

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067626.D
 Acq On : 2 Jul 2021 19:07
 Operator : JC/MD
 Sample : M2908-02 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CROPSEY-AQUEOUS

Quant Time: Jul 05 05:04:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	375598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	695700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	648404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	254903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	275016	48.932	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.860%	
35) Dibromofluoromethane	8.024	113	204426	47.508	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	95.020%	
50) Toluene-d8	10.443	98	872981	48.069	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	96.140%	
62) 4-Bromofluorobenzene	12.733	95	290307	44.809	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.620%	

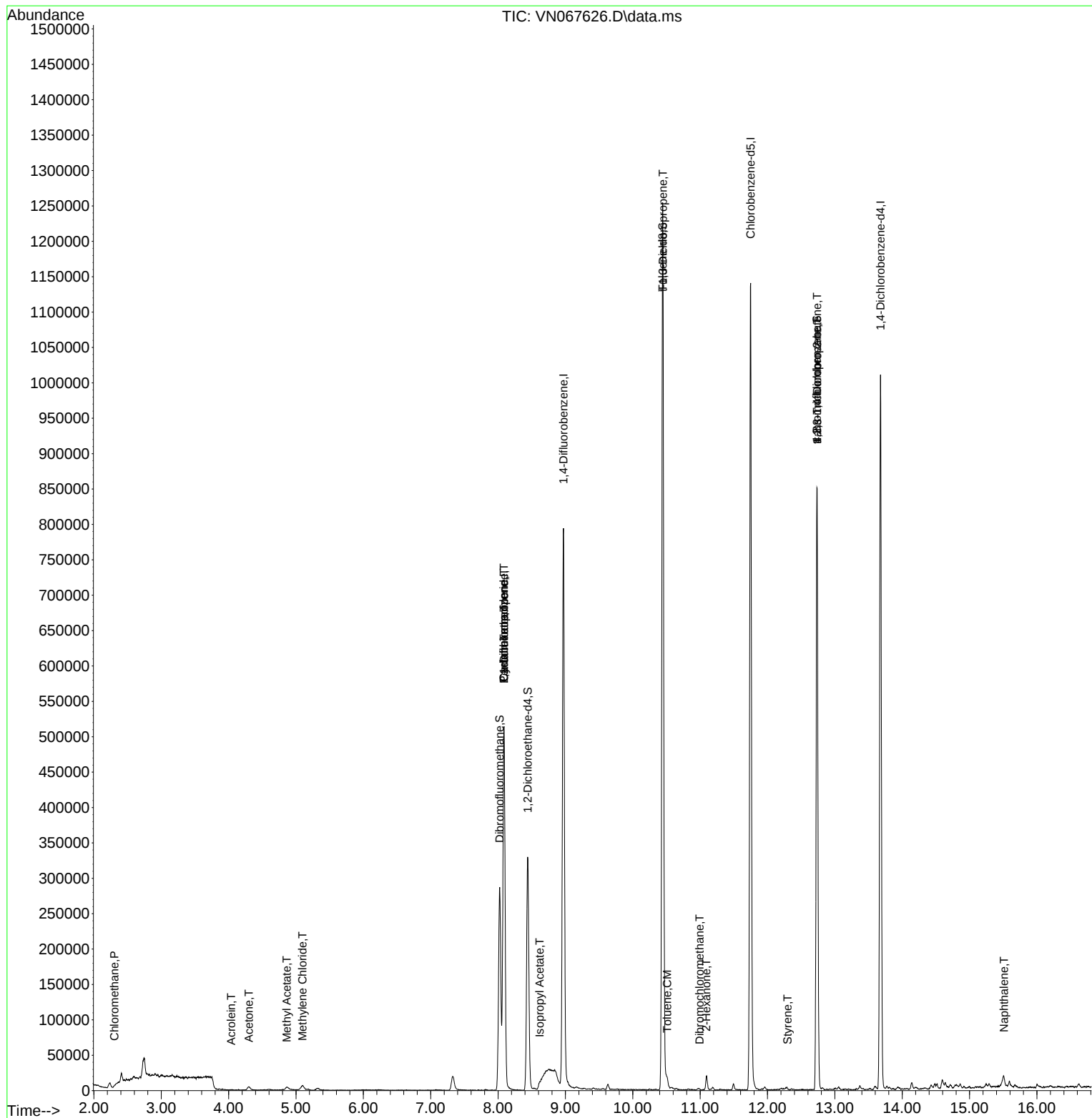
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1051	0.204	ug/l	98
13) Acrolein	4.039	56	178	0.280	ug/l	96
16) Acetone	4.299	43	9076	5.094	ug/l	100
18) Methyl Acetate	4.865	43	8578	1.890	ug/l #	56
20) Methylene Chloride	5.095	84	3266	0.735	ug/l #	75
31) Cyclohexane	8.088	56	10238	1.317	ug/l #	17
36) 1,1-Dichloropropene	8.086	75	33280	5.072	ug/l #	53
38) Carbon Tetrachloride	8.088	117	41629	6.295	ug/l #	17
43) Isopropyl Acetate	8.617	43	7522	0.685	ug/l #	58
52) Toluene	10.510	92	4430	0.342	ug/l	96
53) t-1,3-Dichloropropene	10.446	75	280	1.752	ug/l #	1
59) 2-Hexanone	11.092	43	4043	0.859	ug/l	66
60) Dibromochloromethane	10.993	129	25	2.052	ug/l #	11
70) Styrene	12.299	104	405	1.369	ug/l #	45
76) 1,2,3-Trichloropropane	12.736	75	164711	32.309	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	164711	97.426	ug/l #	6
95) Naphthalene	15.509	128	9033	5.253	ug/l #	89

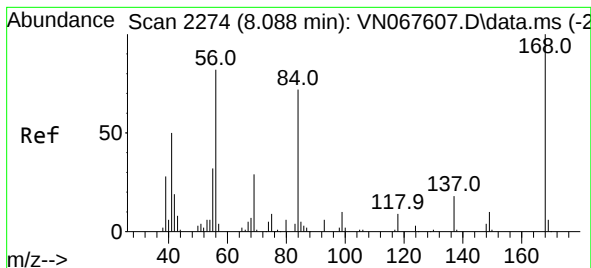
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.002 min

Lab File: VN067626.D

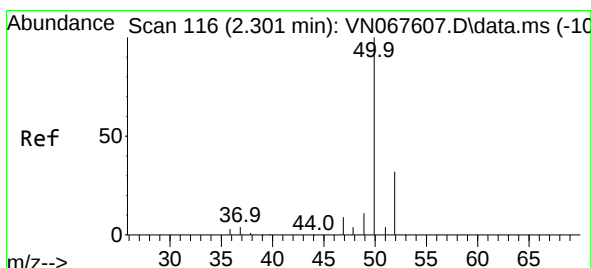
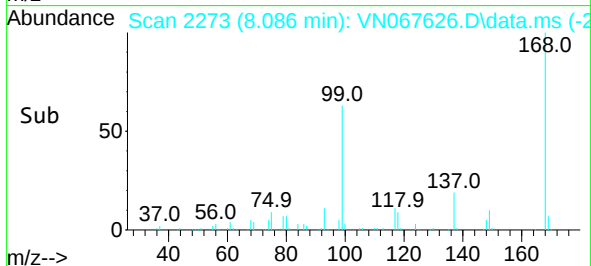
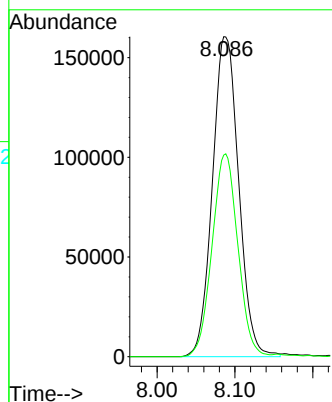
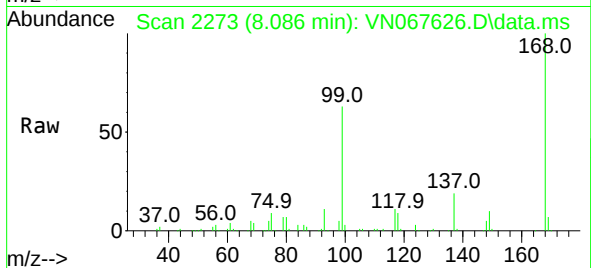
Acq: 2 Jul 2021 19:07

Tgt Ion:168 Resp: 375598

Ion Ratio Lower Upper

168 100

99 63.0 62.9 94.3



#3

Chloromethane

Concen: 0.204 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN067626.D

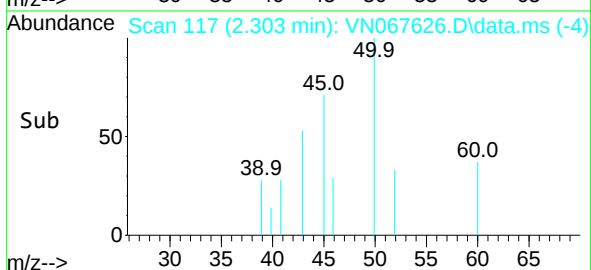
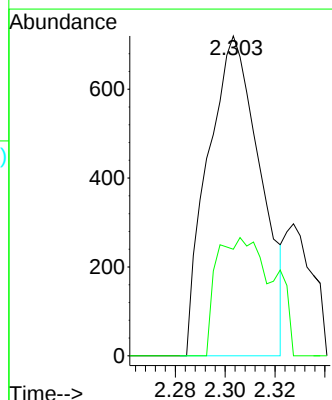
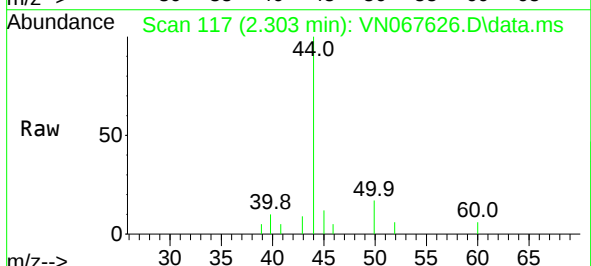
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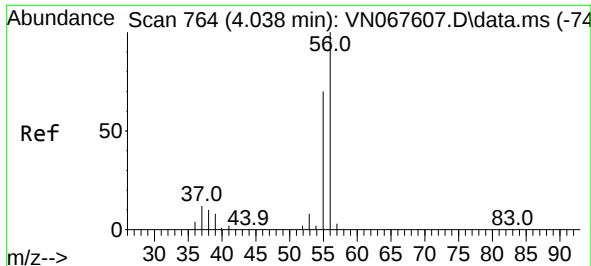
Tgt Ion: 50 Resp: 1051

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4

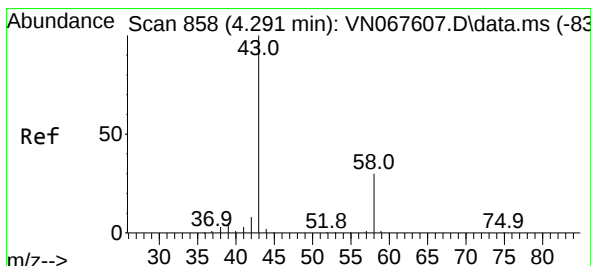
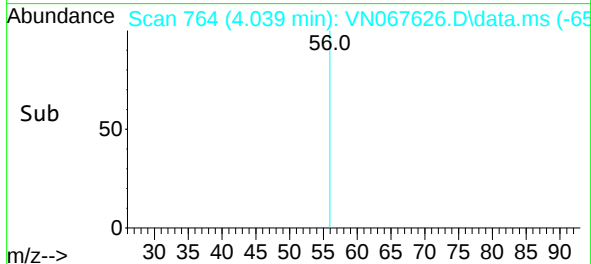
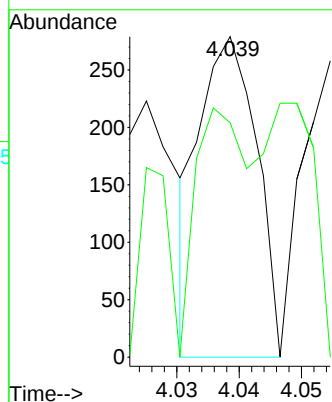
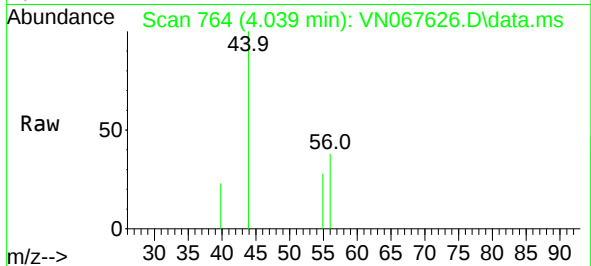




#13
Acrolein
Concen: 0.280 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

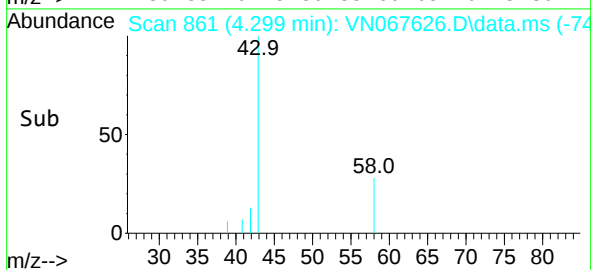
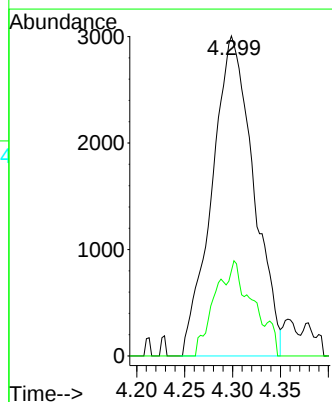
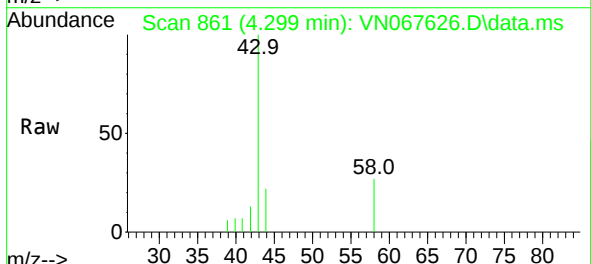
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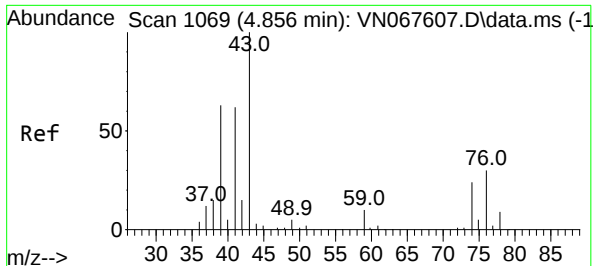
Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 68.5 57.4 86.0



#16
Acetone
Concen: 5.094 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 43 Resp: 9076
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#18

Methyl Acetate

Concen: 1.890 ug/l

RT: 4.865 min Scan# 1072

Delta R.T. 0.009 min

Lab File: VN067626.D

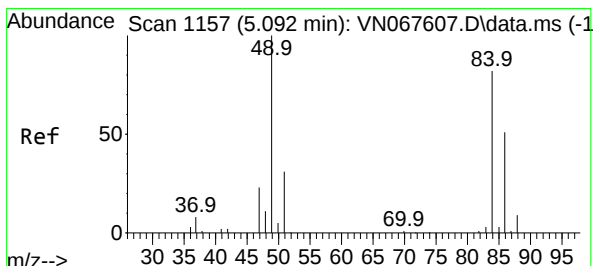
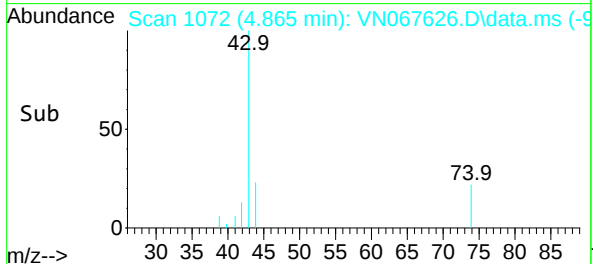
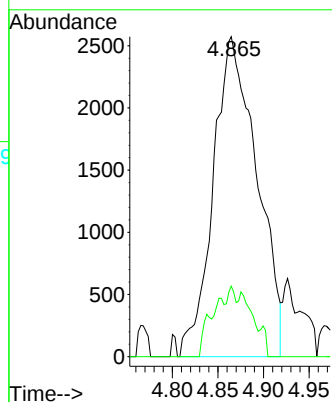
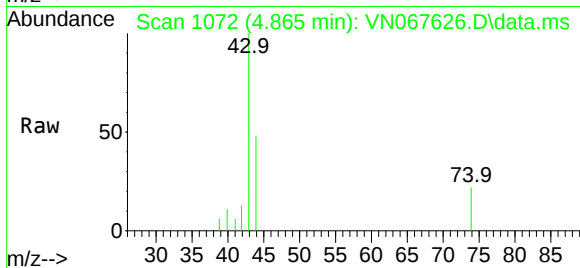
Acq: 2 Jul 2021 19:07

Tgt Ion: 43 Resp: 8578

Ion Ratio Lower Upper

43 100

74 1.0 17.4 26.0#



#20

Methylene Chloride

Concen: 0.735 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN067626.D

Acq: 2 Jul 2021 19:07

Tgt Ion: 84 Resp: 3266

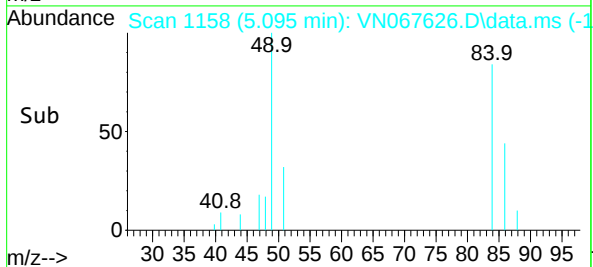
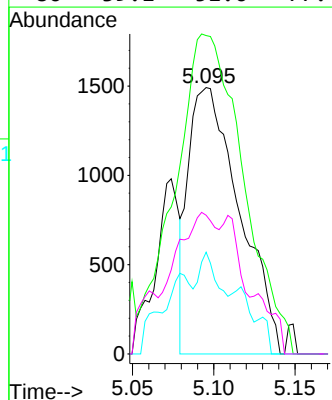
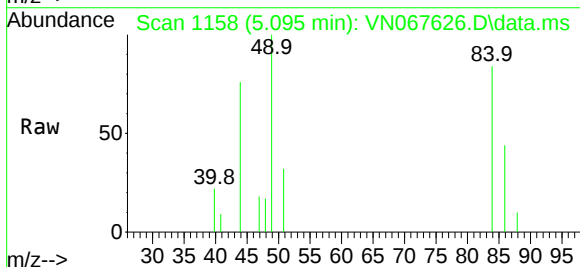
Ion Ratio Lower Upper

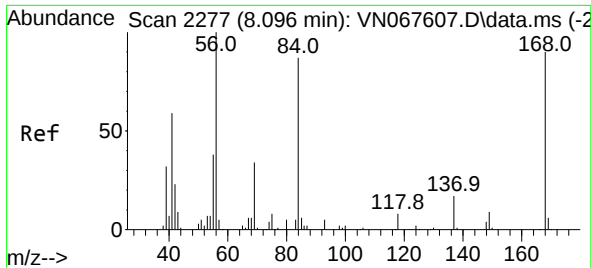
84 100

49 104.4 110.9 166.3#

51 38.2 32.6 49.0

86 39.1 51.6 77.4#

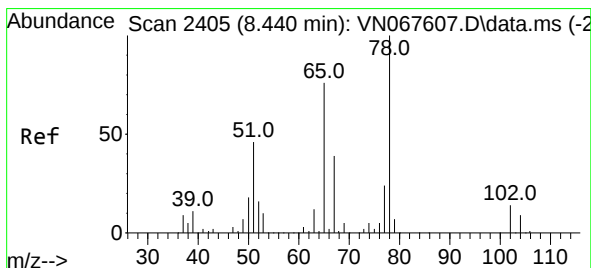
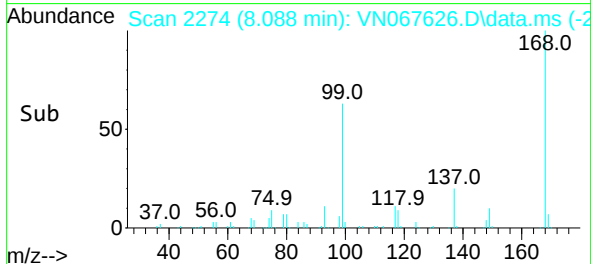
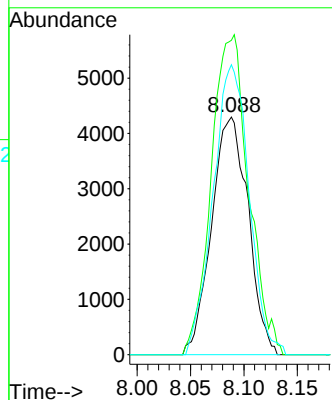
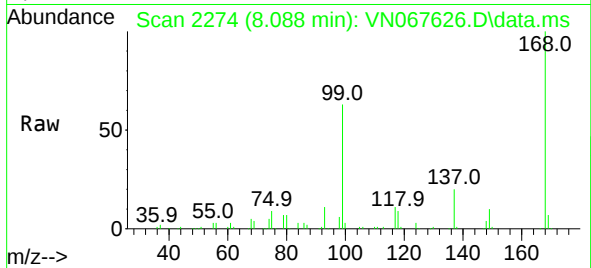




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

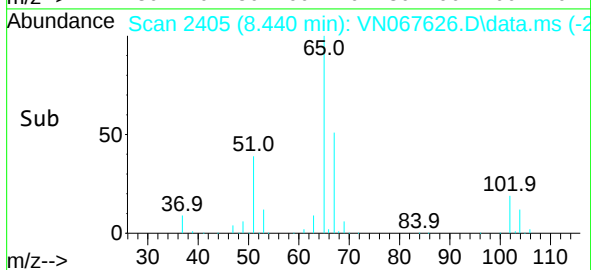
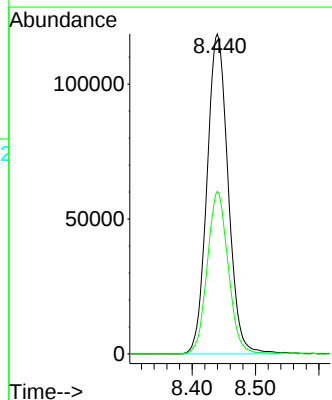
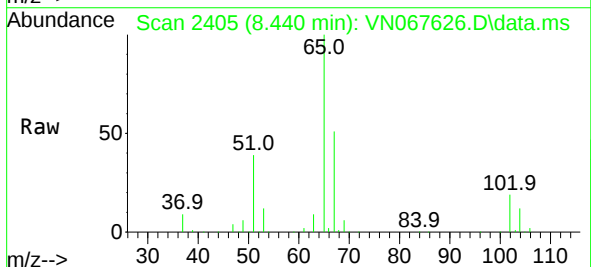
Instrument :
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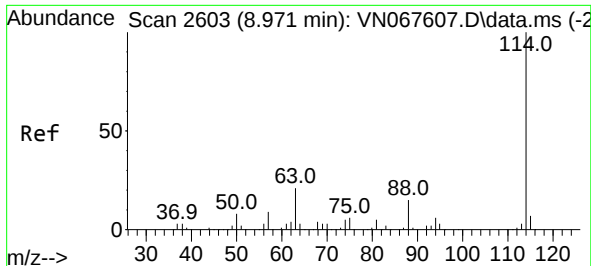
Tgt Ion: 56 Resp: 10238
Ion Ratio Lower Upper
56 100
69 132.4 27.3 40.9#
84 122.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.932 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 65 Resp: 275016
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

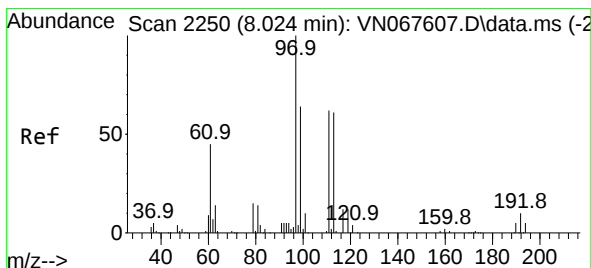
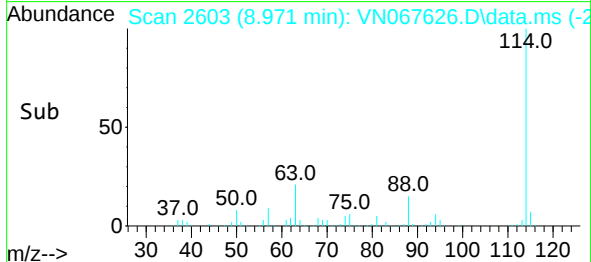
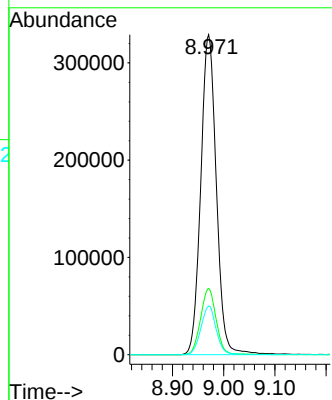
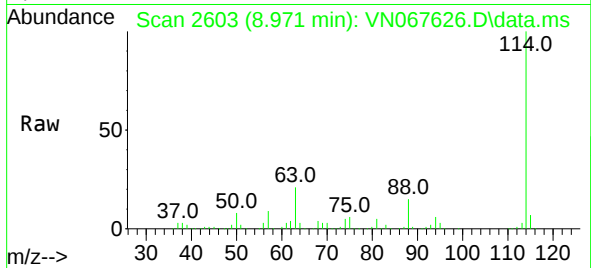




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

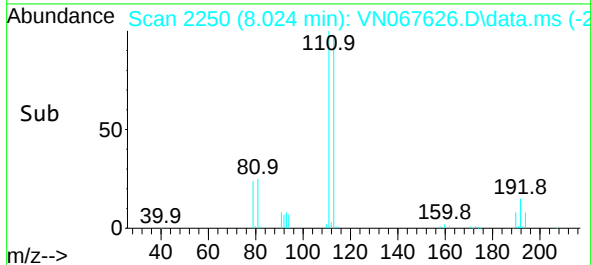
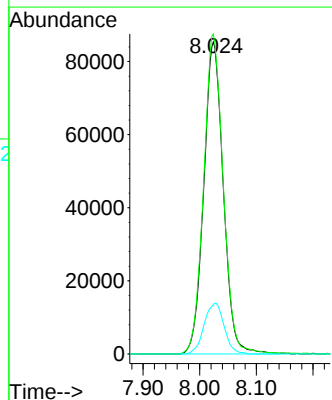
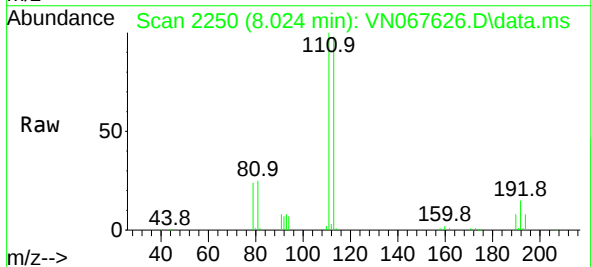
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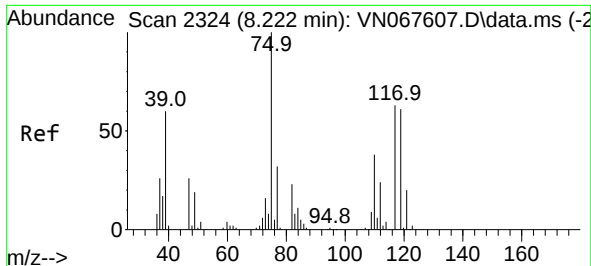
Tgt Ion:114 Resp: 695700
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.508 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion:113 Resp: 204426
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.6 13.4 20.0

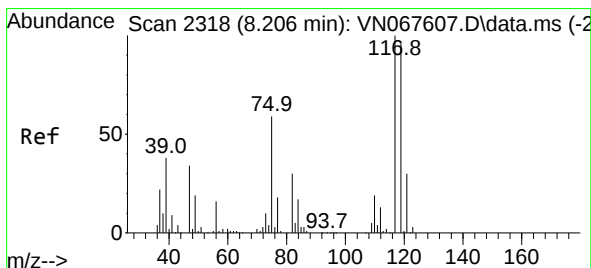
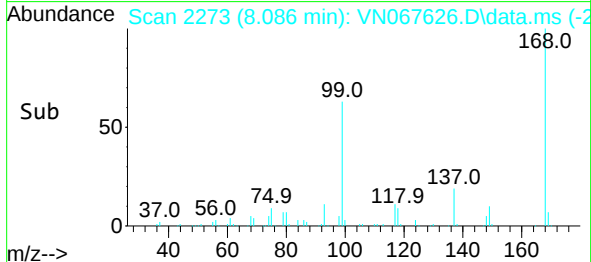
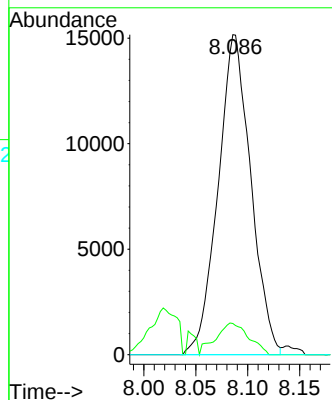
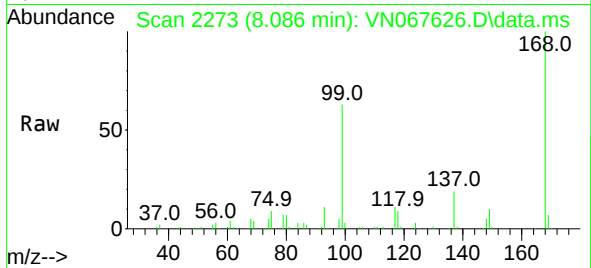




#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

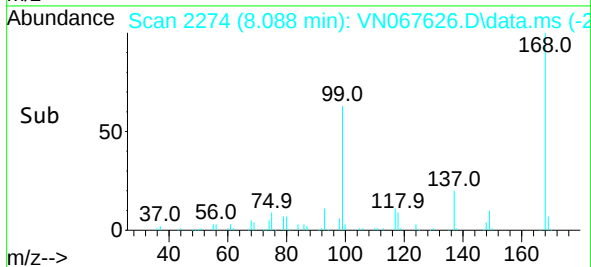
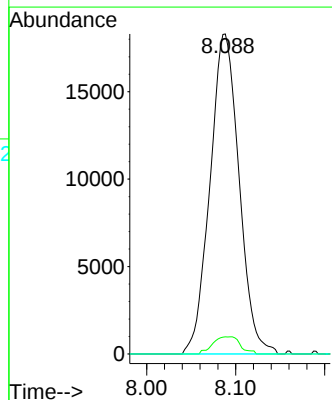
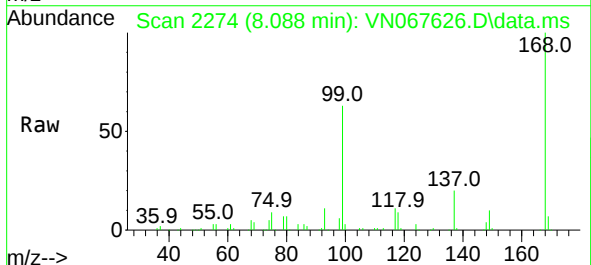
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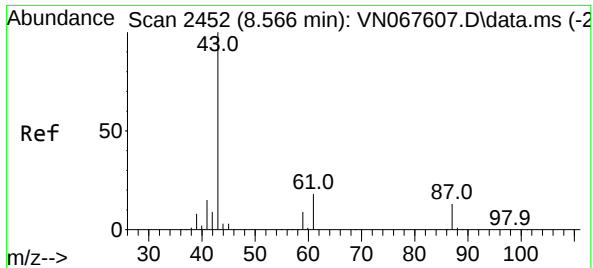
Tgt Ion: 75 Resp: 33280
Ion Ratio Lower Upper
75 100
110 9.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 117 Resp: 41629
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

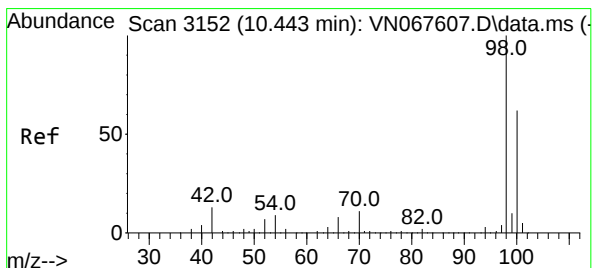
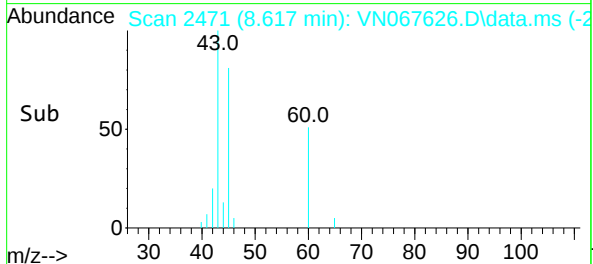
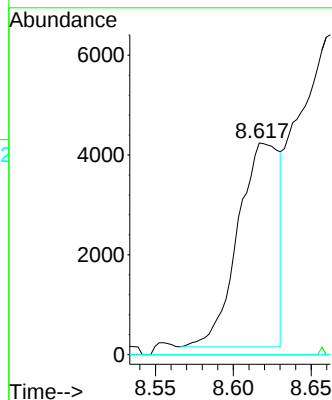
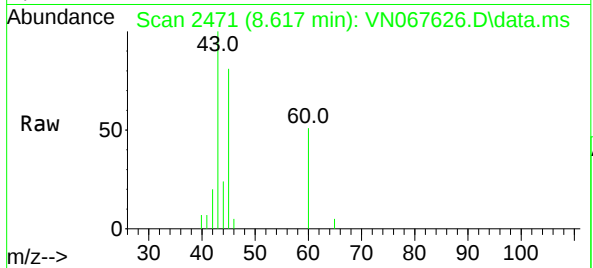




#43
Isopropyl Acetate
Concen: 0.685 ug/l
RT: 8.617 min Scan# 2471
Delta R.T. 0.051 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

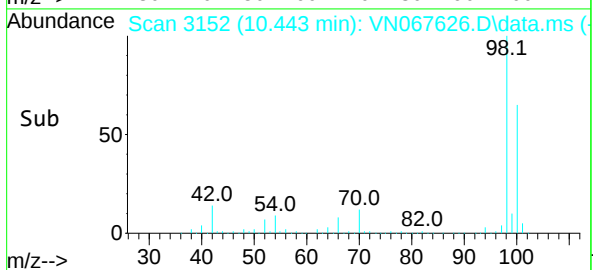
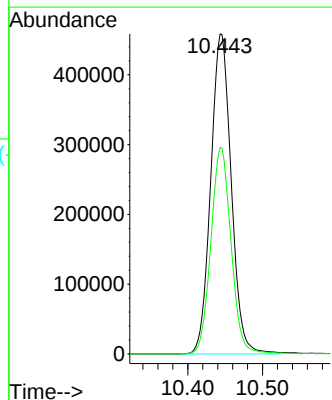
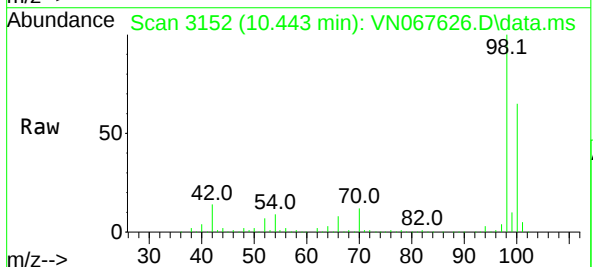
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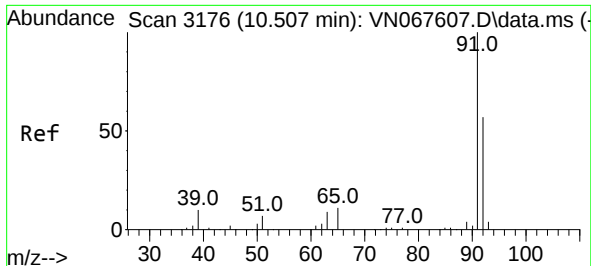
Tgt Ion: 43 Resp: 7522
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 48.069 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 98 Resp: 872981
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

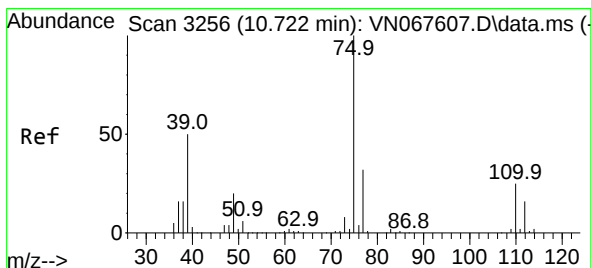
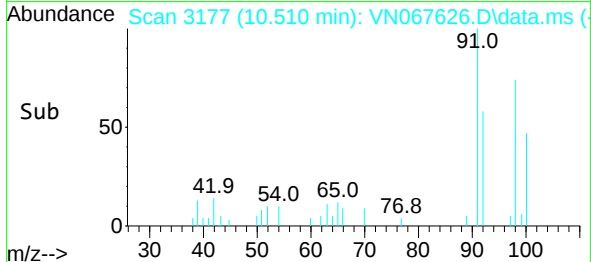
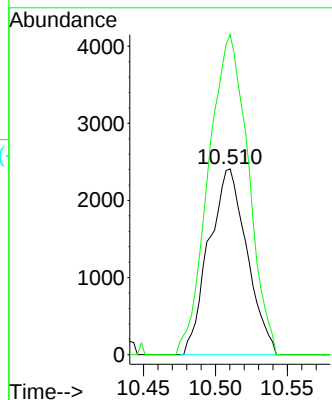
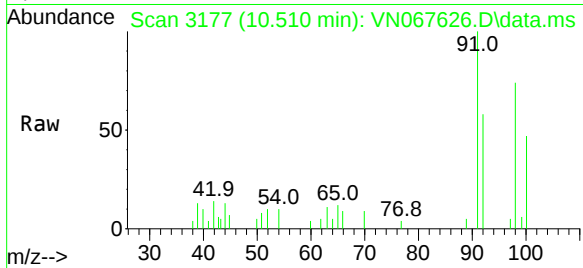




#52
Toluene
Concen: 0.342 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

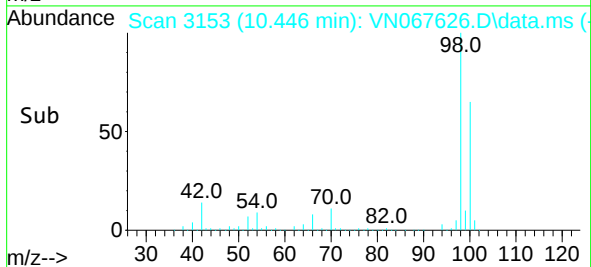
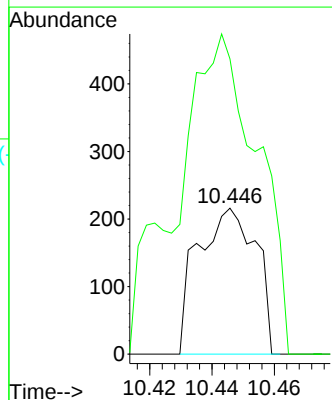
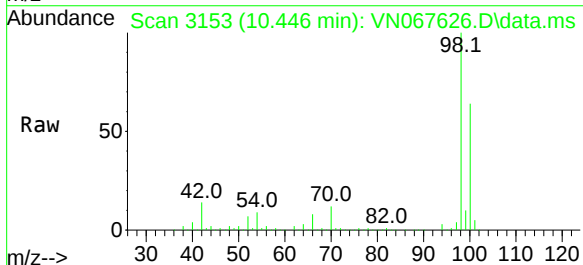
Instrument :
MSVOA_N
ClientSampleId :
WC-CROPSEY-AQUEOUS

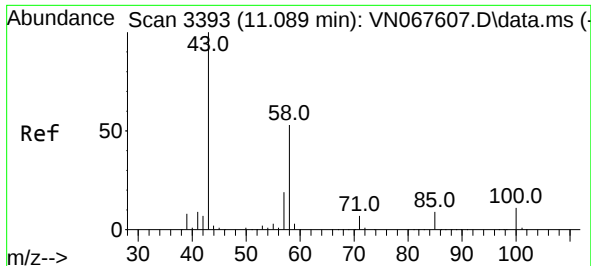
Tgt Ion: 92 Resp: 4430
Ion Ratio Lower Upper
92 100
91 180.2 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.752 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
77 124.5 25.1 37.7#

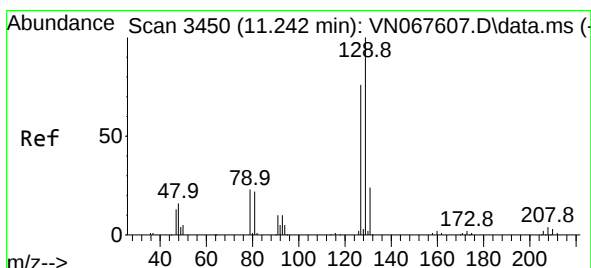
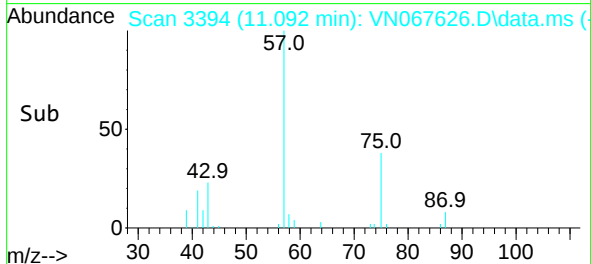
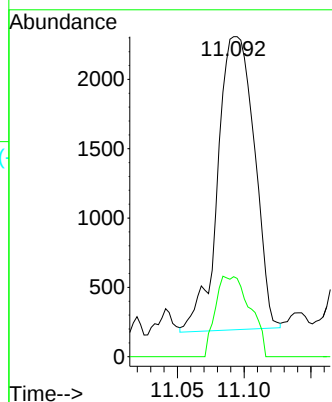
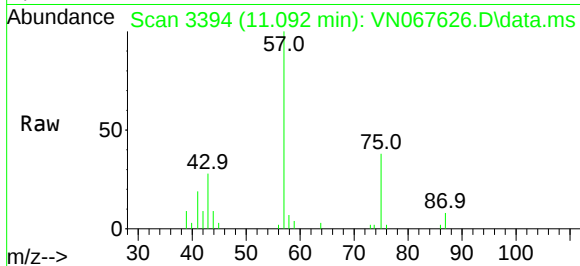




#59
2-Hexanone
Concen: 0.859 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

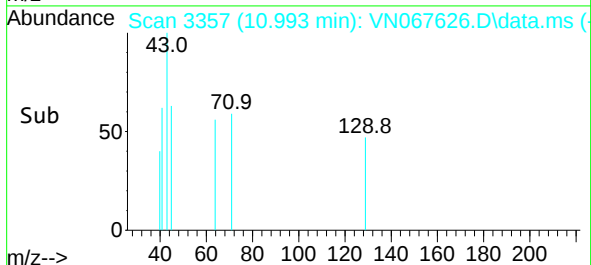
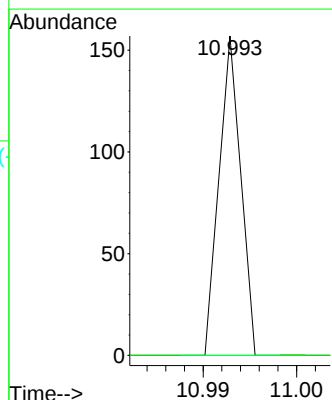
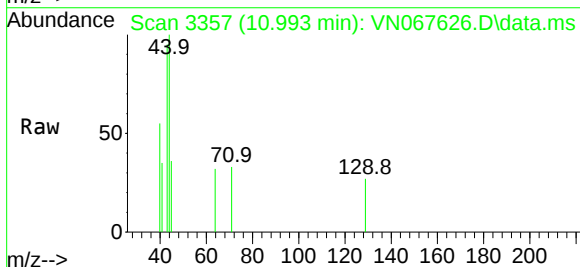
Instrument :
MSVOA_N
ClientSampleId :
WC-CROPSEY-AQUEOUS

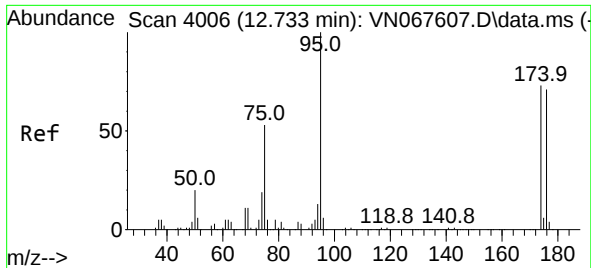
Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 25.8 24.7 74.1



#60
Dibromochloromethane
Concen: 2.052 ug/l
RT: 10.993 min Scan# 3357
Delta R.T. -0.249 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

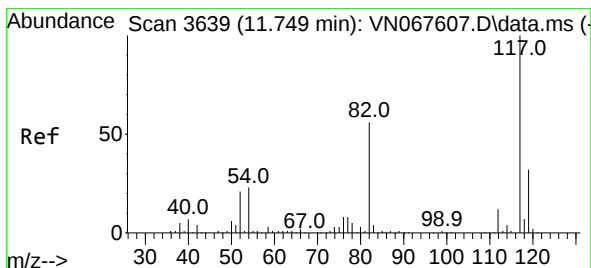
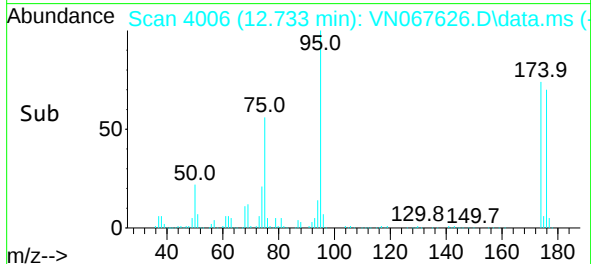
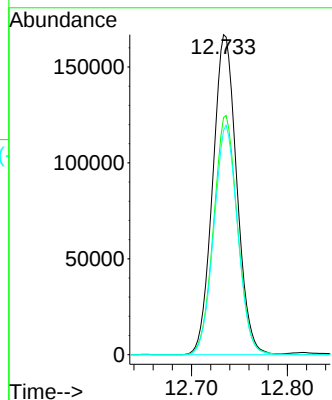
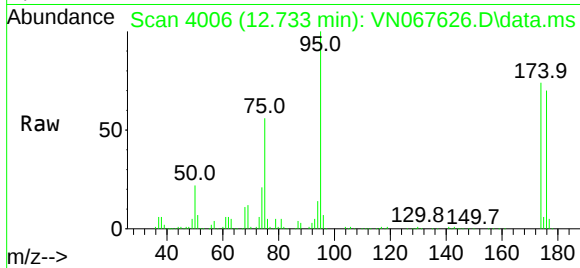




#62
4-Bromofluorobenzene
Concen: 44.809 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

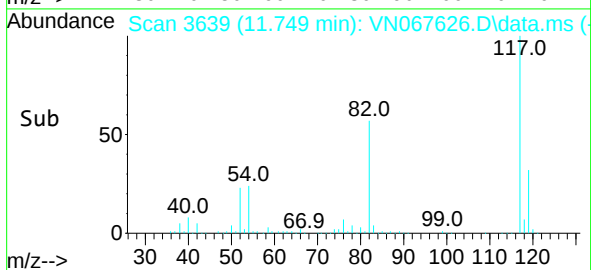
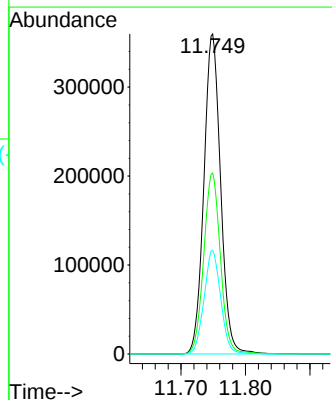
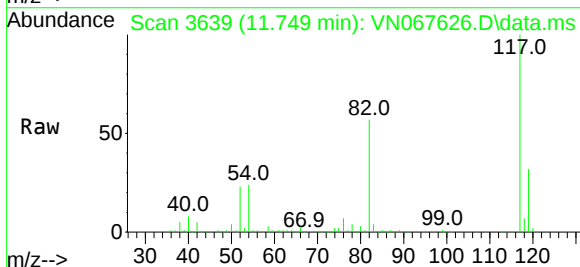
Instrument :
MSVOA_N
ClientSampleId :
WC-CROPSEY-AQUEOUS

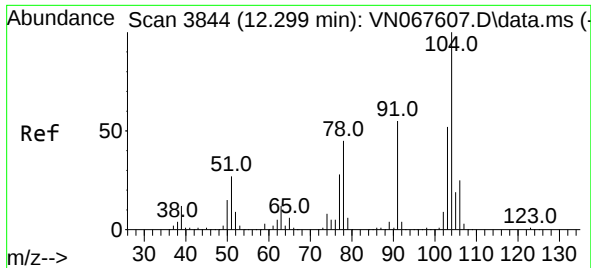
Tgt Ion: 95 Resp: 290307
Ion Ratio Lower Upper
95 100
174 74.5 0.0 122.0
176 71.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion: 117 Resp: 648404
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 32.4 25.5 38.3

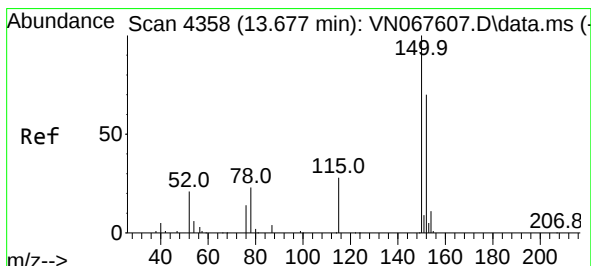
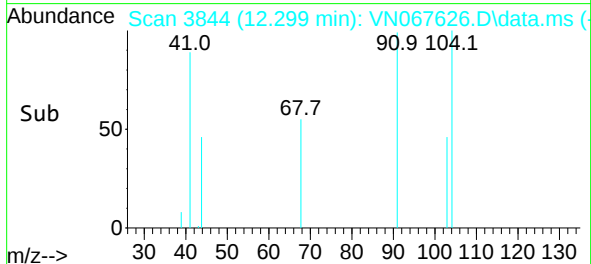
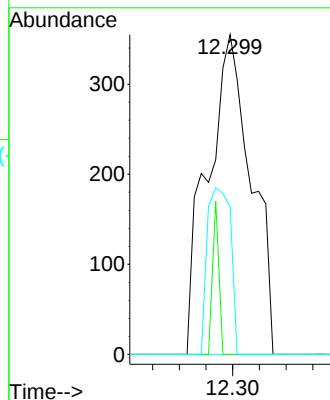
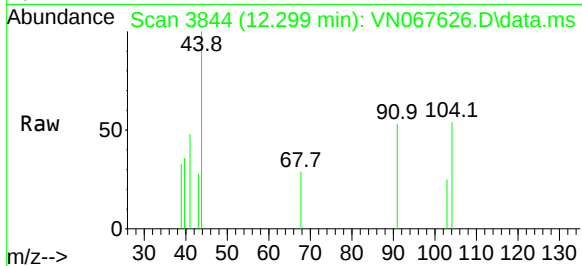




#70
Styrene
Concen: 1.369 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

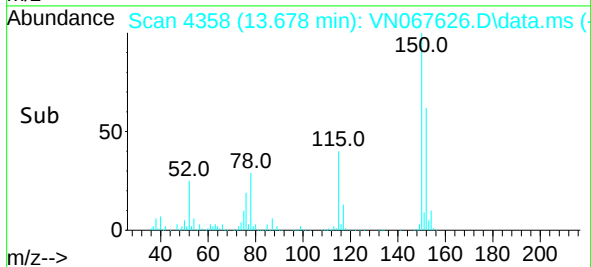
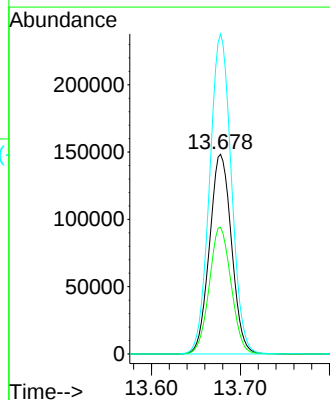
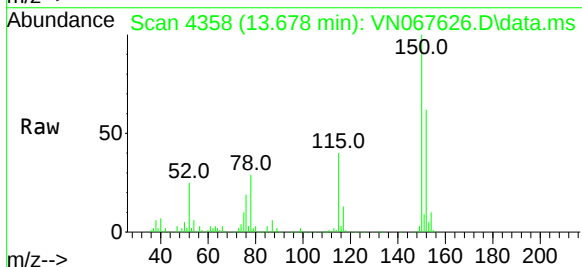
Instrument :
MSVOA_N
ClientSampleId :
WC-CROPSEY-AQUEOUS

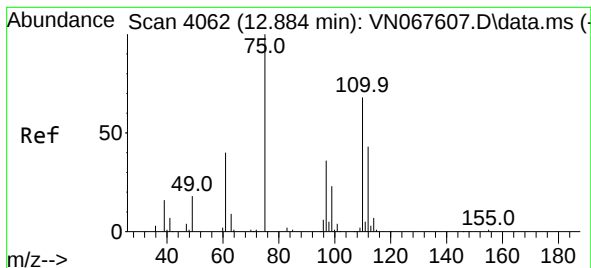
Tgt Ion:104 Resp: 405
Ion Ratio Lower Upper
104 100
78 6.7 48.2 72.2#
103 27.4 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Tgt Ion:152 Resp: 254903
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 158.2 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 32.309 ug/l

RT: 12.736 min Scan# 4007

Delta R.T. -0.148 min

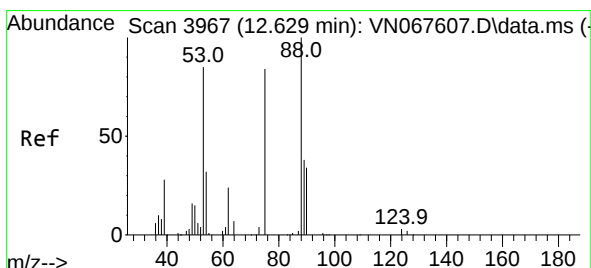
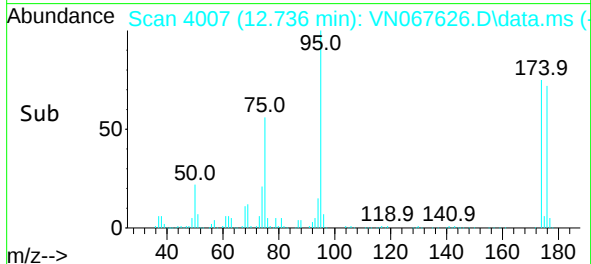
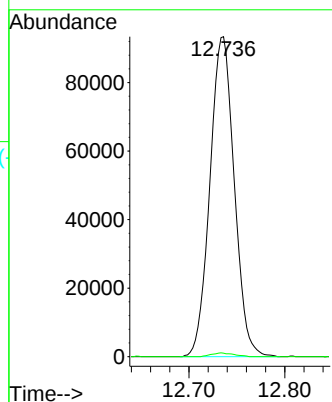
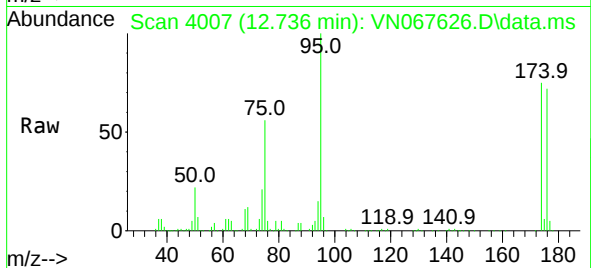
Lab File: VN067626.D

Acq: 2 Jul 2021 19:07

Tgt Ion: 75 Resp: 164711

Ion Ratio Lower Upper

75 100
77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.426 ug/l

RT: 12.736 min Scan# 4007

Delta R.T. 0.107 min

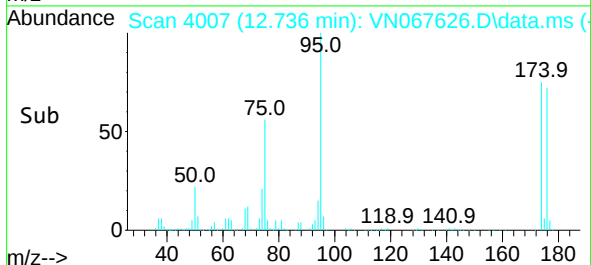
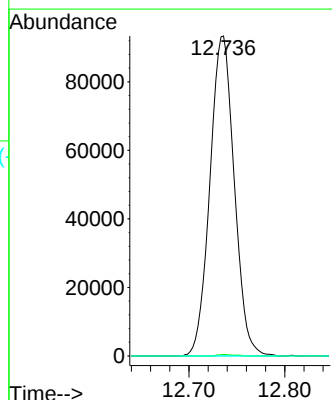
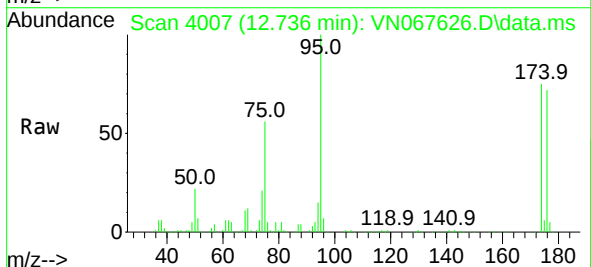
Lab File: VN067626.D

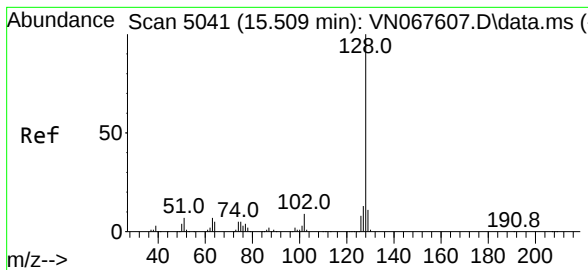
Acq: 2 Jul 2021 19:07

Tgt Ion: 75 Resp: 164711

Ion Ratio Lower Upper

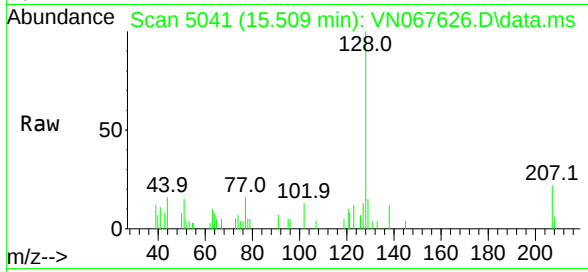
75 100
53 0.3 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 5.253 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067626.D
Acq: 2 Jul 2021 19:07

Instrument :
MSVOA_N
ClientSampleId :
WC-CROPSEY-AQUEOUS



Tgt Ion:	128	Resp:	9033
Ion Ratio	100	Lower	Upper
127	8.0	10.6	15.8#
129	13.5	8.6	12.8#

