

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068904.D
 Acq On : 13 Oct 2021 18:03
 Operator : JC/MD
 Sample : M4192-03 10X
 Misc : 5.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-4

Quant Time: Oct 14 06:43:46 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)

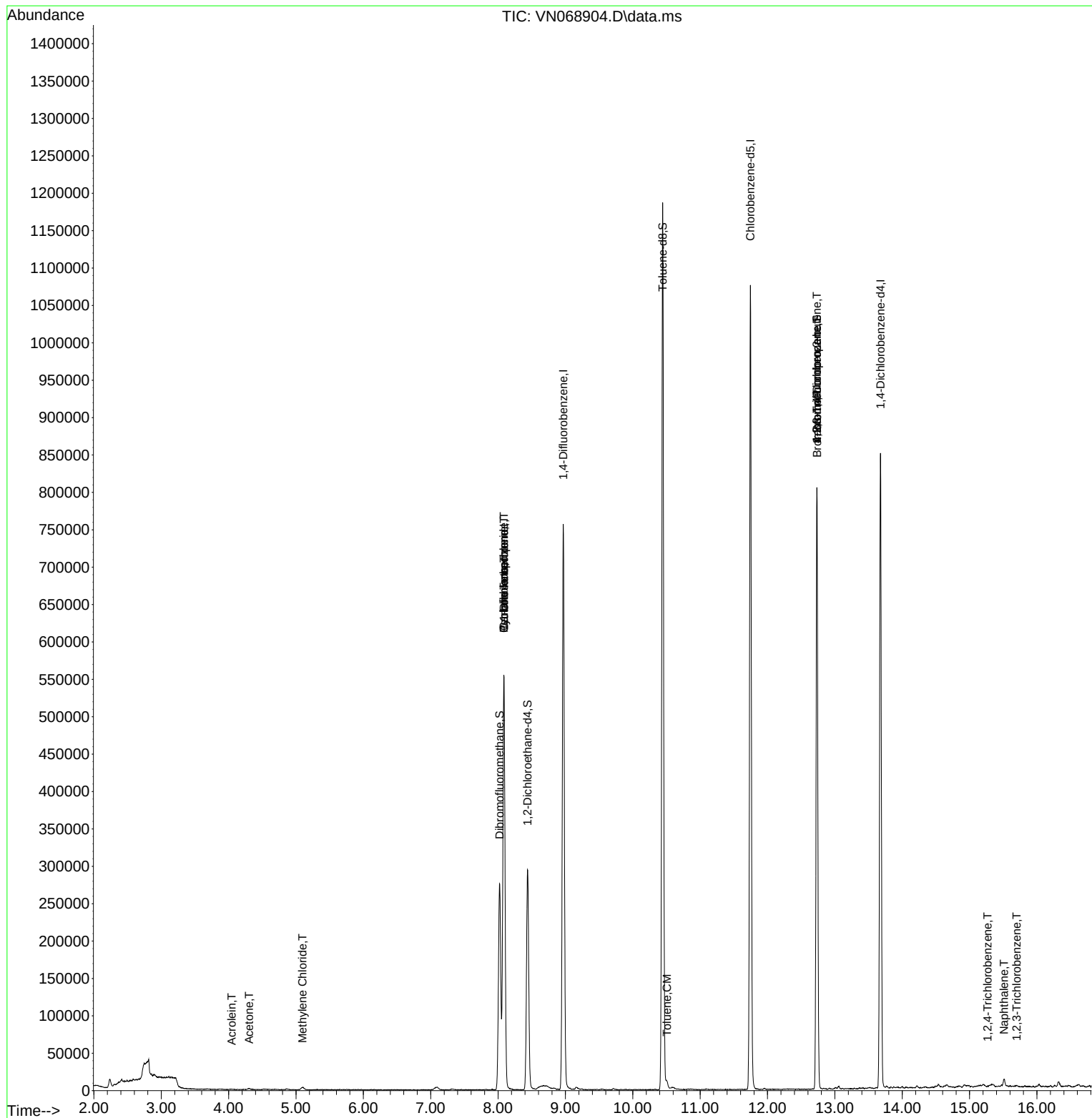
Internal Standards						
1) Pentafluorobenzene	8.088	168	434868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	692189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	638803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	246529	42.997	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.000%		
35) Dibromofluoromethane	8.021	113	202639	50.317	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.640%		
50) Toluene-d8	10.443	98	844453	52.406	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.820%		
62) 4-Bromofluorobenzene	12.733	95	286517	47.129	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.260%		
Target Compounds						
					Qvalue	
13) Acrolein	4.044	56	462	0.997	ug/l #	13
16) Acetone	4.301	43	1944	0.909	ug/l #	44
20) Methylene Chloride	5.095	84	2833	0.575	ug/l	93
31) Cyclohexane	8.088	56	8983	1.008	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	33232	5.621	ug/l #	48
38) Carbon Tetrachloride	8.086	117	42753	6.584	ug/l #	16
52) Toluene	10.507	92	2790	0.241	ug/l	93
71) Bromoform	12.736	173	2509	0.662	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	145533	28.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	145533	68.697	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	150	2.637	ug/l #	80
95) Naphthalene	15.509	128	6108	4.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	77	2.533	ug/l #	37

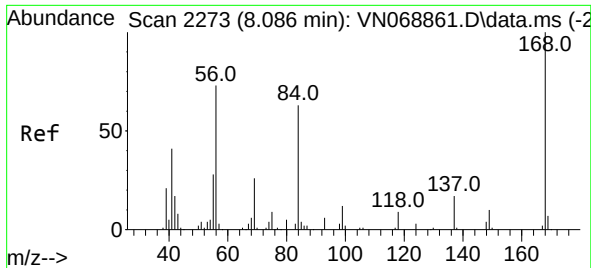
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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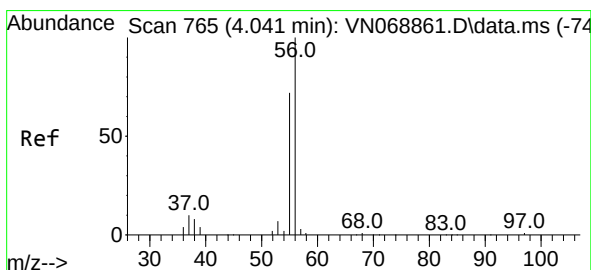
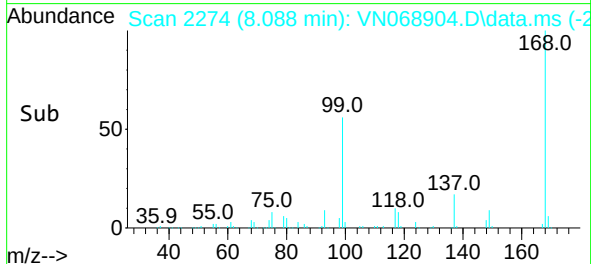
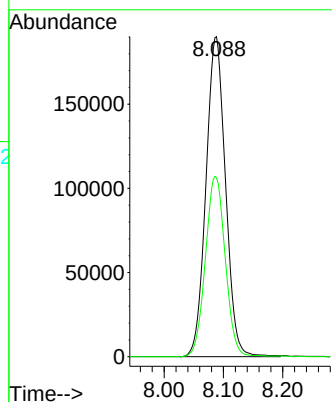
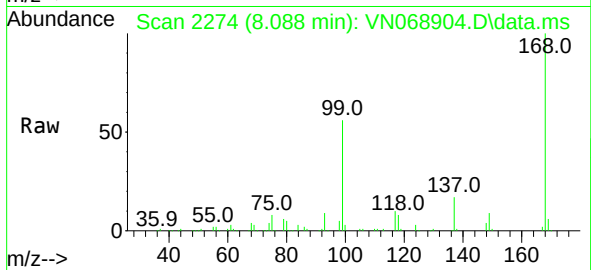




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

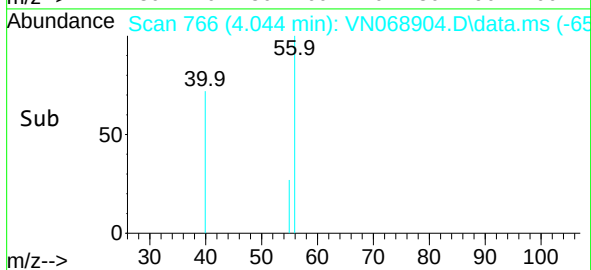
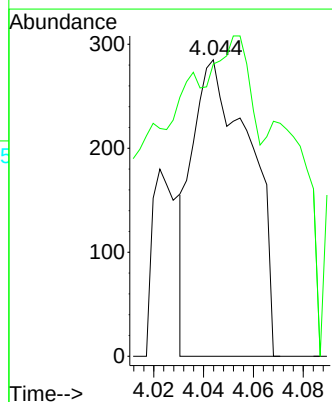
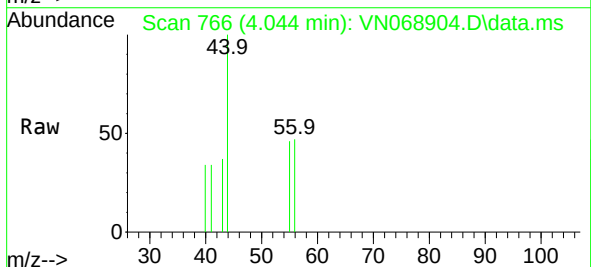
Instrument :
MSVOA_N
ClientSampled :
HAR-4

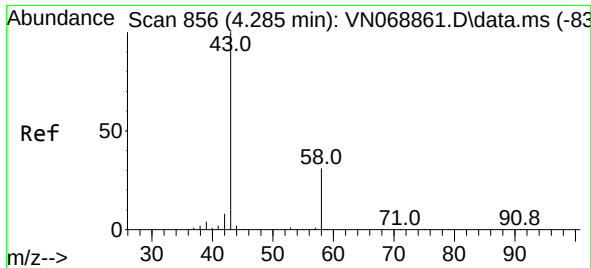
Tgt Ion:168 Resp: 434868
Ion Ratio Lower Upper
168 100
99 55.9 48.9 73.3



#13
Acrolein
Concen: 0.997 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 56 Resp: 462
Ion Ratio Lower Upper
56 100
55 0.0 58.1 87.1#

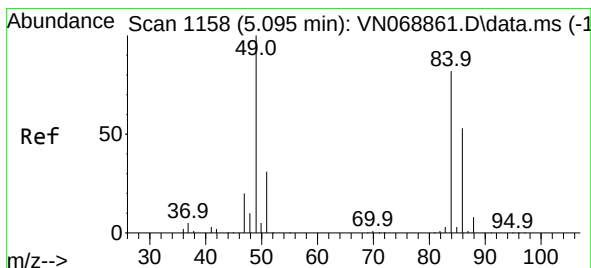
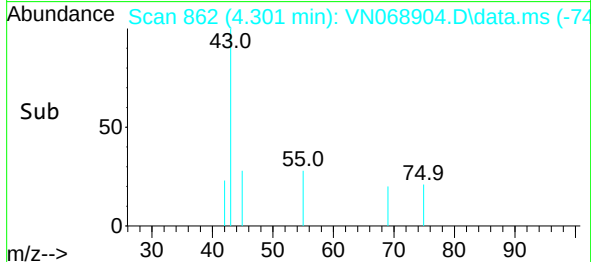
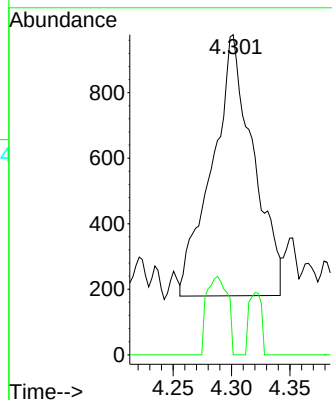
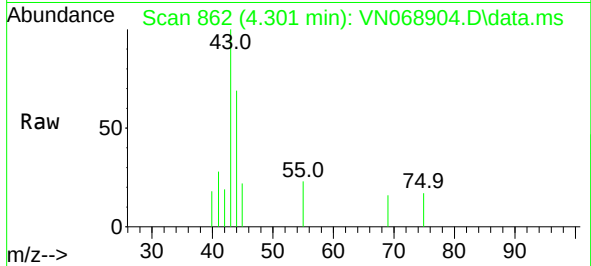




#16
Acetone
Concen: 0.909 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

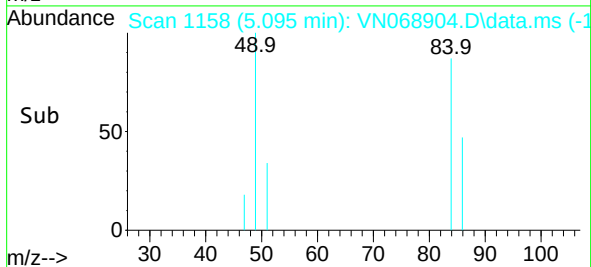
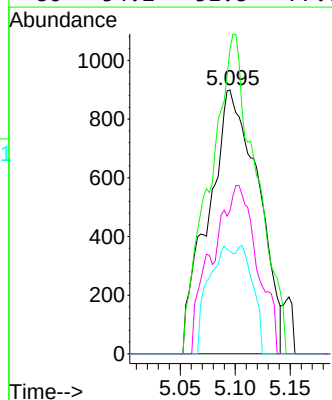
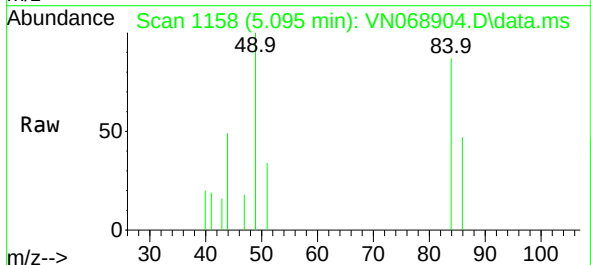
Instrument :
MSVOA_N
ClientSampled :
HAR-4

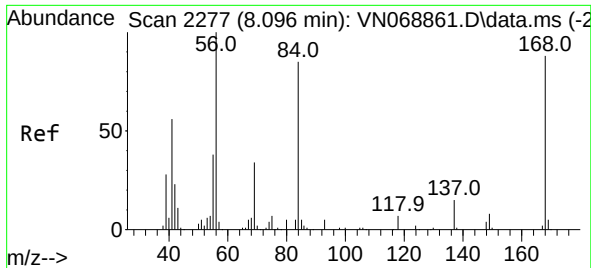
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 84 Resp: 2833
Ion Ratio Lower Upper
84 100
49 115.6 97.6 146.4
51 38.9 30.3 45.5
86 54.2 51.8 77.6

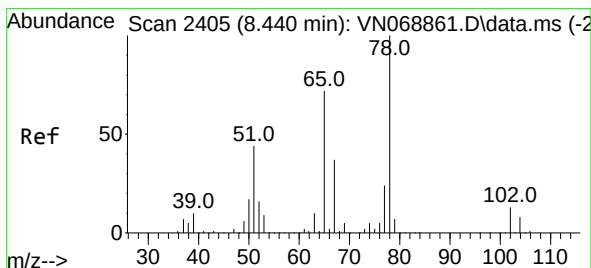
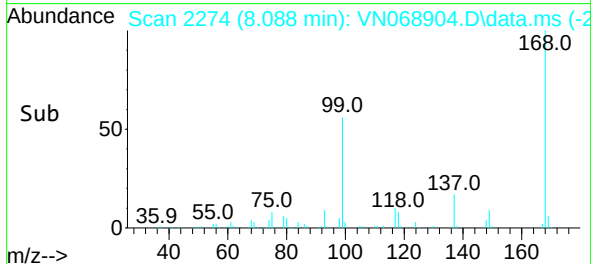
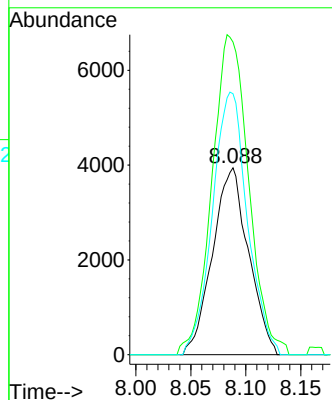
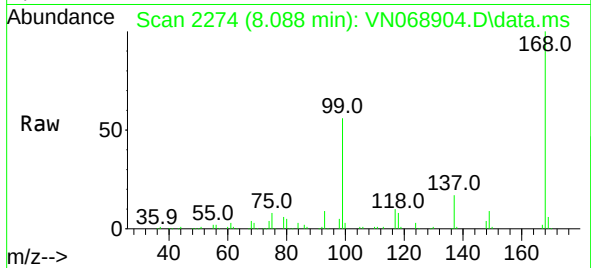




#31
Cyclohexane
Concen: 1.008 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

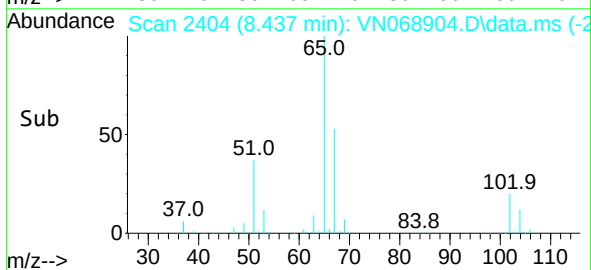
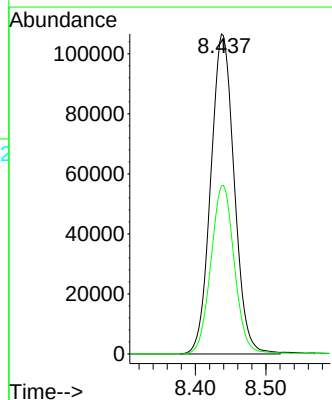
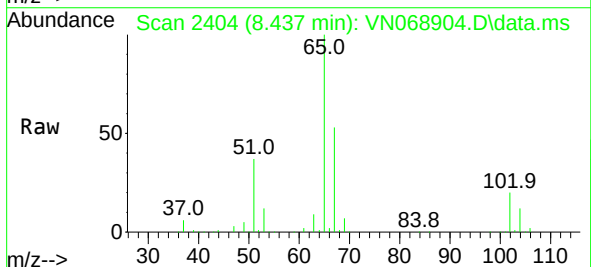
Instrument :
MSVOA_N
ClientSampled :
HAR-4

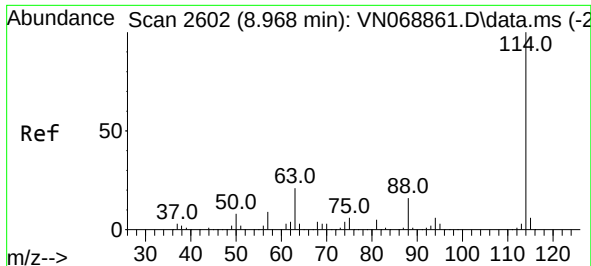
Tgt Ion: 56 Resp: 8983
Ion Ratio Lower Upper
56 100
69 162.8 26.9 40.3#
84 139.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 42.997 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 65 Resp: 246529
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.8

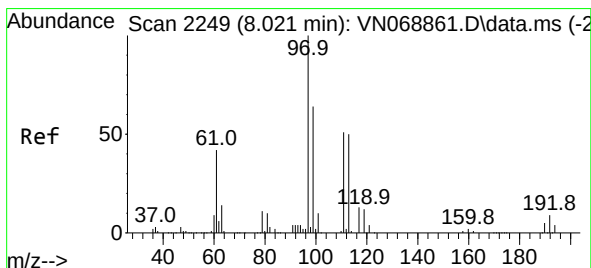
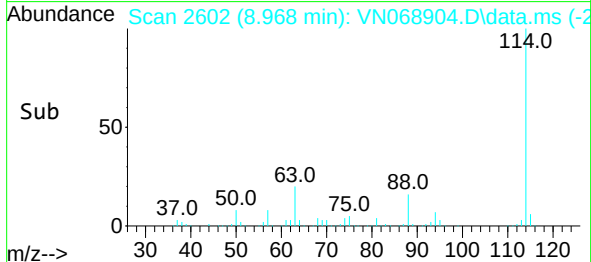
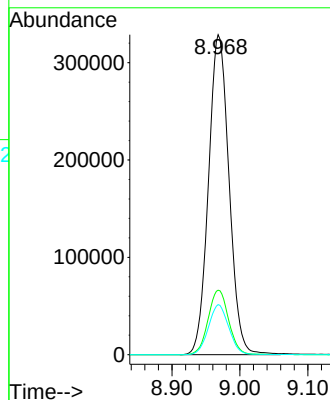
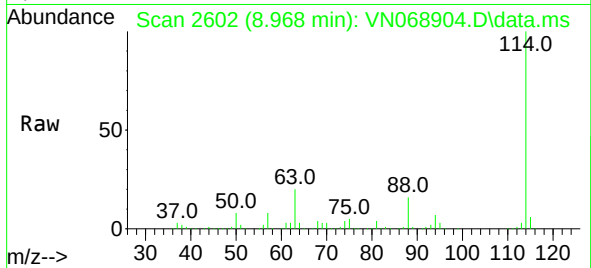




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

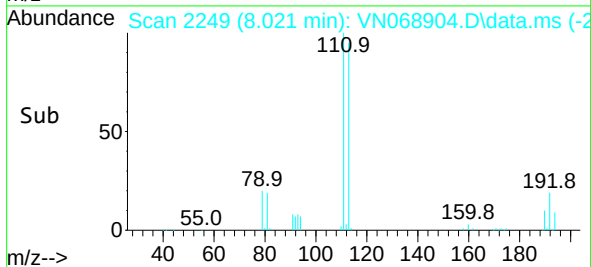
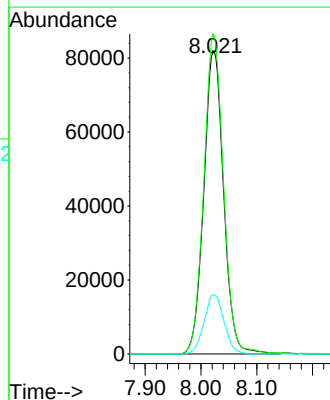
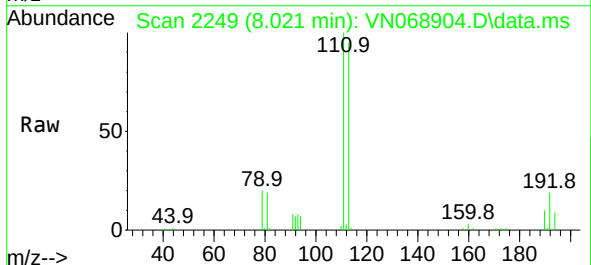
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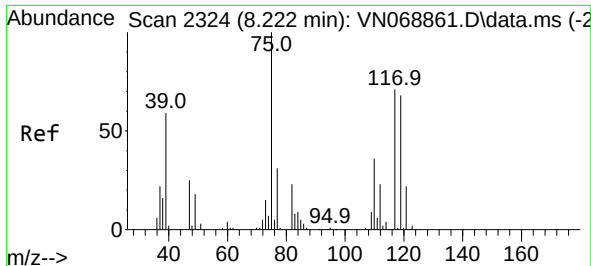
Tgt Ion:114 Resp: 692189
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.317 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion:113 Resp: 202639
Ion Ratio Lower Upper
113 100
111 104.8 83.2 124.8
192 19.6 15.0 22.4

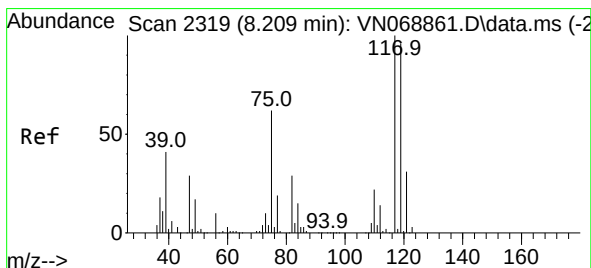
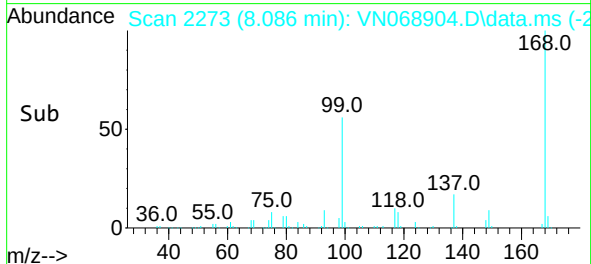
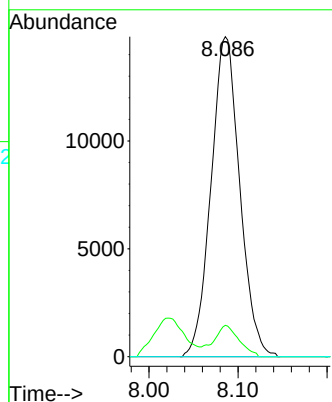
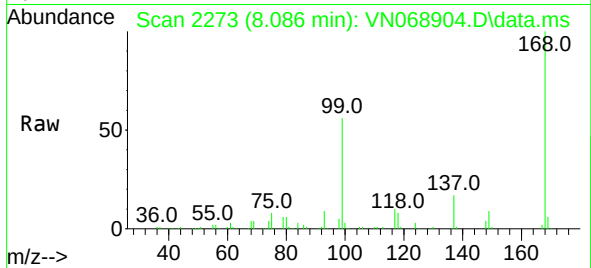




#36
1,1-Dichloropropene
Concen: 5.621 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

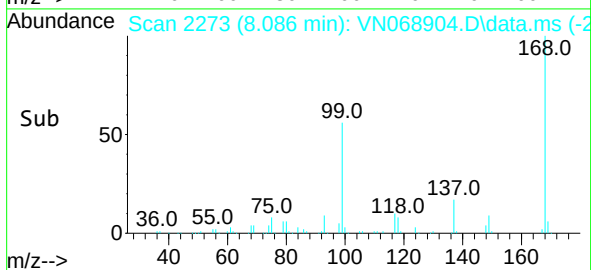
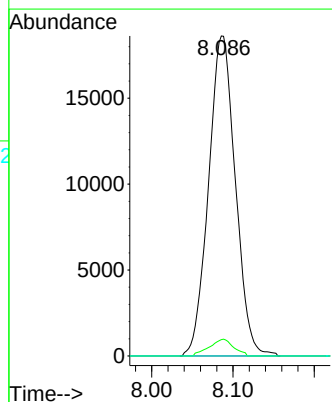
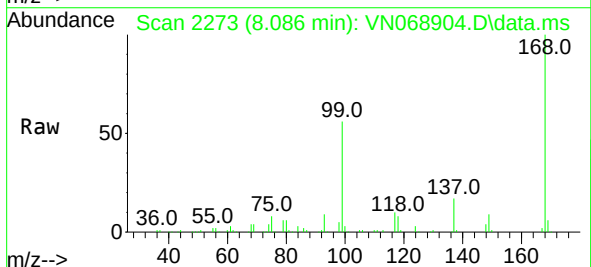
Instrument :
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ClientSampled :
HAR-4

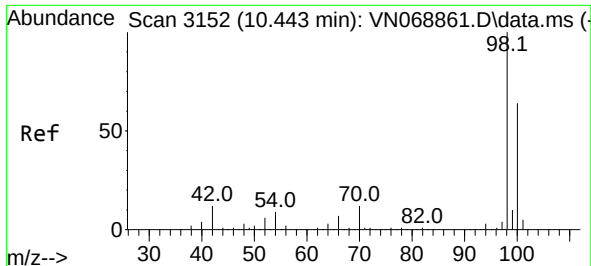
Tgt Ion: 75 Resp: 33232
Ion Ratio Lower Upper
75 100
110 7.8 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 117 Resp: 42753
Ion Ratio Lower Upper
117 100
119 5.1 76.9 115.3#
121 0.0 24.6 37.0#

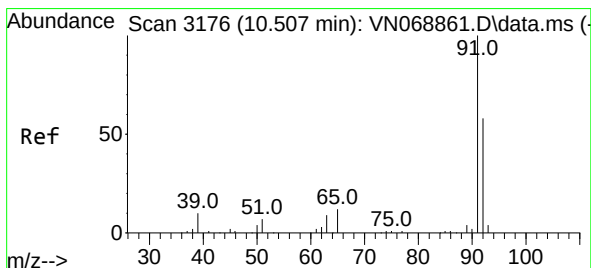
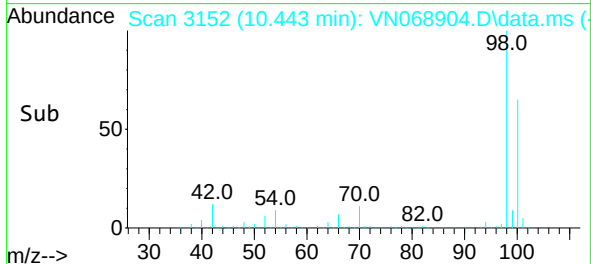
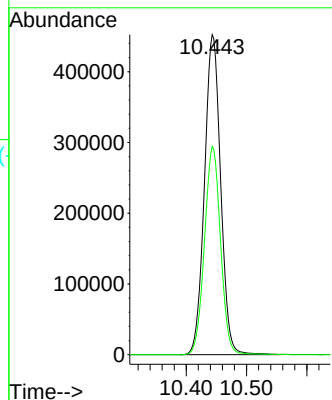
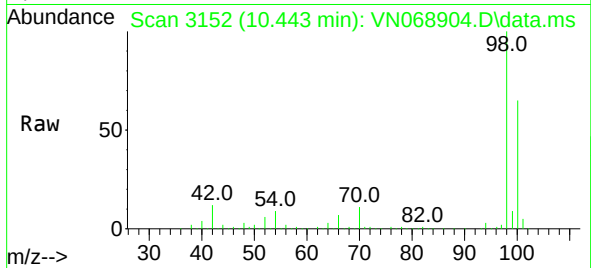




#50
Toluene-d8
Concen: 52.406 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

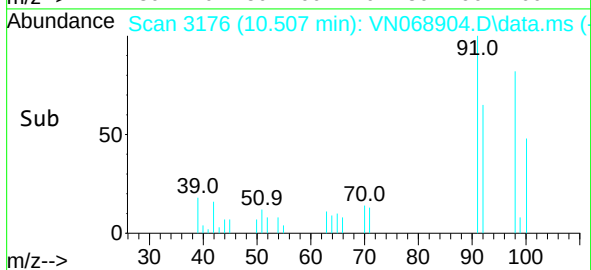
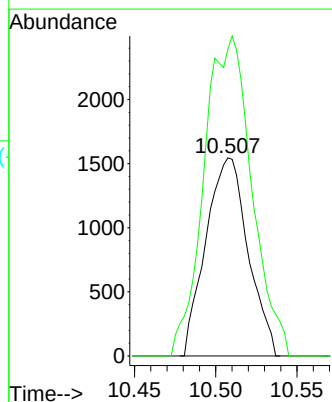
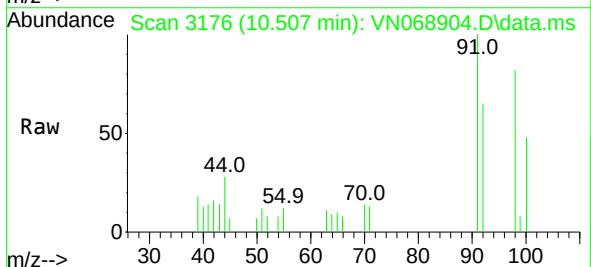
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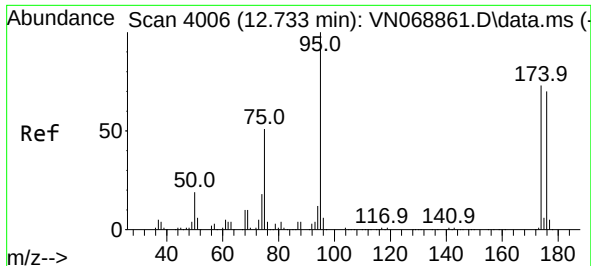
Tgt Ion: 98 Resp: 844453
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#52
Toluene
Concen: 0.241 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 92 Resp: 2790
Ion Ratio Lower Upper
92 100
91 182.5 138.5 207.7

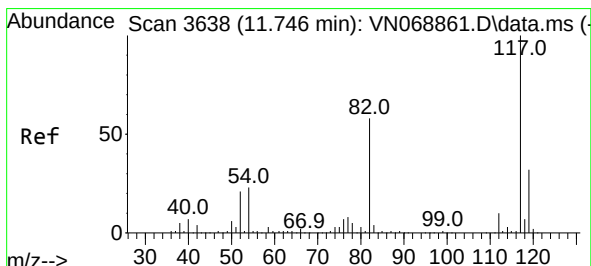
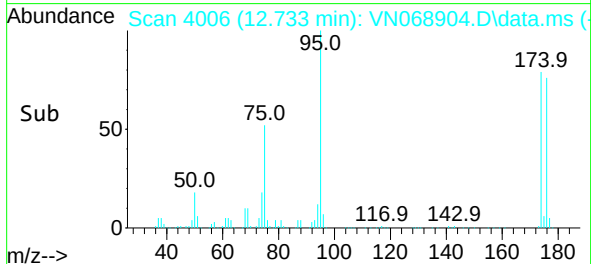
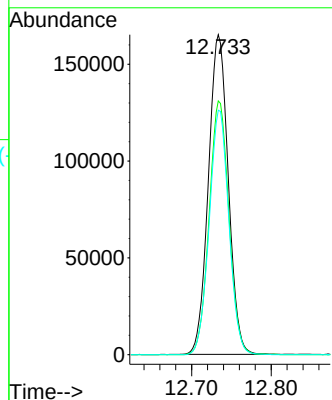
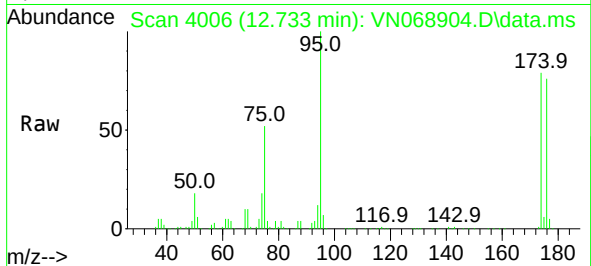




#62
4-Bromofluorobenzene
Concen: 47.129 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

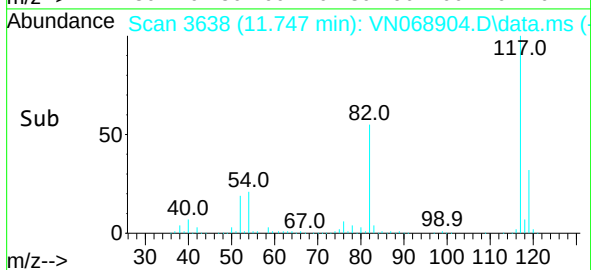
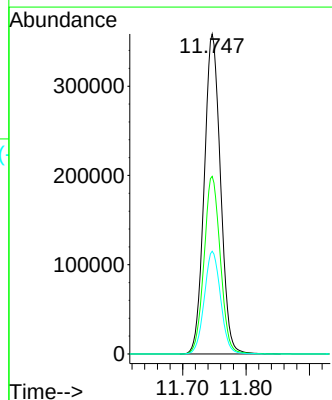
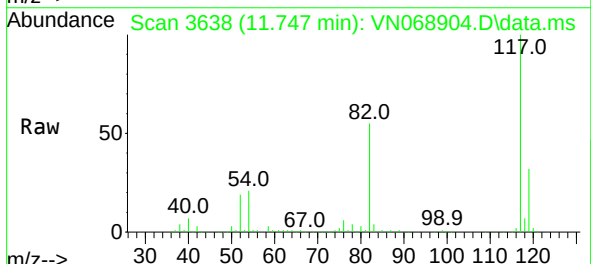
Instrument :
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ClientSampleId :
HAR-4

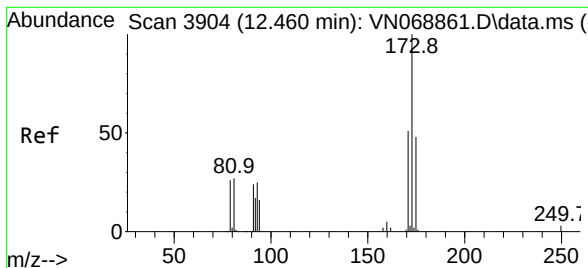
Tgt Ion: 95 Resp: 286517
Ion Ratio Lower Upper
95 100
174 79.2 0.0 144.8
176 75.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion: 117 Resp: 638803
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 32.1 26.0 39.0

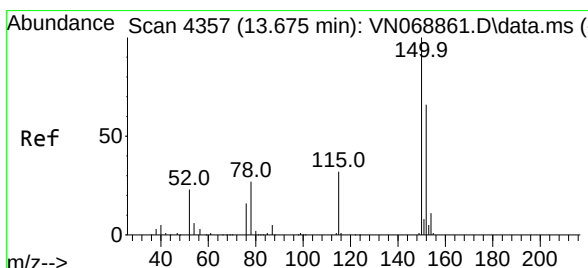
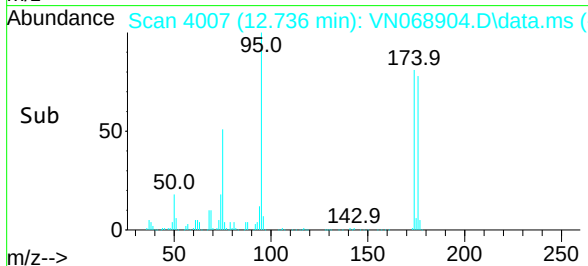
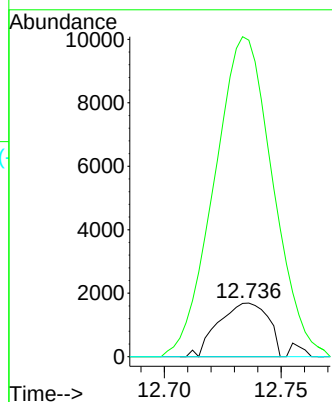
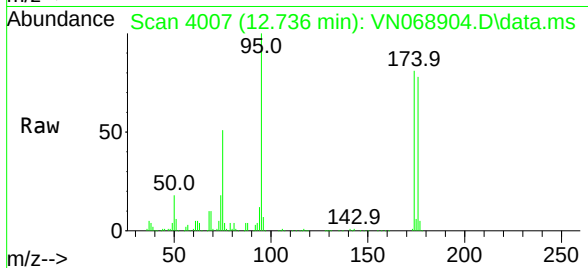




#71
Bromoform
Concen: 0.662 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

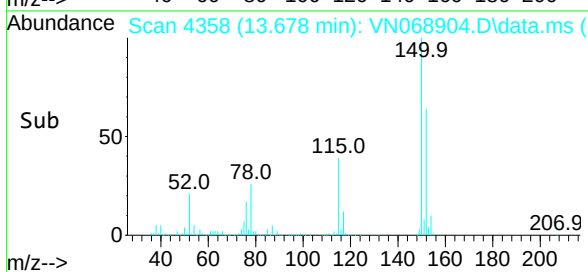
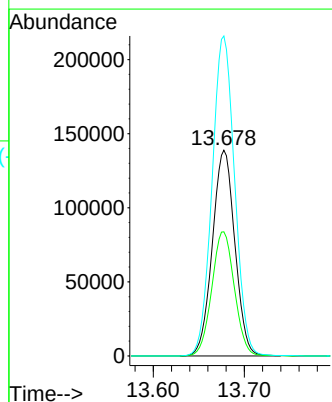
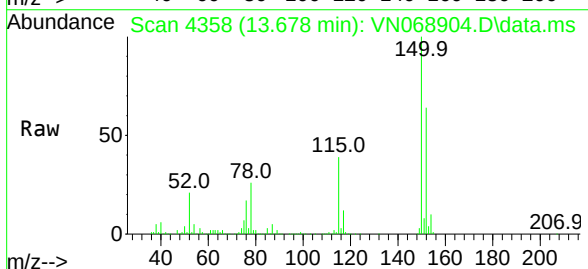
Instrument :
MSVOA_N
ClientSampled :
HAR-4

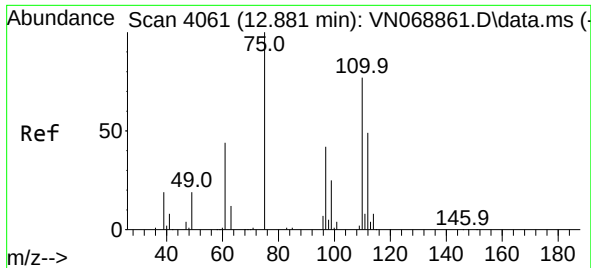
Tgt Ion:173 Resp: 2509
Ion Ratio Lower Upper
173 100
175 648.3 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

Tgt Ion:152 Resp: 238205
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.3
150 156.0 0.0 351.0

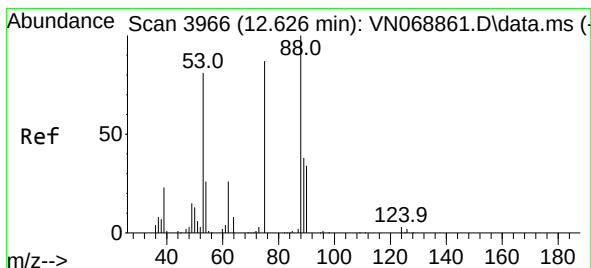
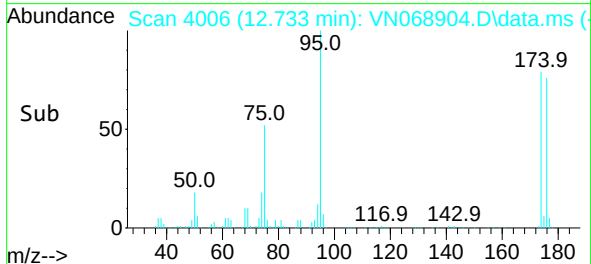
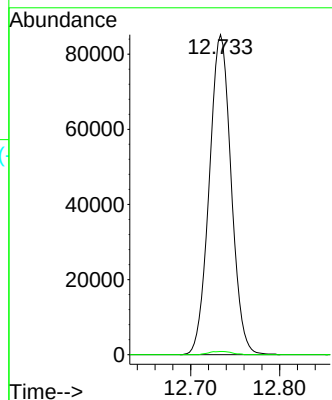
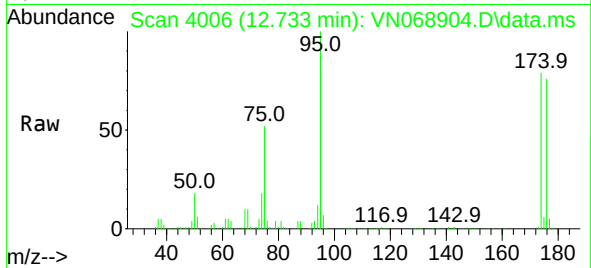




#76
1,2,3-Trichloropropane
Concen: 28.714 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

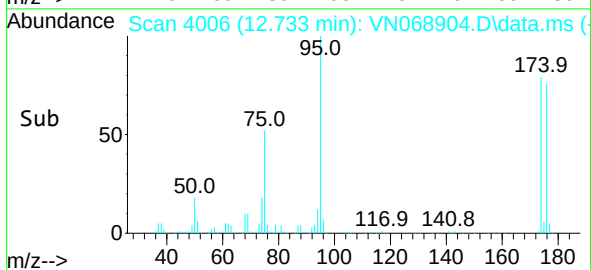
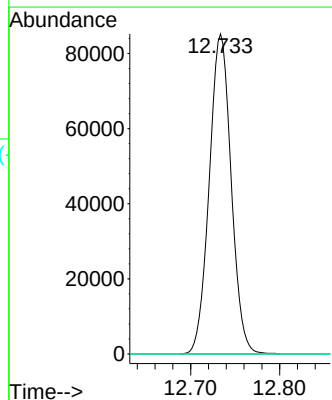
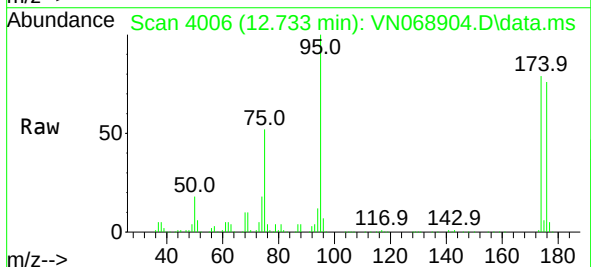
Instrument :
MSVOA_N
ClientSampled :
HAR-4

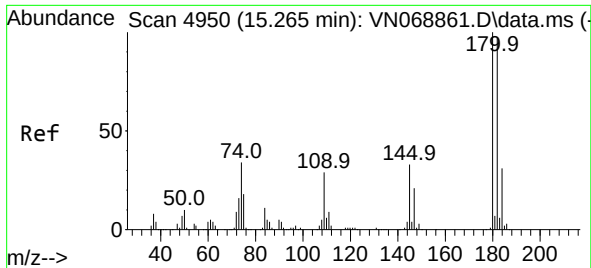
Tgt Ion: 75 Resp: 145533
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.697 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

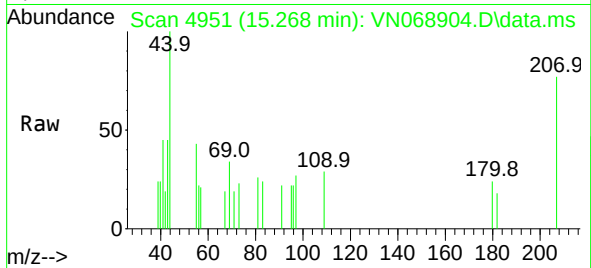
Tgt Ion: 75 Resp: 145533
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



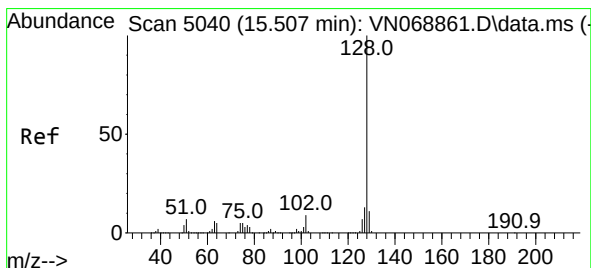
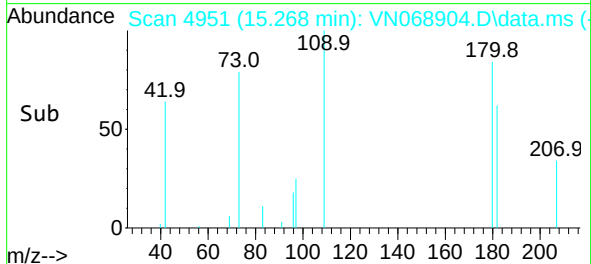
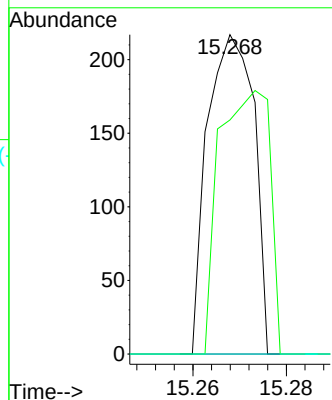


#93
1,2,4-Trichlorobenzene
Concen: 2.637 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03

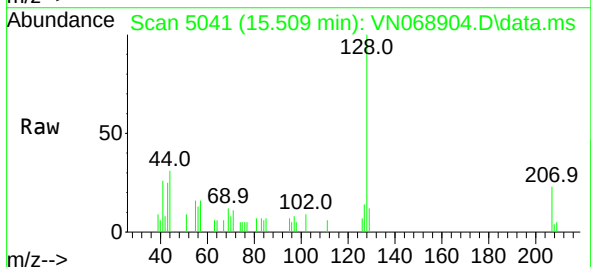
Instrument :
MSVOA_N
ClientSampled :
HAR-4



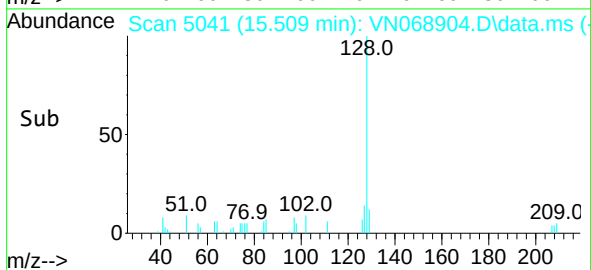
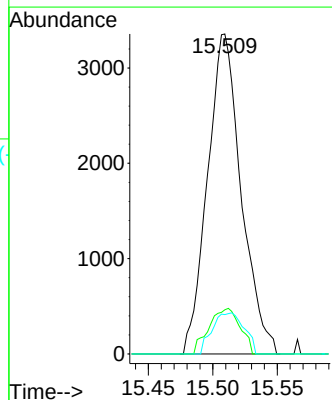
Tgt Ion:180 Resp: 150
Ion Ratio Lower Upper
180 100
182 89.3 47.9 143.7
145 0.0 16.4 49.2#

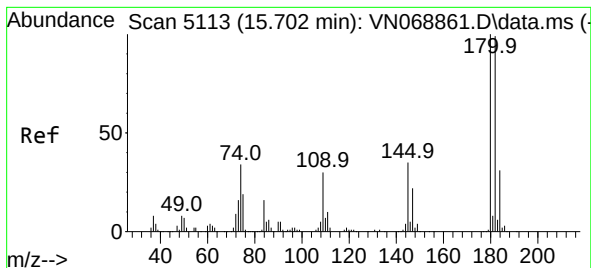


#95
Naphthalene
Concen: 4.322 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068904.D
Acq: 13 Oct 2021 18:03



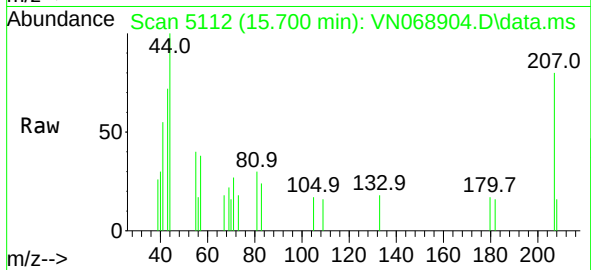
Tgt Ion:128 Resp: 6108
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 12.1 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.533 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN068904.D
 Acq: 13 Oct 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-4



Tgt Ion:180 Resp: 77
 Ion Ratio Lower Upper
 180 100
 182 33.8 48.1 144.3#
 145 0.0 17.4 52.2#

