

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068903.D
 Acq On : 13 Oct 2021 17:38
 Operator : JC/MD
 Sample : M4192-01 10X
 Misc : 5.45g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-1

Quant Time: Oct 14 06:43:36 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

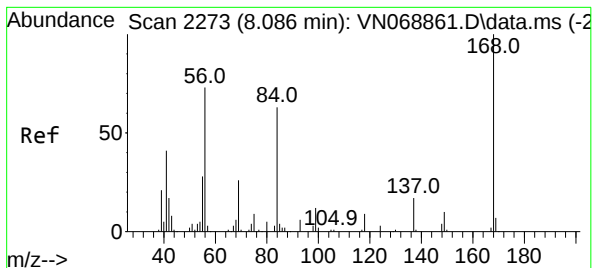
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	451826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	731800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	672442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	256497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	259183	43.508	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.020%		
35) Dibromofluoromethane	8.024	113	214357	50.346	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.700%		
50) Toluene-d8	10.443	98	889821	52.233	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.460%		
62) 4-Bromofluorobenzene	12.733	95	305936	47.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.200%		
Target Compounds			Qvalue			
13) Acrolein	4.047	56	229	0.476	ug/l #	61
16) Acetone	4.307	43	1640	0.738	ug/l	93
20) Methylene Chloride	5.095	84	2827	0.552	ug/l	89
25) 2-Butanone	7.335	43	739	0.220	ug/l #	48
31) Cyclohexane	8.088	56	9519	1.028	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	33920	5.427	ug/l #	50
38) Carbon Tetrachloride	8.086	117	44629	6.501	ug/l #	15
52) Toluene	10.505	92	8287	0.677	ug/l	94
76) 1,2,3-Trichloropropane	12.733	75	154524	28.314	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	154524	67.739	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.271	180	233	2.653	ug/l	97
95) Naphthalene	15.504	128	5114	4.209	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.700	180	205	2.561	ug/l #	30

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

Quant Time: Oct 14 06:43:36 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN068903.D

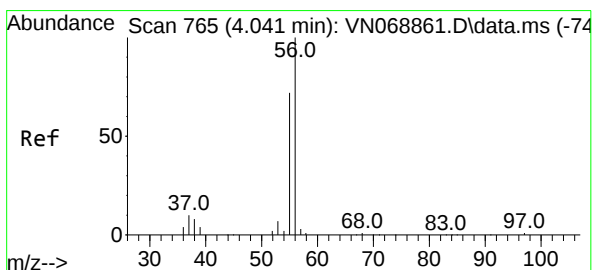
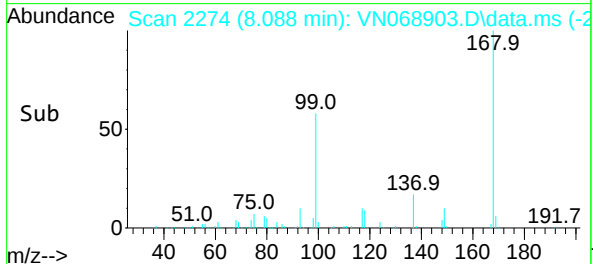
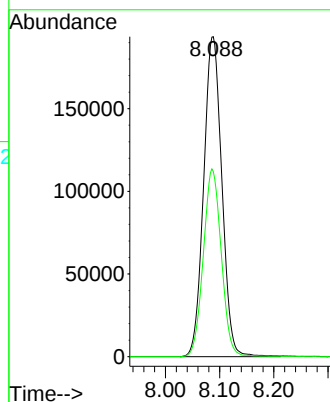
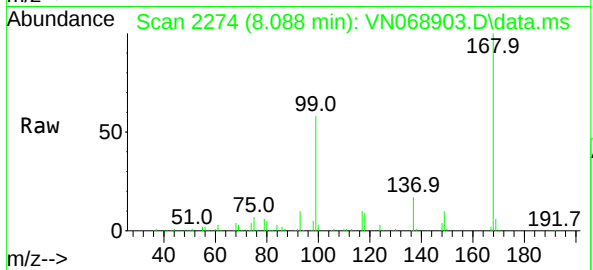
Acq: 13 Oct 2021 17:38

Tgt Ion:168 Resp: 451826

Ion Ratio Lower Upper

168 100

99 57.9 48.9 73.3



#13

Acrolein

Concen: 0.476 ug/l

RT: 4.047 min Scan# 767

Delta R.T. 0.005 min

Lab File: VN068903.D

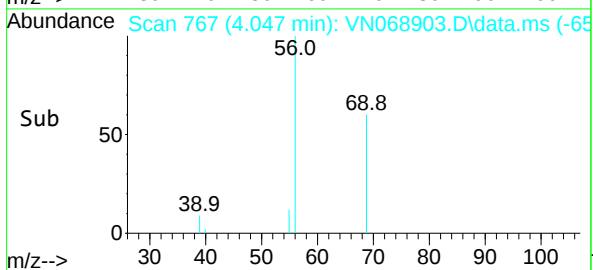
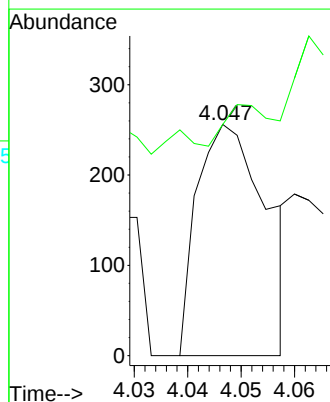
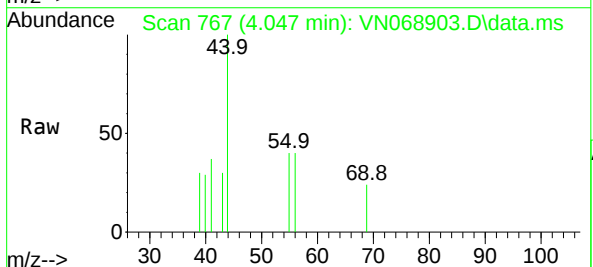
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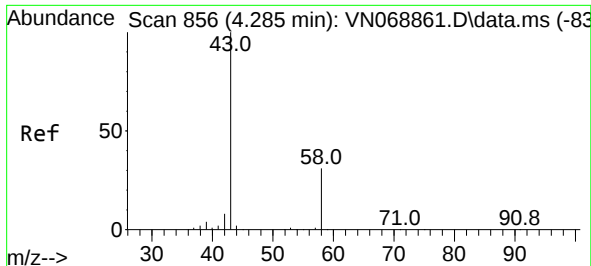
Tgt Ion: 56 Resp: 229

Ion Ratio Lower Upper

56 100

55 40.2 58.1 87.1#

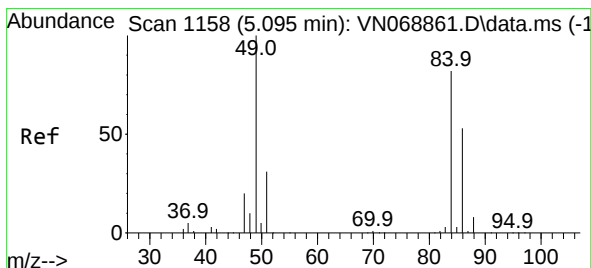
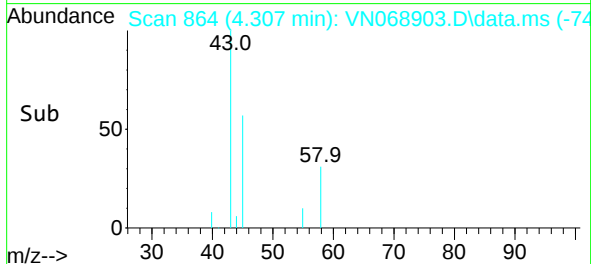
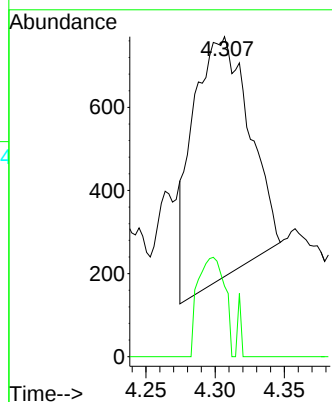
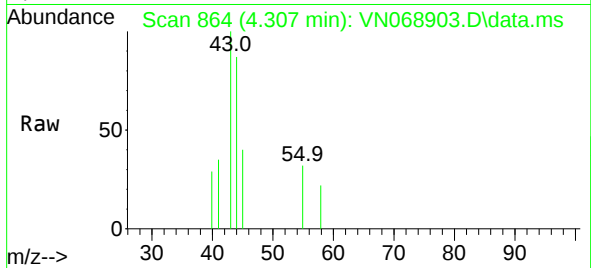




#16
Acetone
Concen: 0.738 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

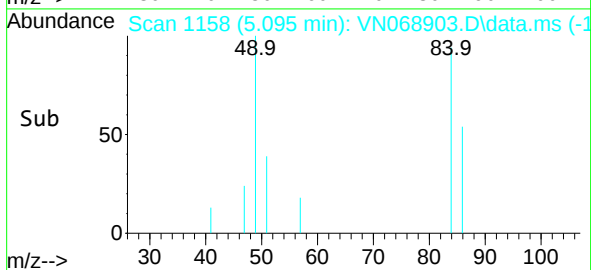
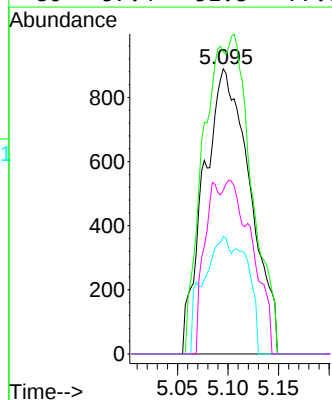
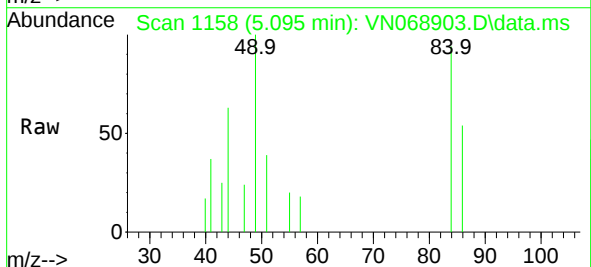
Instrument :
MSVOA_N
ClientSampled :
HAR-1

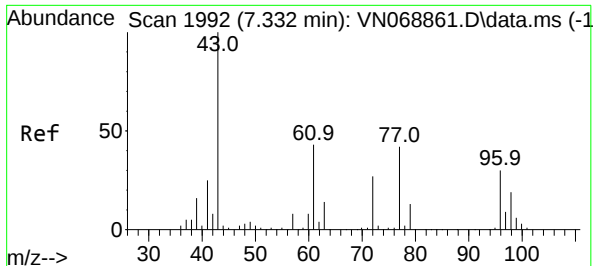
Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 34.3 24.5 36.7



#20
Methylene Chloride
Concen: 0.552 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 84 Resp: 2827
Ion Ratio Lower Upper
84 100
49 106.0 97.6 146.4
51 41.2 30.3 45.5
86 57.4 51.8 77.6

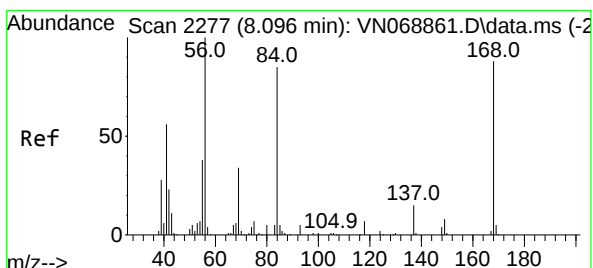
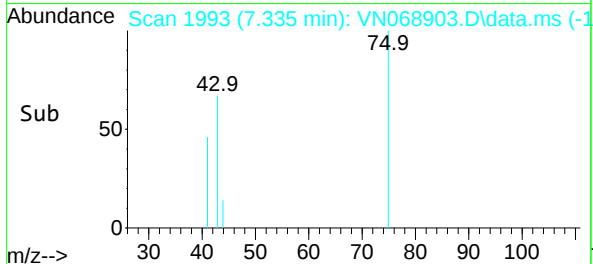
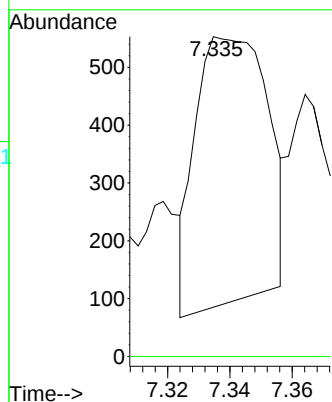
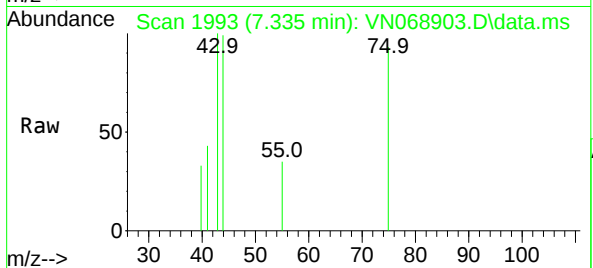




#25
2-Butanone
Concen: 0.220 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

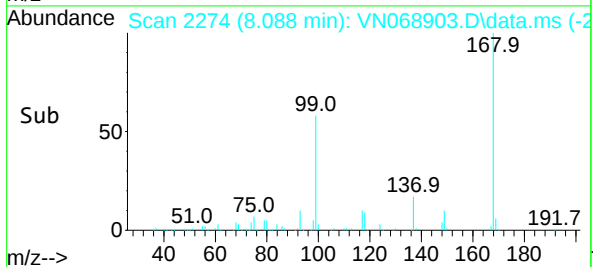
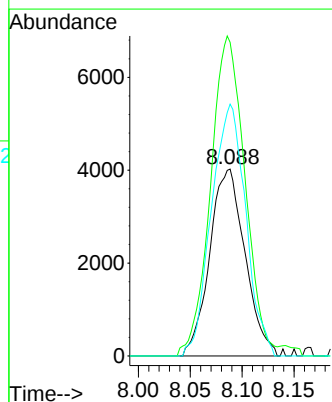
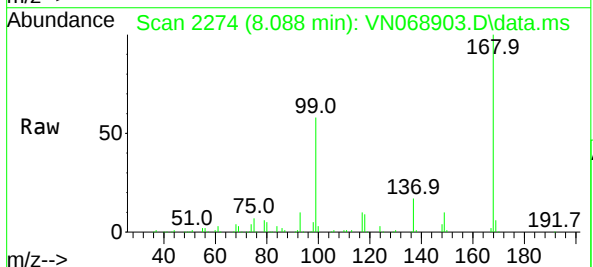
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MSVOA_N
ClientSampled :
HAR-1

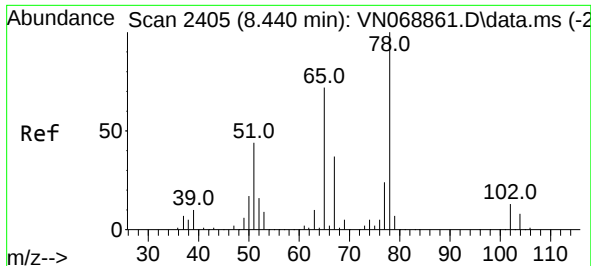
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 56 Resp: 9519
Ion Ratio Lower Upper
56 100
69 163.5 26.9 40.3#
84 134.7 67.6 101.4#



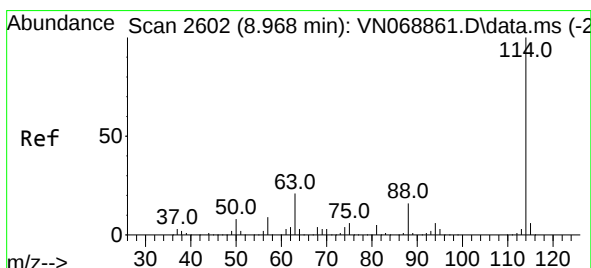
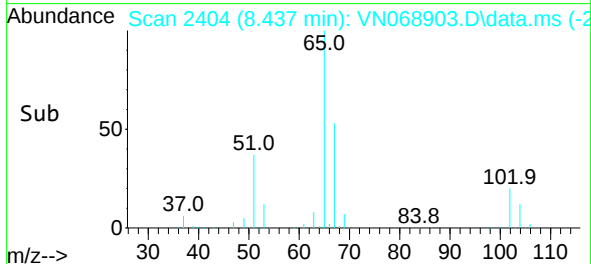
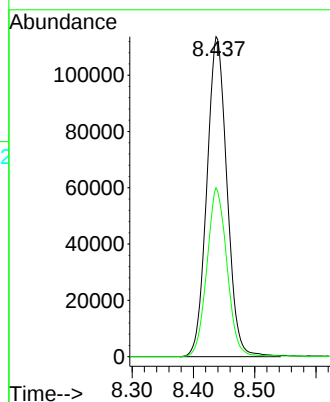
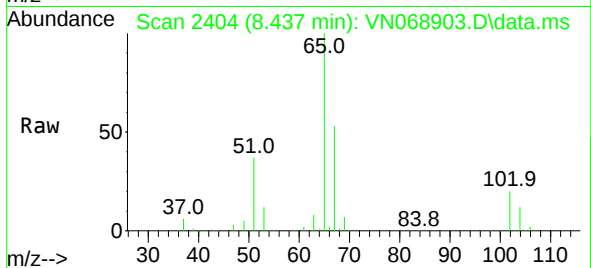


#33

1,2-Dichloroethane-d4
Concen: 43.508 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Instrument :
MSVOA_N
ClientSampled :
HAR-1

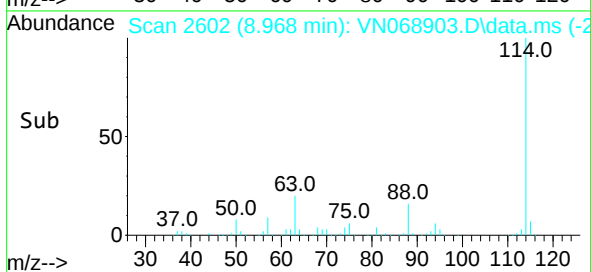
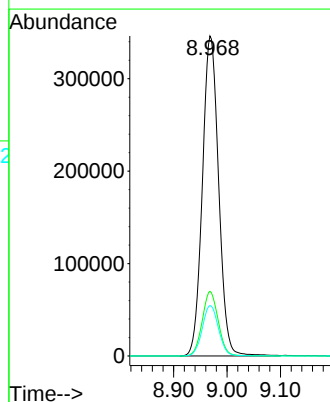
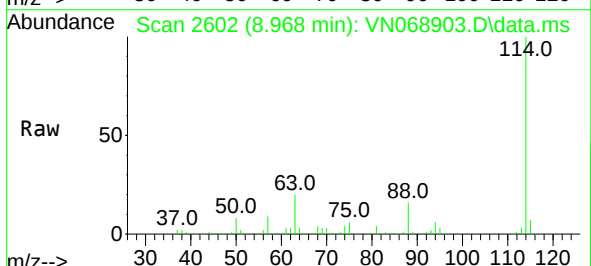
Tgt Ion: 65 Resp: 259183
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

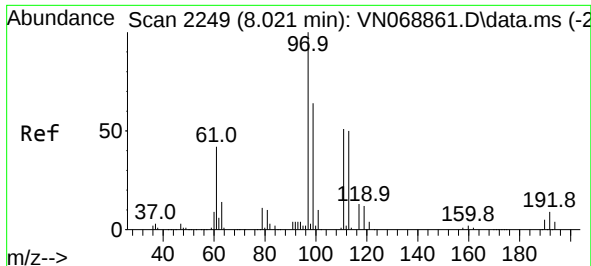


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 114 Resp: 731800
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.7 0.0 32.0

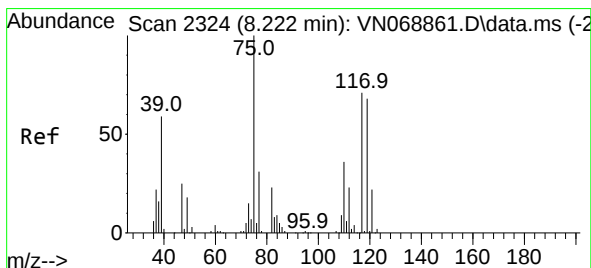
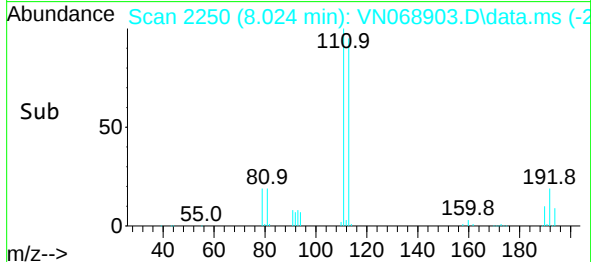
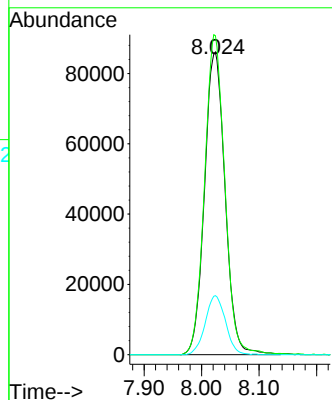
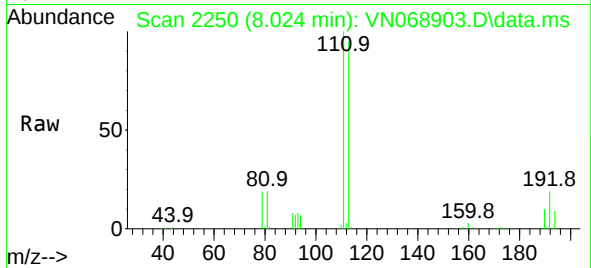




#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

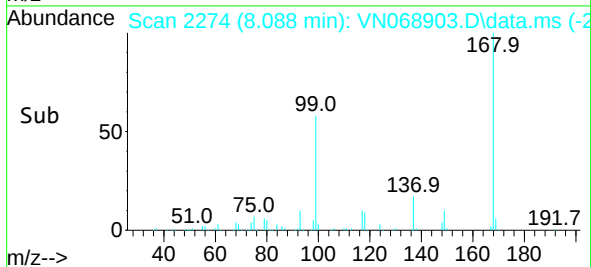
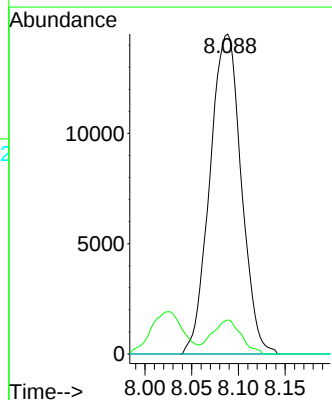
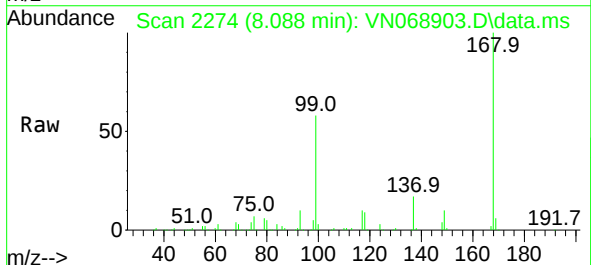
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ClientSampled :
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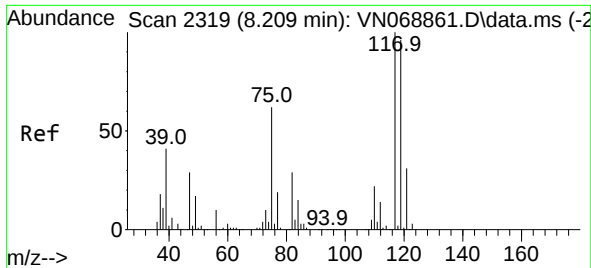
Tgt Ion:113 Resp: 214357
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 75 Resp: 33920
Ion Ratio Lower Upper
75 100
110 9.8 17.9 53.8#
77 0.0 24.7 37.1#

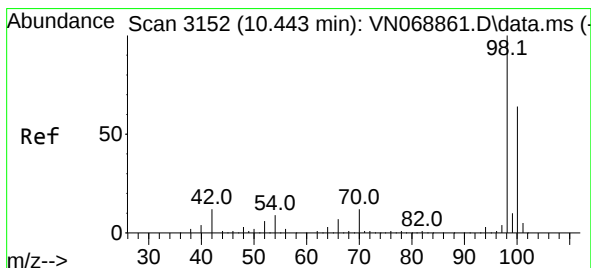
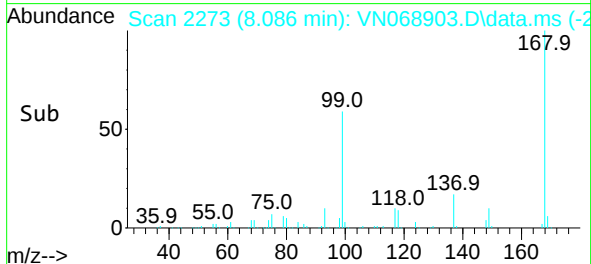
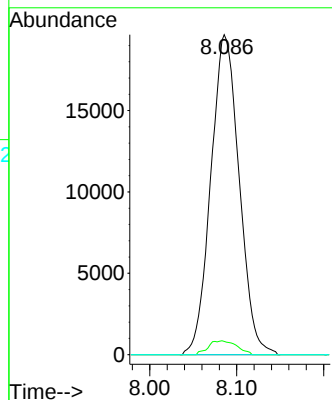
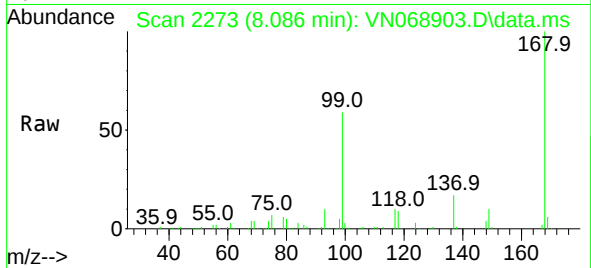




#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

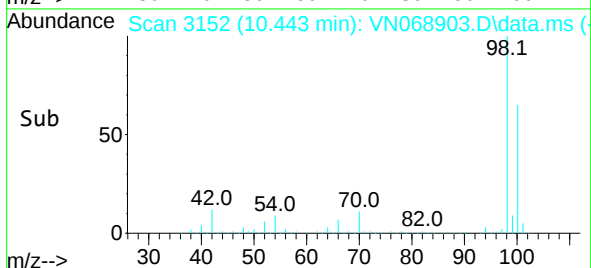
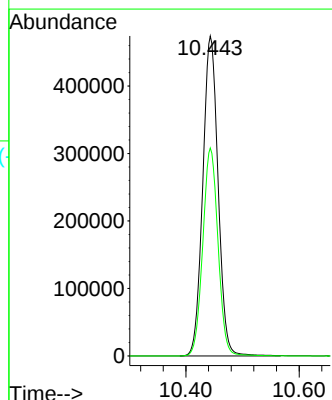
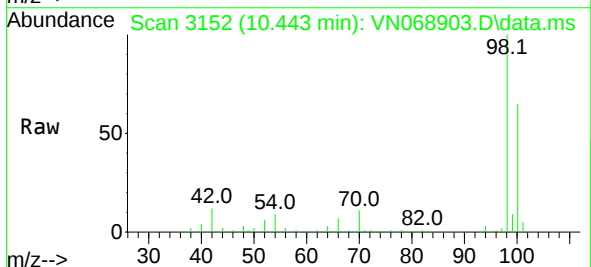
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MSVOA_N
ClientSampled :
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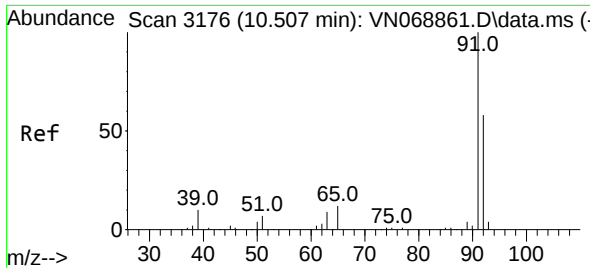
Tgt Ion:117 Resp: 44629
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.233 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 98 Resp: 889821
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

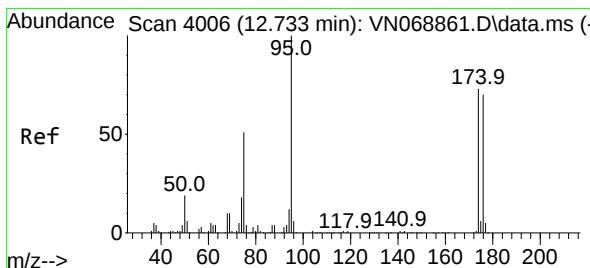
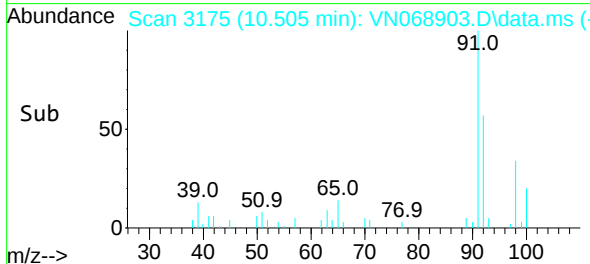
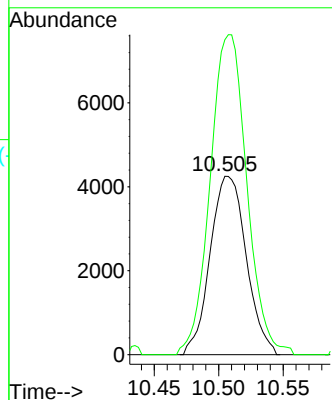
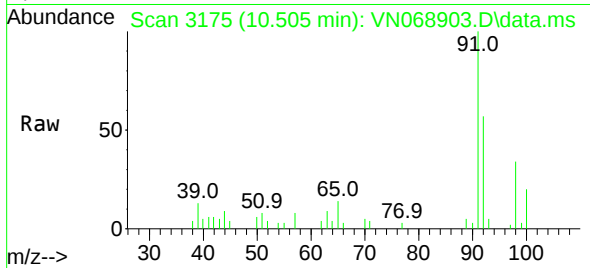




#52
Toluene
Concen: 0.677 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

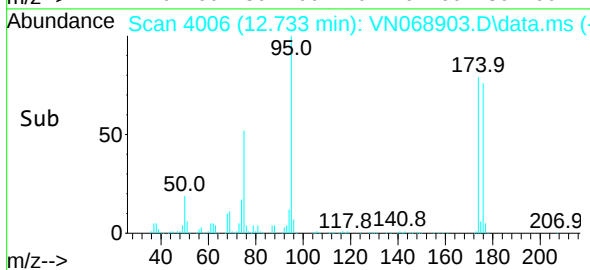
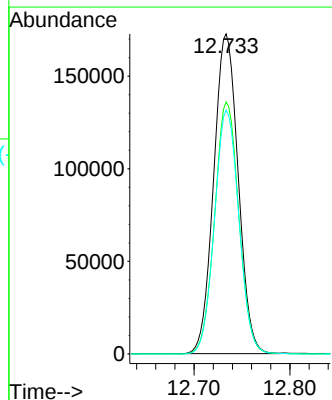
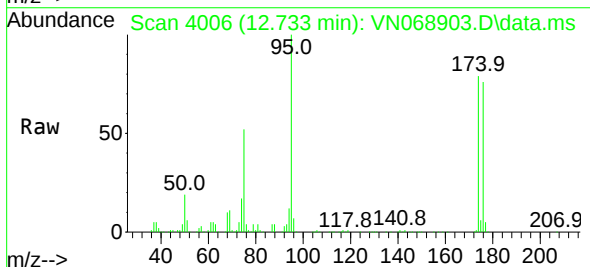
Instrument :
MSVOA_N
ClientSampled :
HAR-1

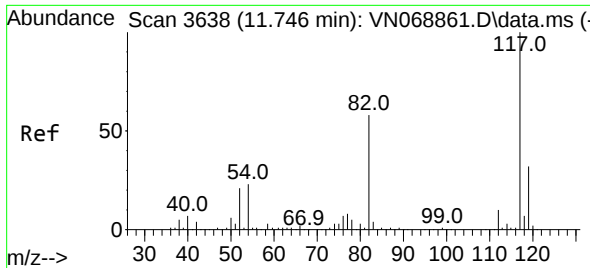
Tgt Ion: 92 Resp: 8287
Ion Ratio Lower Upper
92 100
91 182.0 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 47.599 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion: 95 Resp: 305936
Ion Ratio Lower Upper
95 100
174 78.1 0.0 144.8
176 76.0 0.0 140.0

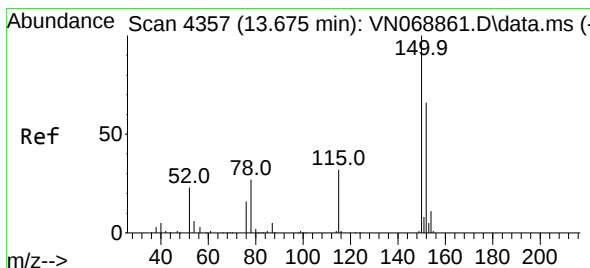
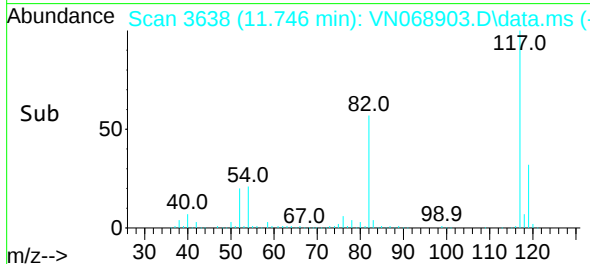
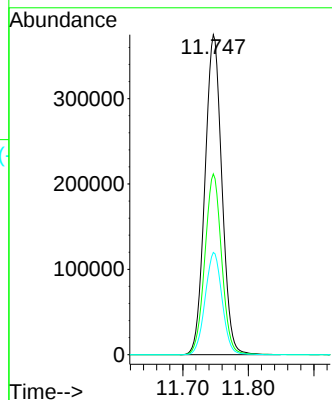
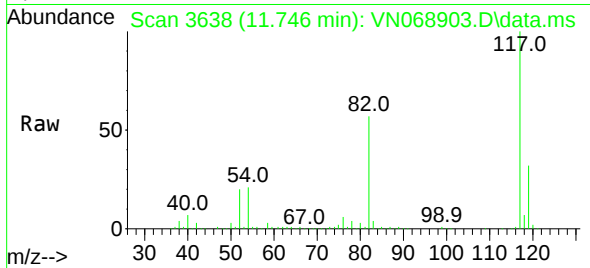




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

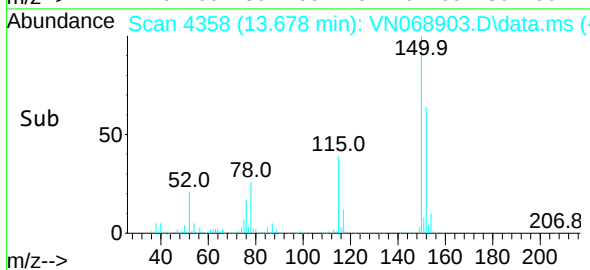
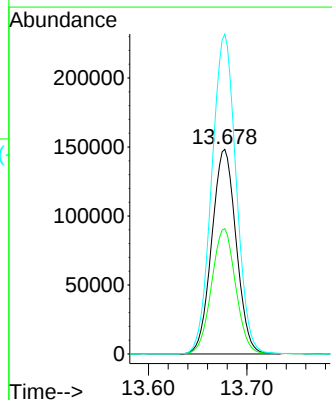
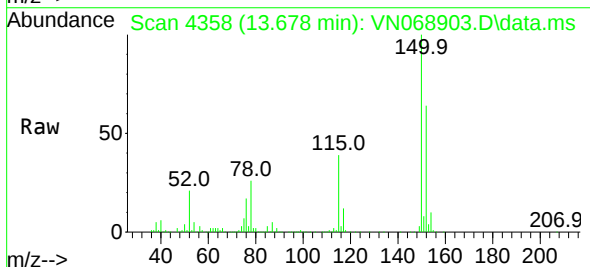
Instrument :
MSVOA_N
ClientSampleId :
HAR-1

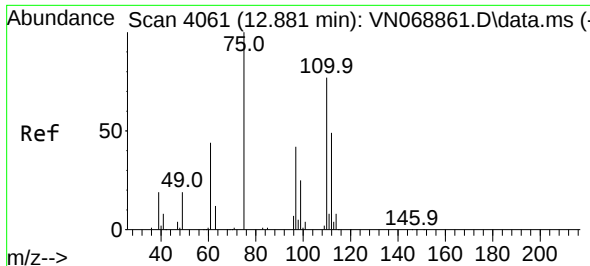
Tgt Ion:117 Resp: 672442
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

Tgt Ion:152 Resp: 256497
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.3
150 156.1 0.0 351.0

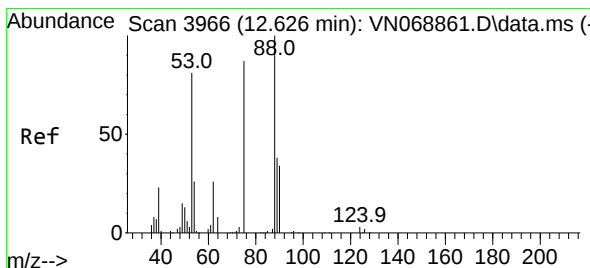
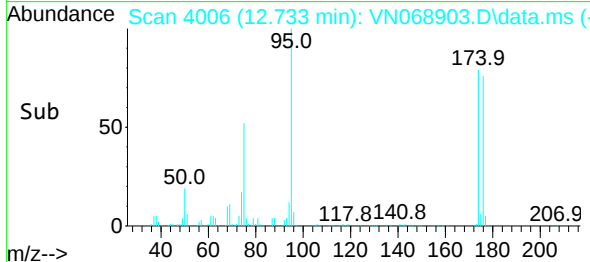
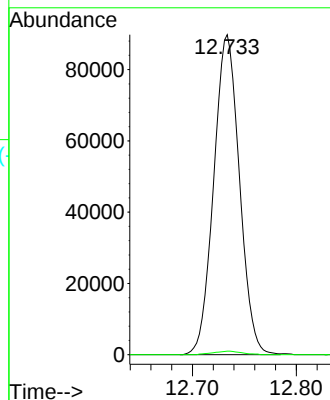
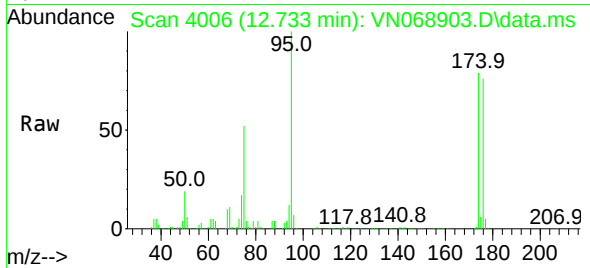




#76
1,2,3-Trichloropropane
Concen: 28.314 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

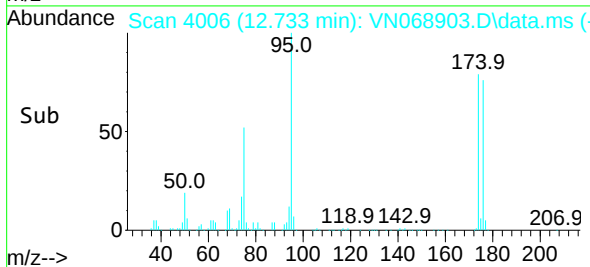
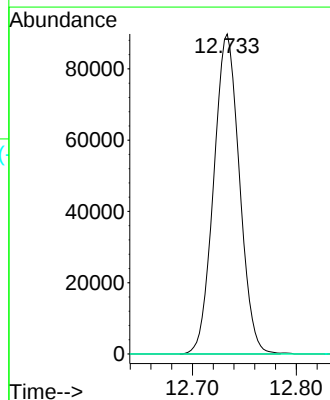
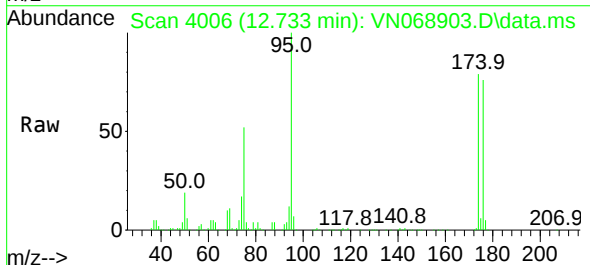
Instrument :
MSVOA_N
ClientSampled :
HAR-1

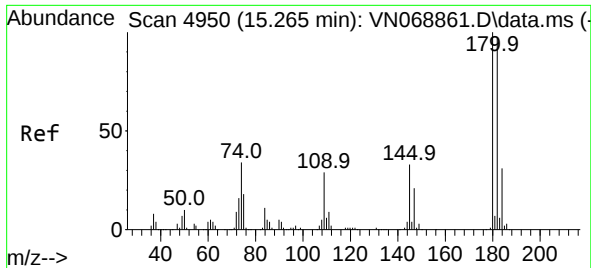
Tgt Ion: 75 Resp: 154524
Ion Ratio Lower Upper
75 100
77 1.2 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.739 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

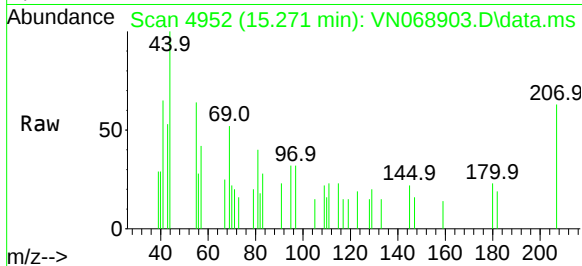
Tgt Ion: 75 Resp: 154524
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



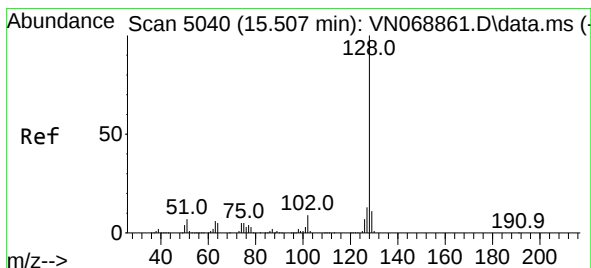
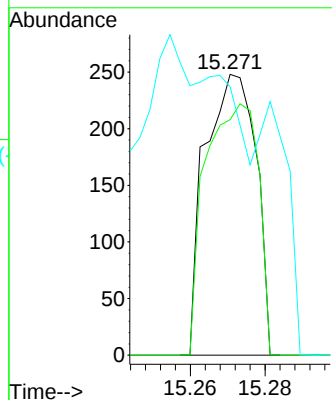
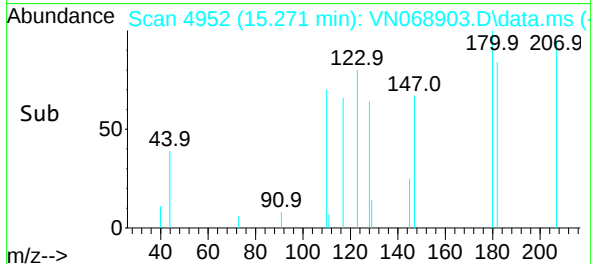


#93
1,2,4-Trichlorobenzene
Concen: 2.653 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38

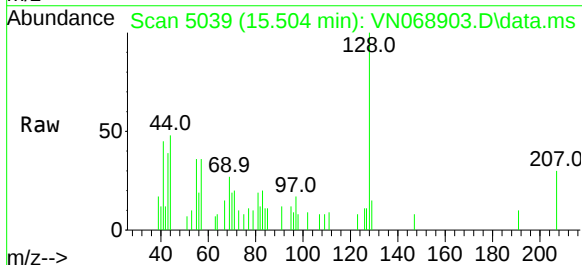
Instrument :
MSVOA_N
ClientSampled :
HAR-1



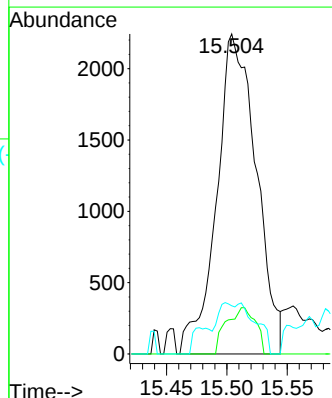
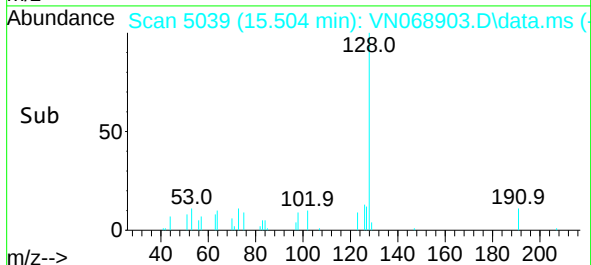
Tgt Ion:180 Resp: 233
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.7
145 29.6 16.4 49.2

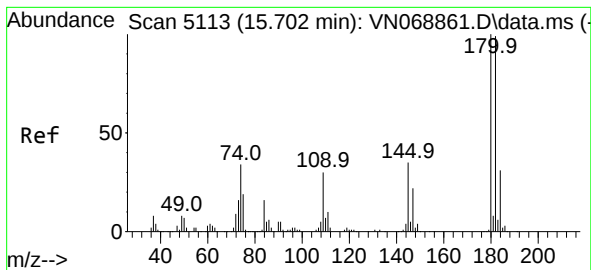


#95
Naphthalene
Concen: 4.209 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068903.D
Acq: 13 Oct 2021 17:38



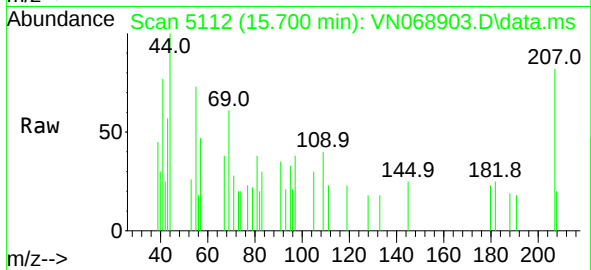
Tgt Ion:128 Resp: 5114
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 3.5 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.561 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN068903.D
 Acq: 13 Oct 2021 17:38

Instrument :
 MSVOA_N
 ClientSampled :
 HAR-1



Tgt Ion:180 Resp: 205

Ion	Ratio	Lower	Upper
180	100		
182	134.6	48.1	144.3
145	124.9	17.4	52.2#

