

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068905.D
 Acq On : 13 Oct 2021 18:29
 Operator : JC/MD
 Sample : M4192-05 10X
 Misc : 5.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-6

Quant Time: Oct 14 06:43:55 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)

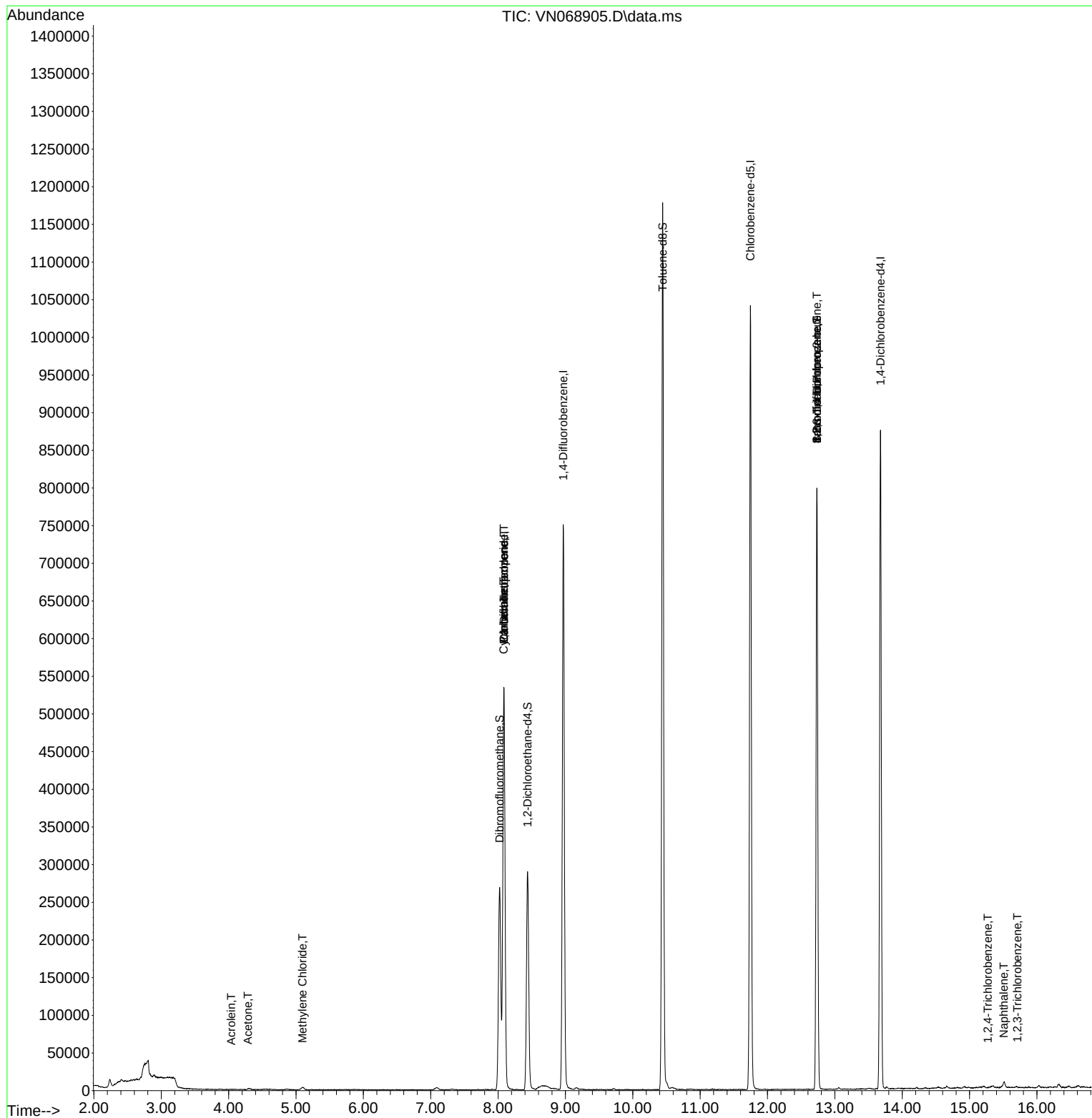
Internal Standards						
1) Pentafluorobenzene	8.088	168	423708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	682189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	629369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	245107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	241552	43.239	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.480%		
35) Dibromofluoromethane	8.024	113	200762	50.582	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.160%		
50) Toluene-d8	10.443	98	832320	52.411	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.820%		
62) 4-Bromofluorobenzene	12.733	95	286544	47.824	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.640%		
Target Compounds						Qvalue
13) Acrolein	4.038	56	202	0.447	ug/l #	1
16) Acetone	4.285	43	725	0.348	ug/l	100
20) Methylene Chloride	5.095	84	2900	0.604	ug/l	94
31) Cyclohexane	8.083	56	8703	1.002	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	31261	5.365	ug/l #	50
38) Carbon Tetrachloride	8.086	117	41999	6.563	ug/l #	15
71) Bromoform	12.733	173	2339	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	144114	27.634	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	144114	66.112	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.271	180	75	2.619	ug/l #	63
95) Naphthalene	15.507	128	5173	4.232	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.708	180	75	2.532	ug/l #	61

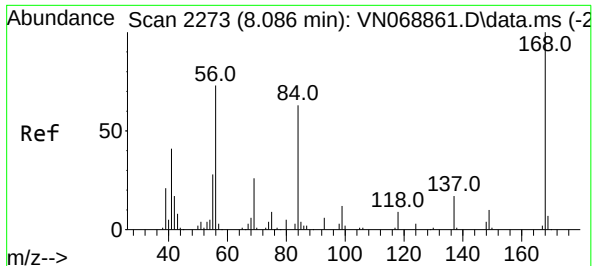
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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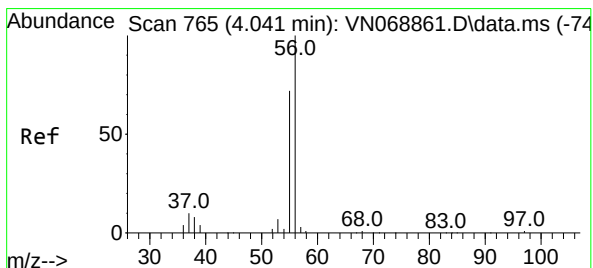
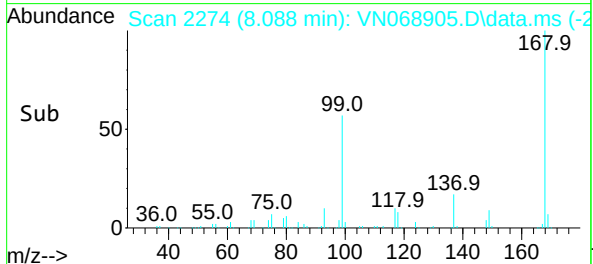
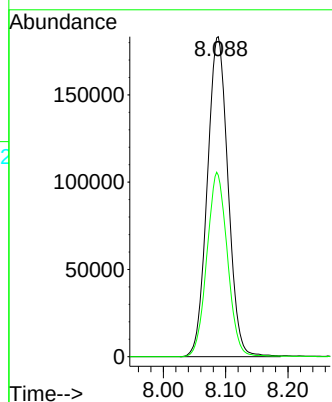
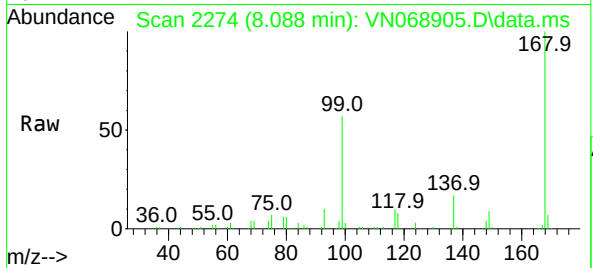




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

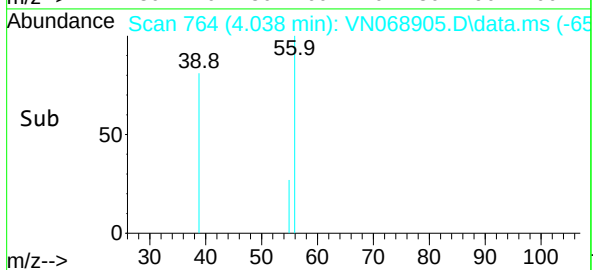
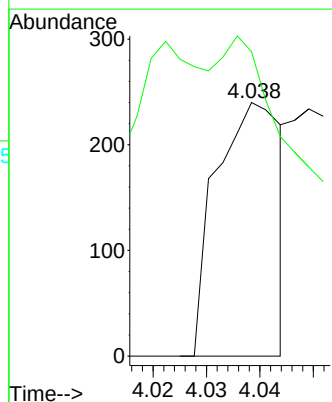
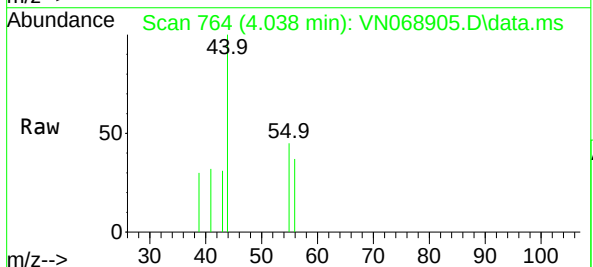
Instrument :
MSVOA_N
ClientSampled :
HAR-6

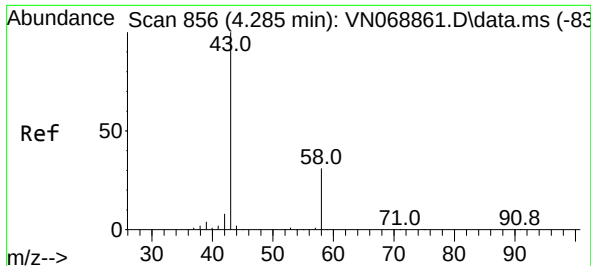
Tgt Ion:168 Resp: 423708
Ion Ratio Lower Upper
168 100
99 56.7 48.9 73.3



#13
Acrolein
Concen: 0.447 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 232.7 58.1 87.1#

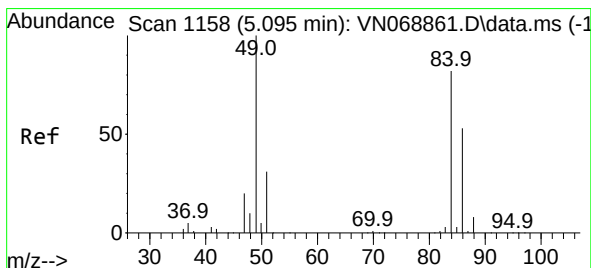
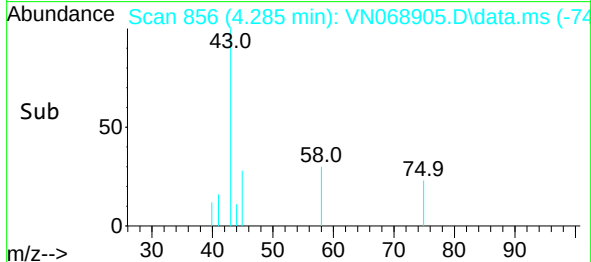
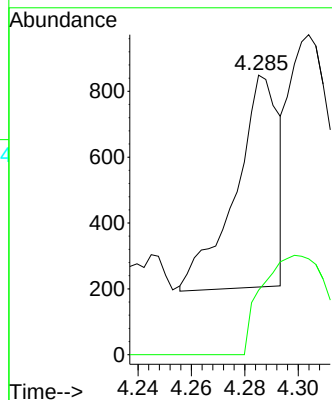
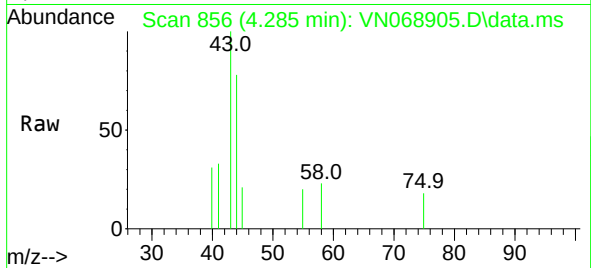




#16
Acetone
Concen: 0.348 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

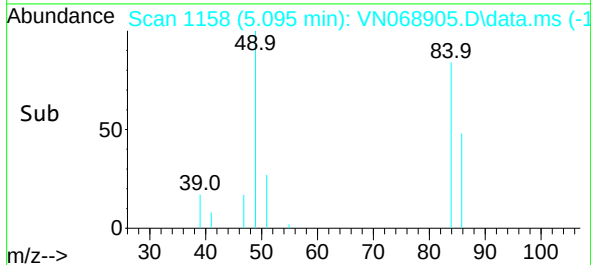
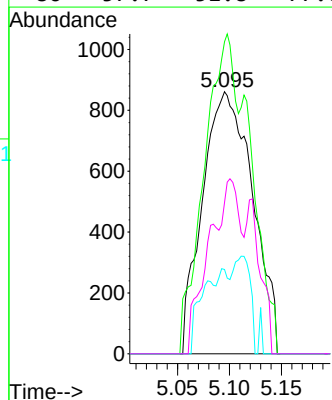
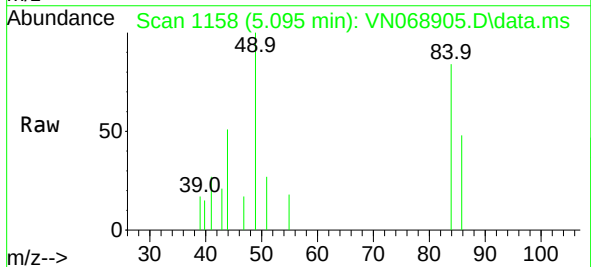
Instrument :
MSVOA_N
ClientSampled :
HAR-6

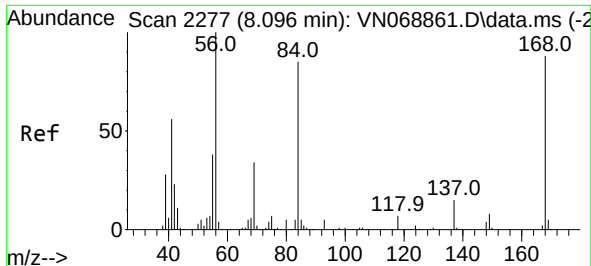
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7



#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 84 Resp: 2900
Ion Ratio Lower Upper
84 100
49 119.0 97.6 146.4
51 32.2 30.3 45.5
86 57.7 51.8 77.6

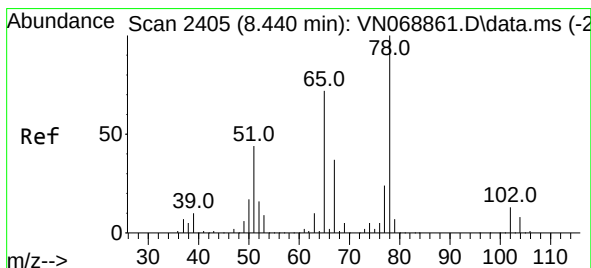
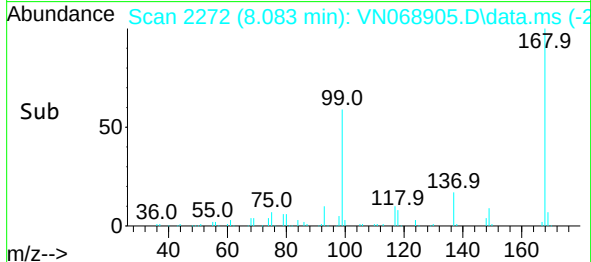
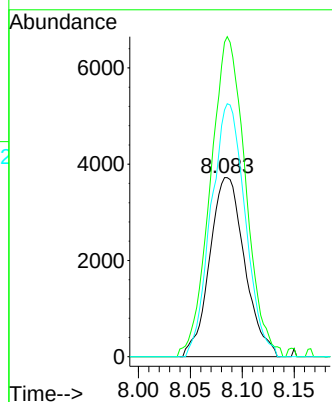
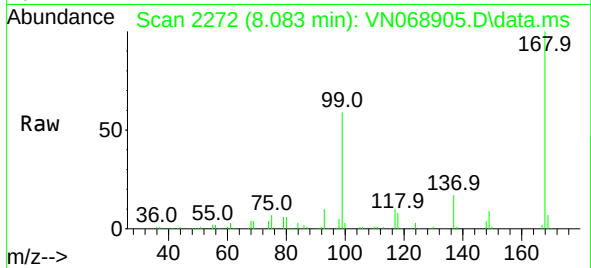




#31
Cyclohexane
Concen: 1.002 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

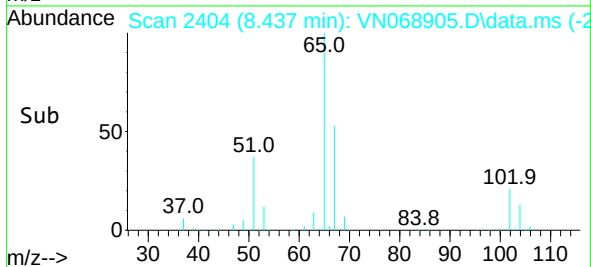
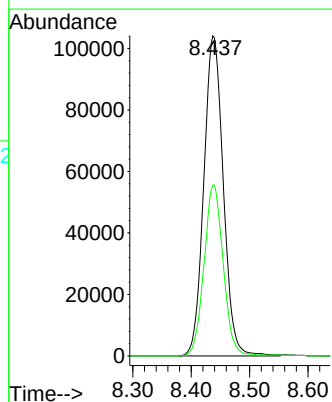
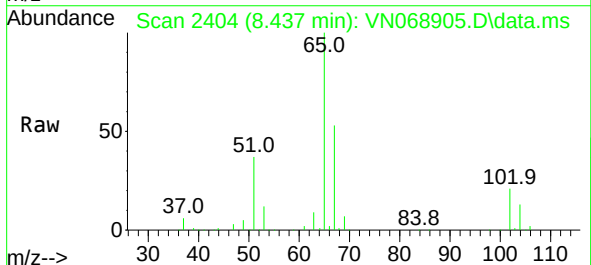
Instrument :
MSVOA_N
ClientSampleId :
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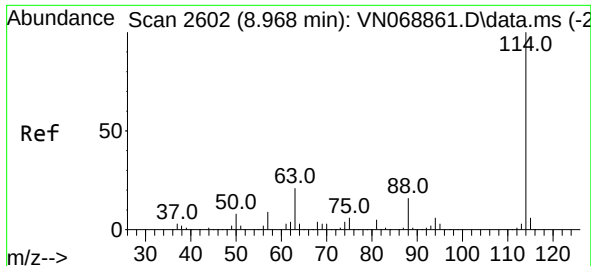
Tgt Ion: 56 Resp: 8703
Ion Ratio Lower Upper
56 100
69 171.2 26.9 40.3#
84 137.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 43.239 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 65 Resp: 241552
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8

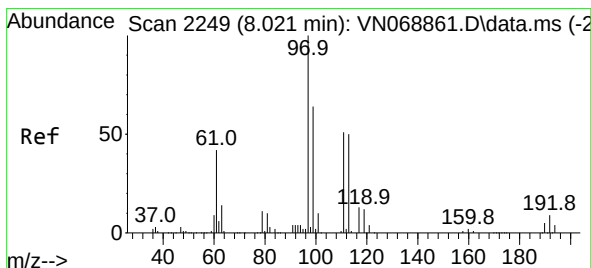
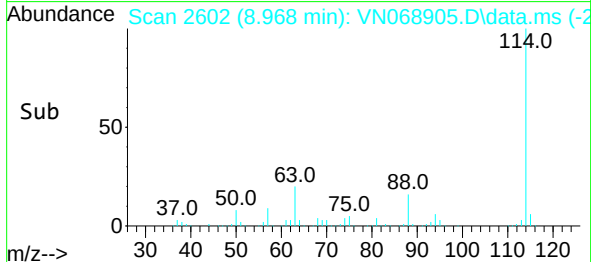
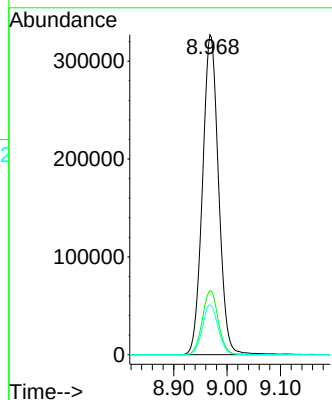
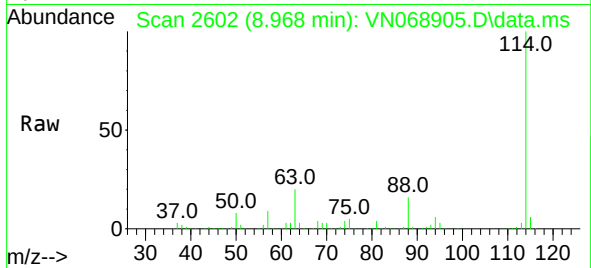




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

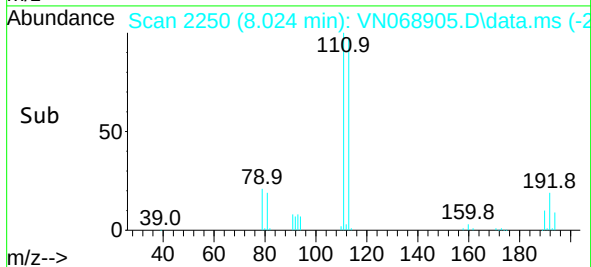
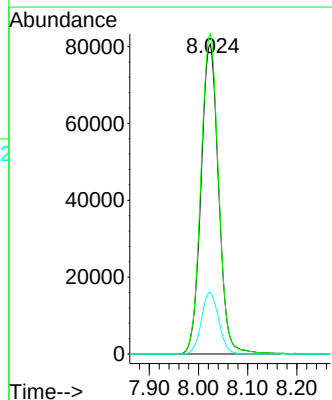
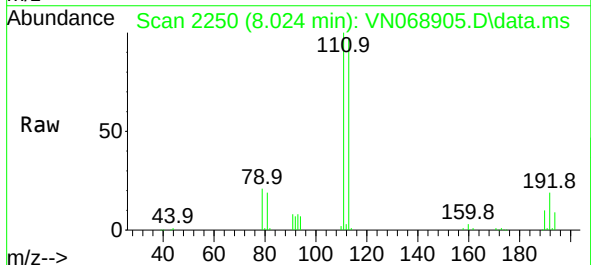
Instrument :
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ClientSampled :
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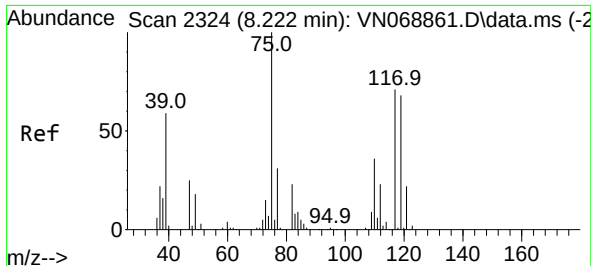
Tgt Ion:114 Resp: 682189
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.582 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion:113 Resp: 200762
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 19.5 15.0 22.4

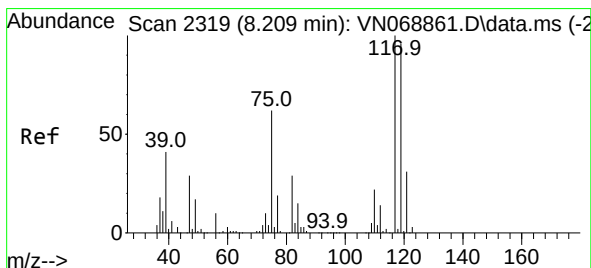
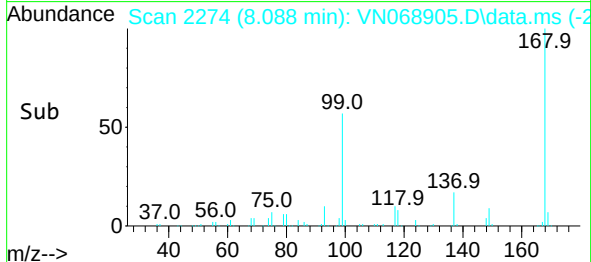
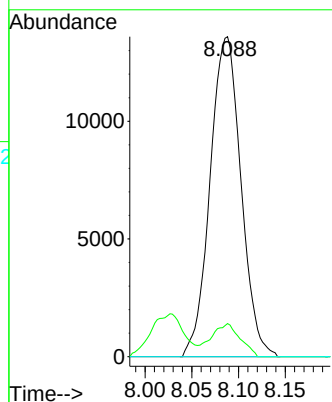
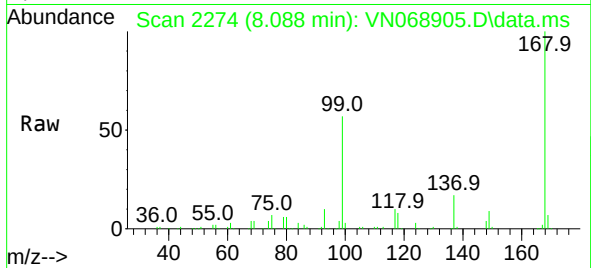




#36
1,1-Dichloropropene
Concen: 5.365 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

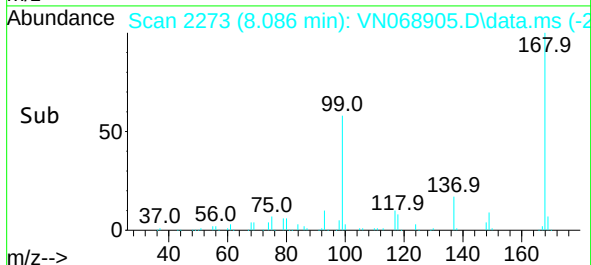
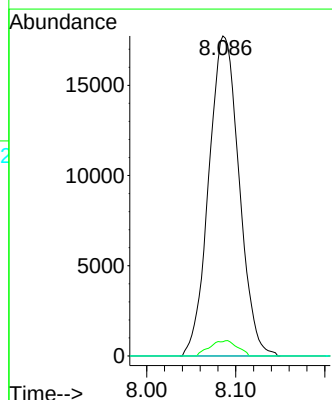
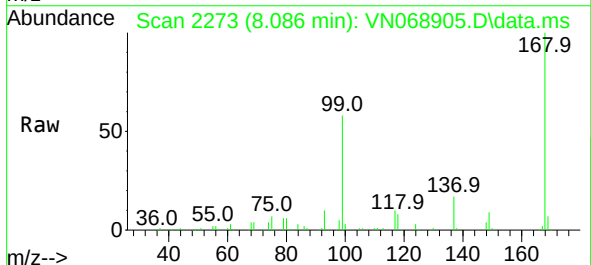
Instrument :
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ClientSampled :
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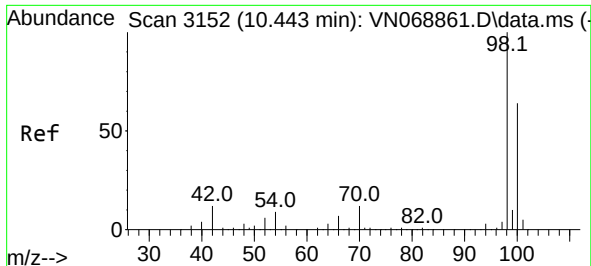
Tgt Ion: 75 Resp: 31261
Ion Ratio Lower Upper
75 100
110 9.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 117 Resp: 41999
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

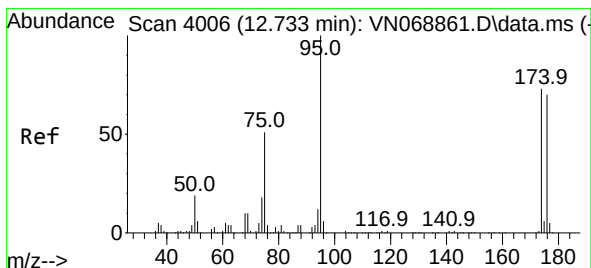
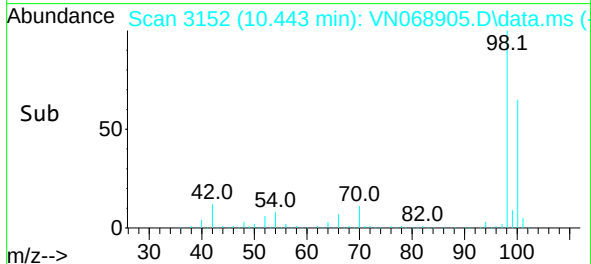
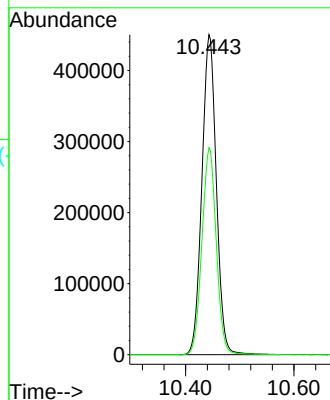
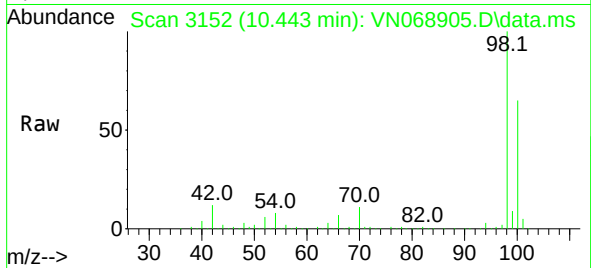




#50
Toluene-d8
Concen: 52.411 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

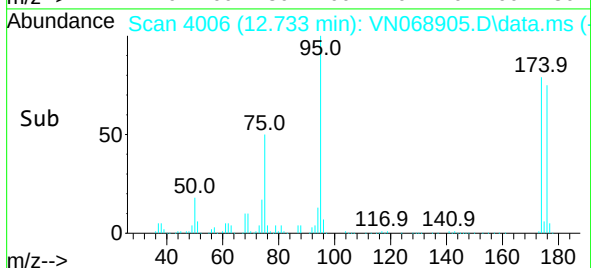
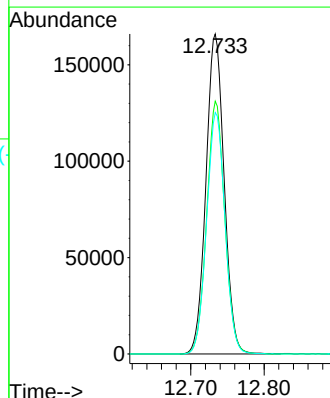
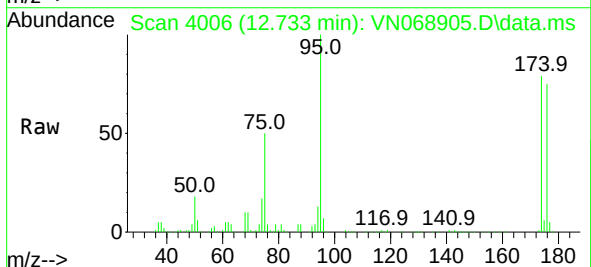
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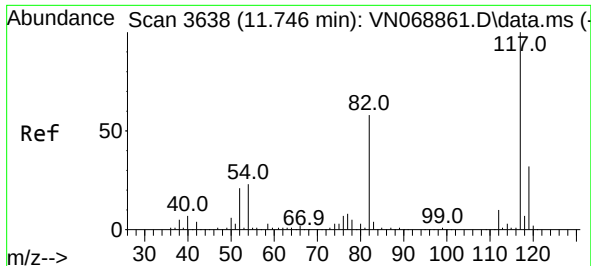
Tgt Ion: 98 Resp: 832320
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.824 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 95 Resp: 286544
Ion Ratio Lower Upper
95 100
174 78.5 0.0 144.8
176 76.1 0.0 140.0

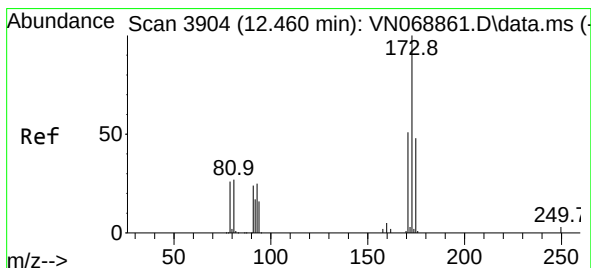
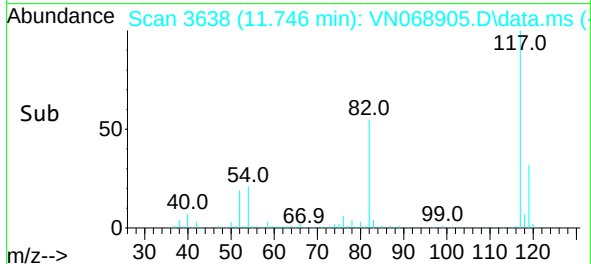
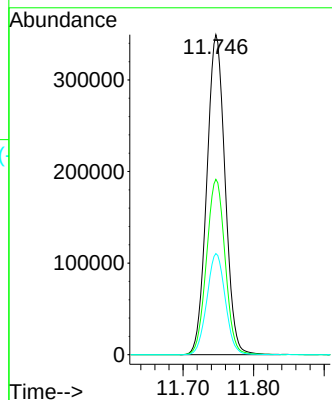
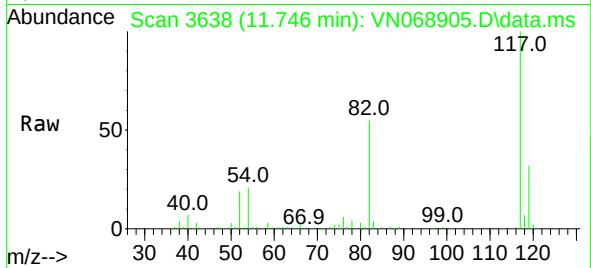




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

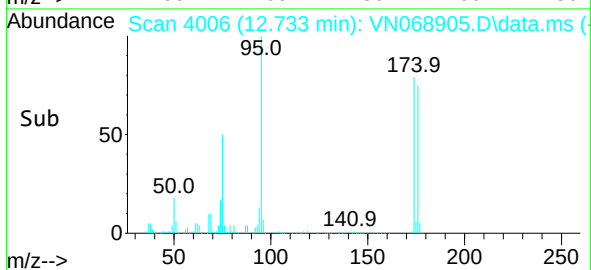
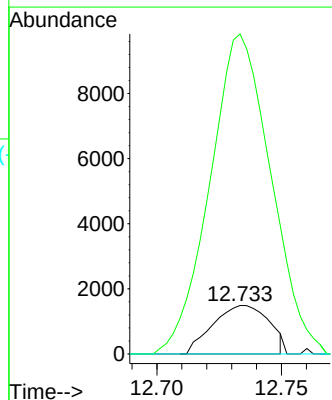
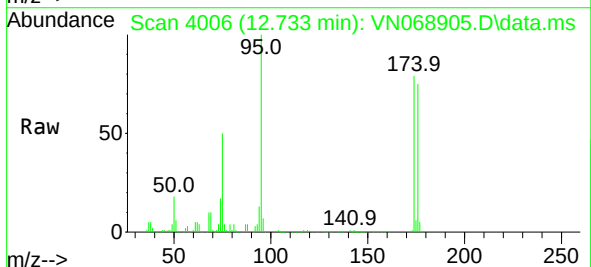
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HAR-6

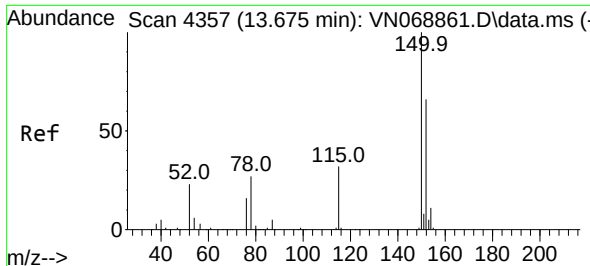
Tgt Ion:117 Resp: 629369
Ion Ratio Lower Upper
117 100
82 54.8 46.4 69.6
119 31.6 26.0 39.0



#71
Bromoform
Concen: 0.626 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion:173 Resp: 2339
Ion Ratio Lower Upper
173 100
175 664.9 23.8 71.5#
254 0.0 0.0 0.0

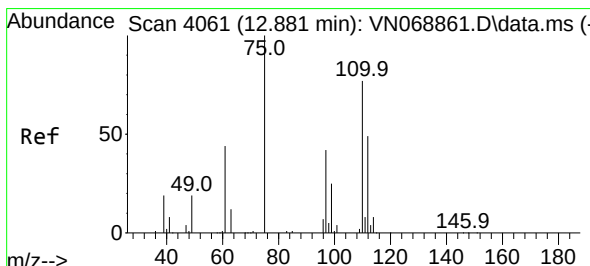
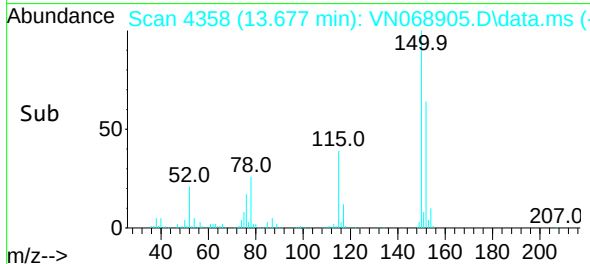
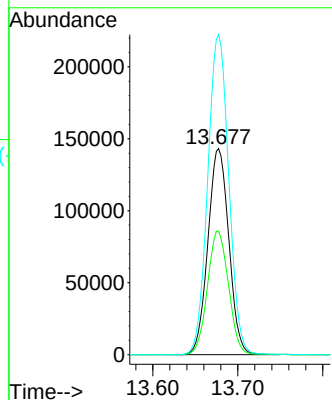
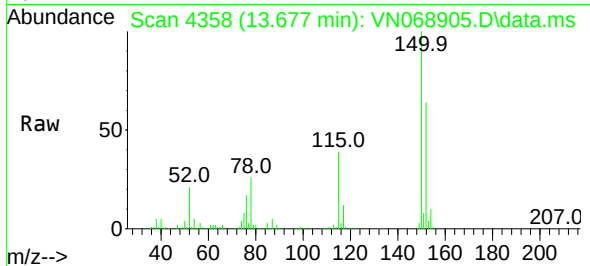




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068905.D
 Acq: 13 Oct 2021 18:29

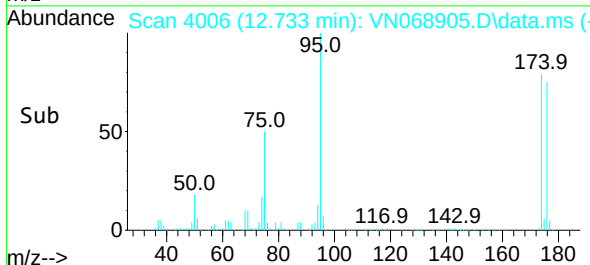
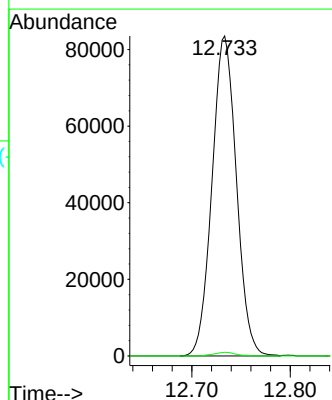
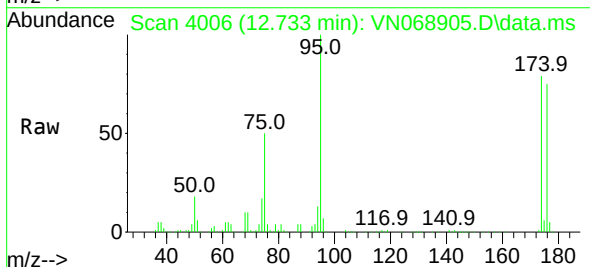
Instrument :
 MSVOA_N
 ClientSampled :
 HAR-6

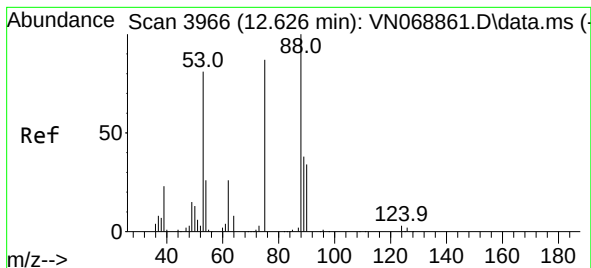
Tgt Ion:152 Resp: 245107
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.4 94.3
 150 156.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.634 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN068905.D
 Acq: 13 Oct 2021 18:29

Tgt Ion: 75 Resp: 144114
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

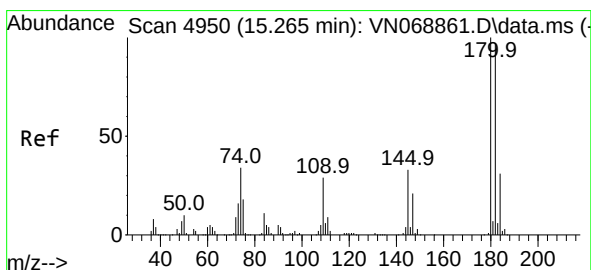
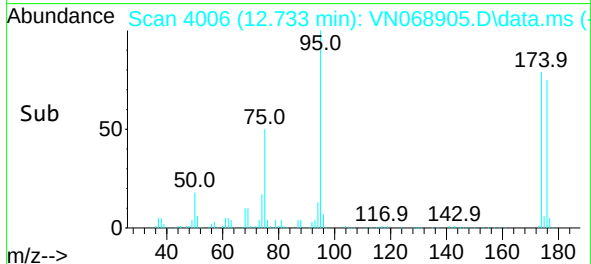
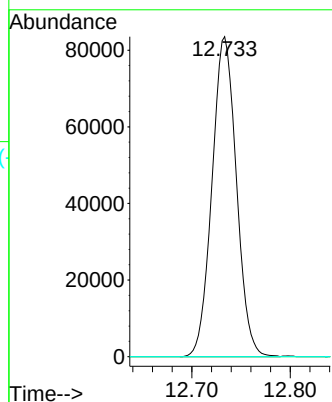
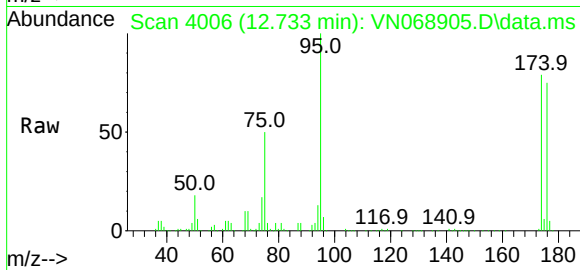




#81
trans-1,4-Dichloro-2-butene
Concen: 66.112 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

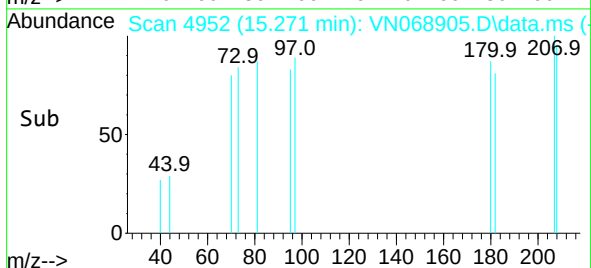
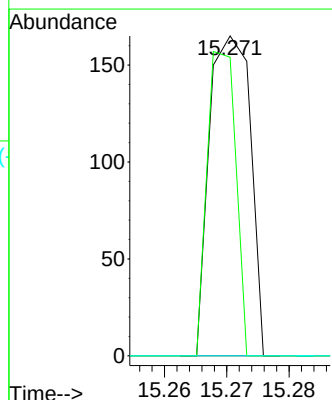
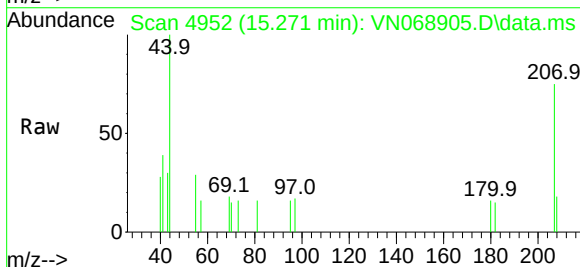
Instrument :
MSVOA_N
ClientSampled :
HAR-6

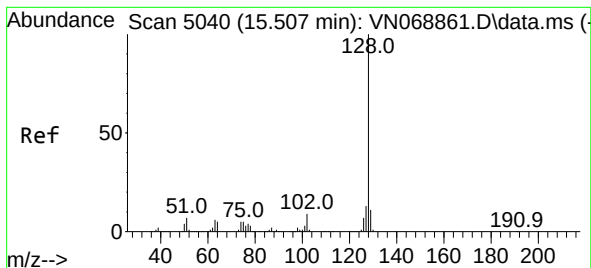
Tgt Ion: 75 Resp: 144114
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.619 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion:180 Resp: 75
Ion Ratio Lower Upper
180 100
182 66.7 47.9 143.7
145 0.0 16.4 49.2#

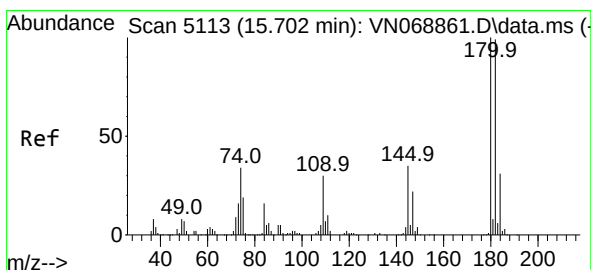
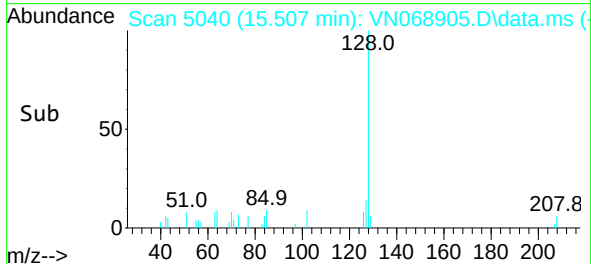
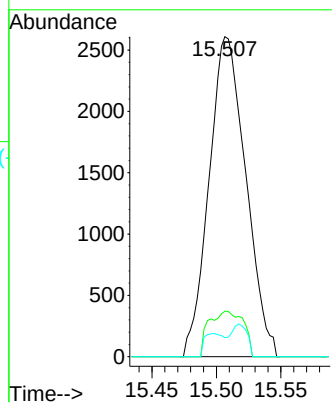
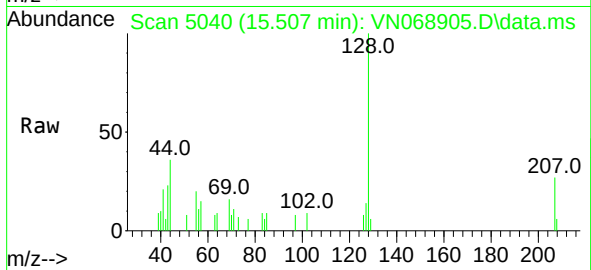




#95
Naphthalene
Concen: 4.232 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Instrument :
MSVOA_N
ClientSampled :
HAR-6

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	3.8	8.9	13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.532 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	68.0	48.1	144.3
145	73.3	17.4	52.2#

