

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069191.D
 Acq On : 26 Oct 2021 17:35
 Operator : JC/MD
 Sample : M4337-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

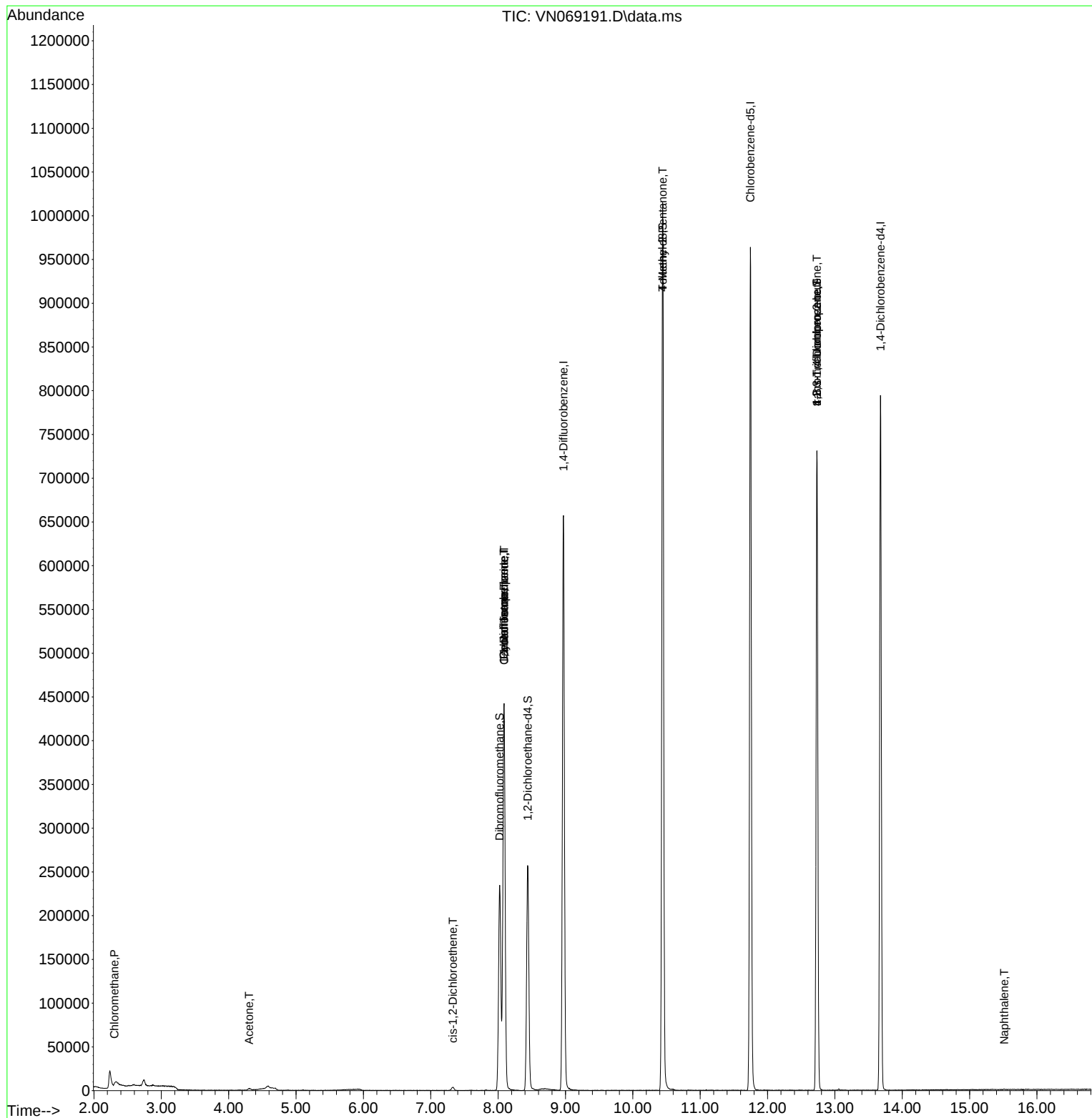
Internal Standards						
1) Pentafluorobenzene	8.088	168	339265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.970	114	589162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	566969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	212656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	220126	49.211	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.420%
35) Dibromofluoromethane	8.024	113	171735	50.101	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.200%
50) Toluene-d8	10.443	98	730109	53.234	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.733	95	265694	51.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1334	0.322	ug/l	96
16) Acetone	4.304	43	1875	1.123	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	1998	0.467	ug/l	93
31) Cyclohexane	8.088	56	7776	1.118	ug/l #	1
36) 1,1-Dichloropropene	8.085	75	27945	5.553	ug/l #	49
38) Carbon Tetrachloride	8.091	117	34739	6.285	ug/l #	15
51) 4-Methyl-2-Pentanone	10.443	43	3298	0.620	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	139344	30.796	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	139344	73.678	ug/l #	12
95) Naphthalene	15.514	128	347	3.844	ug/l #	69

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

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Response via : Initial Calibration

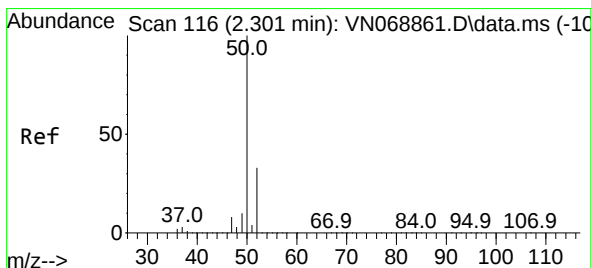
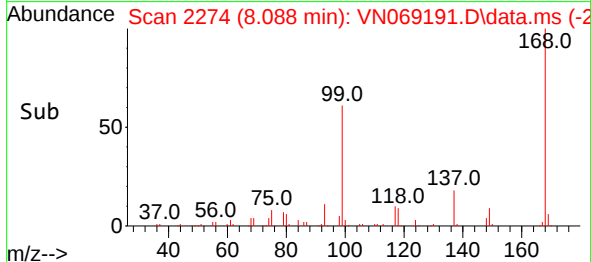
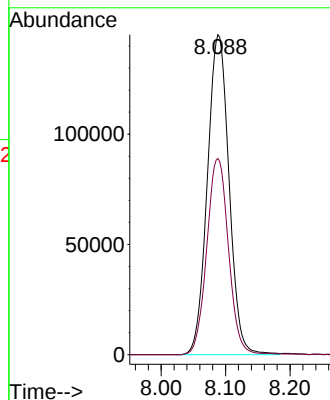
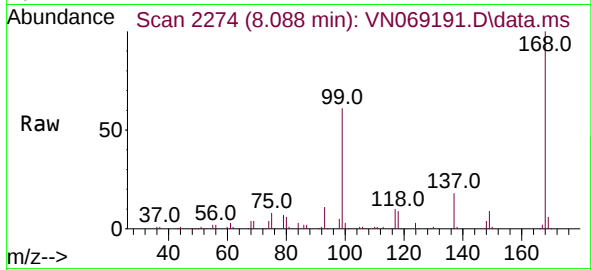




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

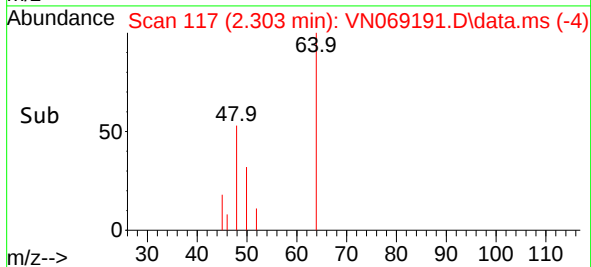
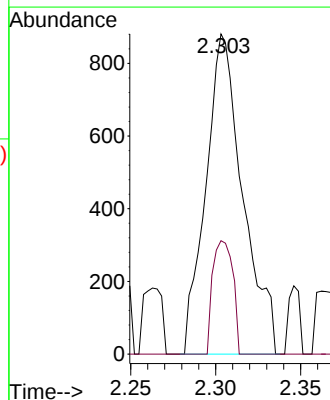
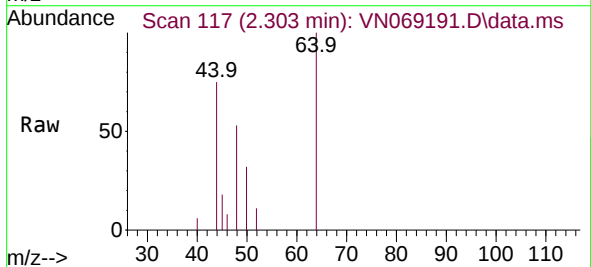
Instrument :
MSVOA_N
ClientSampled :

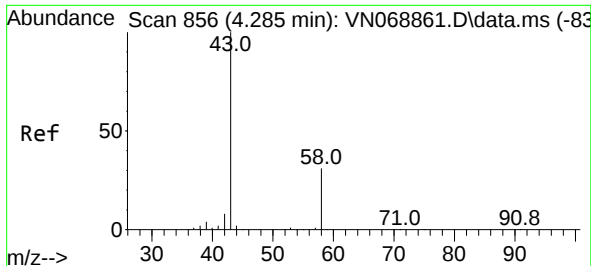
Tgt Ion:168 Resp: 339265
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#3
Chloromethane
Concen: 0.322 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 35.4 26.3 39.5

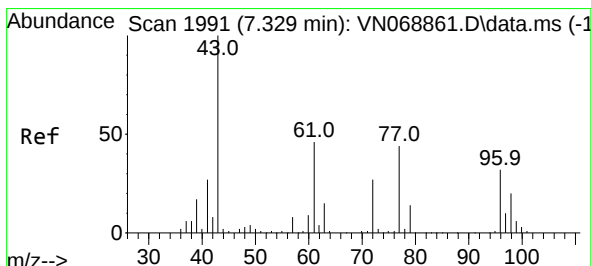
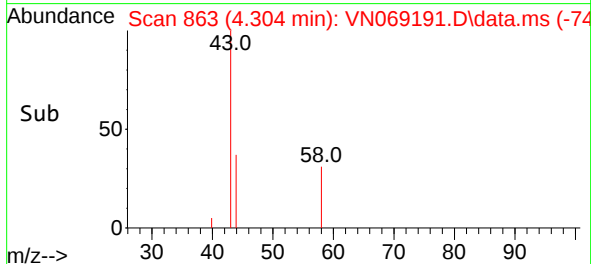
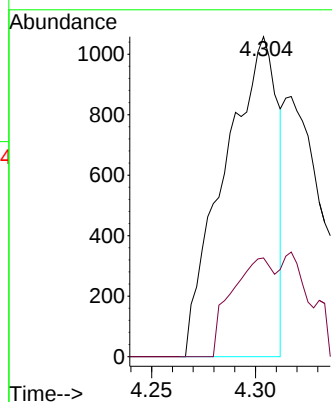
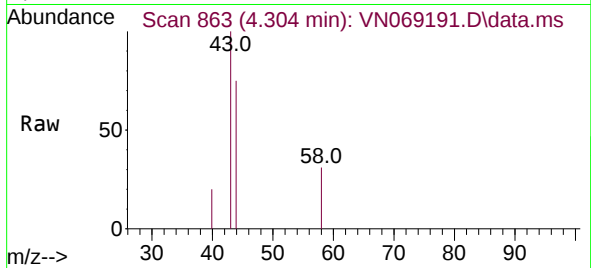




#16
Acetone
Concen: 1.123 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

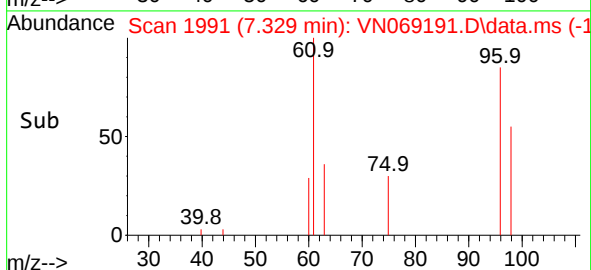
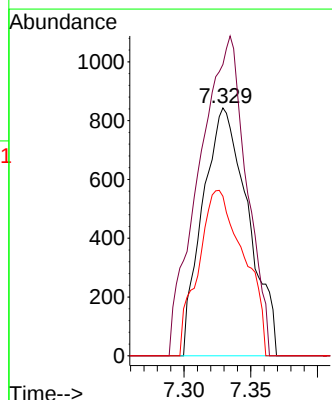
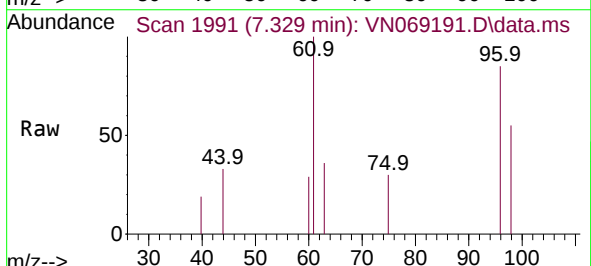
Instrument :
MSVOA_N
ClientSampled :

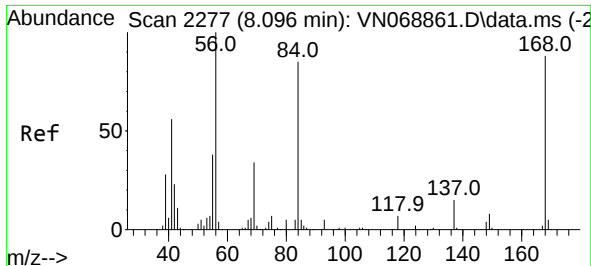
Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7



#27
cis-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 96 Resp: 1998
Ion Ratio Lower Upper
96 100
61 134.5 0.0 290.6
98 66.9 0.0 127.2

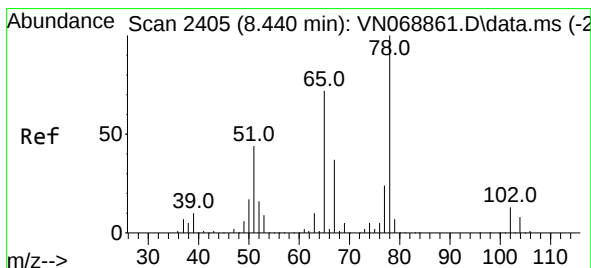
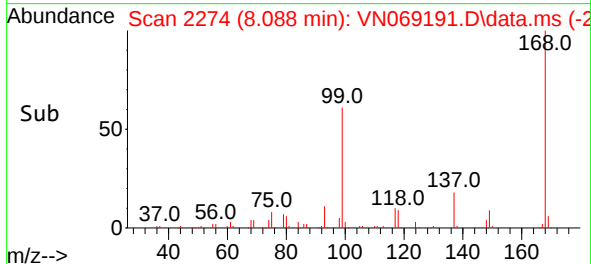
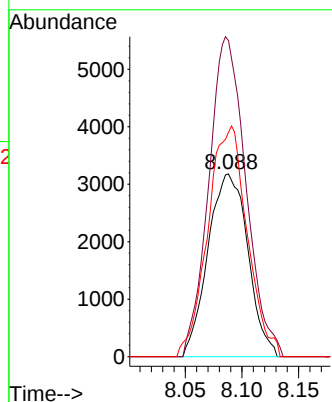
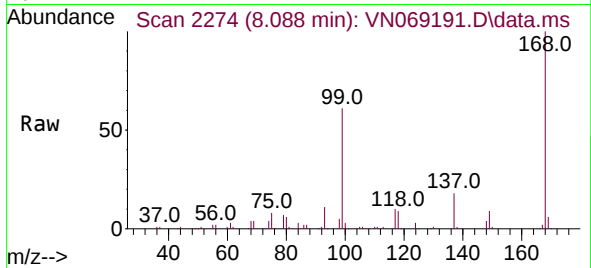




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

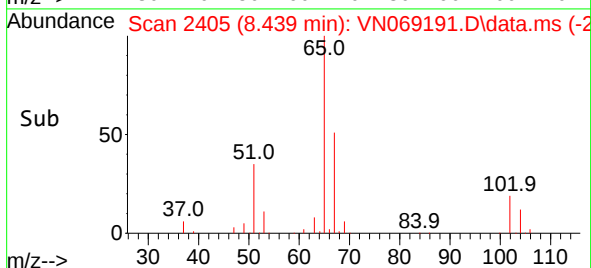
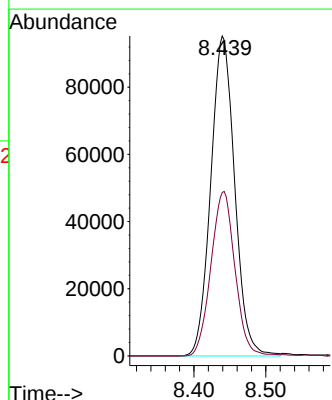
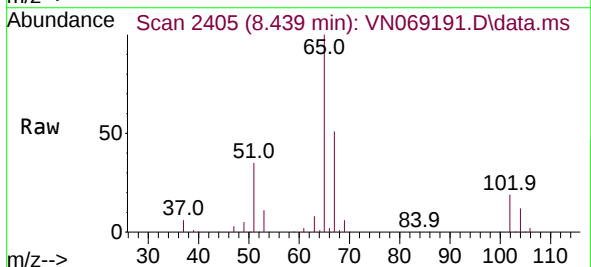
Instrument :
MSVOA_N
ClientSampled :

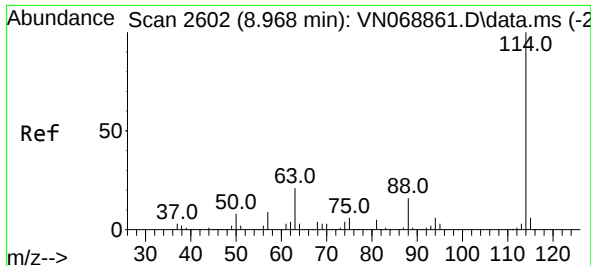
Tgt Ion: 56 Resp: 7776
Ion Ratio Lower Upper
56 100
69 172.9 26.9 40.3#
84 122.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.211 ug/l
RT: 8.439 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 65 Resp: 220126
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.970 min Scan# 2603

Delta R.T. 0.002 min

Lab File: VN069191.D

Acq: 26 Oct 2021 17:35

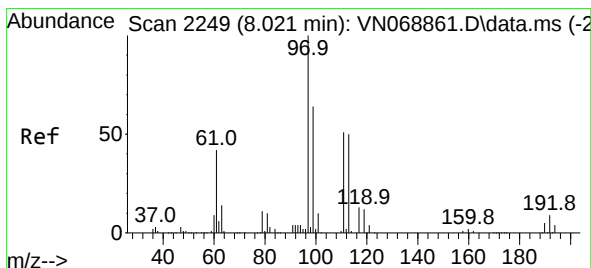
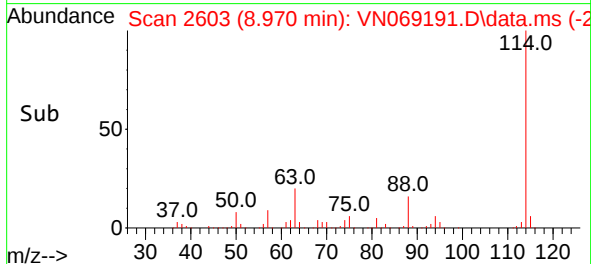
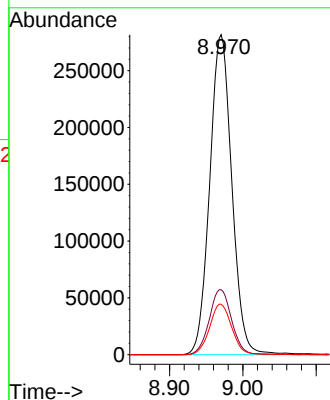
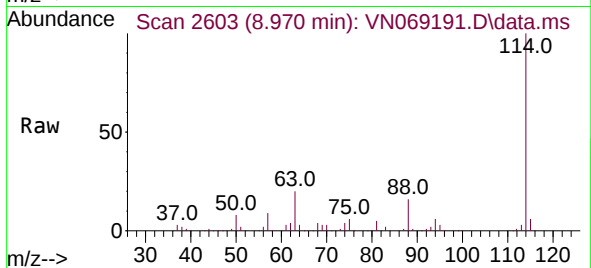
Tgt Ion:114 Resp: 589162

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.101 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.002 min

Lab File: VN069191.D

Acq: 26 Oct 2021 17:35

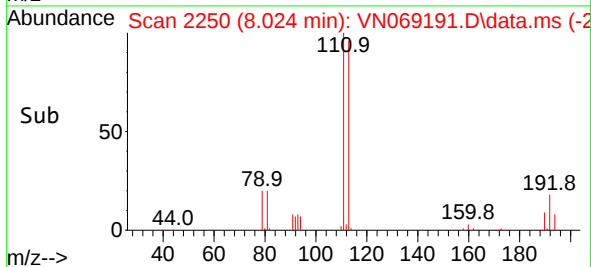
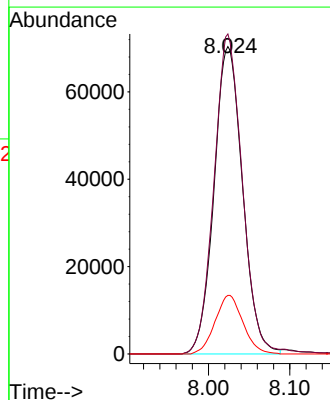
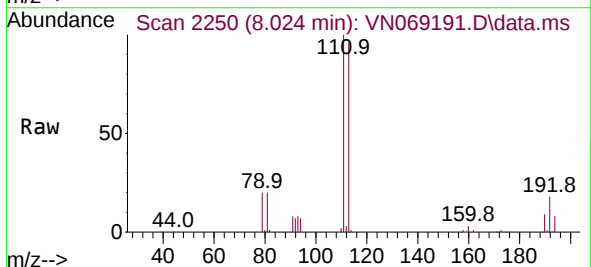
Tgt Ion:113 Resp: 171735

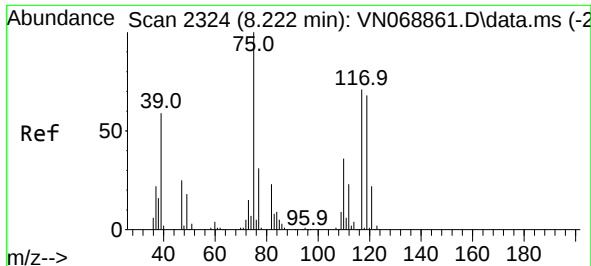
Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 18.7 15.0 22.4

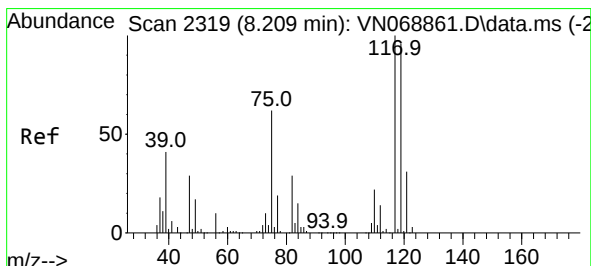
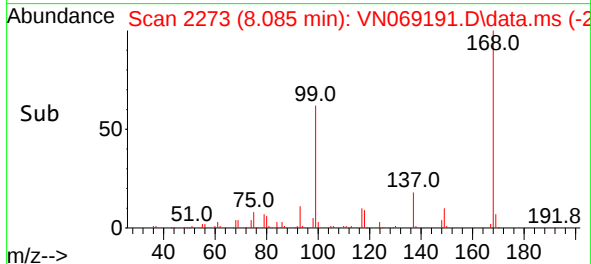
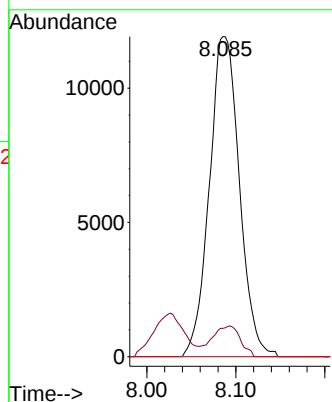
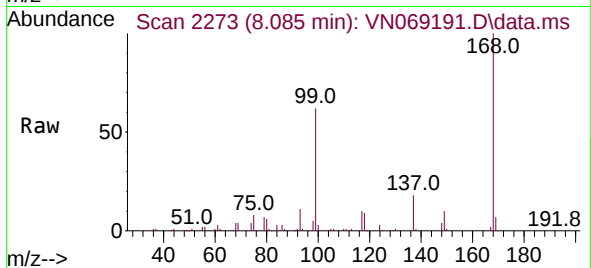




#36
1,1-Dichloropropene
Concen: 5.553 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

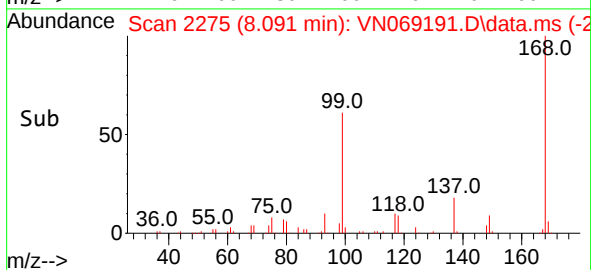
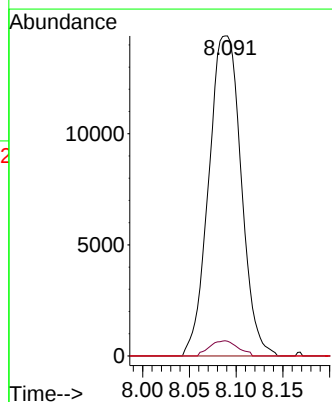
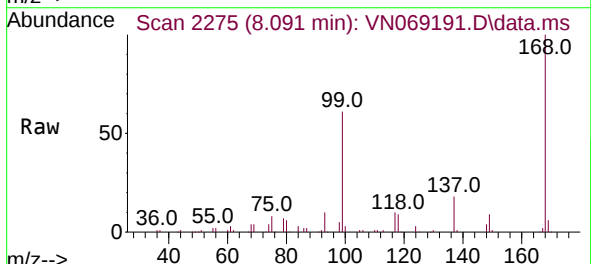
Instrument :
MSVOA_N
ClientSampled :

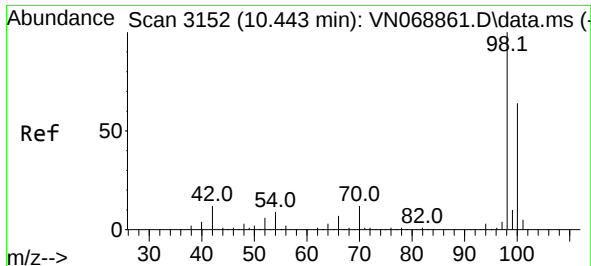
Tgt Ion: 75 Resp: 27945
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 117 Resp: 34739
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.6 37.0#

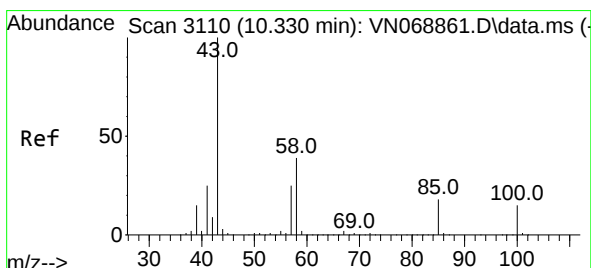
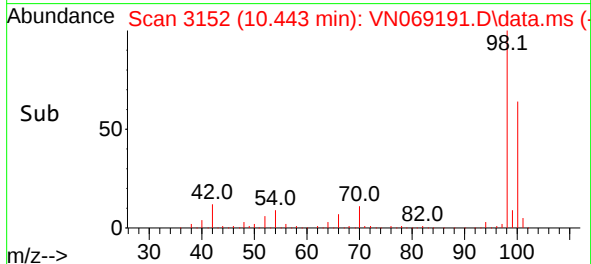
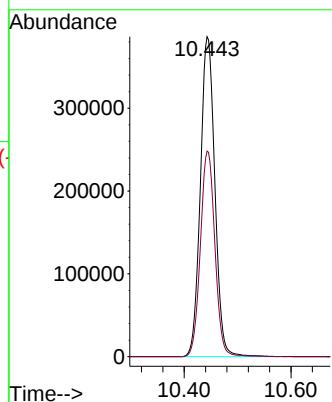
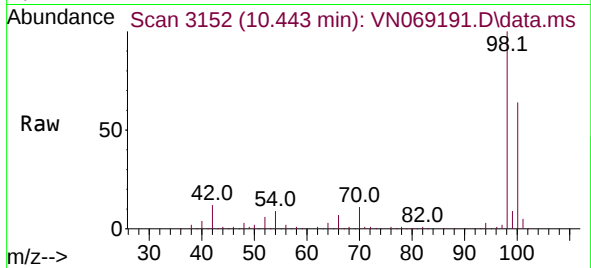




#50
Toluene-d8
Concen: 53.234 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

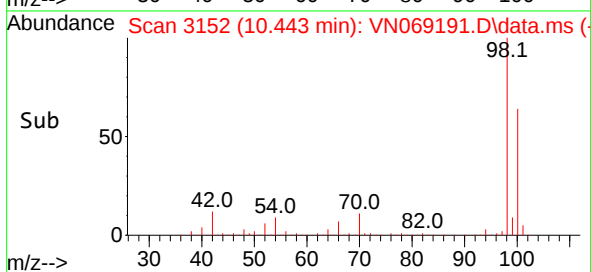
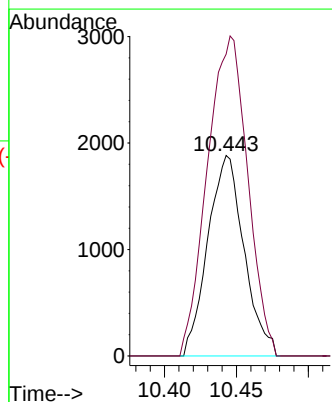
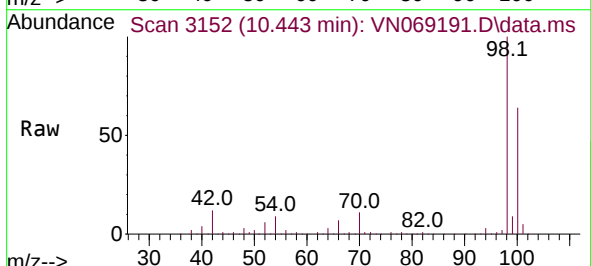
Instrument :
MSVOA_N
ClientSampled :

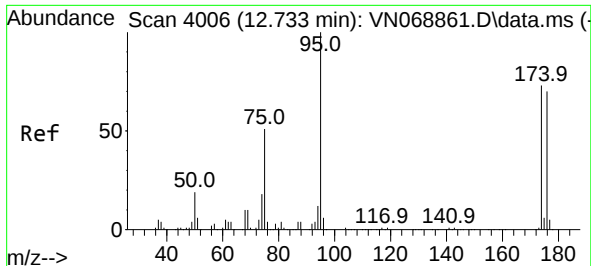
Tgt Ion: 98 Resp: 730109
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.112 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 43 Resp: 3298
Ion Ratio Lower Upper
43 100
58 177.7 31.0 46.4#

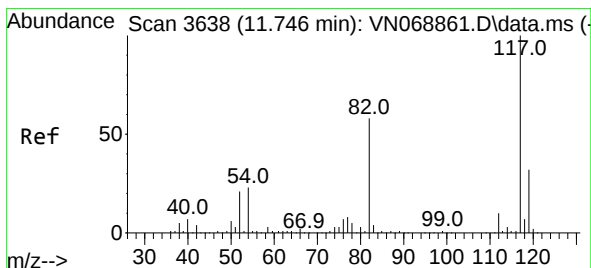
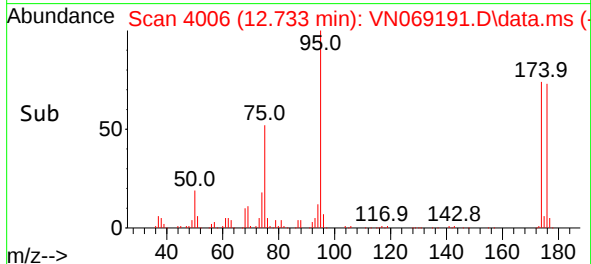
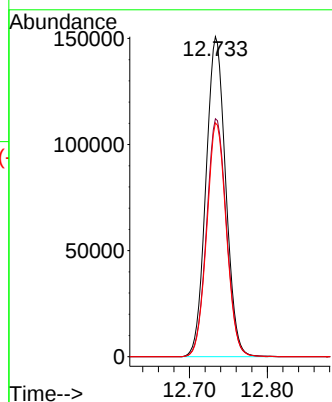
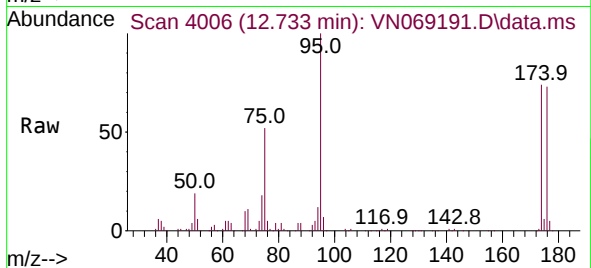




#62
4-Bromofluorobenzene
Concen: 51.346 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

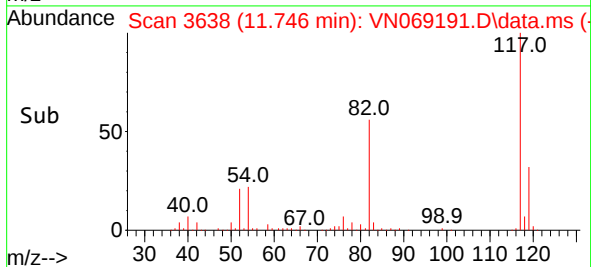
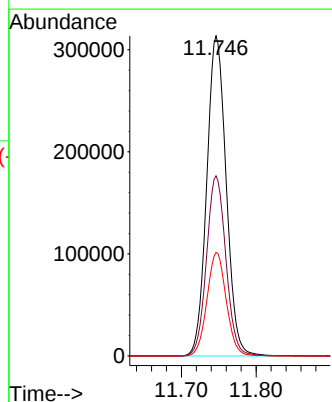
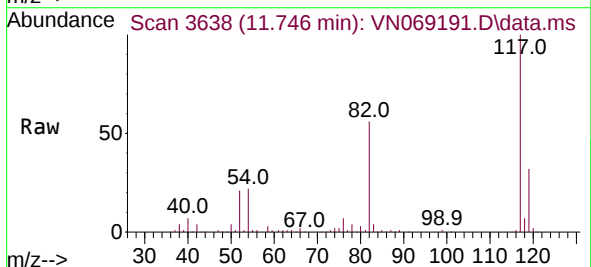
Instrument :
MSVOA_N
ClientSampleId :

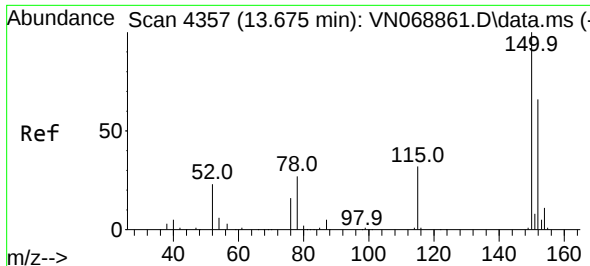
Tgt Ion: 95 Resp: 265694
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion: 117 Resp: 566969
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.4 26.0 39.0

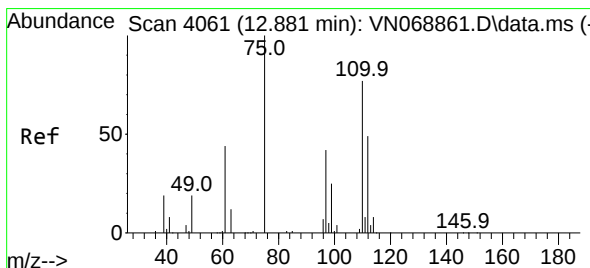
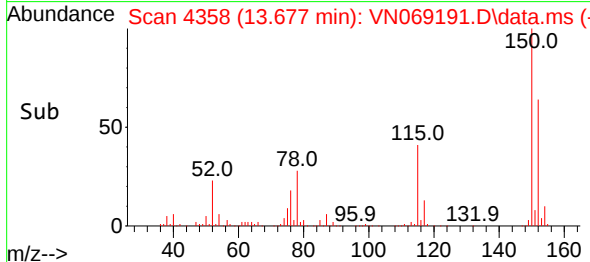
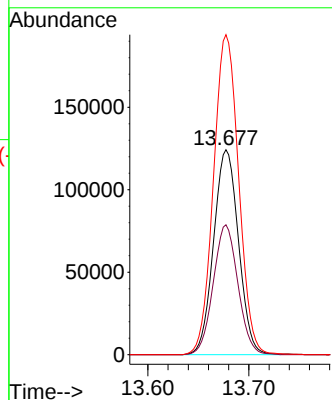
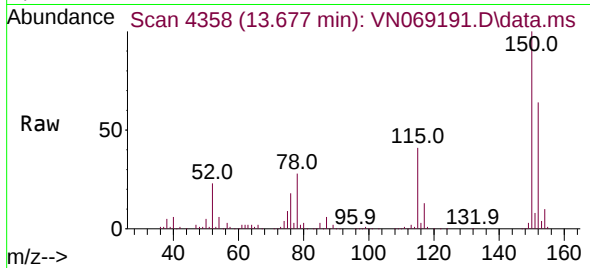




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN069191.D
 Acq: 26 Oct 2021 17:35

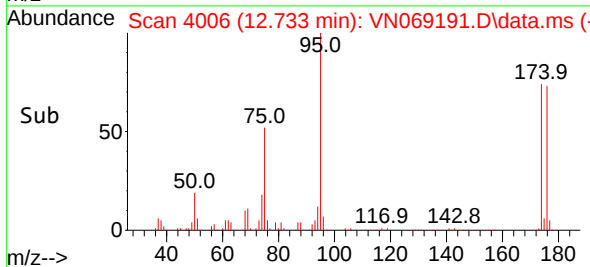
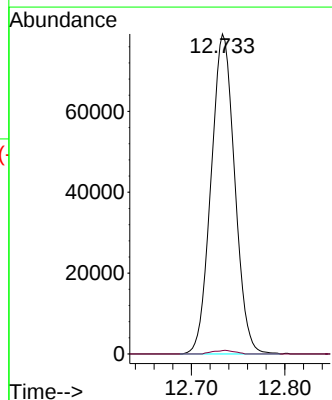
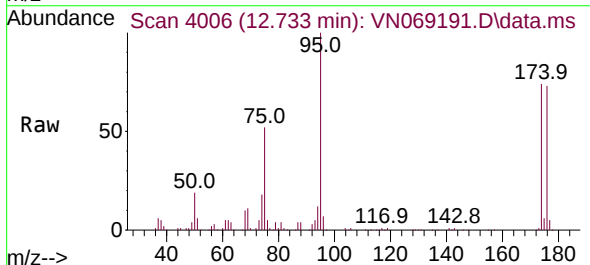
Instrument :
 MSVOA_N
 ClientSampled :

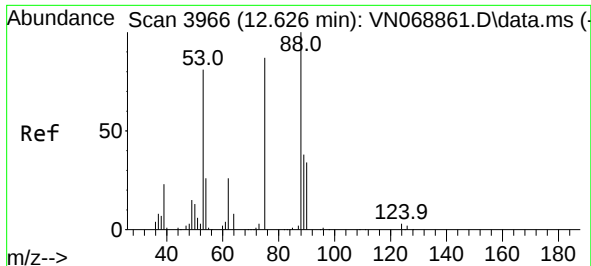
Tgt Ion:152 Resp: 212656
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.4 94.3
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.796 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069191.D
 Acq: 26 Oct 2021 17:35

Tgt Ion: 75 Resp: 139344
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

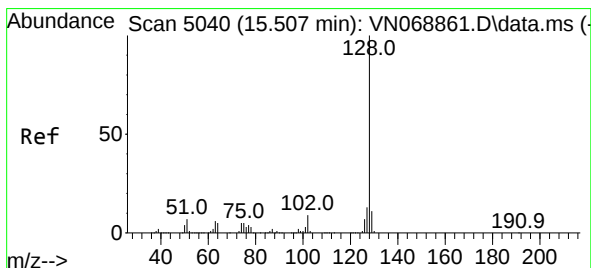
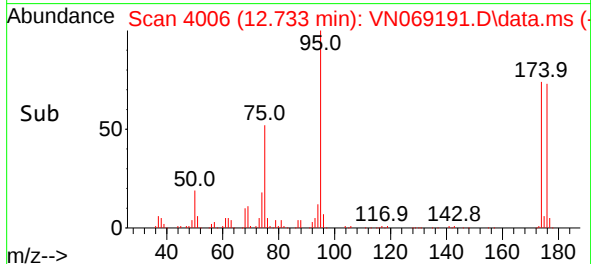
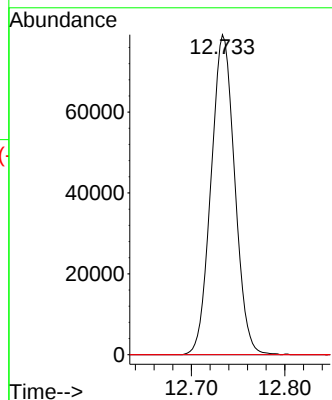
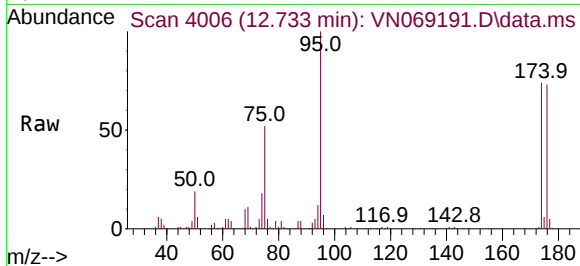




#81
trans-1,4-Dichloro-2-butene
Concen: 73.678 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 139344
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.844 ug/l
RT: 15.514 min Scan# 5043
Delta R.T. 0.007 min
Lab File: VN069191.D
Acq: 26 Oct 2021 17:35

Tgt Ion:128 Resp: 347
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

