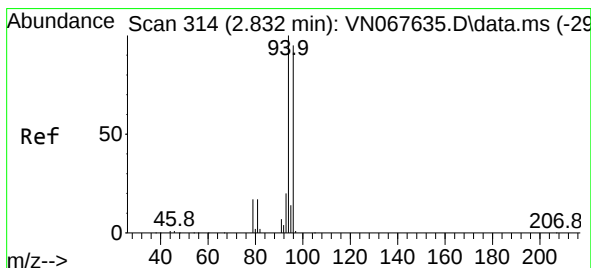
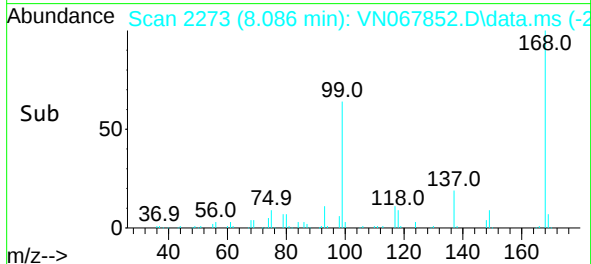
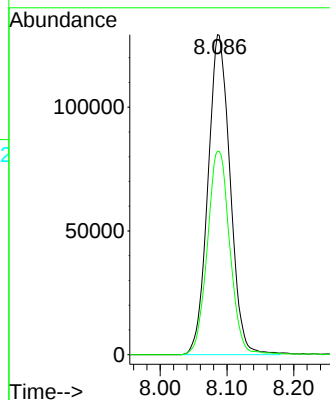
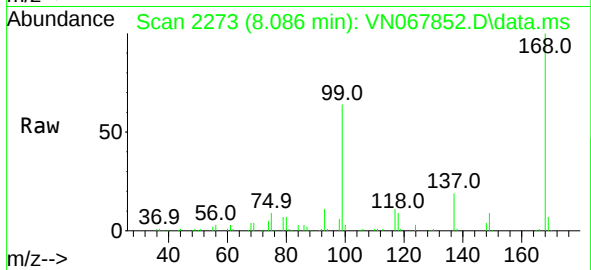
Acq: 21 Jul 2021 20:44

Tgt Ion:168 Resp: 298104

Ion Ratio Lower Upper

168 100

99 63.6 62.9 94.3



#5

Bromomethane

Concen: Below Cal

RT: 2.872 min Scan# 329

Delta R.T. 0.040 min

Lab File: VN067852.D

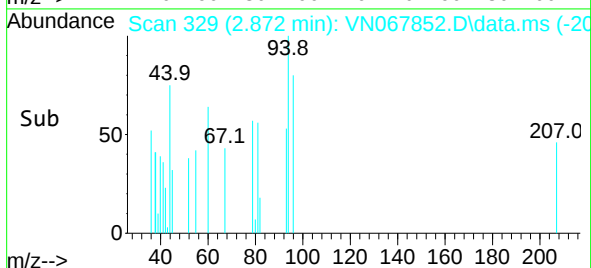
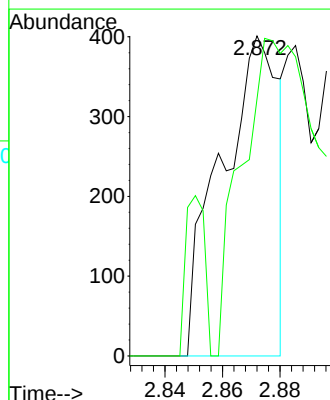
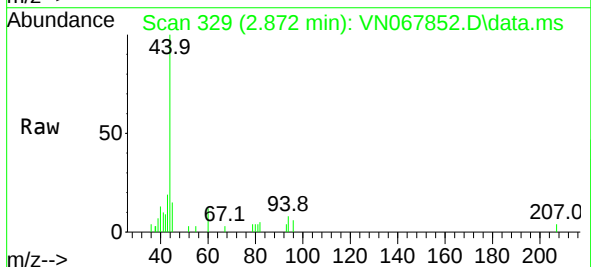
Acq: 21 Jul 2021 20:44

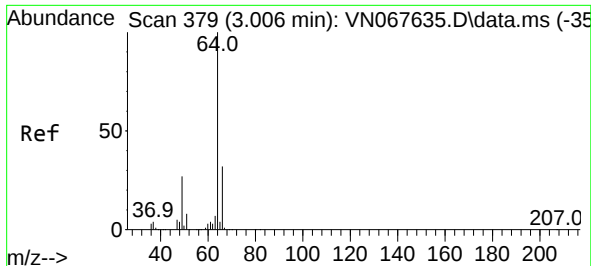
Tgt Ion: 94 Resp: 554

Ion Ratio Lower Upper

94 100

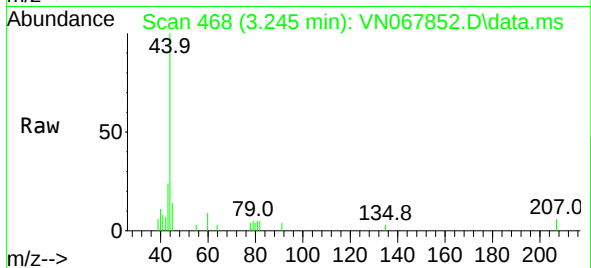
96 80.3 73.7 110.5



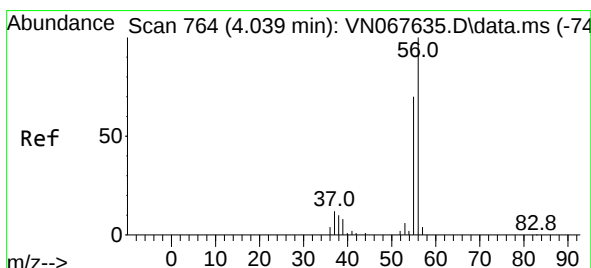
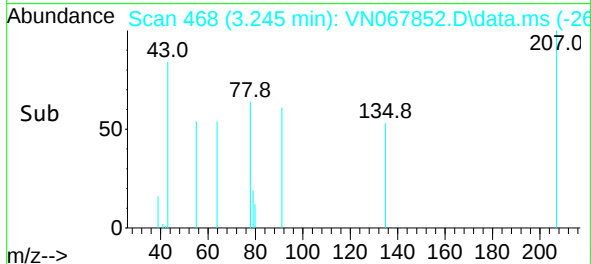
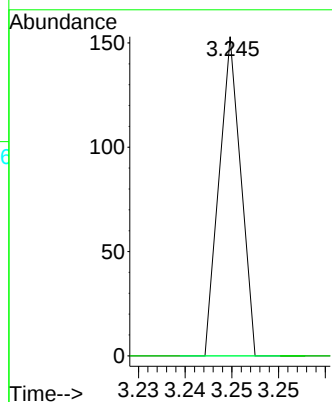


#6
Chloroethane
Concen: Below Cal
RT: 3.245 min Scan# 468
Delta R.T. 0.239 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :

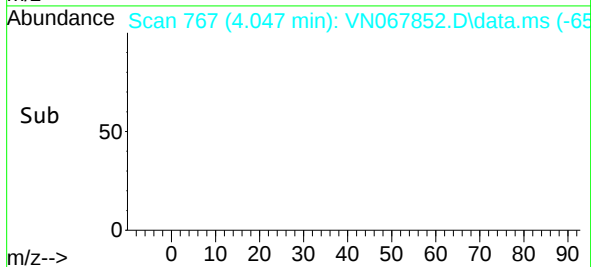
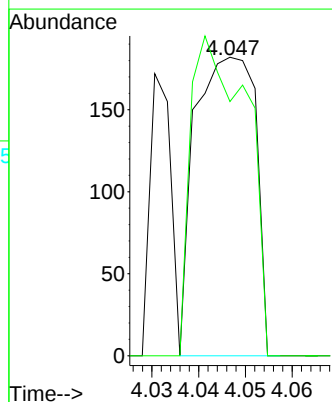
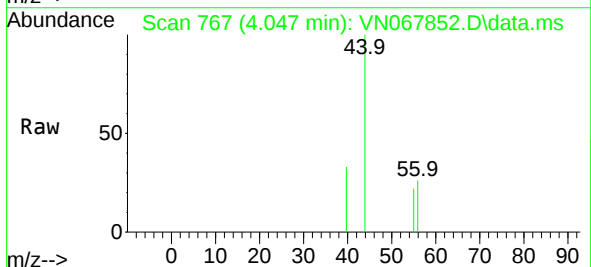


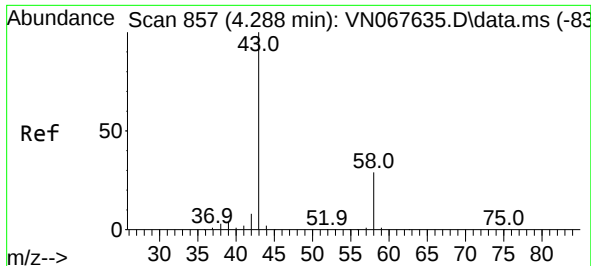
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 99.4 57.4 86.0#

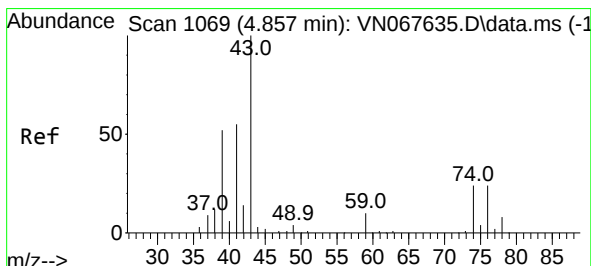
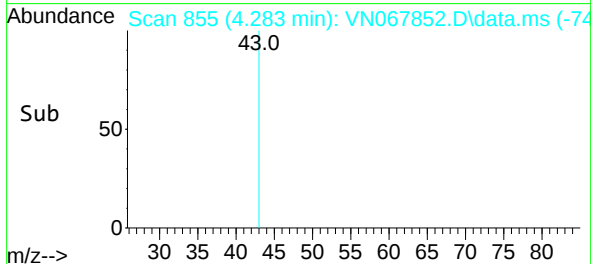
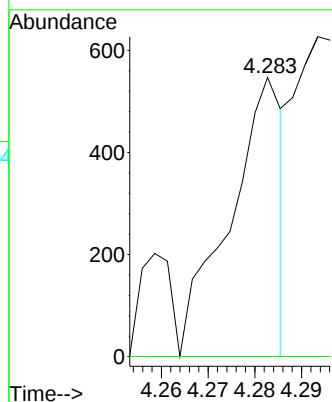
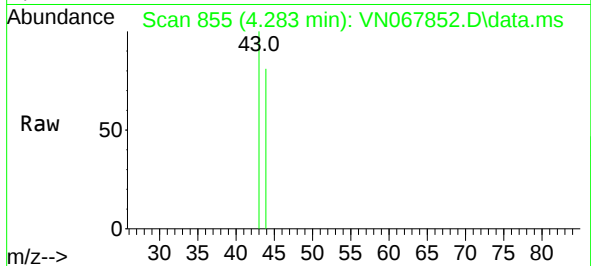




#16
Acetone
Concen: 0.301 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

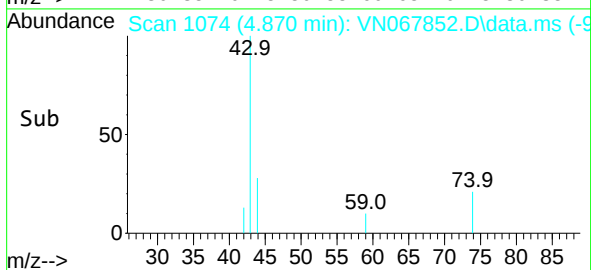
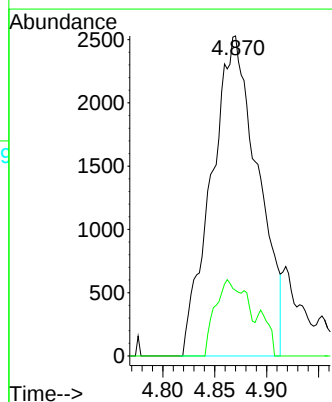
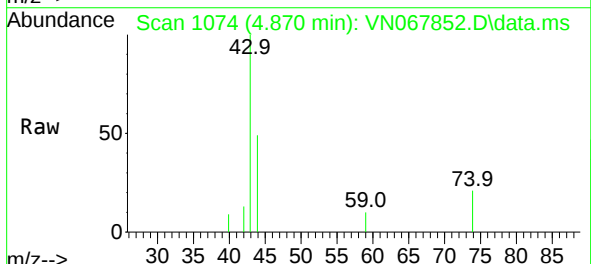
Instrument :
MSVOA_N
ClientSampled :

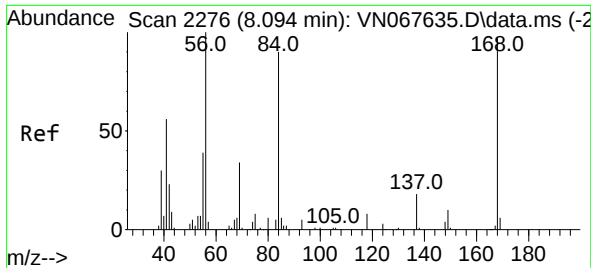
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: 1.980 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 43 Resp: 7884
Ion Ratio Lower Upper
43 100
74 16.2 17.4 26.0#

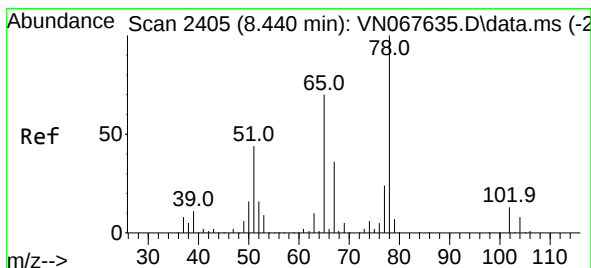
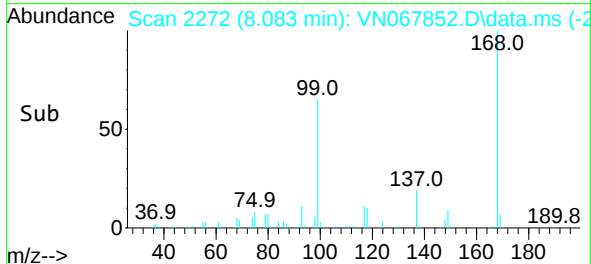
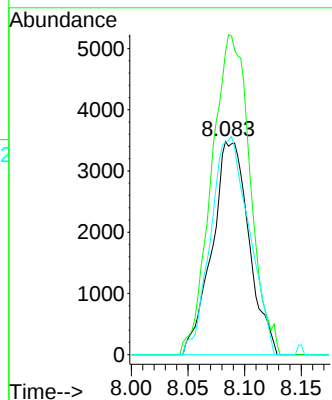
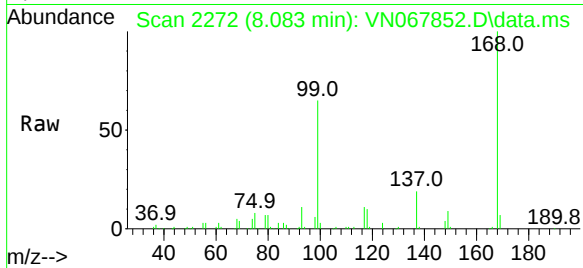




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

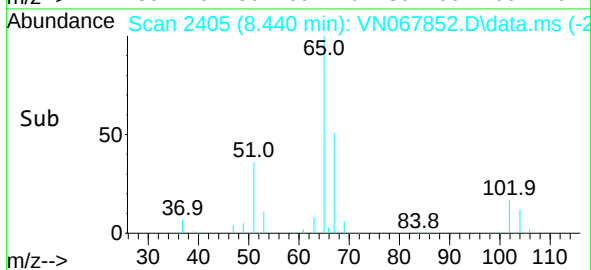
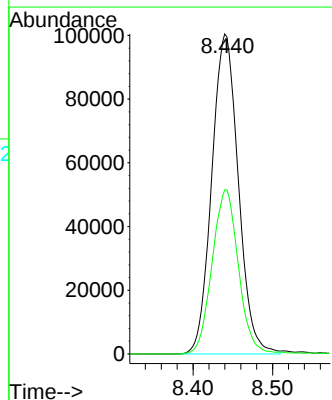
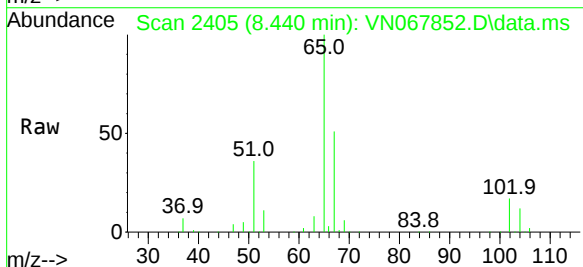
Instrument :
MSVOA_N
ClientSampleId :

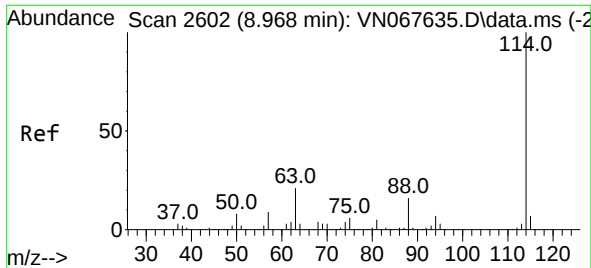
Tgt Ion: 56 Resp: 7873
Ion Ratio Lower Upper
56 100
69 141.8 27.3 40.9#
84 99.7 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.750 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 65 Resp: 233148
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

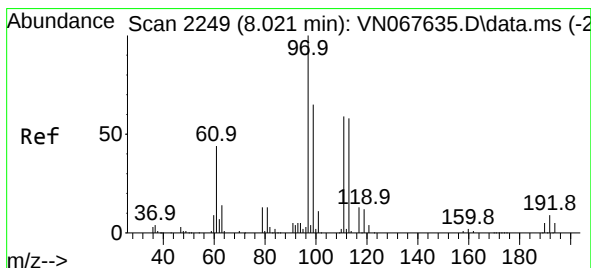
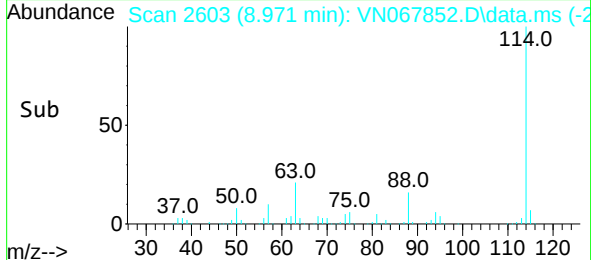
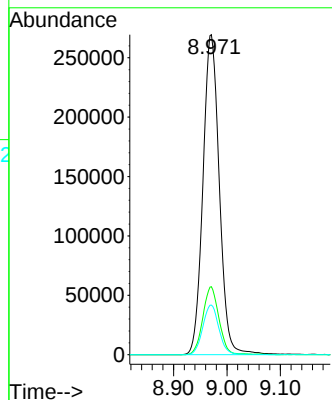
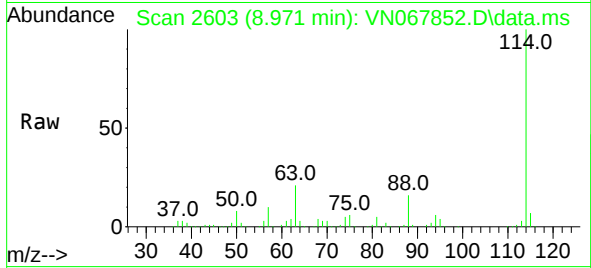




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

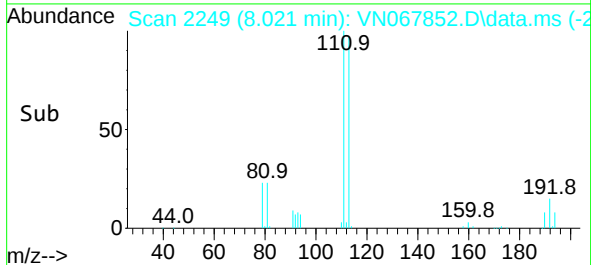
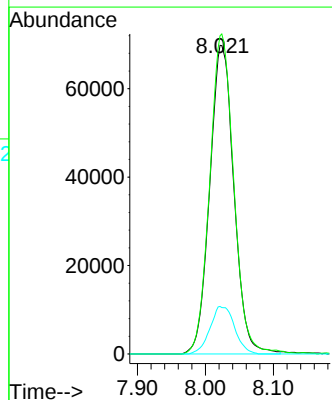
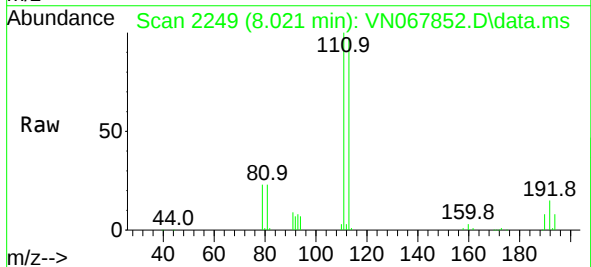
Instrument :
MSVOA_N
ClientSampleId :

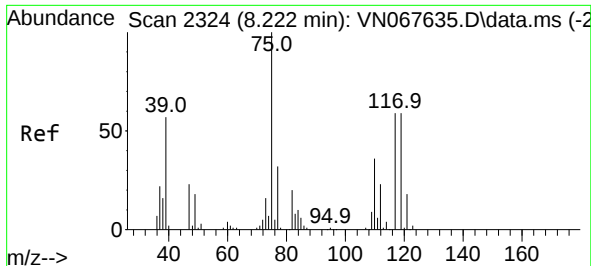
Tgt Ion:114 Resp: 574645
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion:113 Resp: 172459
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 15.7 13.4 20.0

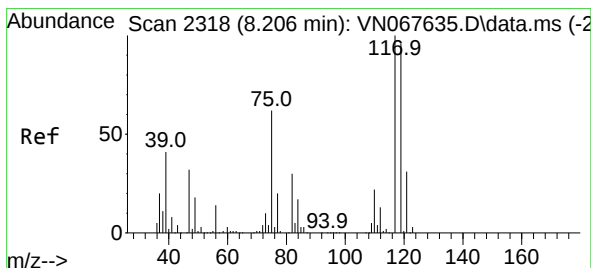
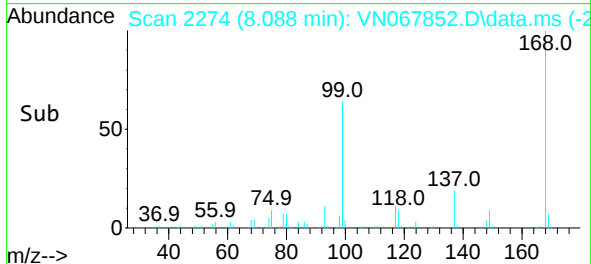
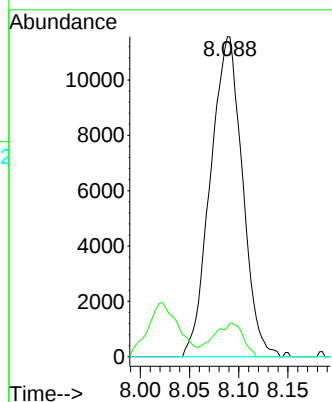
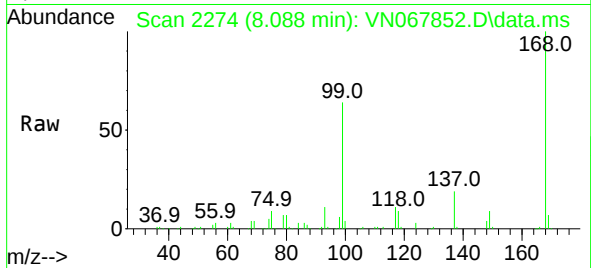




#36
 1,1-Dichloropropene
 Concen: 4.906 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN067852.D
 Acq: 21 Jul 2021 20:44

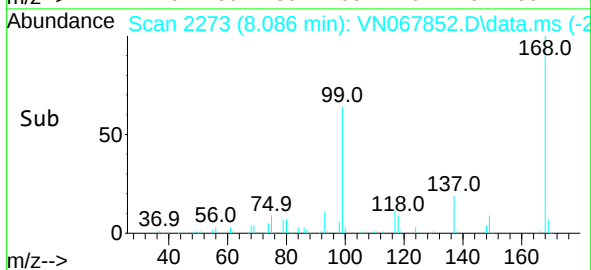
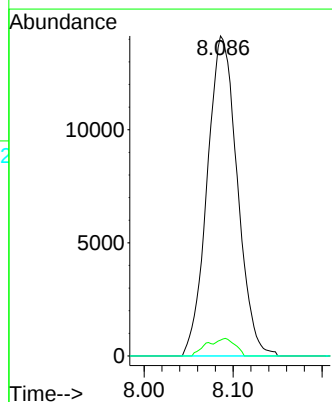
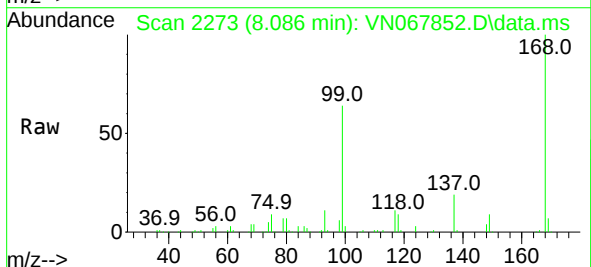
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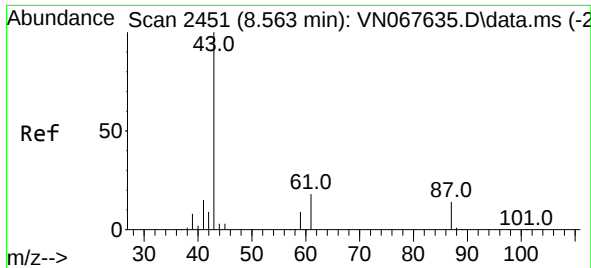
Tgt Ion: 75 Resp: 26190
 Ion Ratio Lower Upper
 75 100
 110 9.8 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.298 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN067852.D
 Acq: 21 Jul 2021 20:44

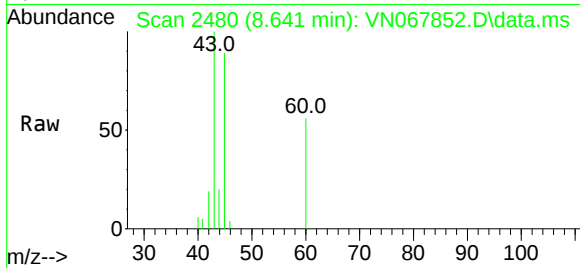
Tgt Ion: 117 Resp: 33163
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.4 113.2#
 121 0.0 23.5 35.3#



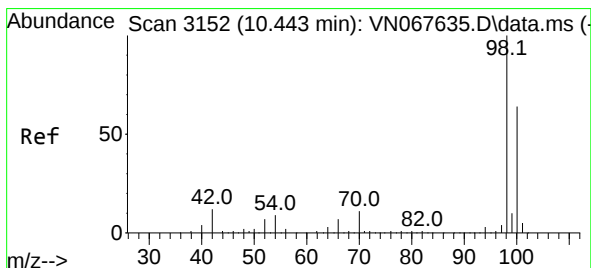
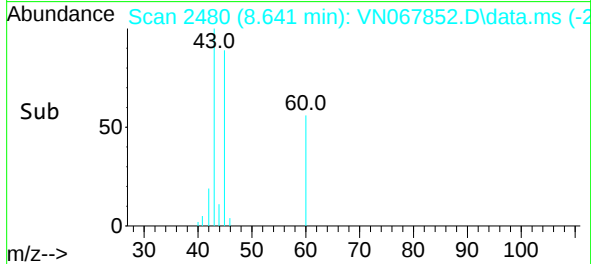
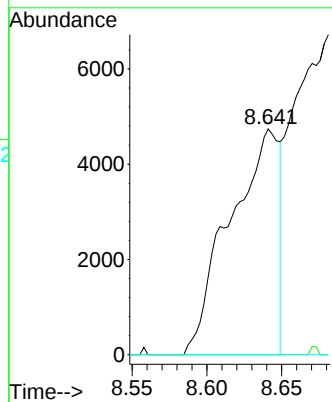


#43
Isopropyl Acetate
Concen: 1.194 ug/l
RT: 8.641 min Scan# 2480
Delta R.T. 0.078 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :

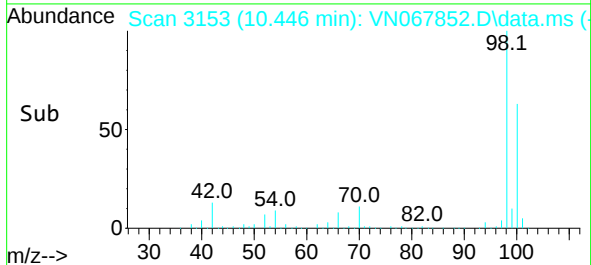
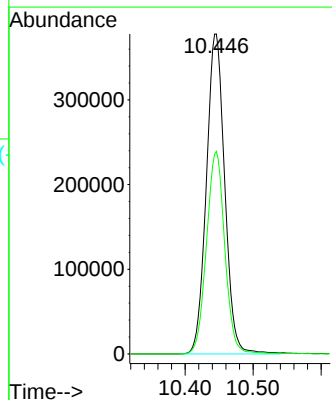
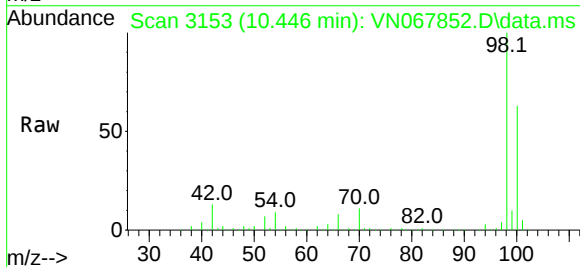


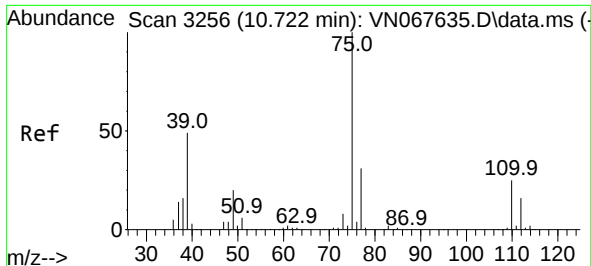
Tgt Ion: 43 Resp: 10866
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 48.841 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 98 Resp: 709777
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

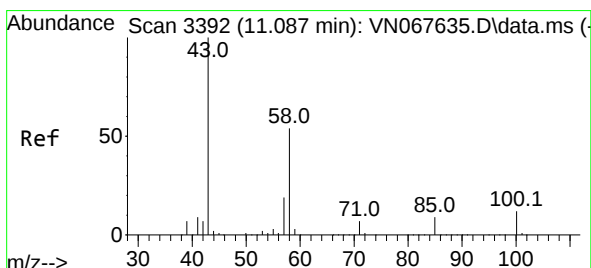
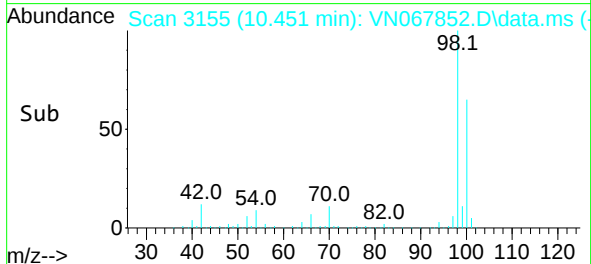
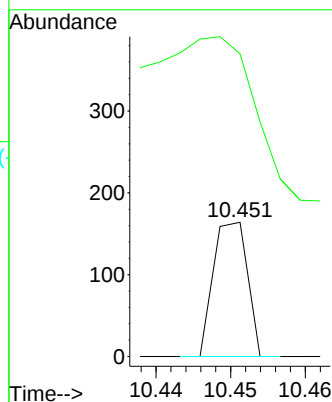
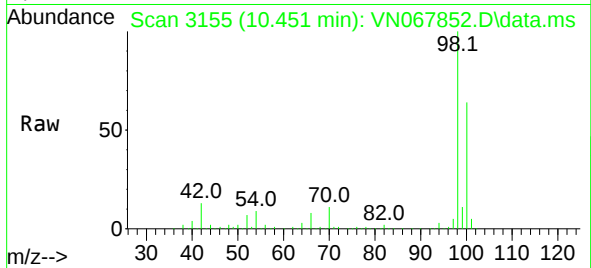




#53
t-1,3-Dichloropropene
Concen: 1.752 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.271 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

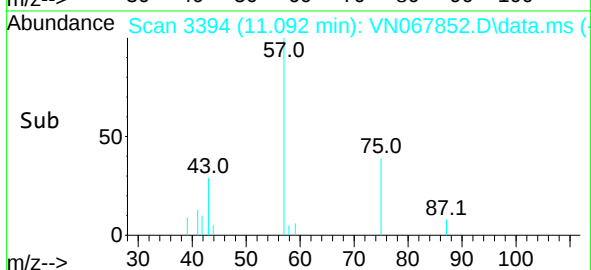
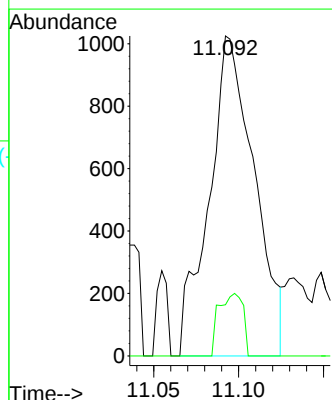
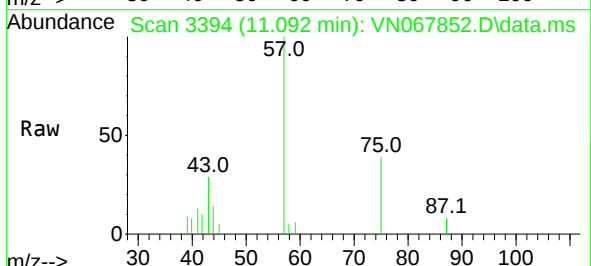
Instrument :
MSVOA_N
ClientSampled :

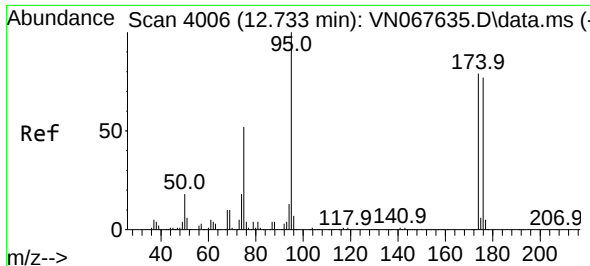
Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
77 93.3 25.1 37.7#



#59
2-Hexanone
Concen: 0.488 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
58 10.4 24.7 74.1#

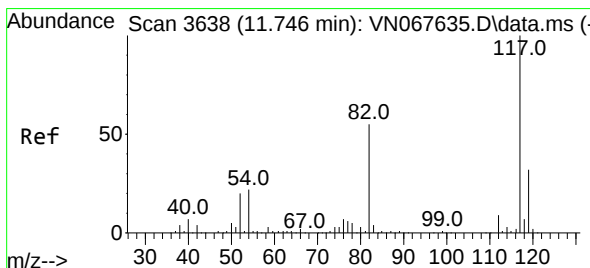
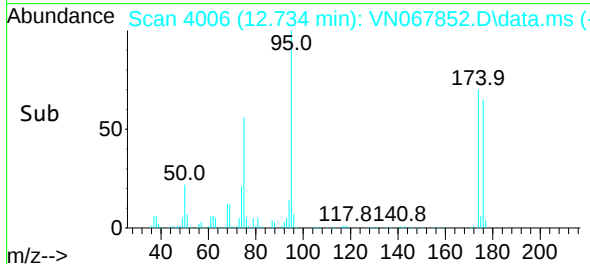
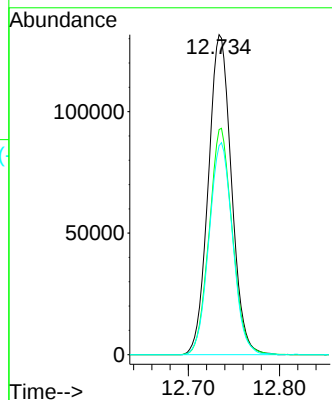
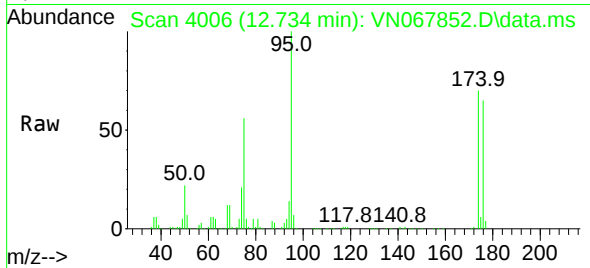




#62
4-Bromofluorobenzene
Concen: 45.265 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

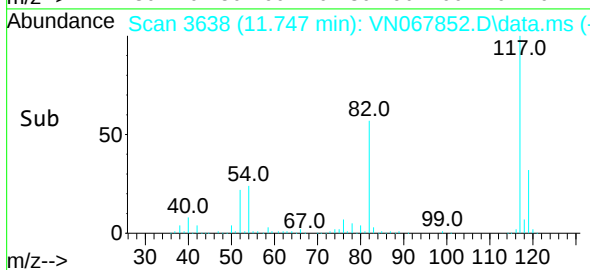
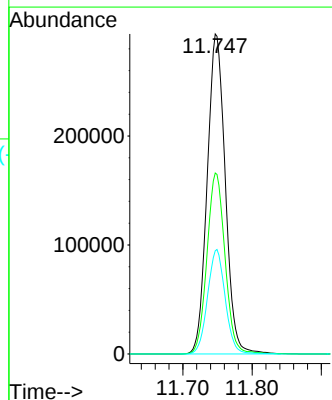
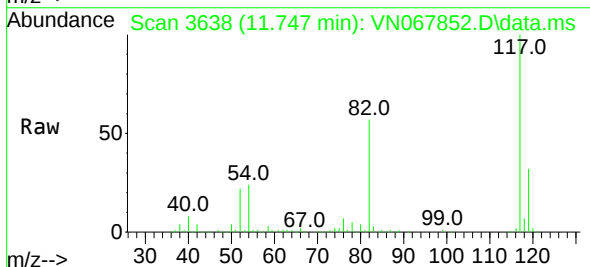
Instrument :
MSVOA_N
ClientSampleId :

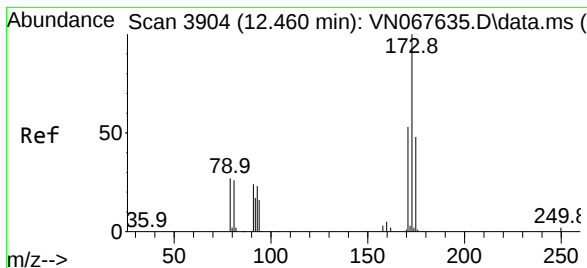
Tgt Ion: 95 Resp: 232373
Ion Ratio Lower Upper
95 100
174 71.1 0.0 122.0
176 67.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion: 117 Resp: 532844
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 32.2 25.5 38.3

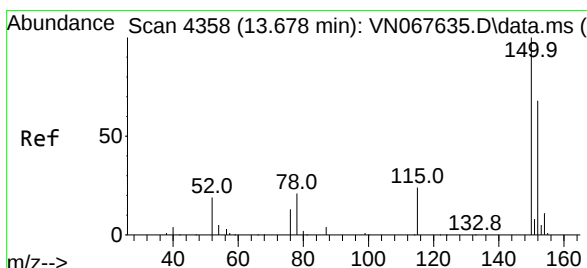
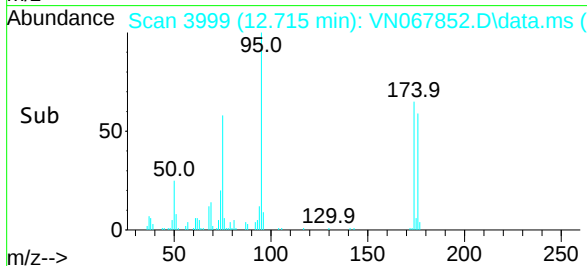
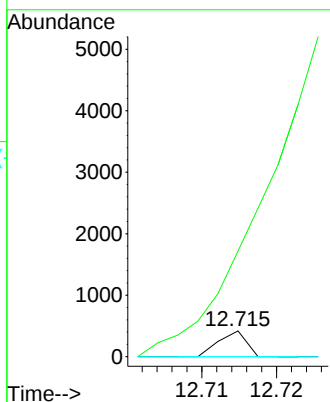
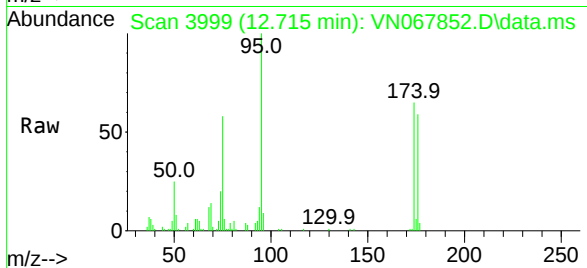




#71
Bromoform
Concen: 3.205 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

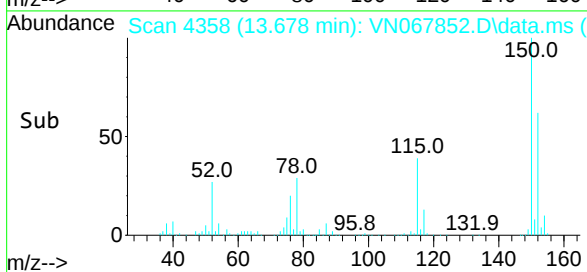
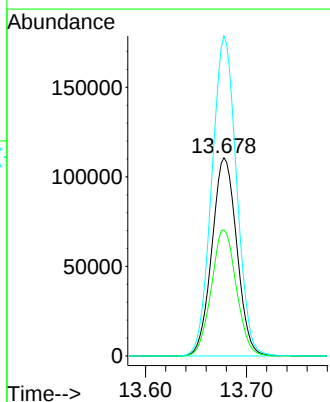
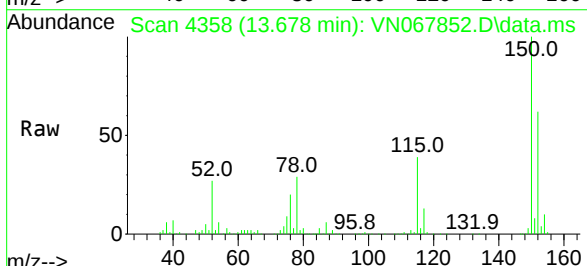
Instrument :
MSVOA_N
ClientSampleId :

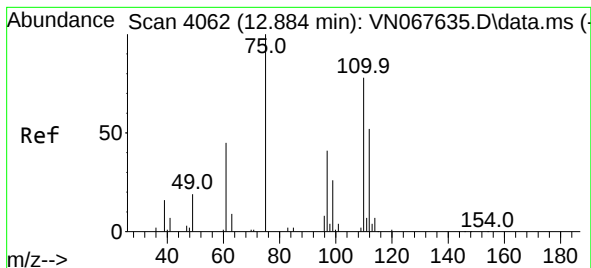
Tgt Ion:173 Resp: 107
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Tgt Ion:152 Resp: 189153
Ion Ratio Lower Upper
152 100
115 64.0 36.1 108.5
150 160.5 0.0 351.8

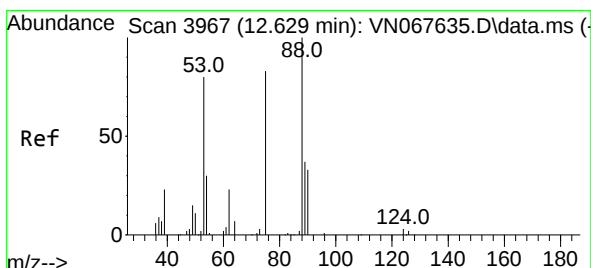
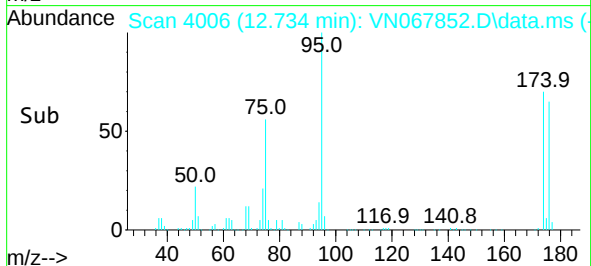
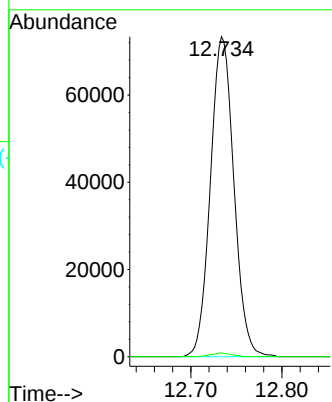
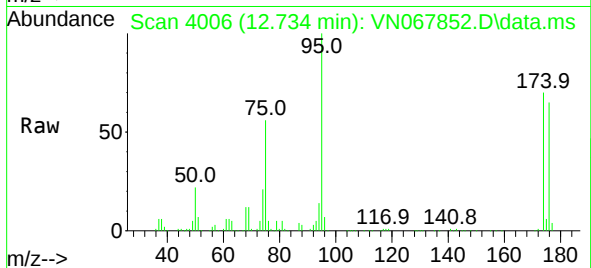




#76
1,2,3-Trichloropropane
Concen: 34.001 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

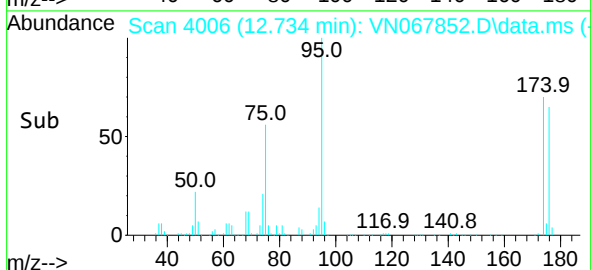
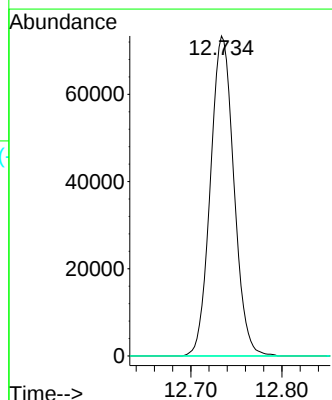
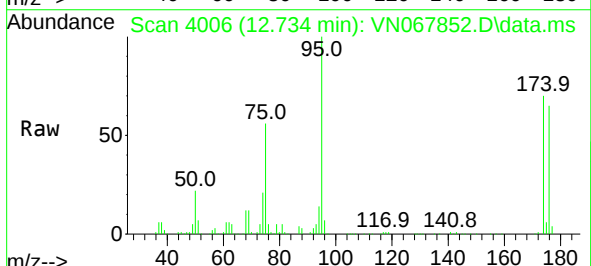
Instrument :
MSVOA_N
ClientSampled :

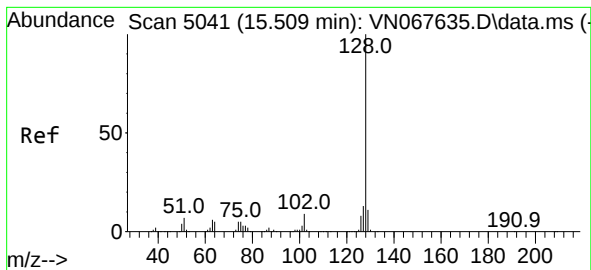
Tgt Ion: 75 Resp: 131342
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.624 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

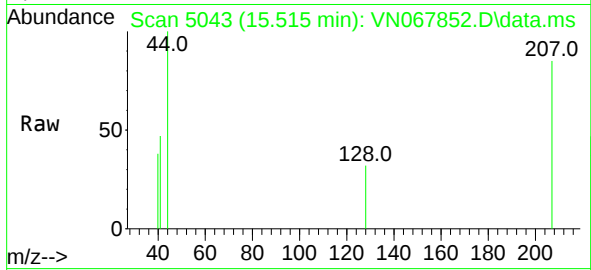
Tgt Ion: 75 Resp: 131342
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.022 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067852.D
Acq: 21 Jul 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

