

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068912.D
 Acq On : 13 Oct 2021 21:25
 Operator : JC/MD
 Sample : M4192-19 10X
 Misc : 4.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-19

Quant Time: Oct 14 06:44:54 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)

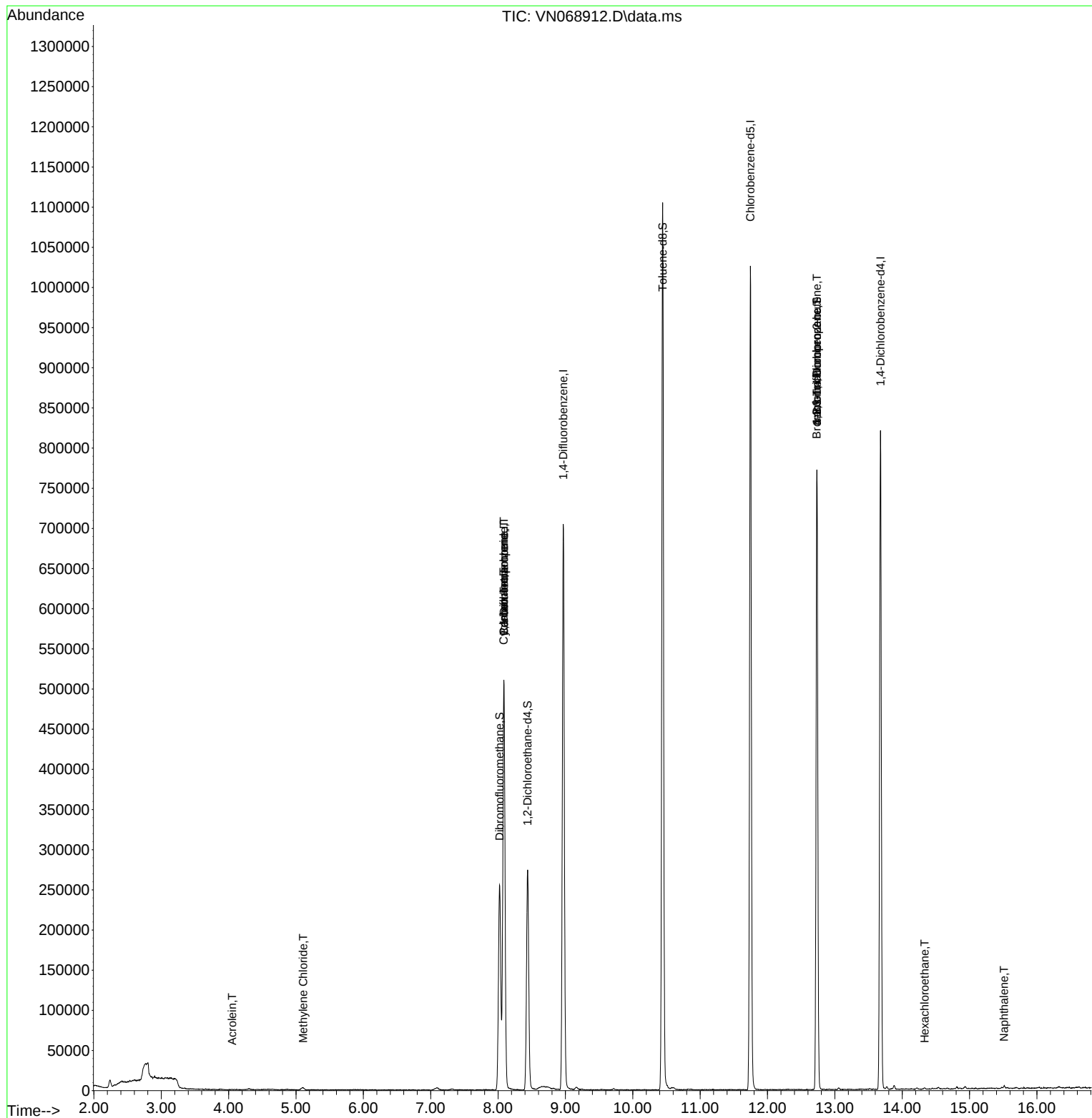
Internal Standards						
1) Pentafluorobenzene	8.086	168	400735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	646158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	606896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	227843	43.123	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.240%		
35) Dibromofluoromethane	8.021	113	190154	50.581	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.160%		
50) Toluene-d8	10.443	98	789497	52.486	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.980%		
62) 4-Bromofluorobenzene	12.733	95	278910	49.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.300%		
Target Compounds			Qvalue			
13) Acrolein	4.052	56	88	0.206	ug/l #	1
20) Methylene Chloride	5.106	84	2390	0.527	ug/l #	82
31) Cyclohexane	8.083	56	8396	1.022	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	29598	5.363	ug/l #	50
38) Carbon Tetrachloride	8.086	117	40933	6.753	ug/l #	15
71) Bromoform	12.731	173	1221	0.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	140852	28.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	140852	68.353	ug/l #	12
90) Hexachloroethane	14.332	117	1208	0.370	ug/l #	12
95) Naphthalene	15.512	128	2688	4.043	ug/l #	85

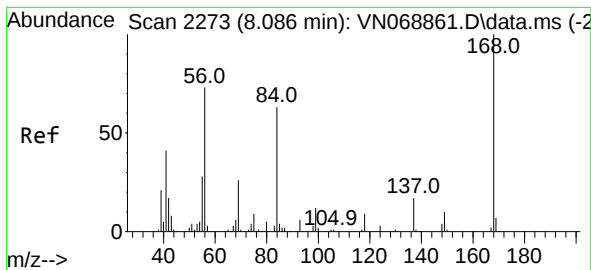
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

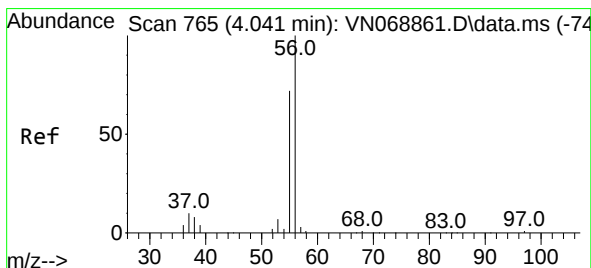
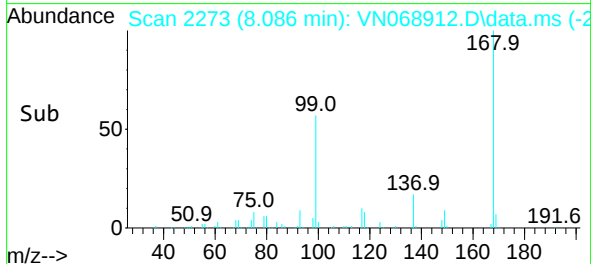
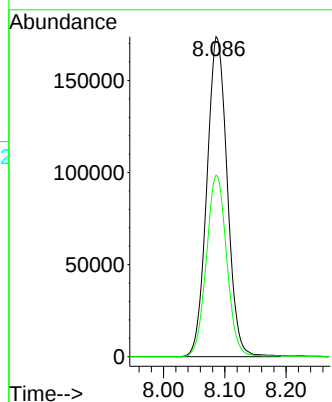
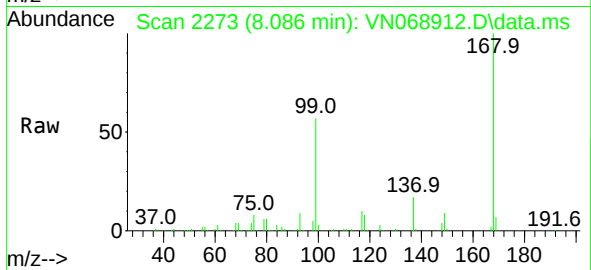




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

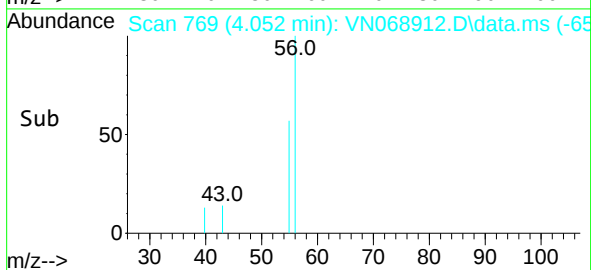
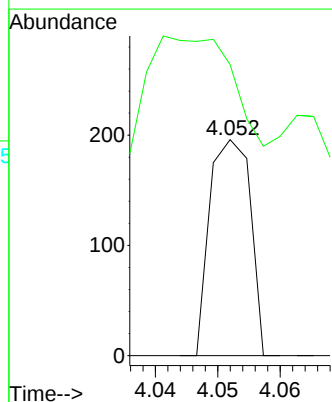
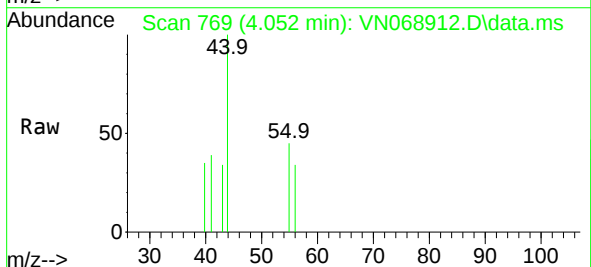
Instrument :
MSVOA_N
ClientSampleId :
HAR-19

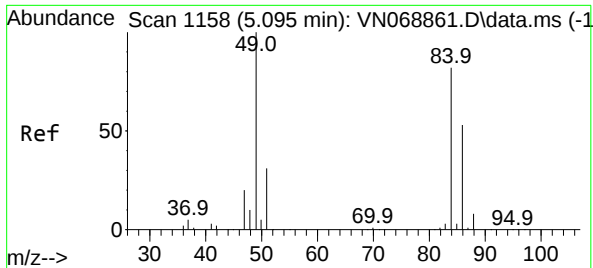
Tgt Ion:168 Resp: 400735
Ion Ratio Lower Upper
168 100
99 56.7 48.9 73.3



#13
Acrolein
Concen: 0.206 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.011 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

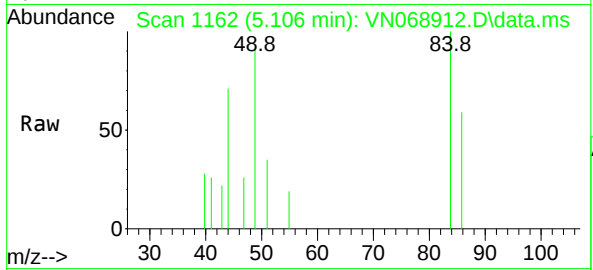
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 412.5 58.1 87.1#





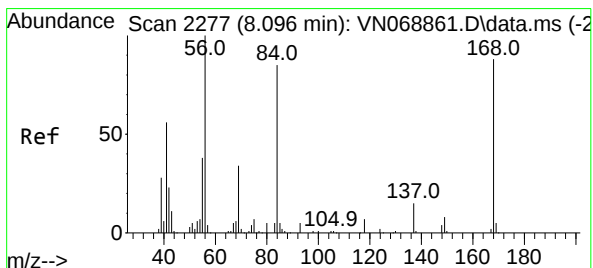
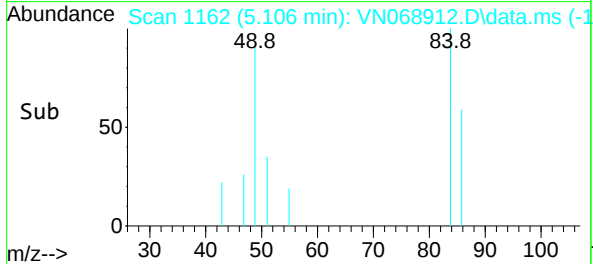
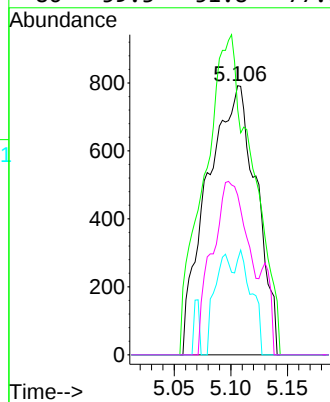
#20
Methylene Chloride
Concen: 0.527 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Instrument :
MSVOA_N
ClientSampled :
HAR-19



Tgt Ion: 84 Resp: 2390

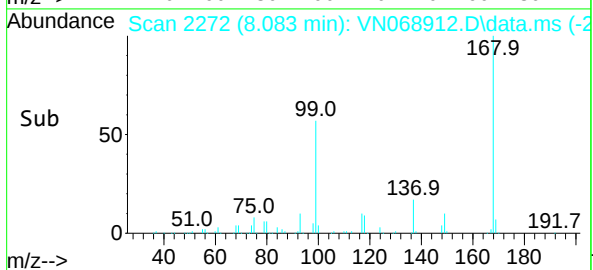
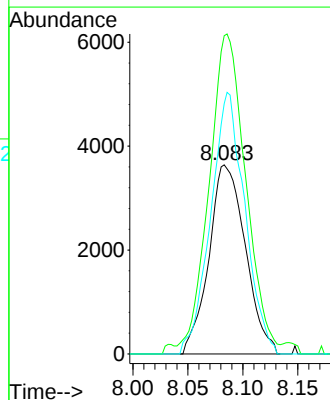
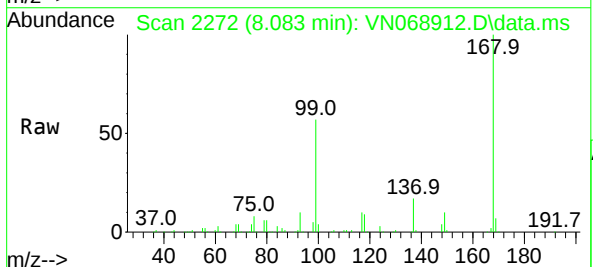
Ion	Ratio	Lower	Upper
84	100		
49	91.3	97.6	146.4#
51	35.2	30.3	45.5
86	59.3	51.8	77.6

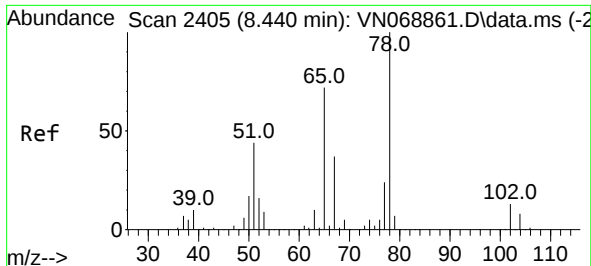


#31
Cyclohexane
Concen: 1.022 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 56 Resp: 8396

Ion	Ratio	Lower	Upper
56	100		
69	163.4	26.9	40.3#
84	132.4	67.6	101.4#



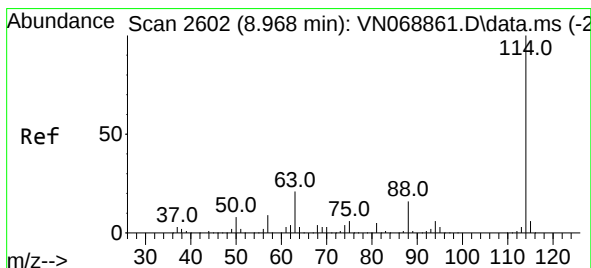
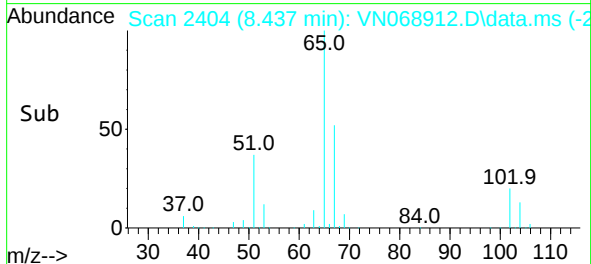
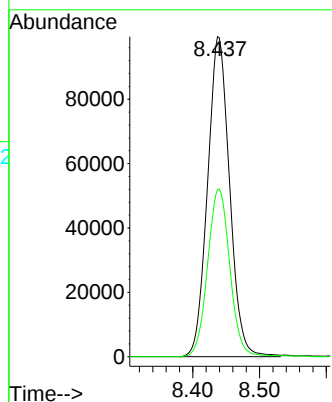
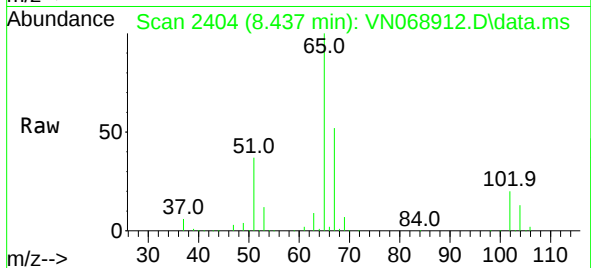


#33

1,2-Dichloroethane-d4
Concen: 43.123 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Instrument :
MSVOA_N
ClientSampled :
HAR-19

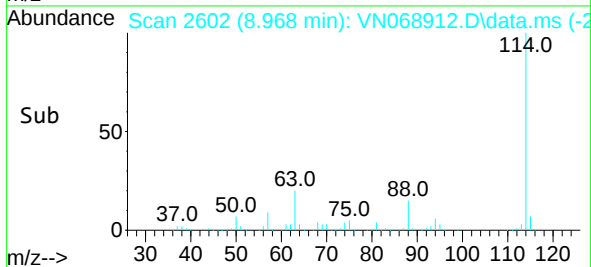
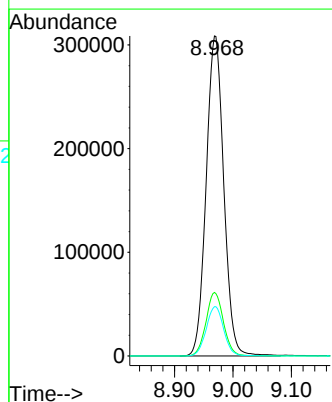
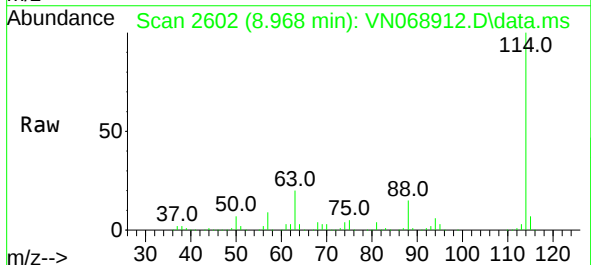
Tgt Ion: 65 Resp: 227843
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.8

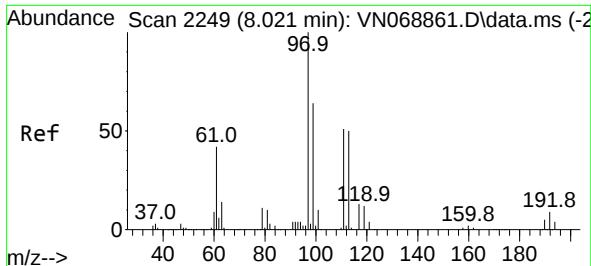


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 114 Resp: 646158
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 15.4 0.0 32.0

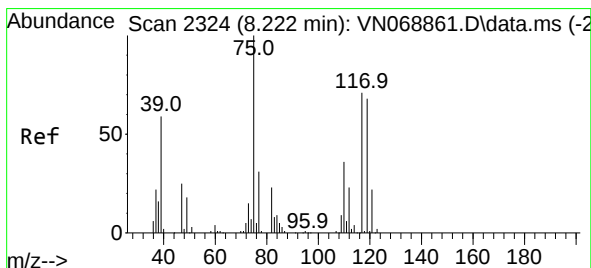
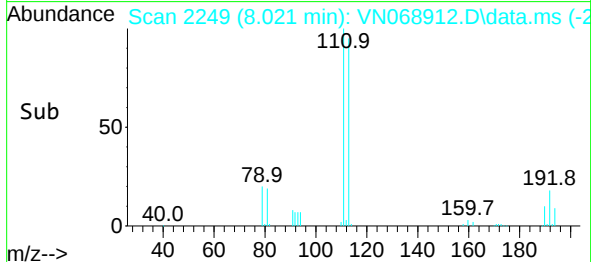
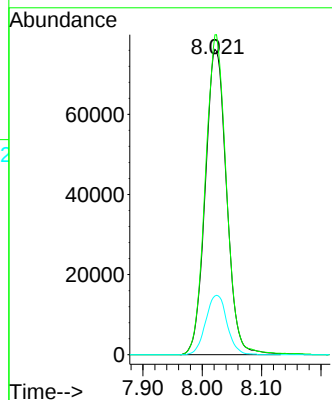
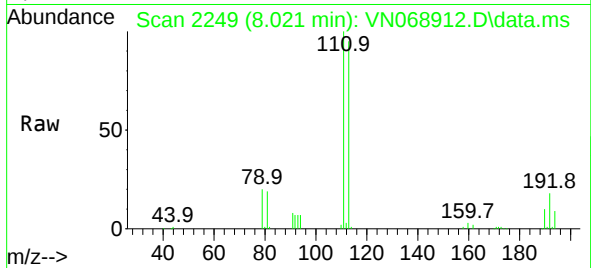




#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

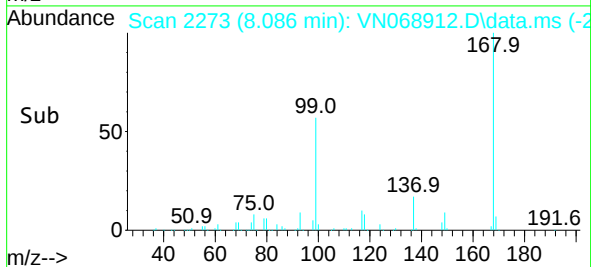
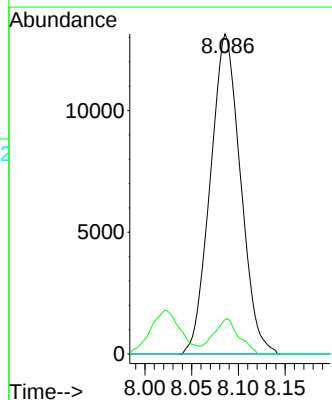
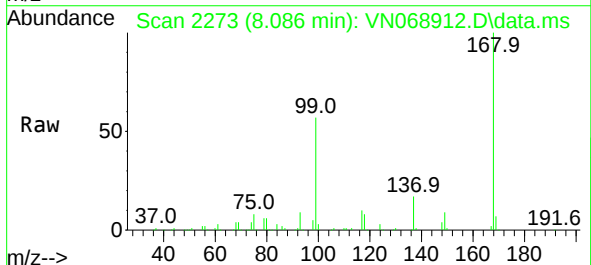
Instrument :
MSVOA_N
ClientSampleId :
HAR-19

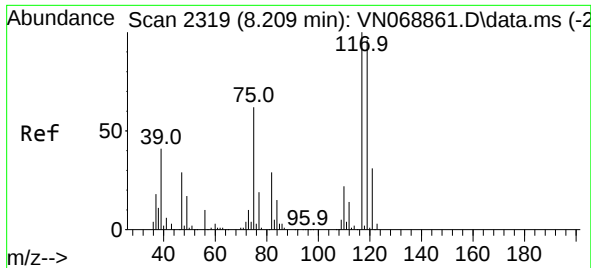
Tgt Ion:113 Resp: 190154
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.363 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

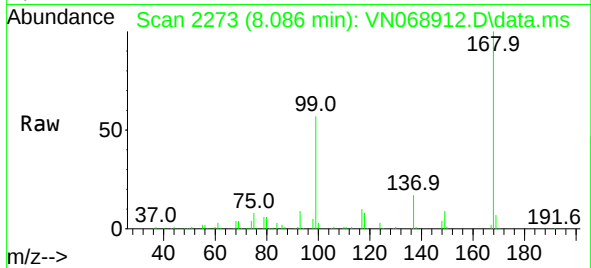
Tgt Ion: 75 Resp: 29598
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.8#
77 0.0 24.7 37.1#



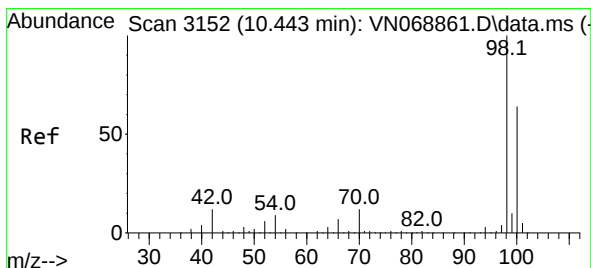
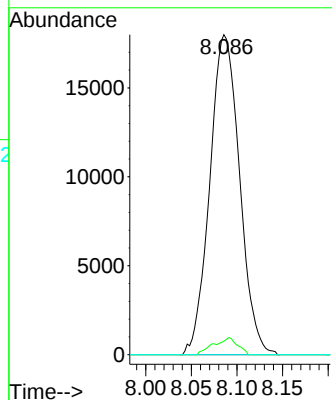
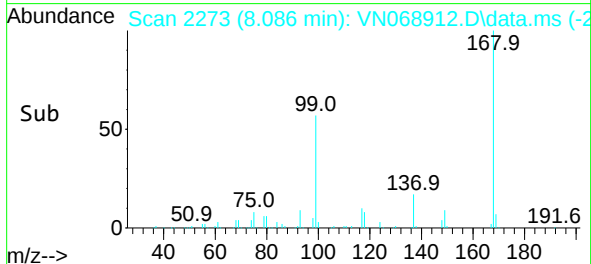


#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

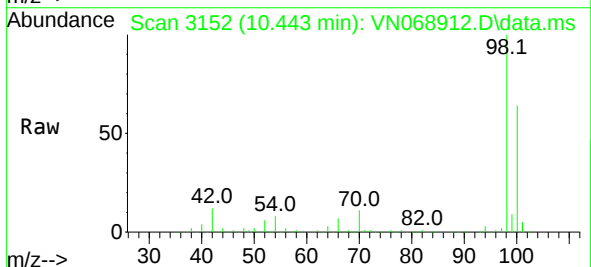
Instrument :
MSVOA_N
ClientSampled :
HAR-19



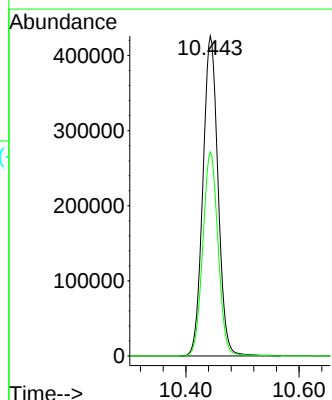
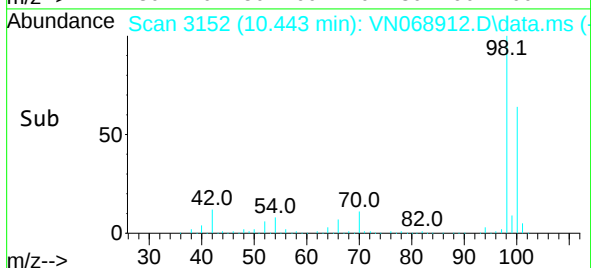
Tgt Ion:117 Resp: 40933
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

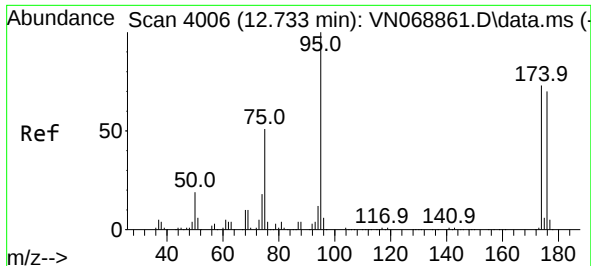


#50
Toluene-d8
Concen: 52.486 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25



Tgt Ion: 98 Resp: 789497
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

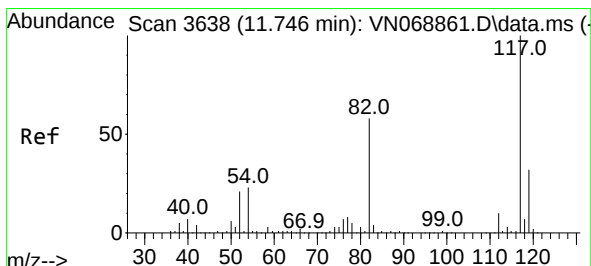
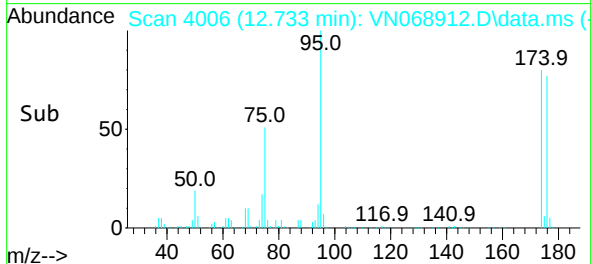
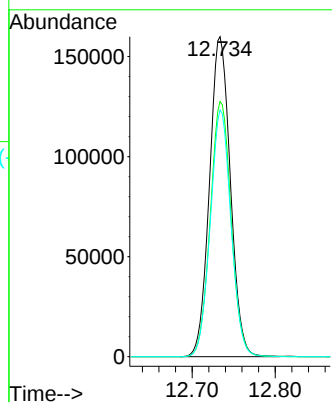
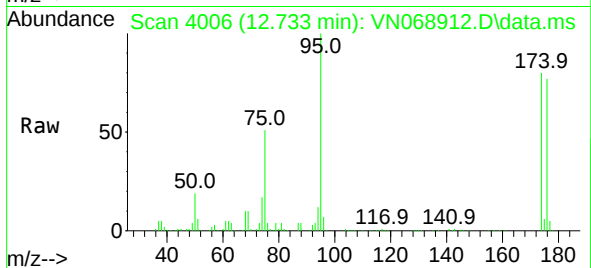




#62
4-Bromofluorobenzene
Concen: 49.146 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

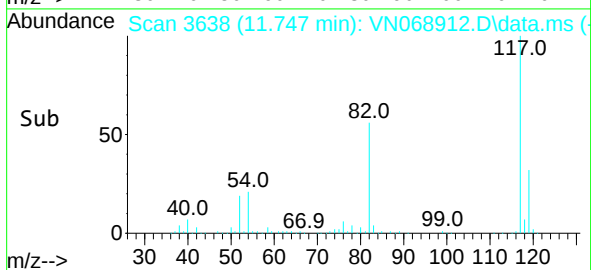
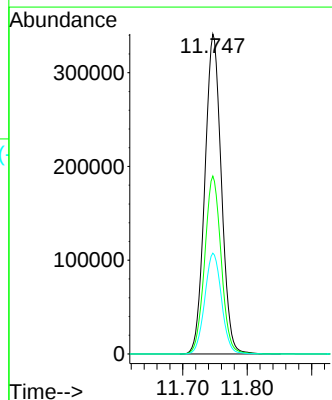
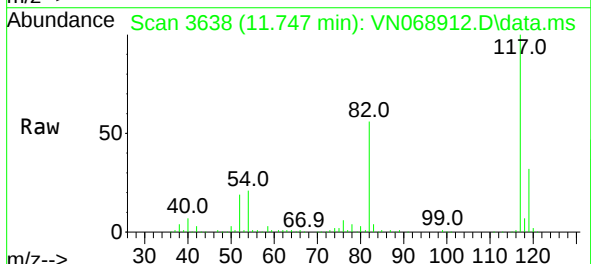
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HAR-19

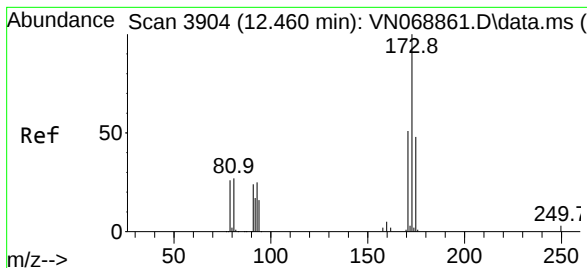
Tgt Ion: 95 Resp: 278910
Ion Ratio Lower Upper
95 100
174 79.7 0.0 144.8
176 76.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

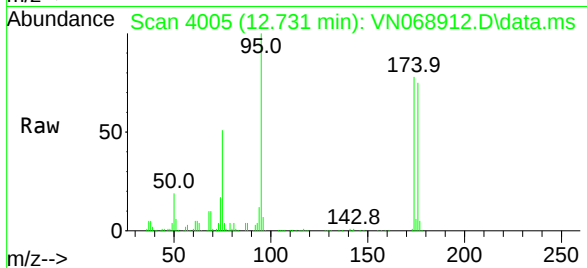
Tgt Ion: 117 Resp: 606896
Ion Ratio Lower Upper
117 100
82 55.6 46.4 69.6
119 31.5 26.0 39.0



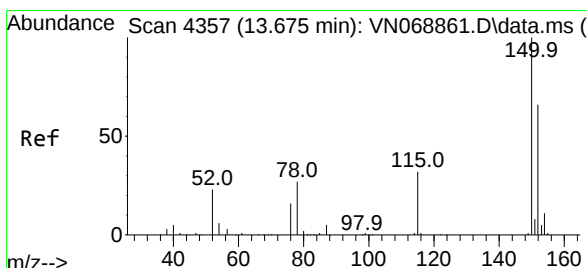
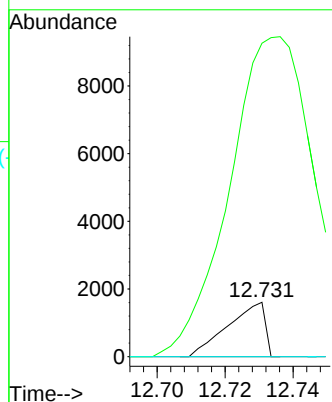
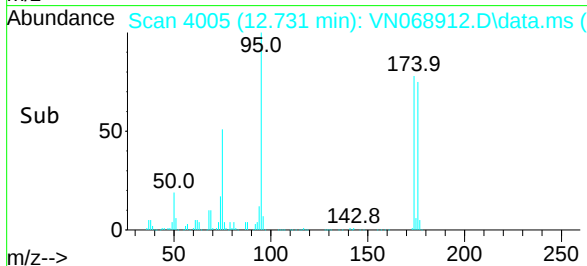


#71
Bromoform
Concen: 0.339 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

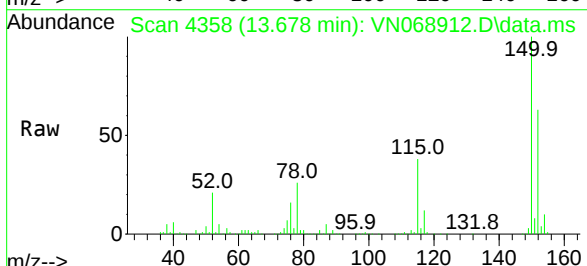
Instrument :
MSVOA_N
ClientSampled :
HAR-19



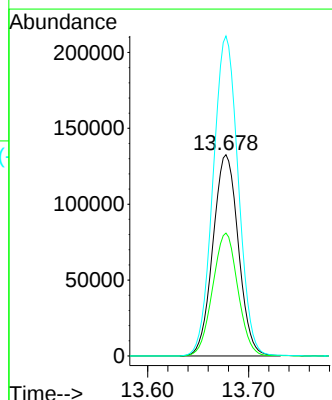
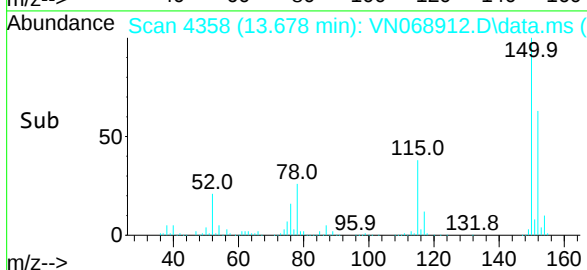
Tgt Ion:173 Resp: 1221
Ion Ratio Lower Upper
173 100
175 1269.1 23.8 71.5#
254 0.0 0.0 0.0

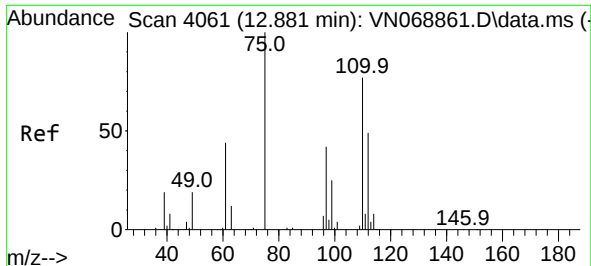


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25



Tgt Ion:152 Resp: 231703
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.3
150 157.8 0.0 351.0

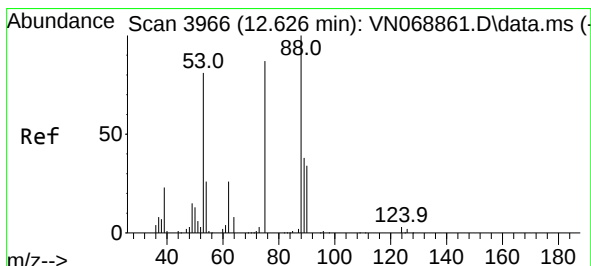
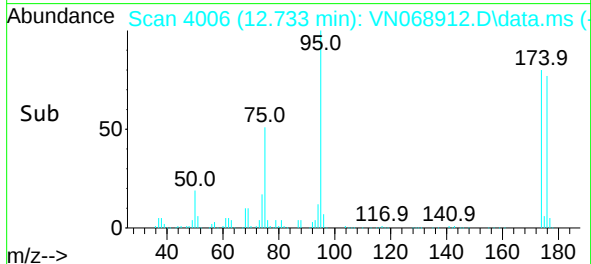
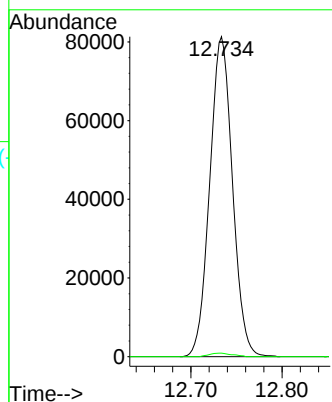
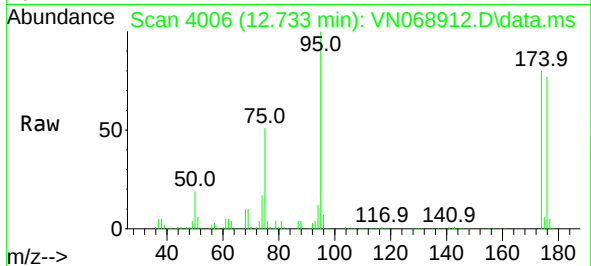




#76
1,2,3-Trichloropropane
Concen: 28.570 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

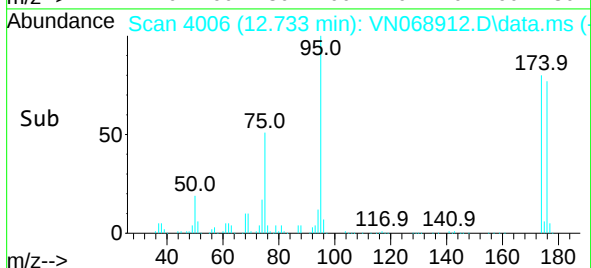
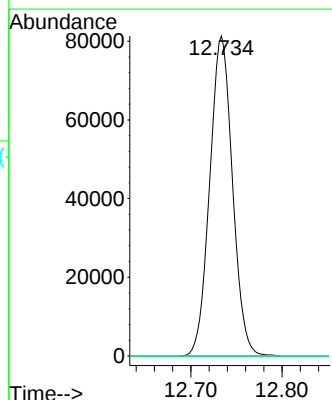
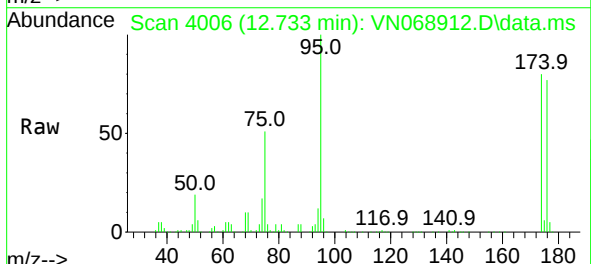
Instrument :
MSVOA_N
ClientSampled :
HAR-19

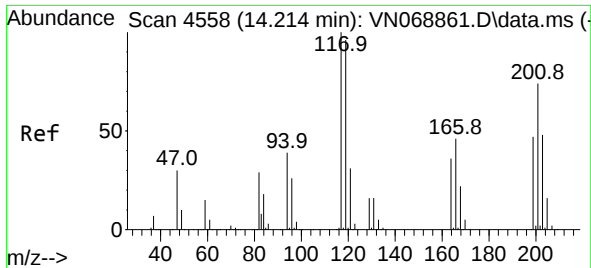
Tgt Ion: 75 Resp: 140852
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.353 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 75 Resp: 140852
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

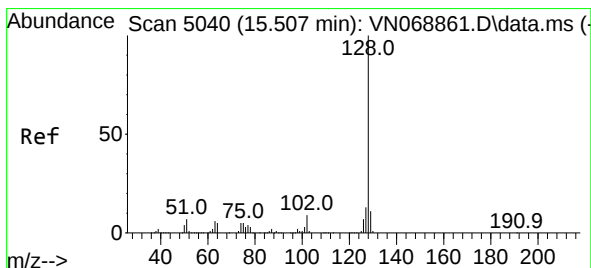
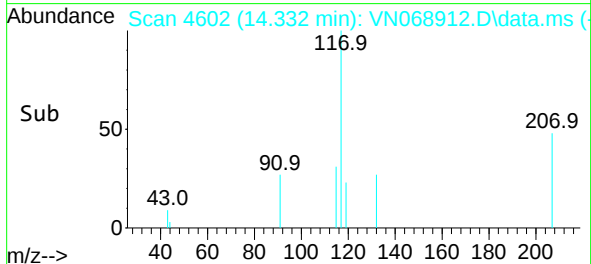
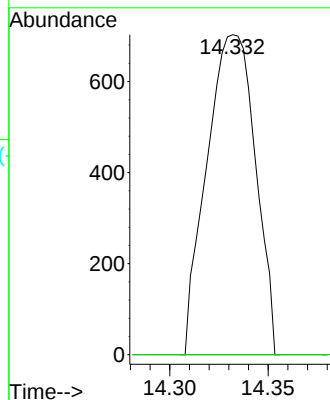
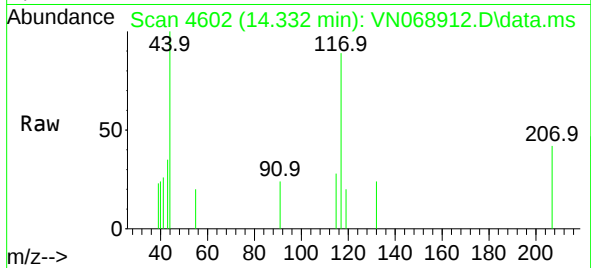




#90
Hexachloroethane
Concen: 0.370 ug/l
RT: 14.332 min Scan# 4602
Delta R.T. 0.118 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Instrument :
MSVOA_N
ClientSampleId :
HAR-19

Tgt Ion:117 Resp: 1208
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#95
Naphthalene
Concen: 4.043 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068912.D
Acq: 13 Oct 2021 21:25

Tgt Ion:128 Resp: 2688
Ion Ratio Lower Upper
128 100
127 7.5 10.5 15.7#
129 4.7 8.9 13.3#

