

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067967.D
 Acq On : 29 Jul 2021 16:28
 Operator : JC/MD
 Sample : VN0729WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 30 04:43:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

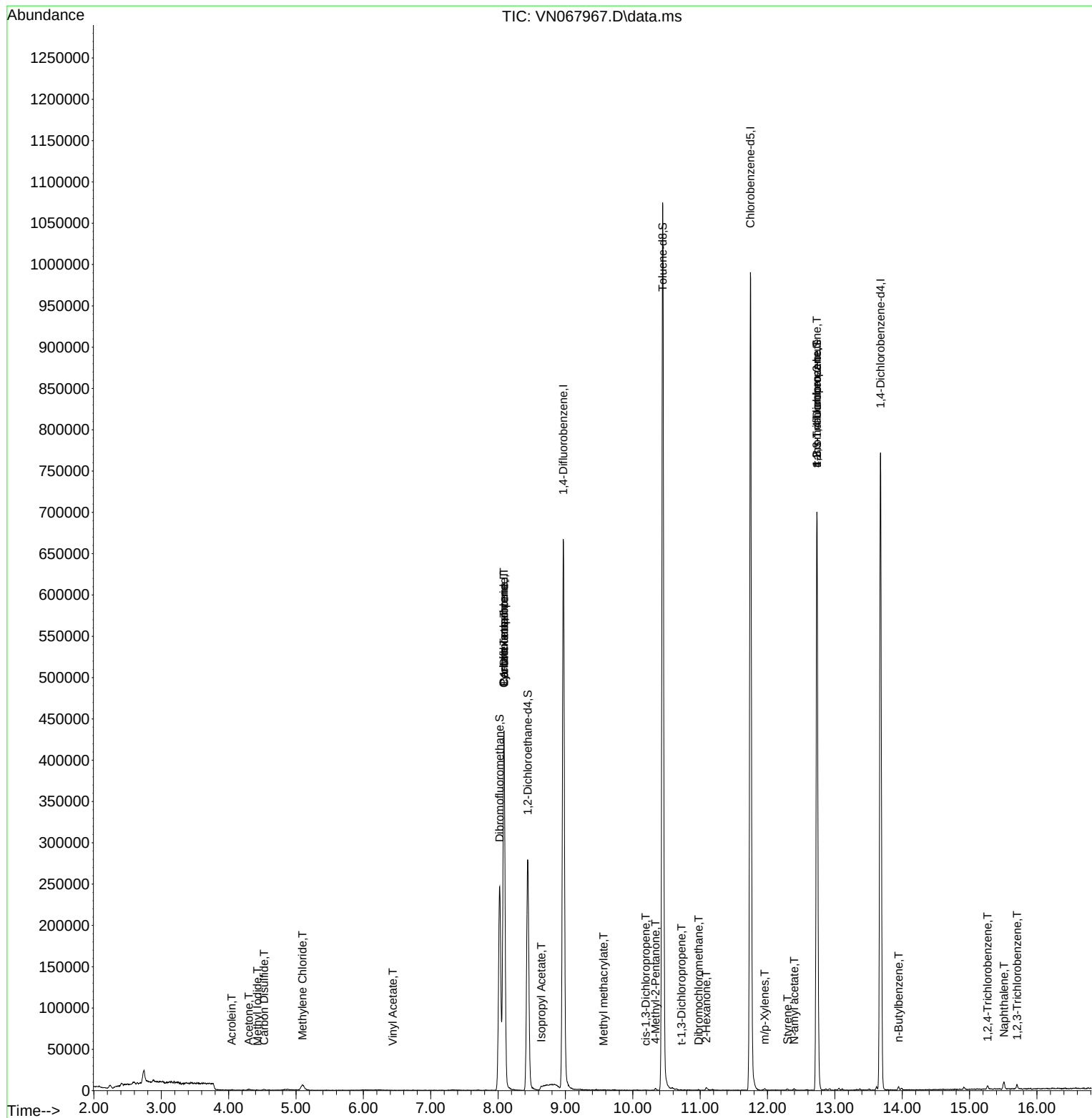
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

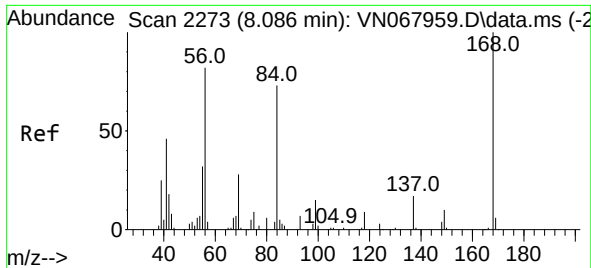
Internal Standards						
1) Pentafluorobenzene	8.088	168	310521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	596205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	564822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	205334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	241817	55.009	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.020%			
35) Dibromofluoromethane	8.024	113	182864	52.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.260%			
50) Toluene-d8	10.443	98	756242	47.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.760%			
62) 4-Bromofluorobenzene	12.734	95	244940	42.554	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.100%			
Target Compounds						Qvalue
10) Methyl Iodide	4.425	142	351	3.200	ug/l #	33
13) Acrolein	4.044	56	257	0.643	ug/l #	79
16) Acetone	4.299	43	1111	0.693	ug/l #	48
17) Carbon Disulfide	4.527	76	1739	0.204	ug/l #	74
20) Methylene Chloride	5.095	84	3517	0.669	ug/l #	79
23) Vinyl Acetate	6.439	43	34	8.804	ug/l #	75
31) Cyclohexane	8.086	56	8774	1.353	ug/l #	28
36) 1,1-Dichloropropene	8.088	75	28514	5.170	ug/l #	51
38) Carbon Tetrachloride	8.088	117	34840	6.424	ug/l #	19
43) Isopropyl Acetate	8.644	43	2405	0.278	ug/l #	58
48) Methyl methacrylate	9.566	41	86	2.324	ug/l #	1
51) 4-Methyl-2-Pentanone	10.339	43	1561	12.802	ug/l	88
53) t-1,3-Dichloropropene	10.725	75	79	2.844	ug/l #	43
54) cis-1,3-Dichloropropene	10.194	75	58	2.362	ug/l #	27
59) 2-Hexanone	11.092	43	2869	13.893	ug/l	91
60) Dibromochloromethane	10.977	129	85	3.318	ug/l #	11
68) m/p-Xylenes	11.959	106	532	4.119	ug/l #	53
70) Styrene	12.299	104	345	2.654	ug/l #	64
74) N-amyl acetate	12.396	43	1166	0.200	ug/l #	78
76) 1,2,3-Trichloropropane	12.734	75	137854	33.430	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	137854	89.672	ug/l #	6
89) n-Butylbenzene	13.946	91	2678	0.249	ug/l	92
93) 1,2,4-Trichlorobenzene	15.268	180	1718	3.014	ug/l #	61
95) Naphthalene	15.512	128	7474	3.939	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.705	180	1983	3.036	ug/l	98

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

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Operator : JC/MD
Sample : VN0729WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

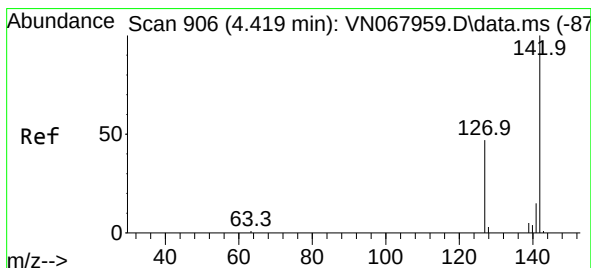
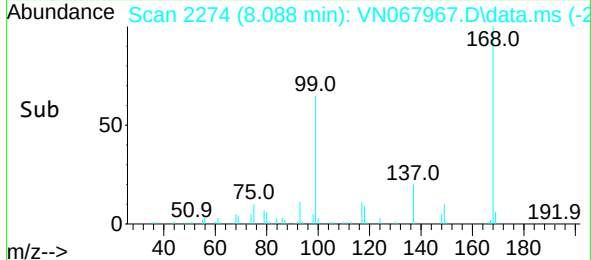
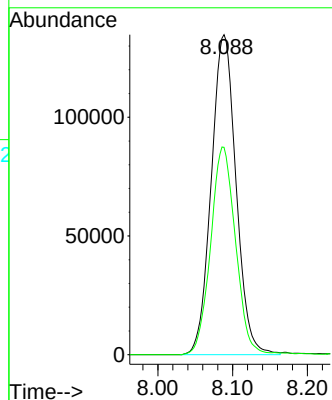
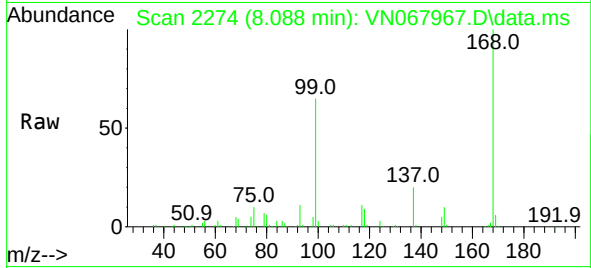
Quant Time: Jul 30 04:43:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration





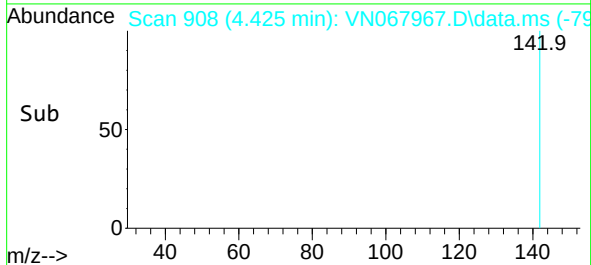
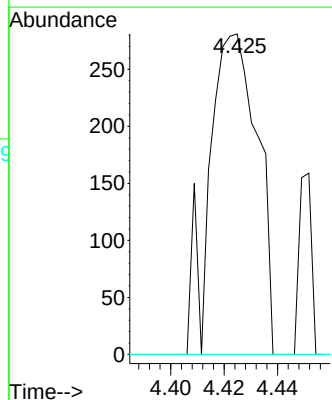
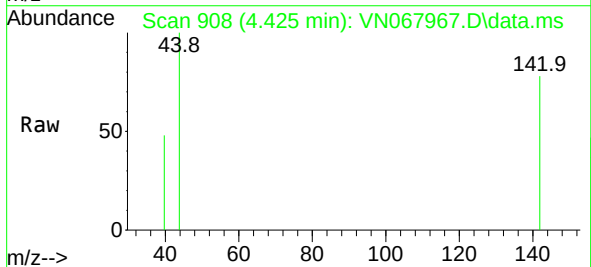
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

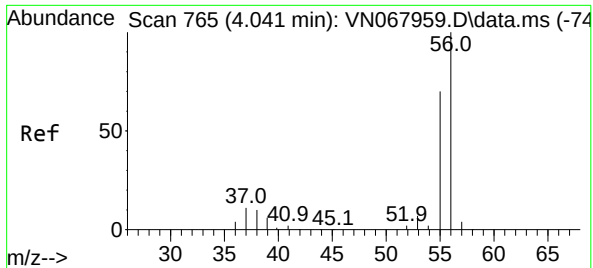
Tgt Ion:168 Resp: 310521
Ion Ratio Lower Upper
168 100
99 64.8 62.9 94.3



#10
Methyl Iodide
Concen: 3.200 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

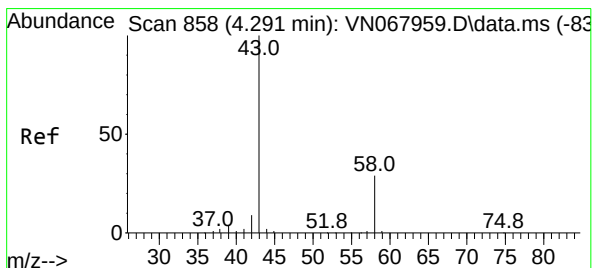
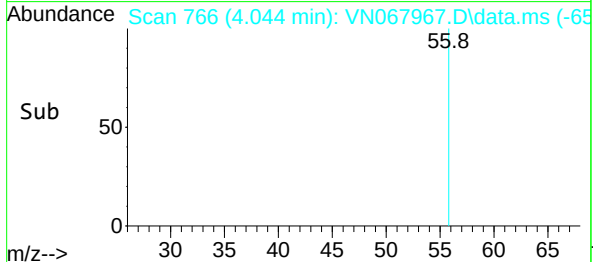
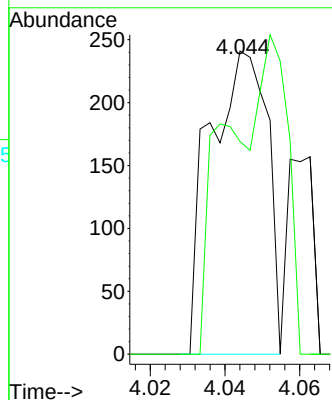
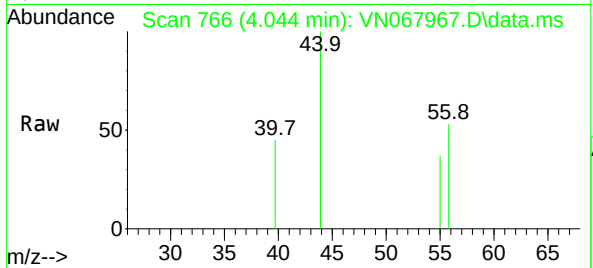
Tgt Ion:142 Resp: 351
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#





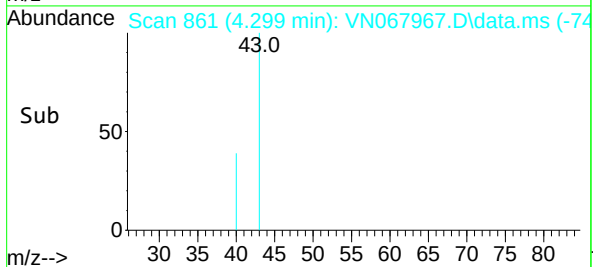
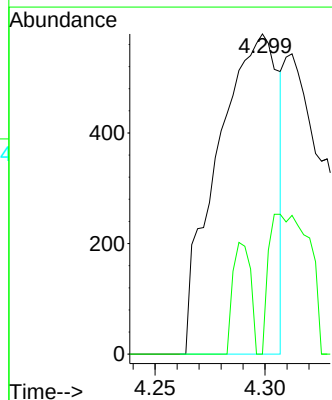
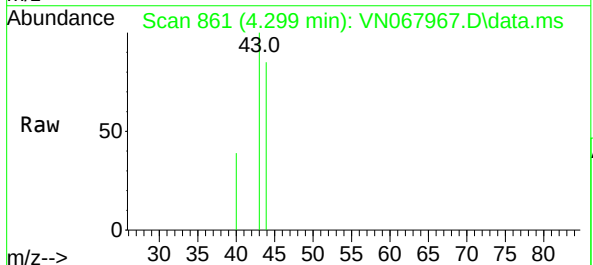
#13
Acrolein
Concen: 0.643 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

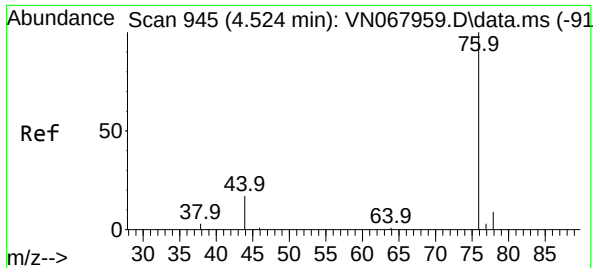
Tgt Ion: 56 Resp: 257
Ion Ratio Lower Upper
56 100
55 54.5 57.4 86.0#



#16
Acetone
Concen: 0.693 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

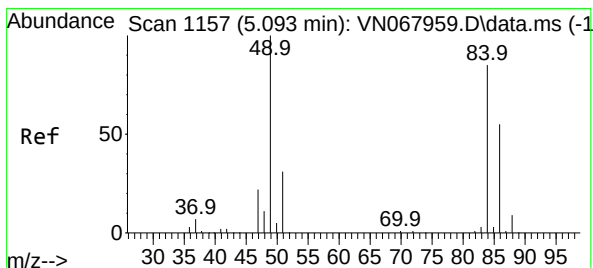
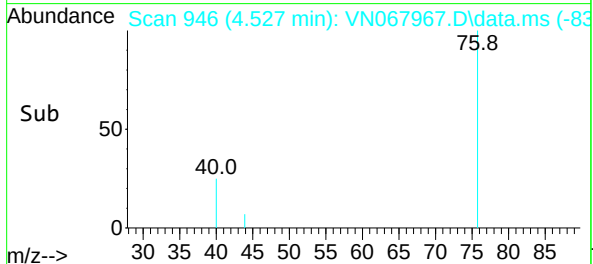
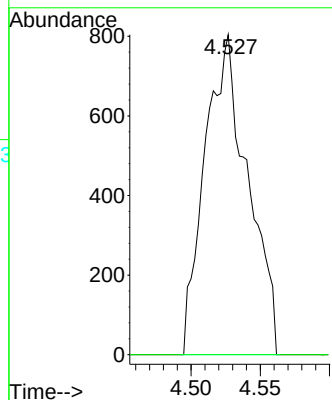
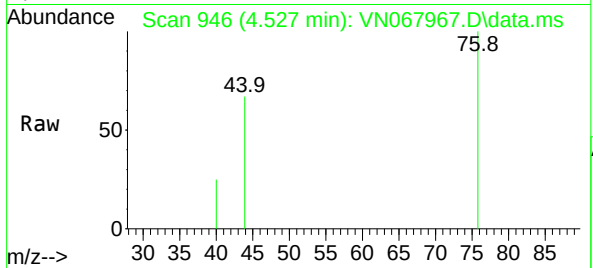
Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#





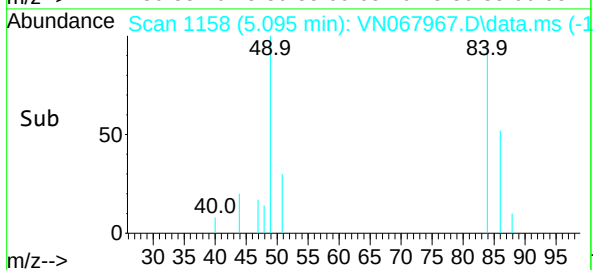
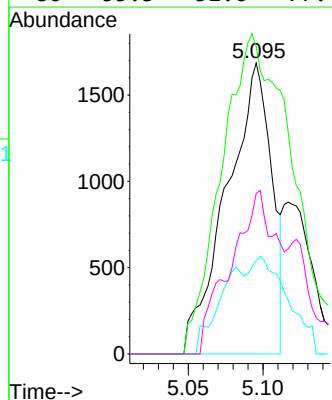
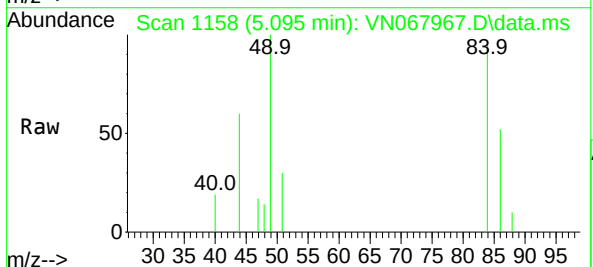
#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

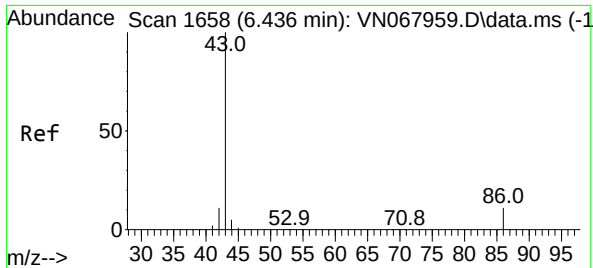
Tgt Ion: 76 Resp: 1739
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#20
Methylene Chloride
Concen: 0.669 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

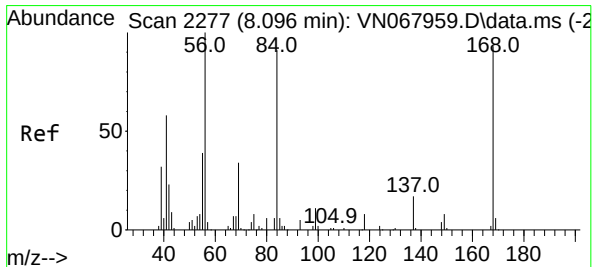
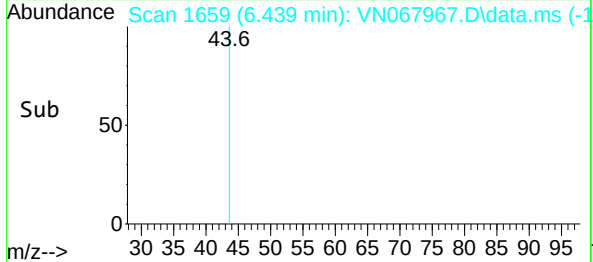
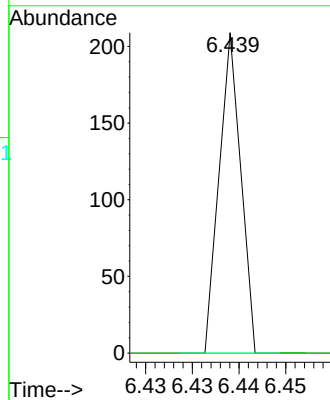
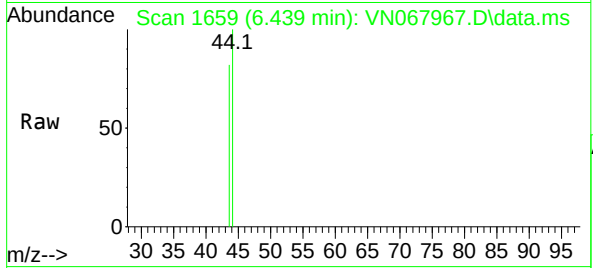
Tgt Ion: 84 Resp: 3517
Ion Ratio Lower Upper
84 100
49 105.8 110.9 166.3#
51 32.0 32.6 49.0#
86 55.3 51.6 77.4





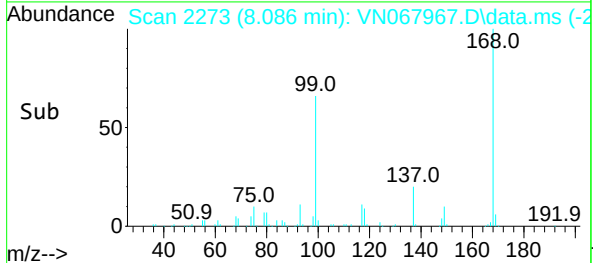
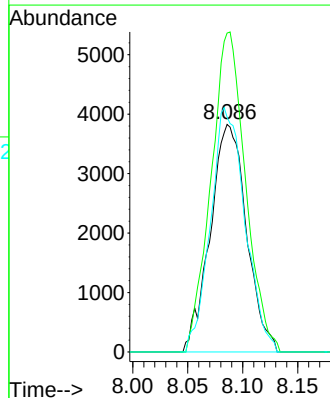
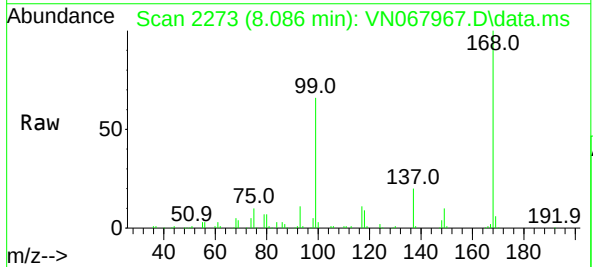
#23
 Vinyl Acetate
 Concen: 8.804 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VN067967.D
 Acq: 29 Jul 2021 16:28

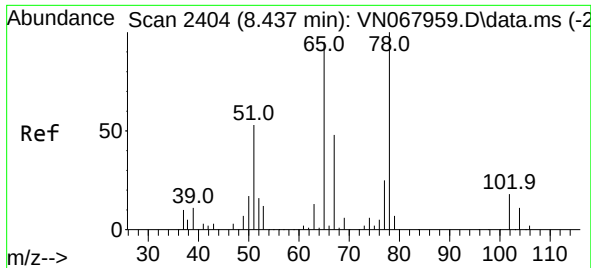
Tgt Ion: 43 Resp: 34
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#31
 Cyclohexane
 Concen: 1.353 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.010 min
 Lab File: VN067967.D
 Acq: 29 Jul 2021 16:28

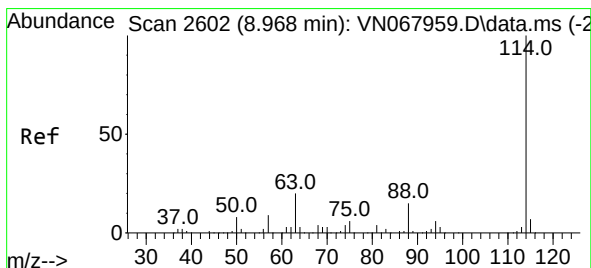
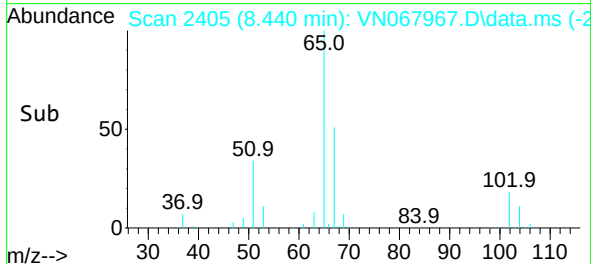
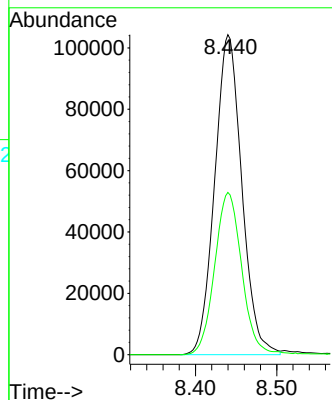
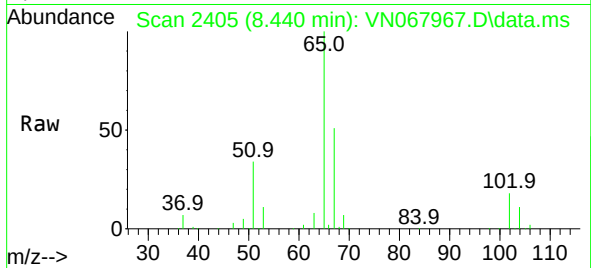
Tgt Ion: 56 Resp: 8774
 Ion Ratio Lower Upper
 56 100
 69 140.2 27.3 40.9#
 84 103.2 64.9 97.3#





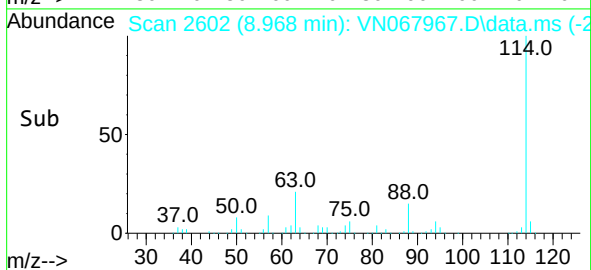
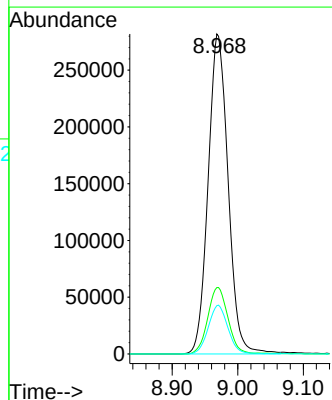
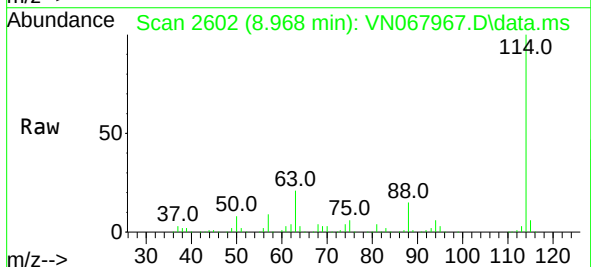
#33
 1,2-Dichloroethane-d4
 Concen: 55.009 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN067967.D
 Acq: 29 Jul 2021 16:28

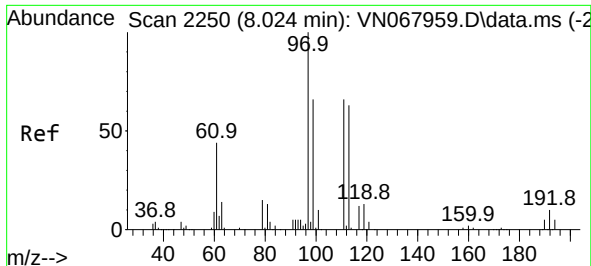
Tgt Ion: 65 Resp: 241817
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN067967.D
 Acq: 29 Jul 2021 16:28

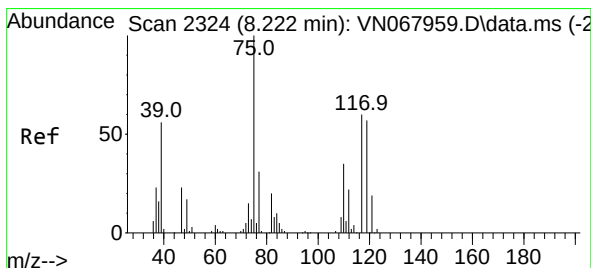
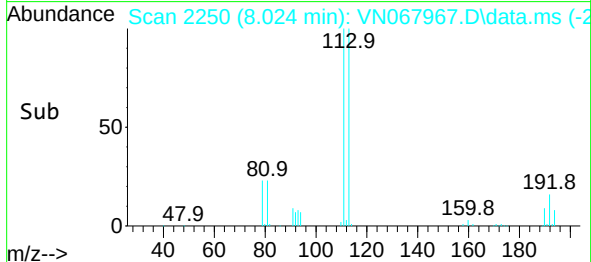
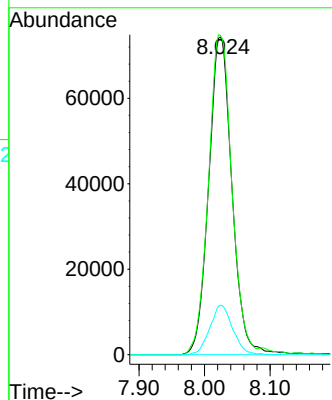
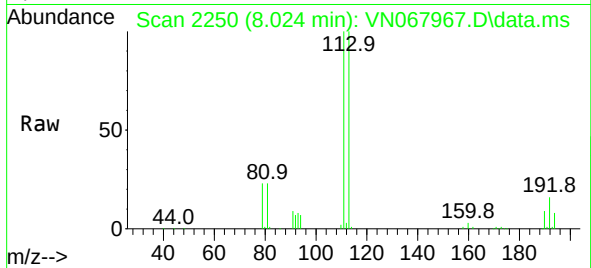
Tgt Ion: 114 Resp: 596205
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 49.0
 88 15.1 0.0 36.6





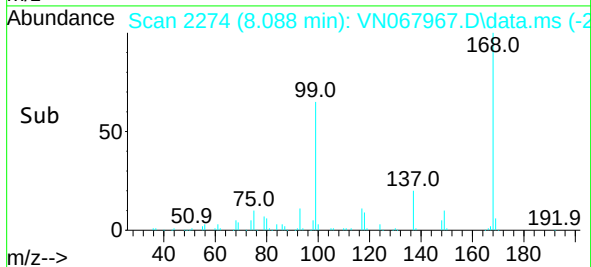
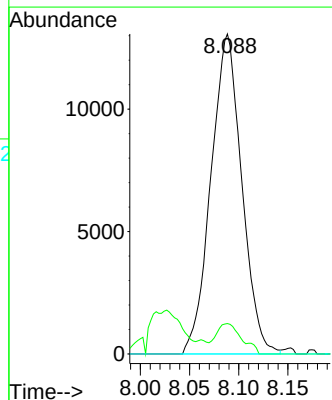
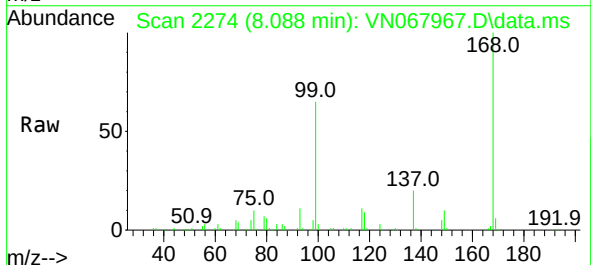
#35
Dibromofluoromethane
Concen: 52.629 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

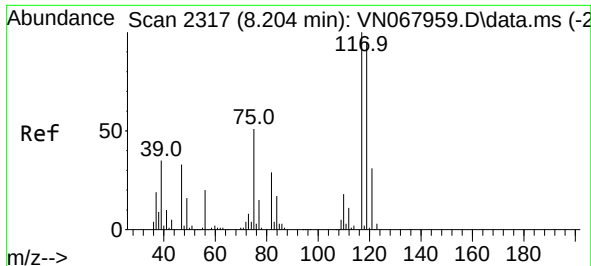
Tgt Ion: 113 Resp: 182864
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.8
192 15.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

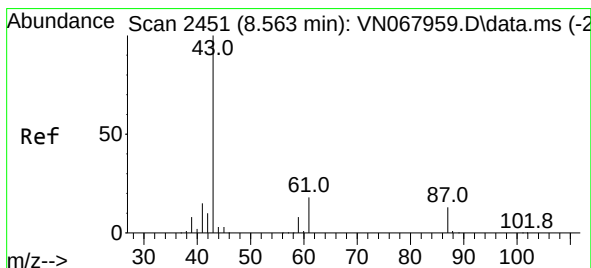
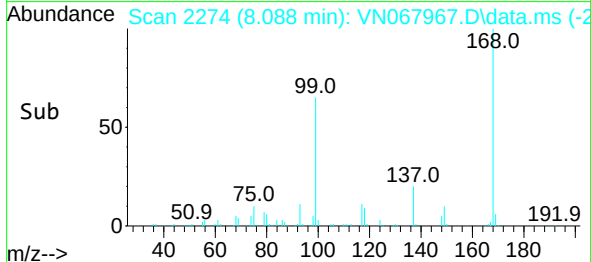
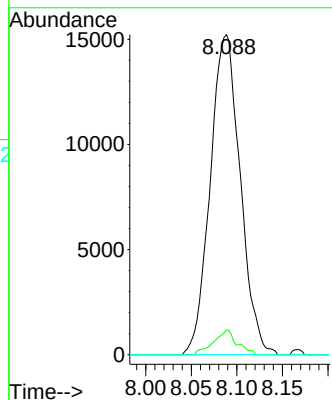
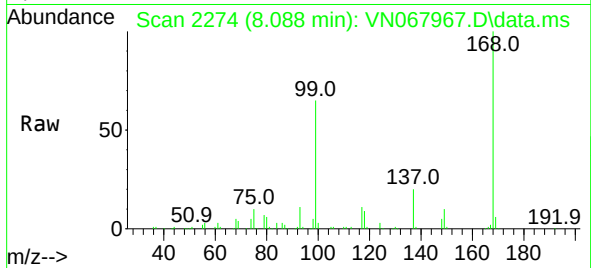
Tgt Ion: 75 Resp: 28514
Ion Ratio Lower Upper
75 100
110 7.9 15.7 47.0#
77 0.0 24.6 37.0#





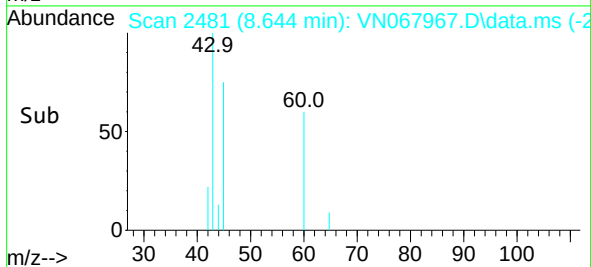
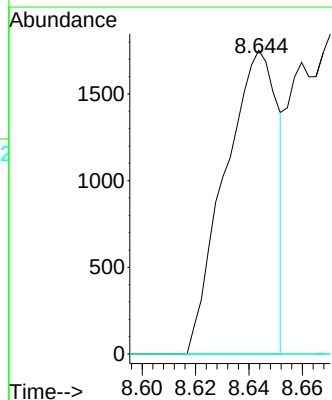
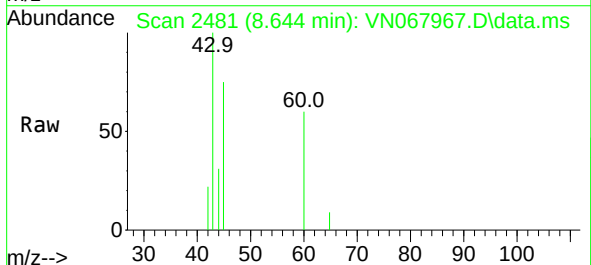
#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

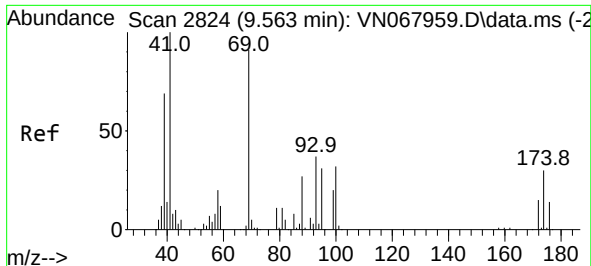
Tgt Ion: 117 Resp: 34840
Ion Ratio Lower Upper
117 100
119 7.6 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.278 ug/l
RT: 8.644 min Scan# 2481
Delta R.T. 0.081 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

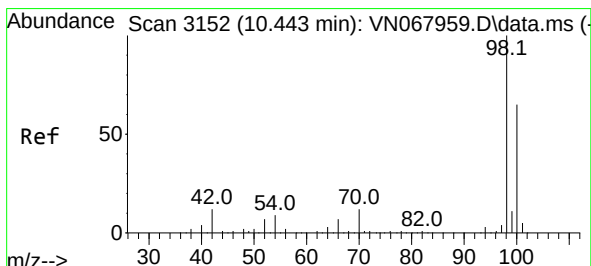
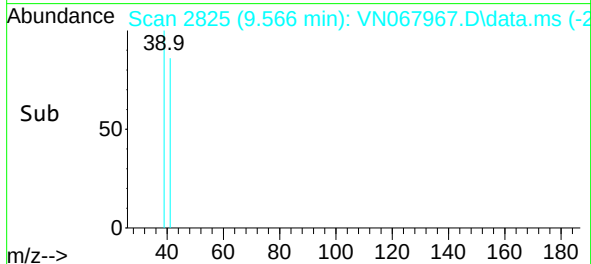
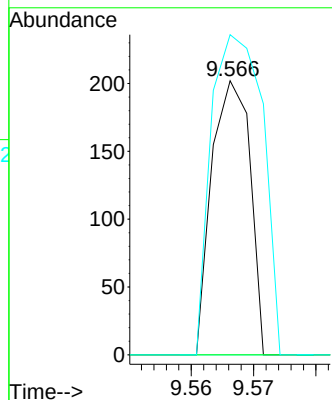
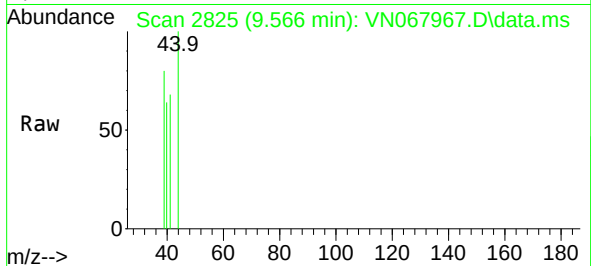
Tgt Ion: 43 Resp: 2405
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#





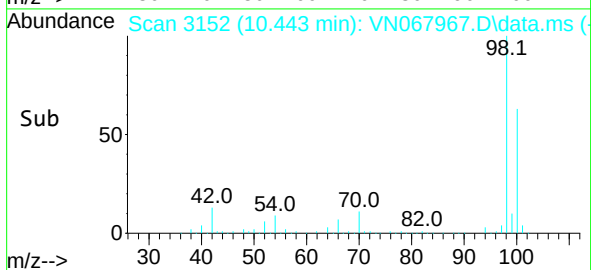
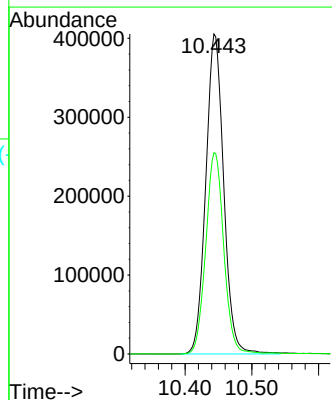
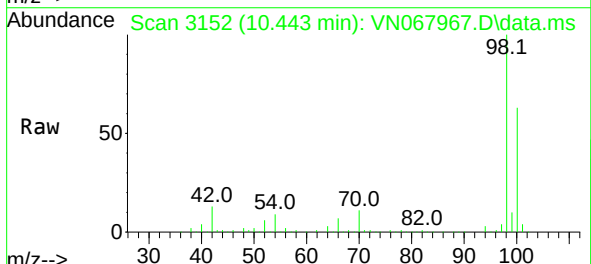
#48
Methyl methacrylate
Concen: 2.324 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

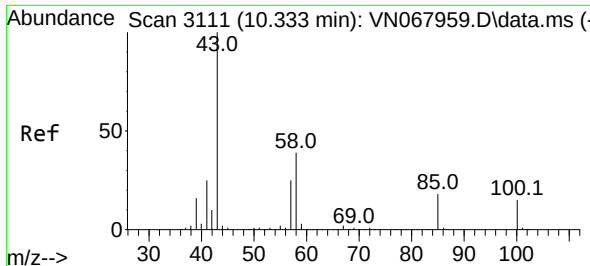
Tgt Ion: 41 Resp: 86
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 157.0 53.3 79.9#



#50
Toluene-d8
Concen: 47.380 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

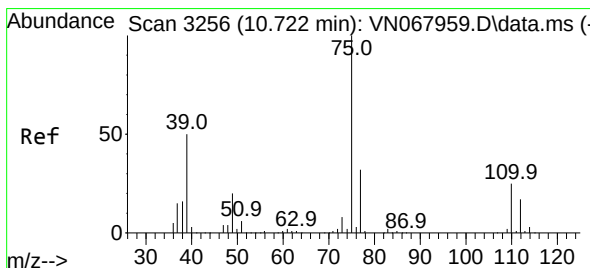
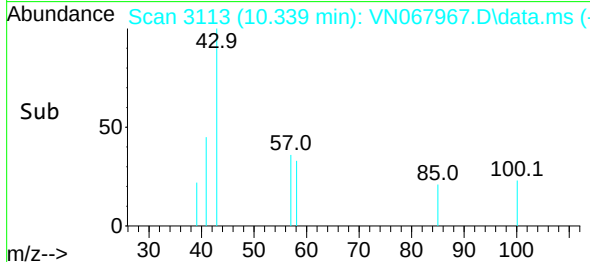
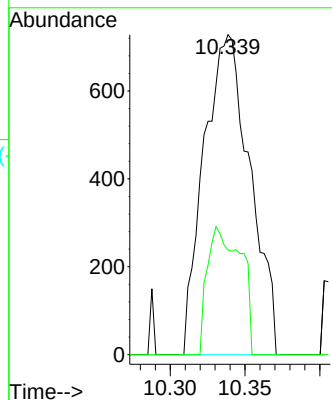
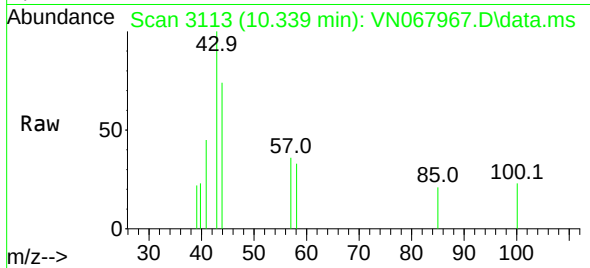
Tgt Ion: 98 Resp: 756242
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





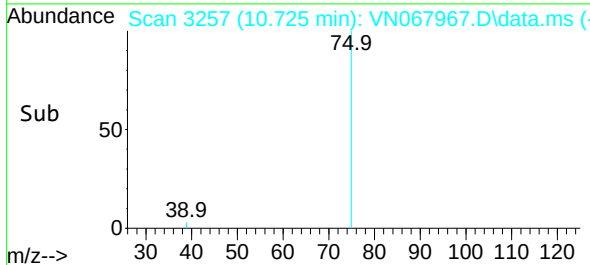
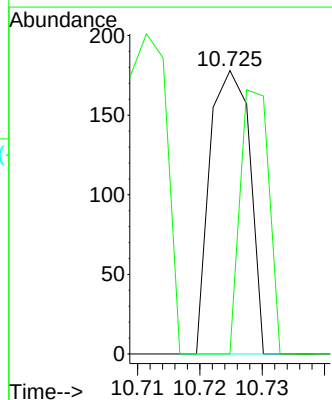
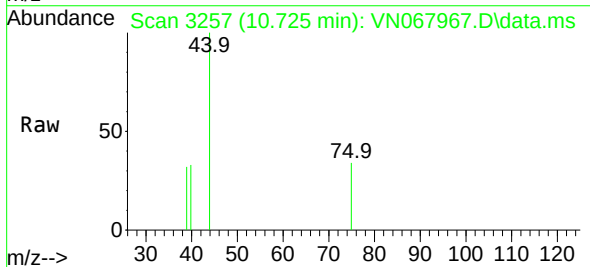
#51
4-Methyl-2-Pentanone
Concen: 12.802 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

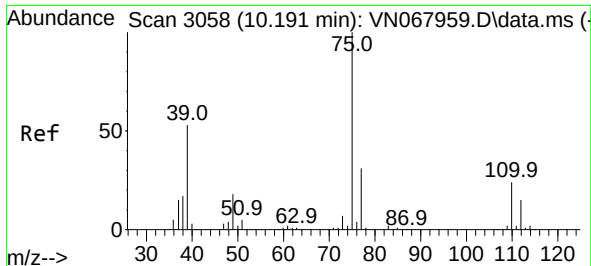
Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 29.0 28.6 43.0



#53
t-1,3-Dichloropropene
Concen: 2.844 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

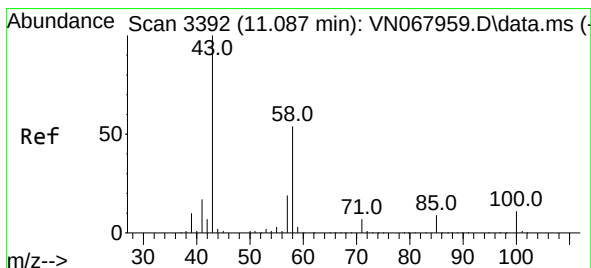
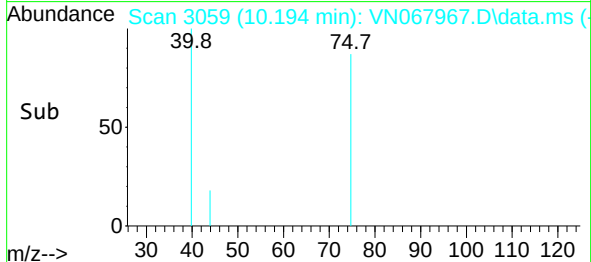
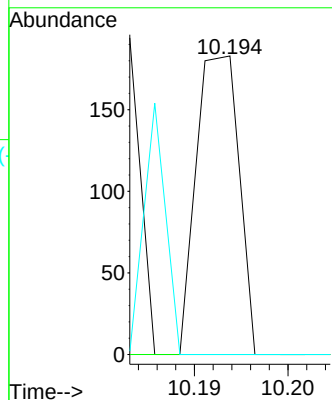
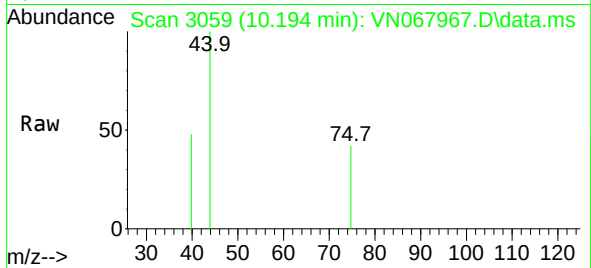
Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#





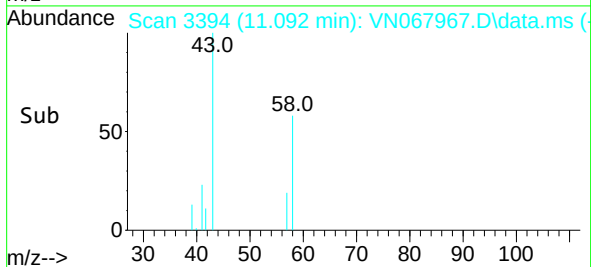
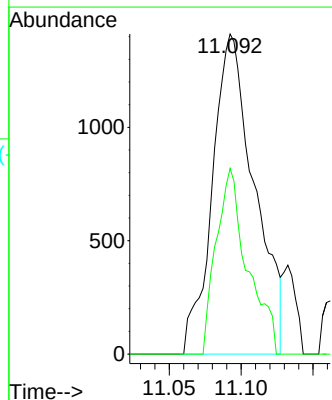
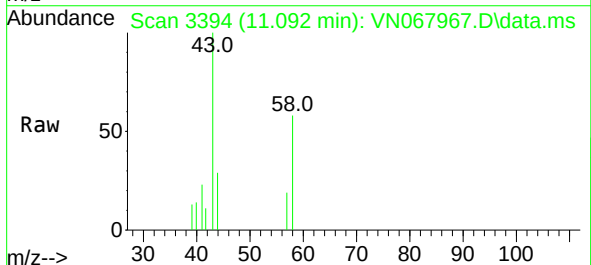
#54
cis-1,3-Dichloropropene
Concen: 2.362 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

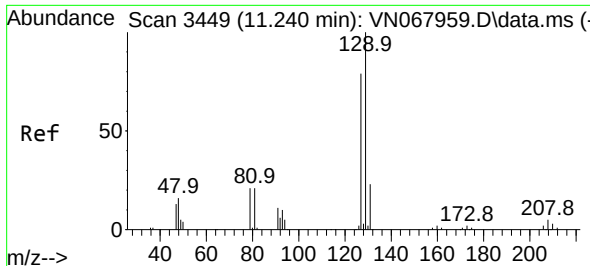
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 0.0 50.7 76.1#



#59
2-Hexanone
Concen: 13.893 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

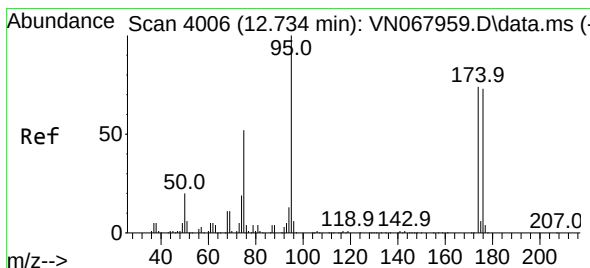
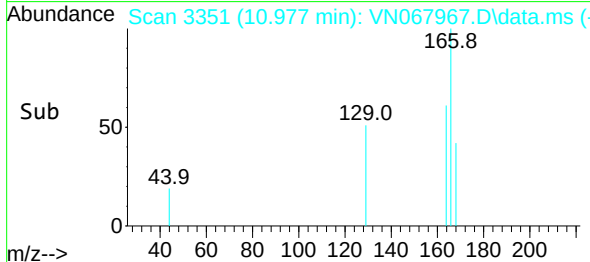
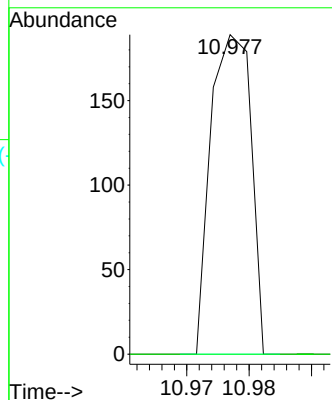
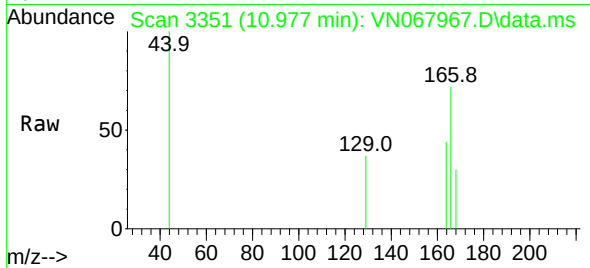
Tgt Ion: 43 Resp: 2869
Ion Ratio Lower Upper
43 100
58 43.0 24.7 74.1





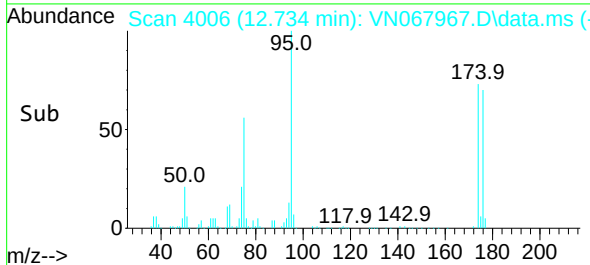
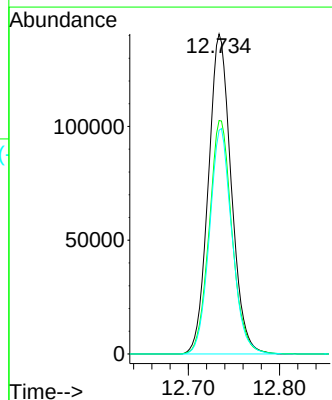
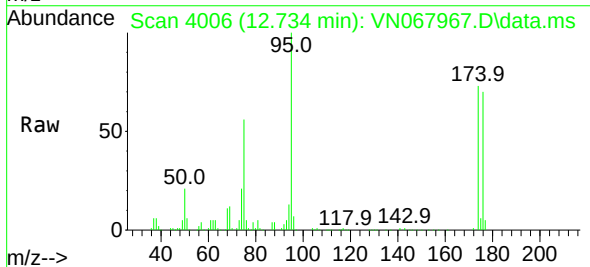
#60
Dibromochloromethane
Concen: 3.318 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

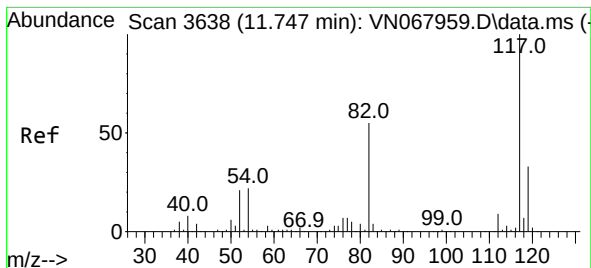
Tgt Ion:129 Resp: 85
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 42.554 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

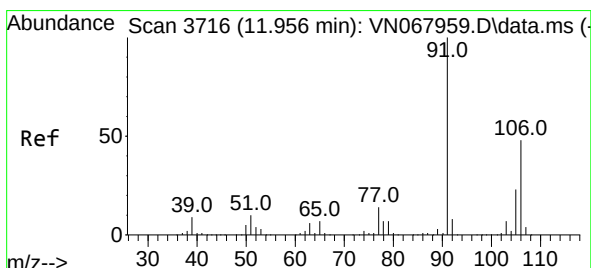
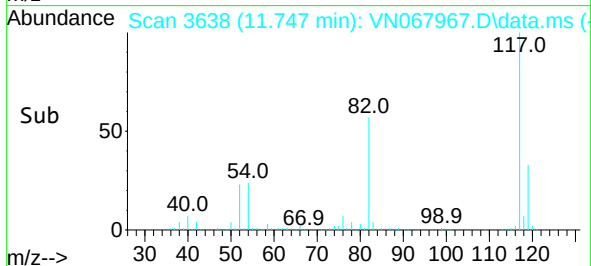
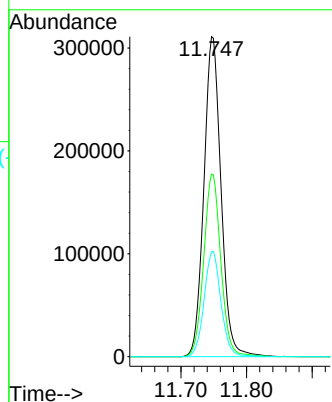
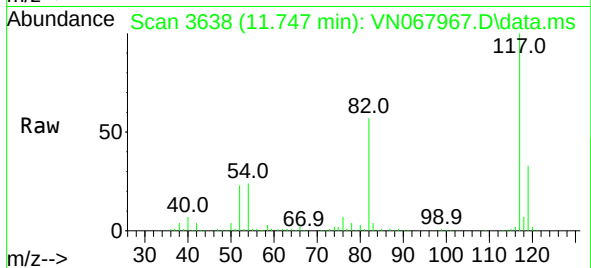
Tgt Ion: 95 Resp: 244940
Ion Ratio Lower Upper
95 100
174 73.2 0.0 122.0
176 69.3 0.0 117.6





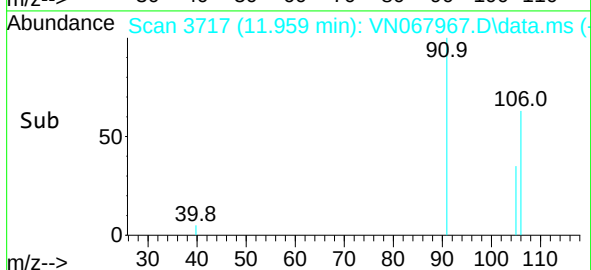
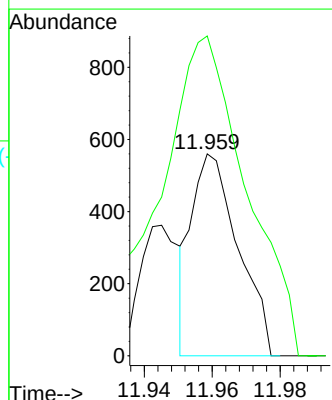
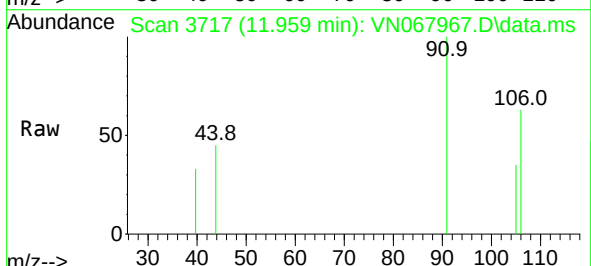
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

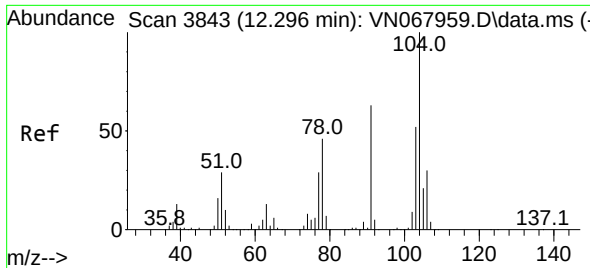
Tgt Ion:117 Resp: 564822
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.8 25.5 38.3



#68
m/p-Xylenes
Concen: 4.119 ug/l
RT: 11.959 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

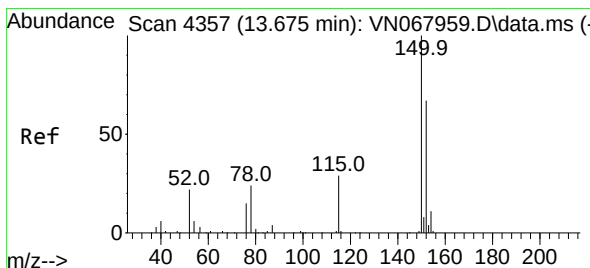
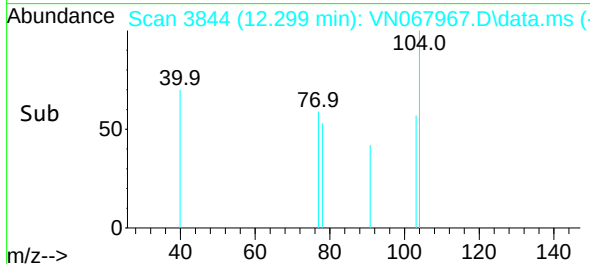
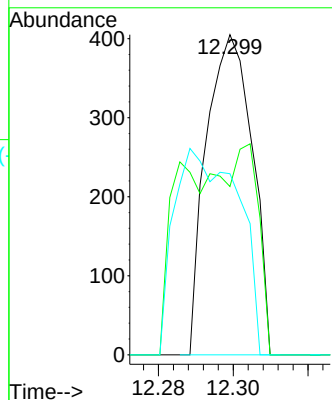
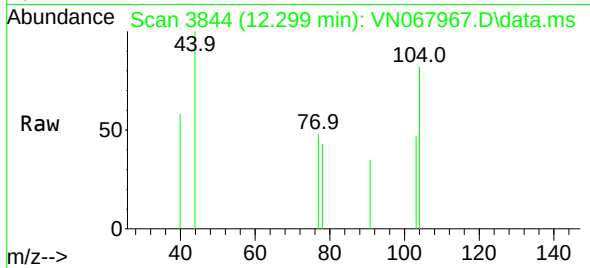
Tgt Ion:106 Resp: 532
Ion Ratio Lower Upper
106 100
91 301.9 180.6 270.8#





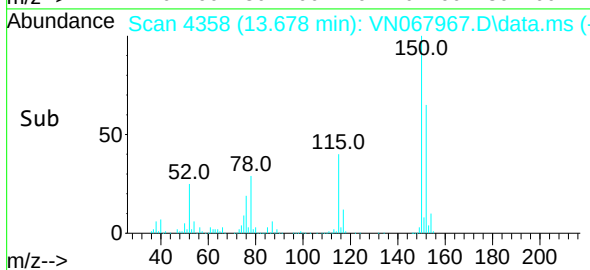
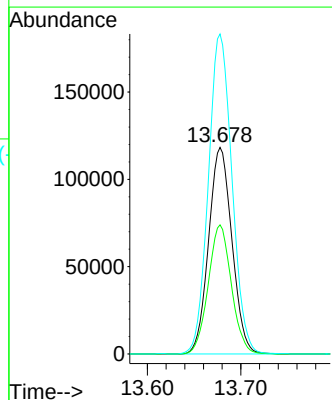
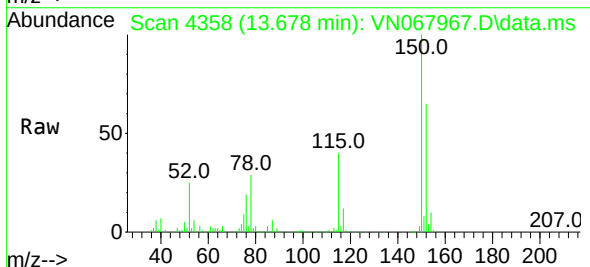
#70
Styrene
Concen: 2.654 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

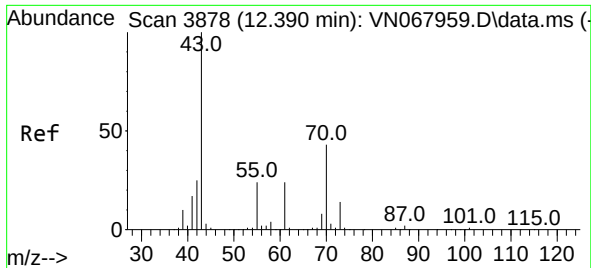
Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.9	48.2	72.2#
103	89.9	44.5	66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

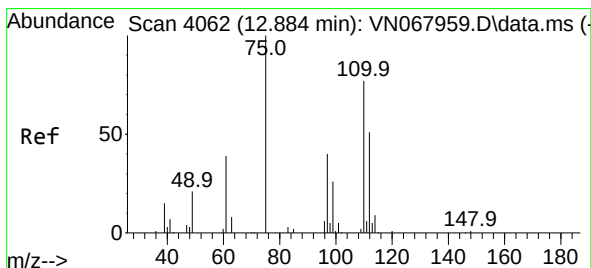
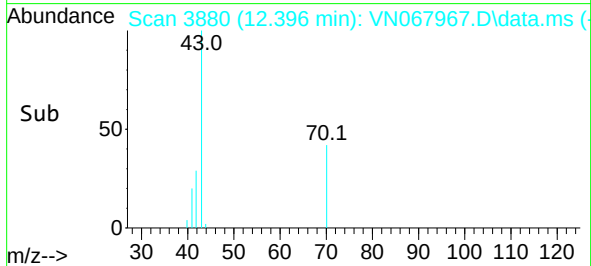
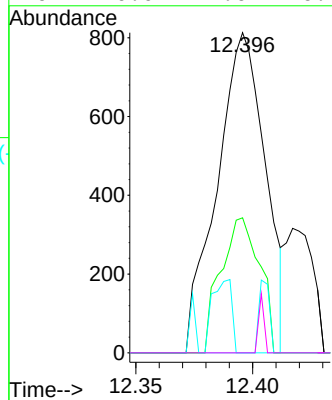
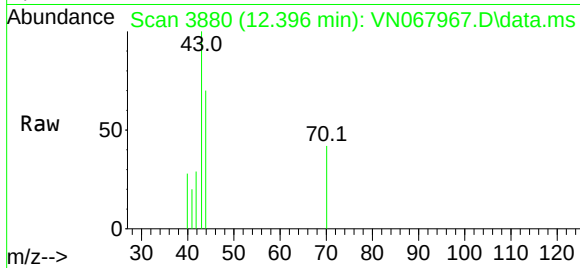
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	36.1	108.5
150	156.9	0.0	351.8





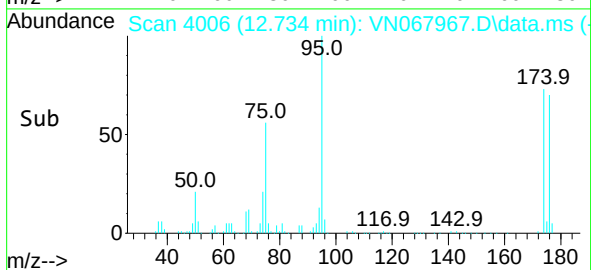
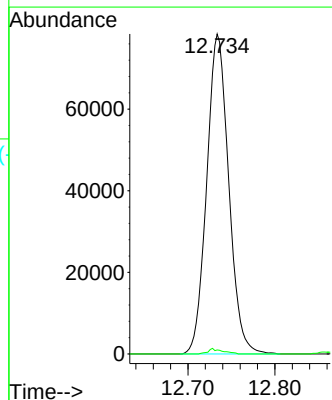
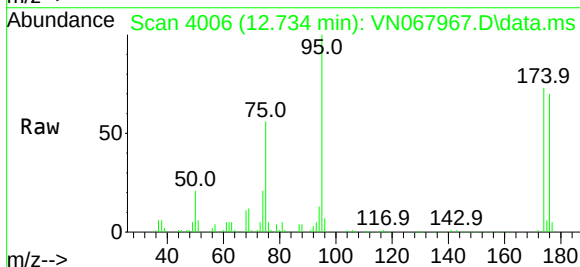
#74
N-amy1 acetate
Concen: 0.200 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

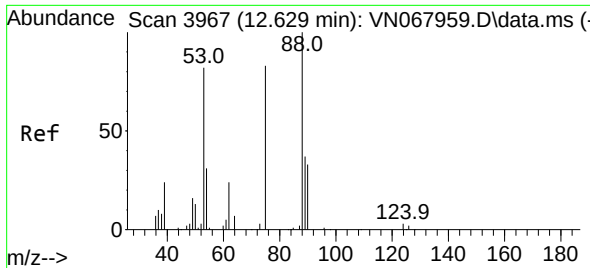
Tgt Ion	Ratio	Lower	Upper
43	100		
70	34.0	29.4	44.2
55	9.3	17.0	25.4#
61	0.0	17.6	26.4#



#76
1,2,3-Trichloropropane
Concen: 33.430 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

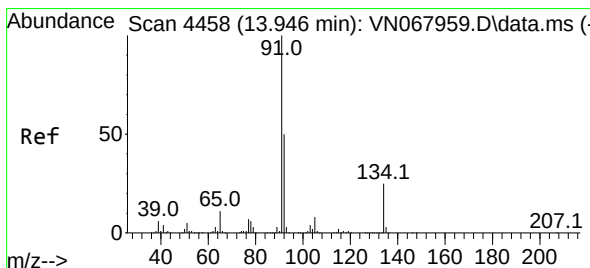
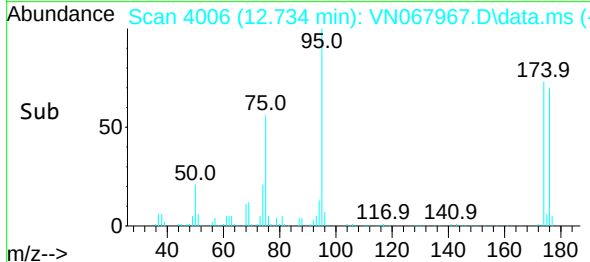
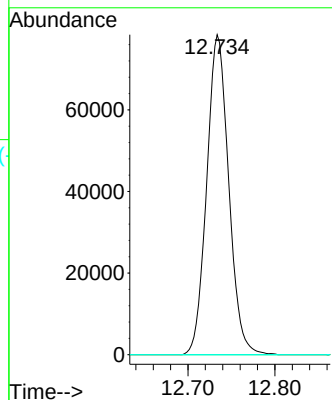
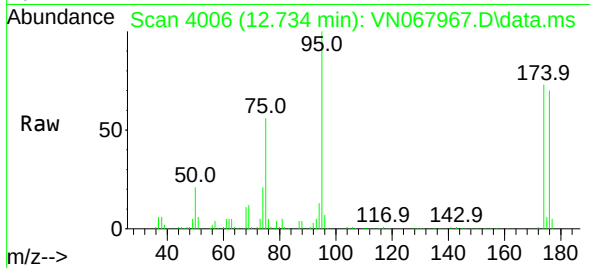
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





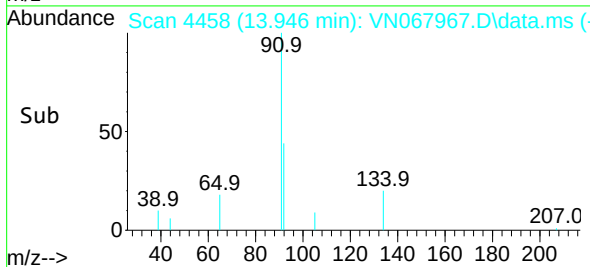
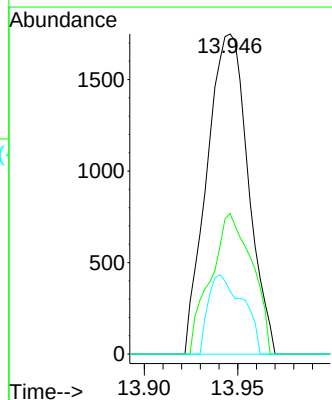
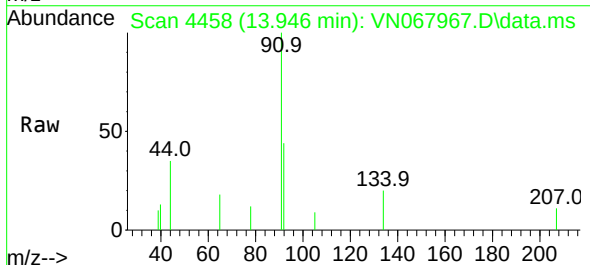
#81
trans-1,4-Dichloro-2-butene
Concen: 89.672 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

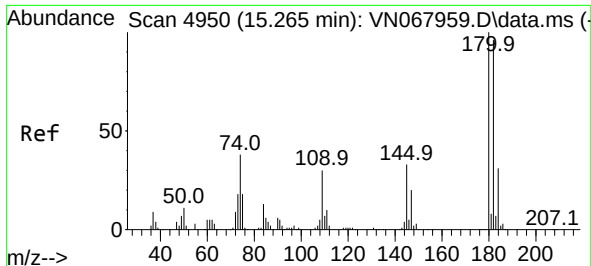
Tgt Ion: 75 Resp: 137854
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#89
n-Butylbenzene
Concen: 0.249 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

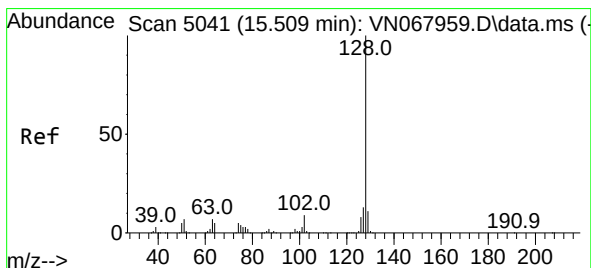
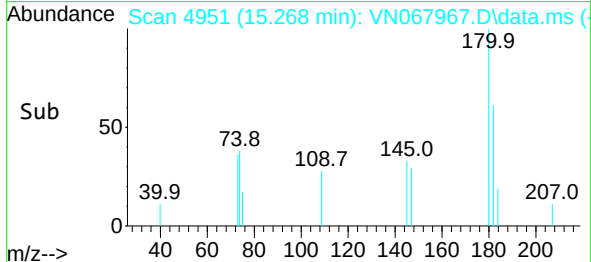
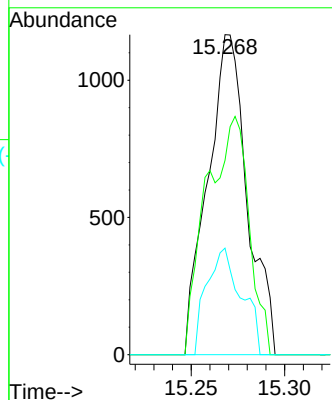
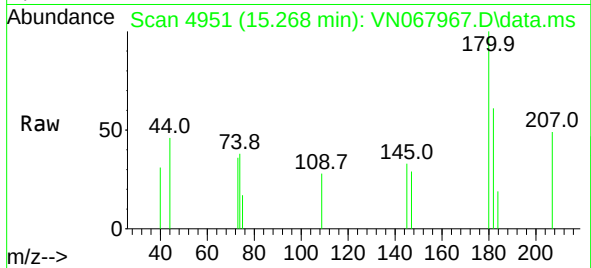
Tgt Ion: 91 Resp: 2678
Ion Ratio Lower Upper
91 100
92 44.0 25.7 77.1
134 20.7 11.2 33.6





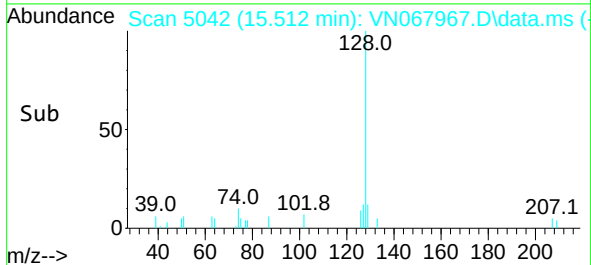
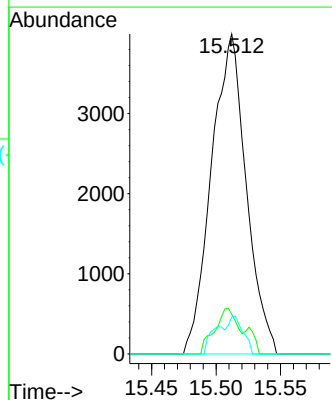
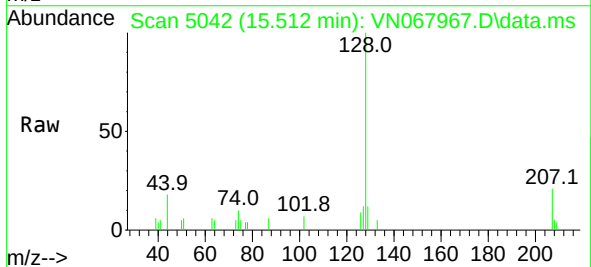
#93
1,2,4-Trichlorobenzene
Concen: 3.014 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

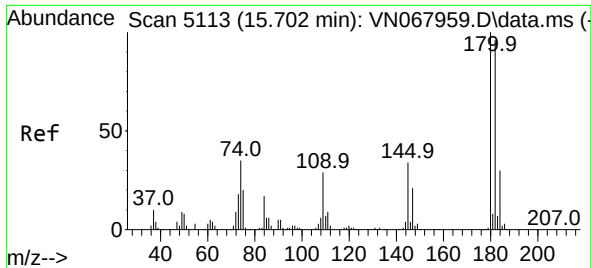
Tgt Ion:180 Resp: 1718
Ion Ratio Lower Upper
180 100
182 46.2 47.5 142.5#
145 29.3 17.2 51.6



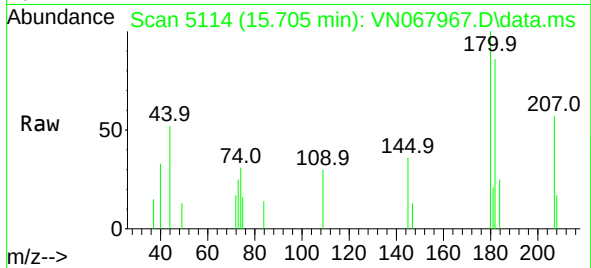
#95
Naphthalene
Concen: 3.939 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067967.D
Acq: 29 Jul 2021 16:28

Tgt Ion:128 Resp: 7474
Ion Ratio Lower Upper
128 100
127 9.3 10.6 15.8#
129 5.1 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.036 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067967.D
 Acq: 29 Jul 2021 16:28



Tgt Ion:180 Resp: 1983
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.8 143.3
 145 34.9 18.2 54.6

