

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067424.D
 Acq On : 21 Jun 2021 18:15
 Operator : JC/MD
 Sample : M2799-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8D

Quant Time: Jun 22 03:12:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	280015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	504536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	168131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277466	50.23	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.46%
35) Dibromofluoromethane	8.024	113	179224	46.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.84%
50) Toluene-d8	10.446	98	749648	51.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.40%
62) 4-Bromofluorobenzene	12.736	95	253440	41.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.88%

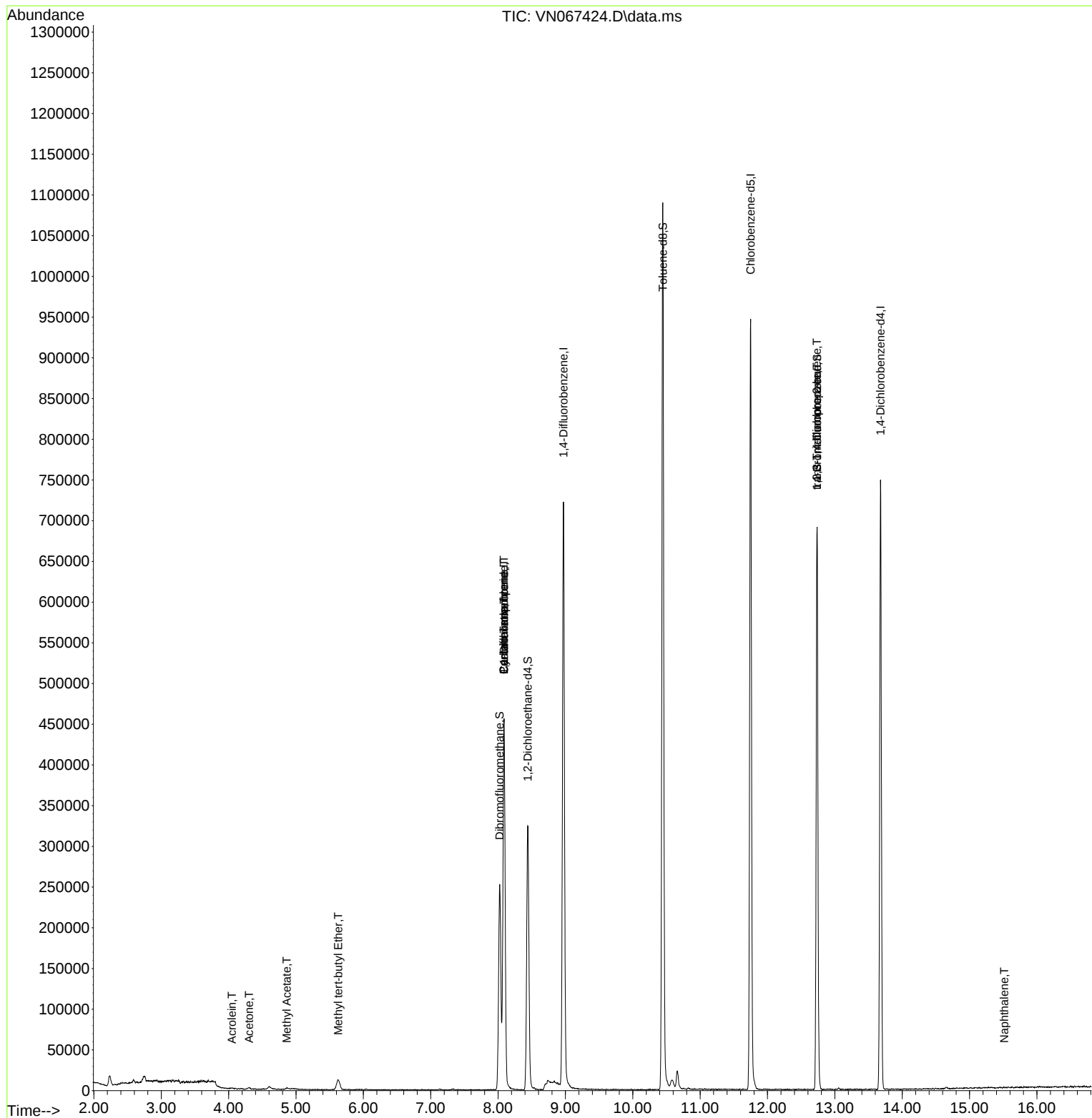
Target Compounds						Qvalue
13) Acrolein	4.047	56	516	0.91	ug/l #	75
16) Acetone	4.301	43	1505	0.71	ug/l #	80
18) Methyl Acetate	4.865	43	2040	0.40	ug/l #	89
19) Methyl tert-butyl Ether	5.626	73	19431	1.44	ug/l	93
31) Cyclohexane	8.088	56	10107	1.35	ug/l #	8
36) 1,1-Dichloropropene	8.088	75	34741	5.40	ug/l #	50
38) Carbon Tetrachloride	8.088	117	35127	5.08	ug/l #	16
76) 1,2,3-Trichloropropane	12.734	75	150638	34.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	150638	85.51	ug/l #	6
95) Naphthalene	15.515	128	378	2.64	ug/l #	75

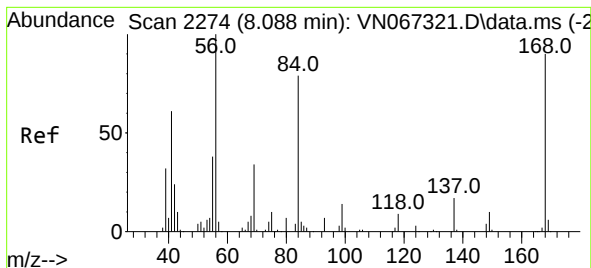
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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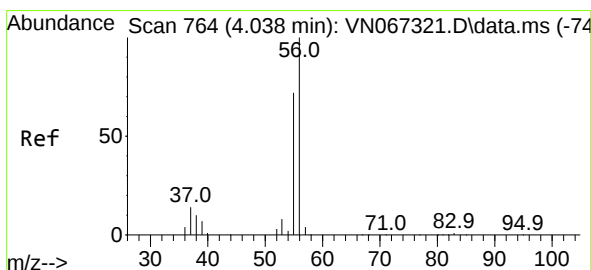
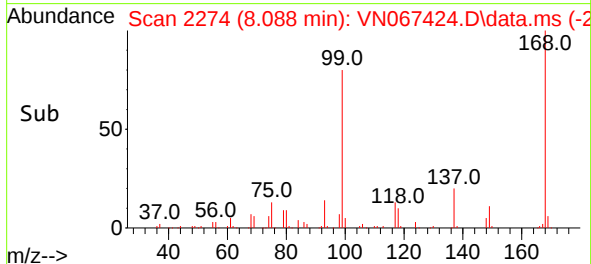
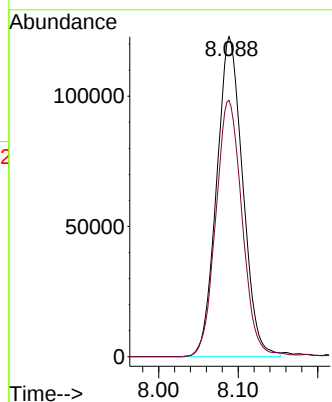
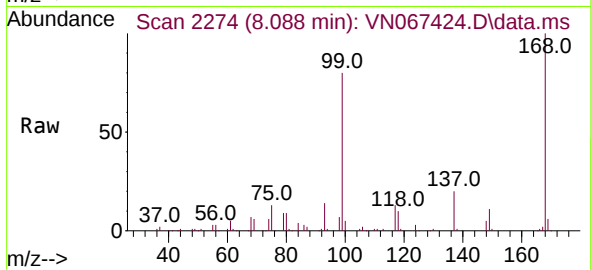




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

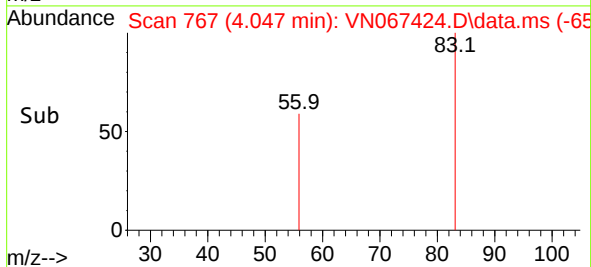
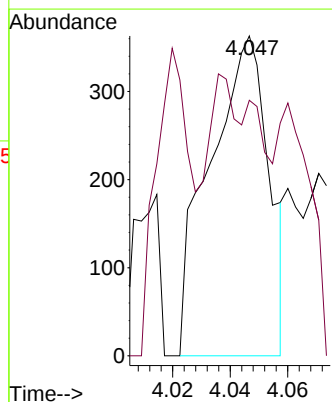
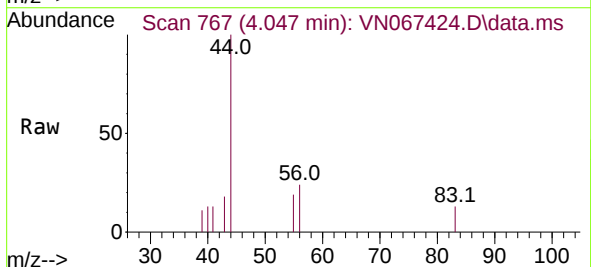
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MSVOA_N
ClientSampleId :
MW-8D

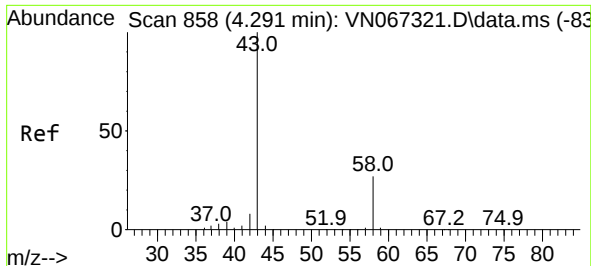
Tgt Ion:168 Resp: 280015
Ion Ratio Lower Upper
168 100
99 80.1 62.9 94.3



#13
Acrolein
Concen: 0.91 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.009 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 50.6 57.4 86.0#

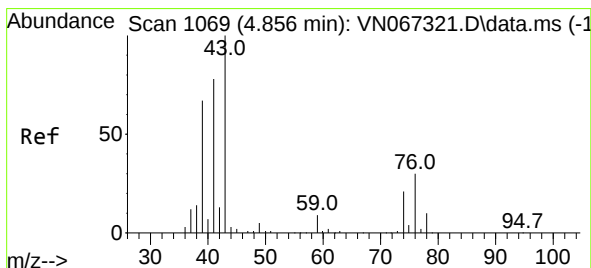
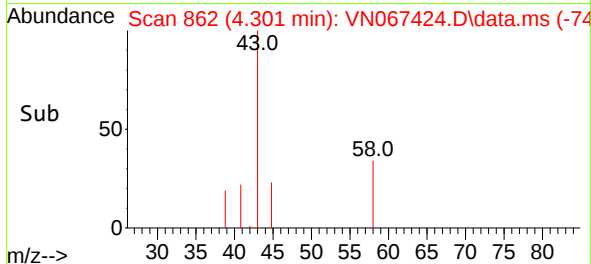
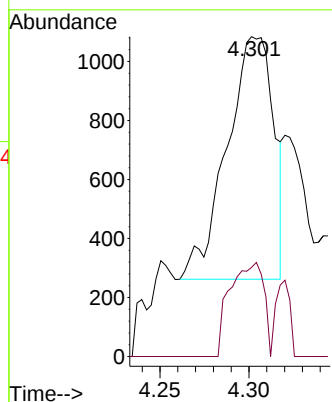
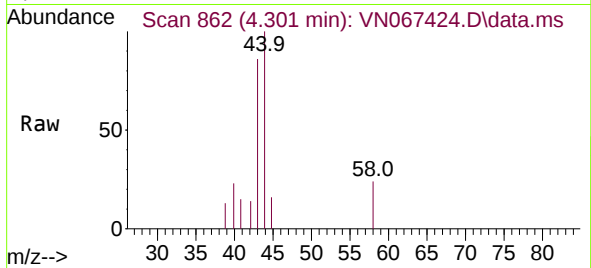




#16
Acetone
Concen: 0.71 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

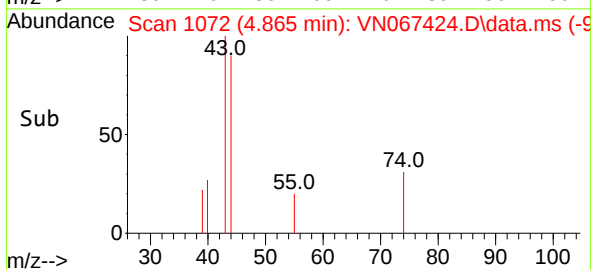
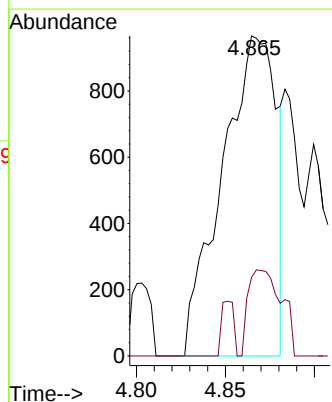
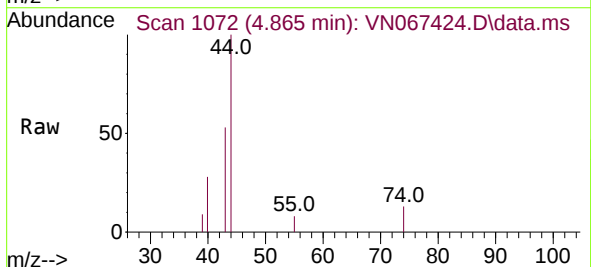
Instrument :
MSVOA_N
ClientSampled :
MW-8D

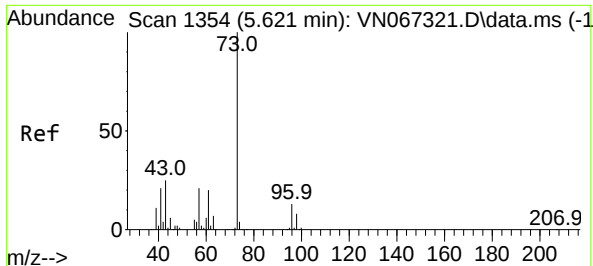
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 36.7 21.2 31.8#



#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
74 16.6 17.4 26.0#



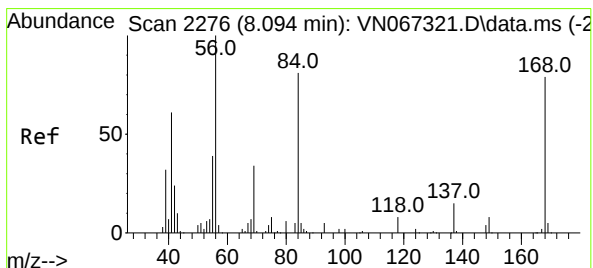
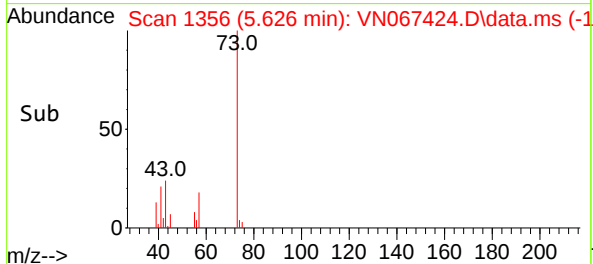
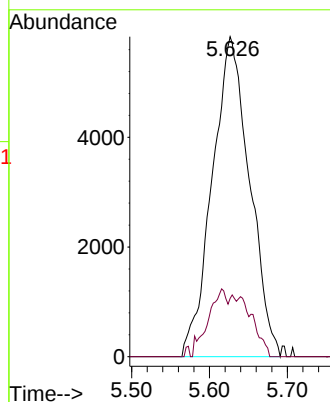
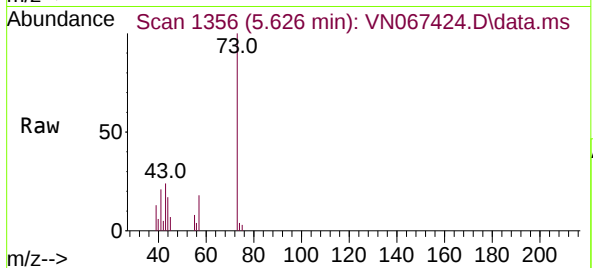


#19

Methyl tert-butyl Ether
Concen: 1.44 ug/l
RT: 5.626 min Scan# 1356
Delta R.T. 0.005 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Instrument :
MSVOA_N
ClientSampled :
MW-8D

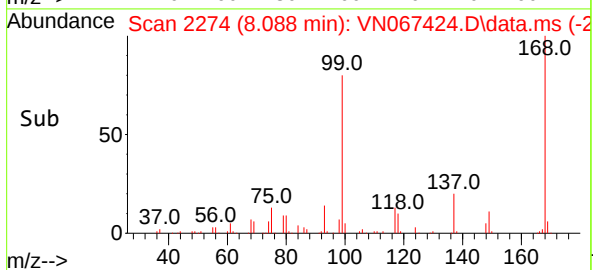
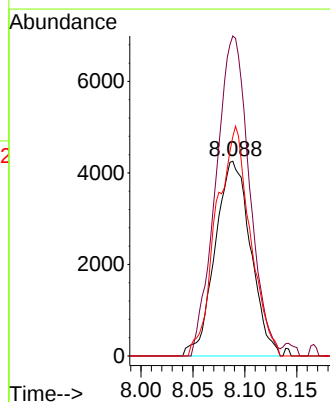
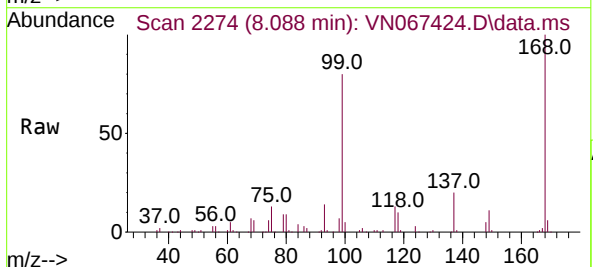
Tgt Ion: 73 Resp: 19431
Ion Ratio Lower Upper
73 100
57 18.2 17.0 25.6

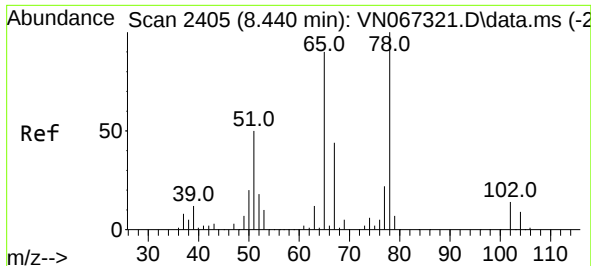


#31

Cyclohexane
Concen: 1.35 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Tgt Ion: 56 Resp: 10107
Ion Ratio Lower Upper
56 100
69 164.3 27.3 40.9#
84 112.6 64.9 97.3#

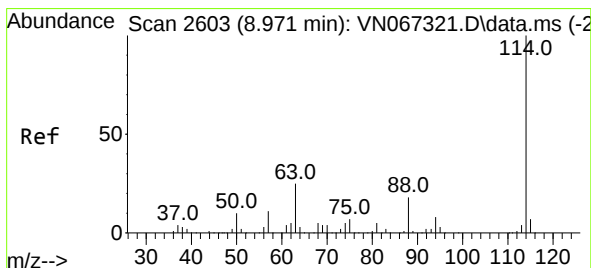
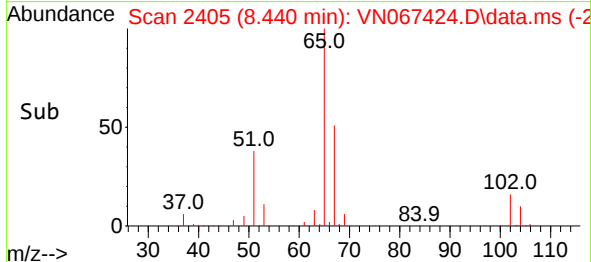
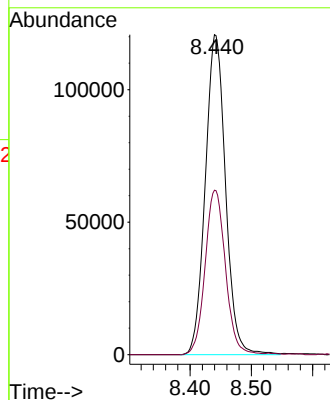
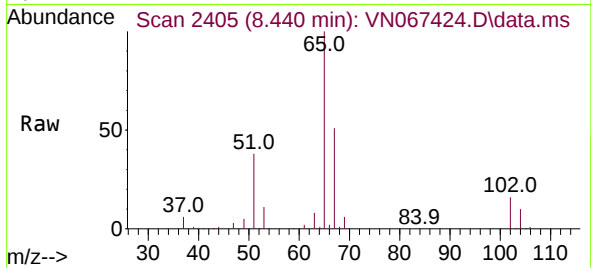




#33
 1,2-Dichloroethane-d4
 Concen: 50.23 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067424.D
 Acq: 21 Jun 2021 18:15

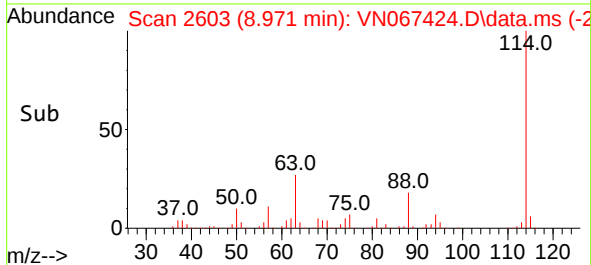
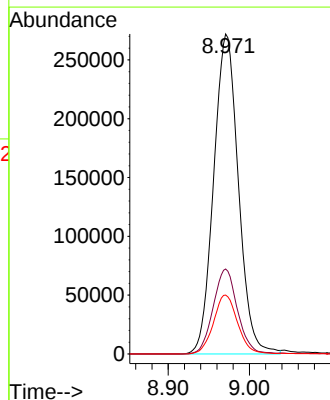
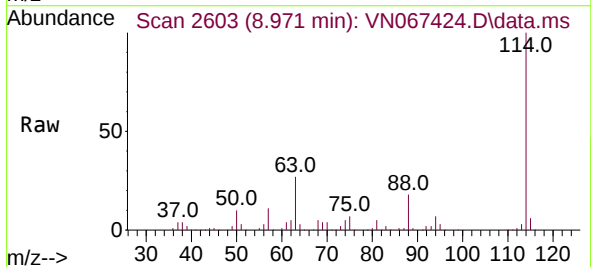
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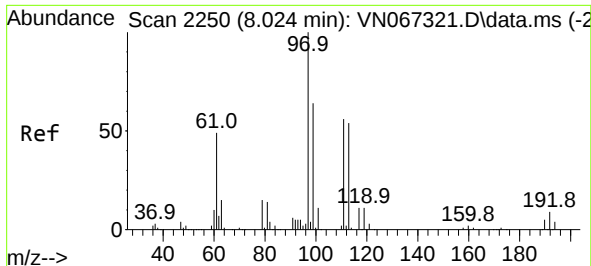
Tgt Ion: 65 Resp: 277466
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067424.D
 Acq: 21 Jun 2021 18:15

Tgt Ion: 114 Resp: 574382
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 49.0
 88 18.4 0.0 36.6

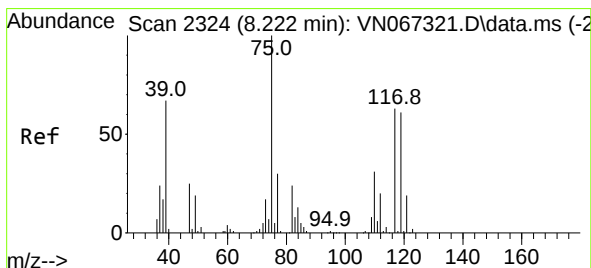
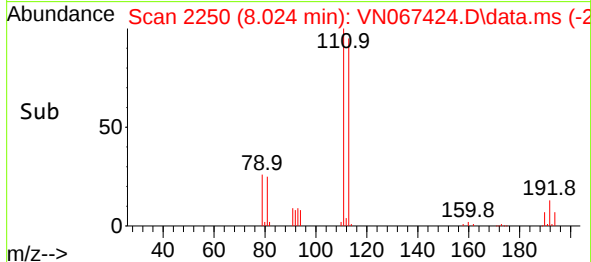
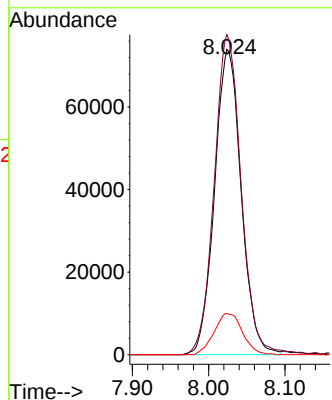
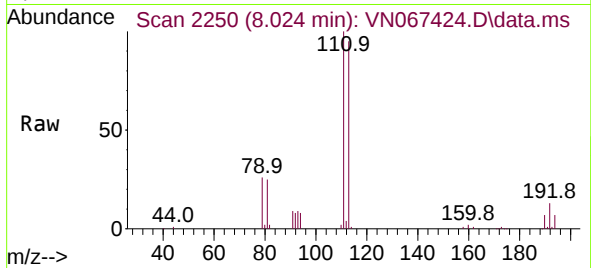




#35
Dibromofluoromethane
Concen: 46.92 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

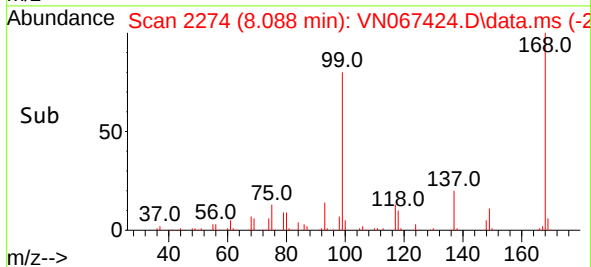
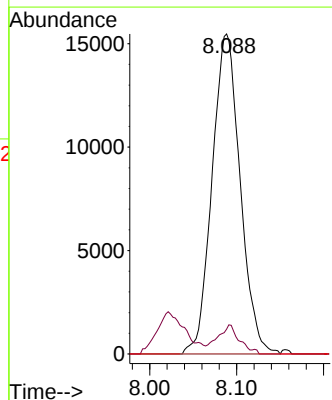
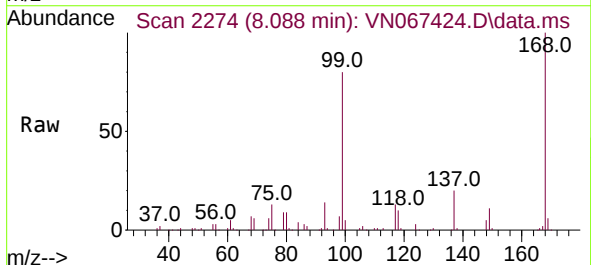
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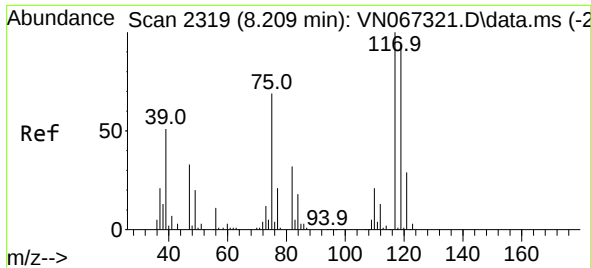
Tgt Ion:113 Resp: 179224
Ion Ratio Lower Upper
113 100
111 105.7 83.8 125.8
192 14.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.40 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Tgt Ion: 75 Resp: 34741
Ion Ratio Lower Upper
75 100
110 7.1 15.7 47.0#
77 0.0 24.6 37.0#

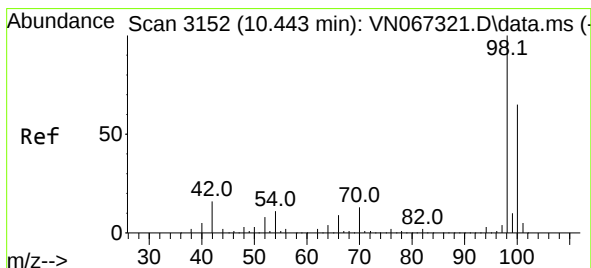
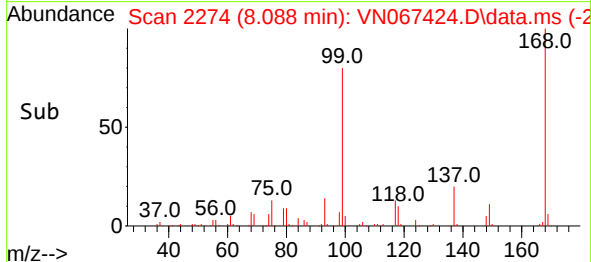
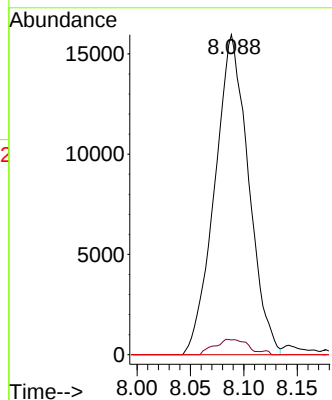
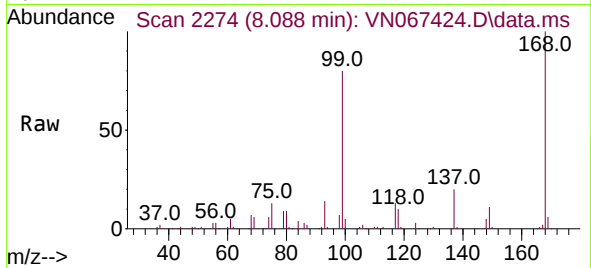




#38
Carbon Tetrachloride
Concen: 5.08 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

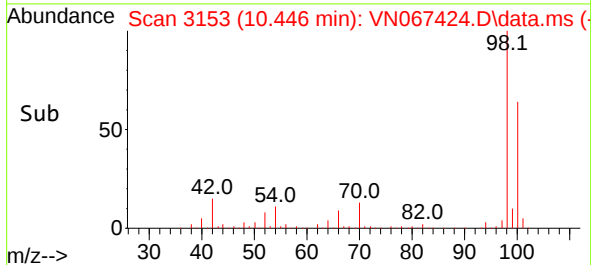
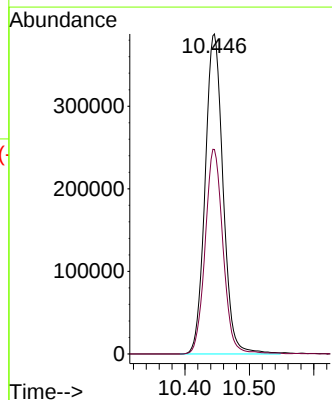
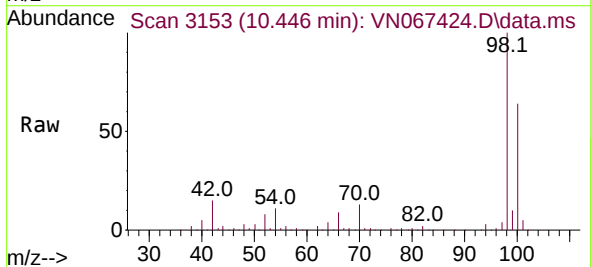
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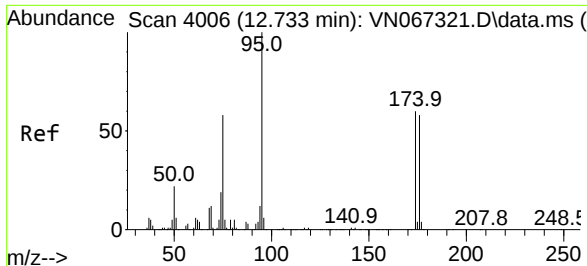
Tgt Ion:117 Resp: 35127
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.20 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

Tgt Ion: 98 Resp: 749648
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

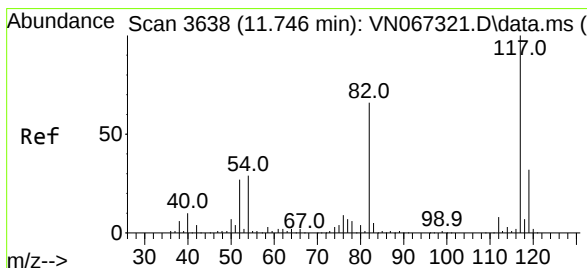
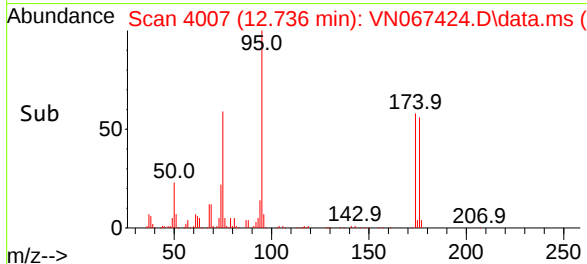
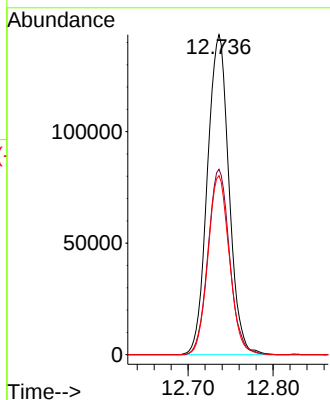
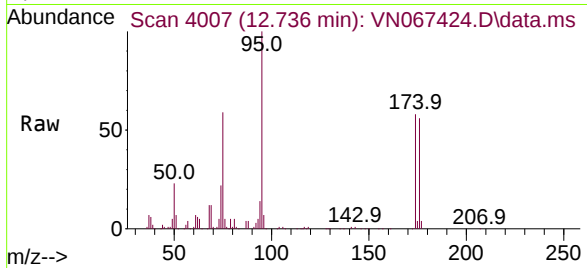




#62
4-Bromofluorobenzene
Concen: 41.94 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

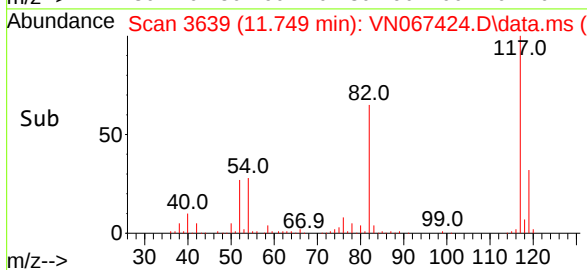
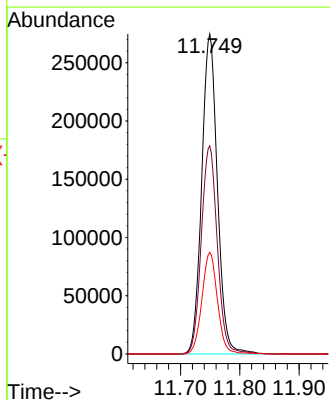
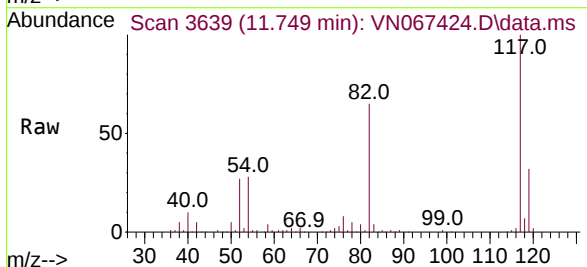
Instrument :
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MW-8D

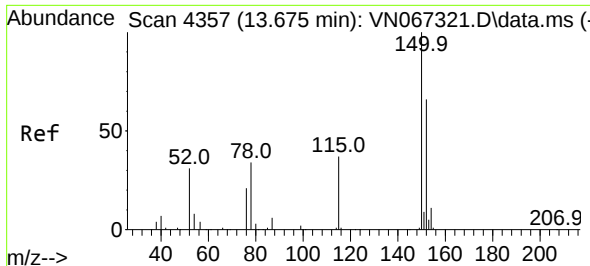
Tgt Ion: 95 Resp: 253440
Ion Ratio Lower Upper
95 100
174 58.1 0.0 122.0
176 55.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

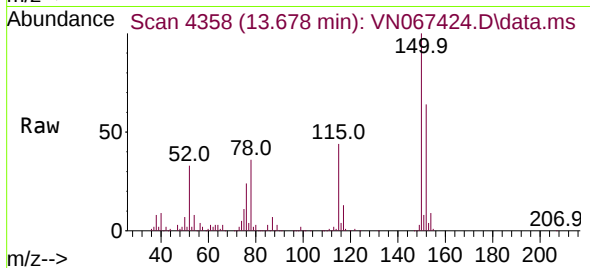
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Ion Ratio Lower Upper
117 100
82 65.0 53.1 79.7
119 31.7 25.5 38.3



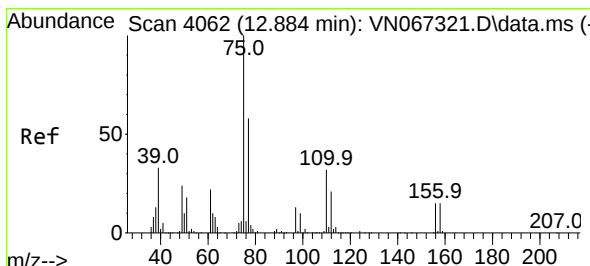
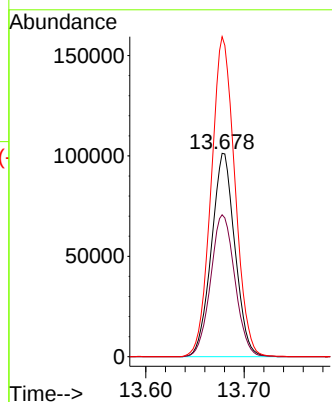
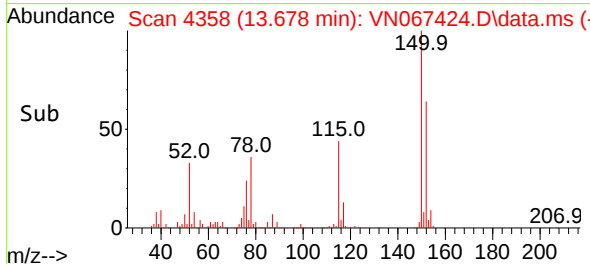


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN067424.D
 Acq: 21 Jun 2021 18:15

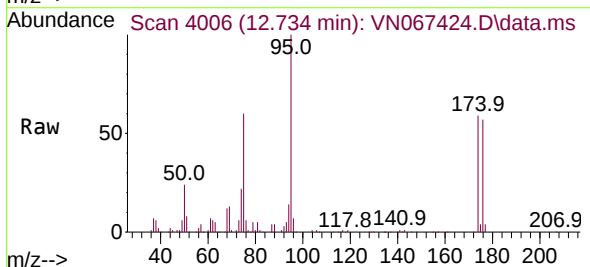
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8D



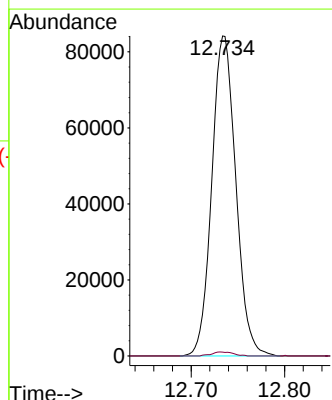
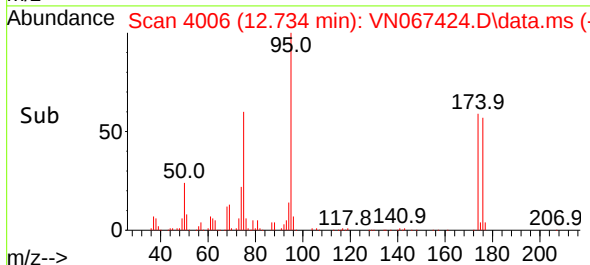
Tgt Ion:152 Resp: 168131
 Ion Ratio Lower Upper
 152 100
 115 72.1 36.1 108.5
 150 158.9 0.0 351.8

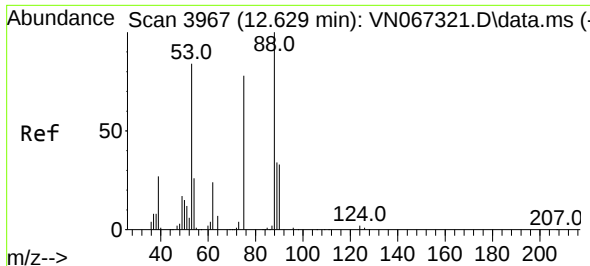


#76
 1,2,3-Trichloropropane
 Concen: 34.50 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN067424.D
 Acq: 21 Jun 2021 18:15



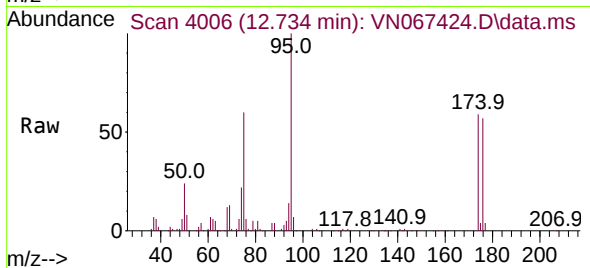
Tgt Ion: 75 Resp: 150638
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



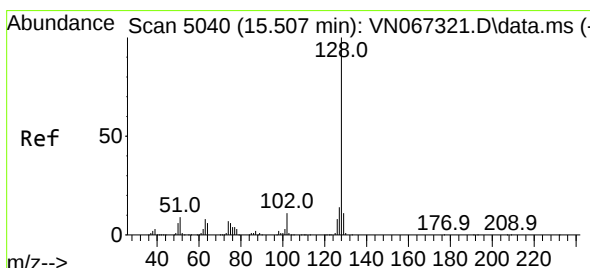
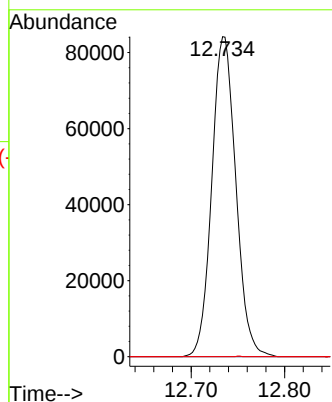
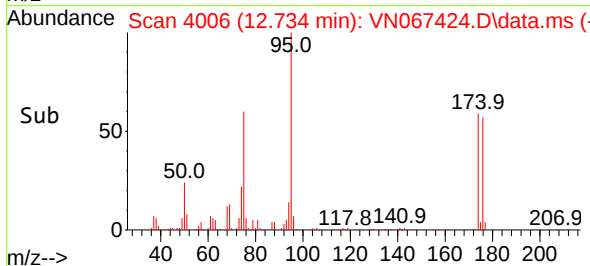


#81
trans-1,4-Dichloro-2-butene
Concen: 85.51 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15

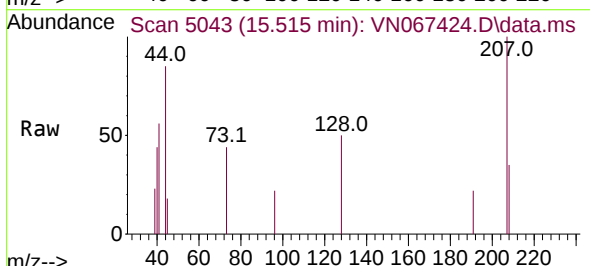
Instrument :
MSVOA_N
ClientSampleId :
MW-8D



Tgt Ion: 75 Resp: 150638
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.64 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN067424.D
Acq: 21 Jun 2021 18:15



Tgt Ion: 128 Resp: 378
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 16.4 8.6 12.8#

