

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068911.D
 Acq On : 13 Oct 2021 20:59
 Operator : JC/MD
 Sample : M4192-17 10X
 Misc : 5.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-18

Quant Time: Oct 14 06:44:45 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)

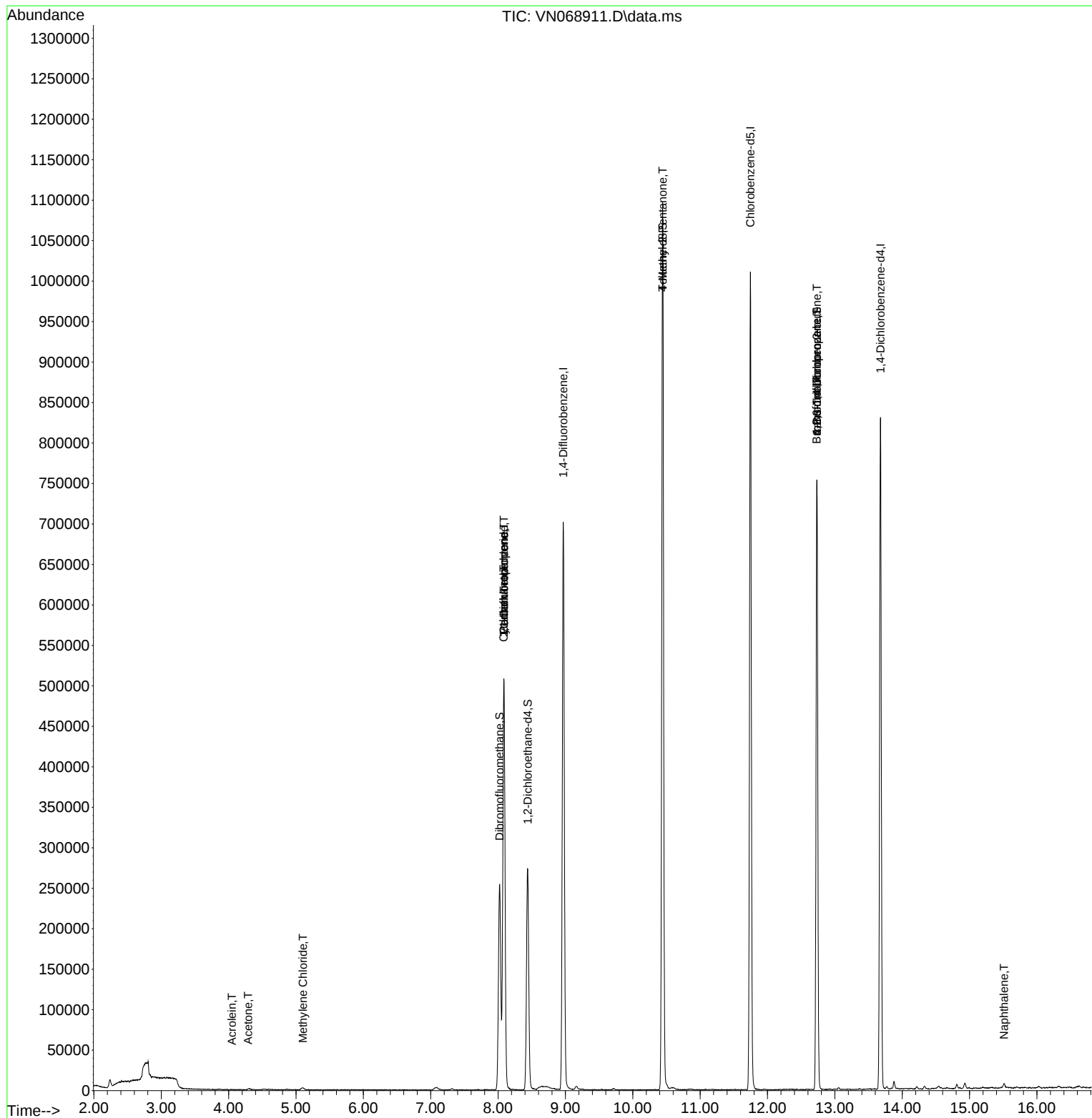
Internal Standards						
1) Pentafluorobenzene	8.086	168	406633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	643060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	603983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	228818	42.679	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.360%		
35) Dibromofluoromethane	8.021	113	189668	50.695	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.380%		
50) Toluene-d8	10.443	98	792387	52.932	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.860%		
62) 4-Bromofluorobenzene	12.734	95	275018	48.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.380%		
Target Compounds						Qvalue
13) Acrolein	4.049	56	293	0.676	ug/l	90
16) Acetone	4.288	43	449	0.224	ug/l #	44
20) Methylene Chloride	5.103	84	2544	0.552	ug/l	90
31) Cyclohexane	8.083	56	8515	1.021	ug/l #	13
36) 1,1-Dichloropropene	8.088	75	29607	5.390	ug/l #	44
38) Carbon Tetrachloride	8.086	117	39906	6.615	ug/l #	16
51) 4-Methyl-2-Pentanone	10.443	43	4097	0.706	ug/l #	1
71) Bromoform	12.731	173	1118	0.312	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	138333	28.058	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	138333	67.126	ug/l #	12
95) Naphthalene	15.512	128	4658	4.212	ug/l #	94

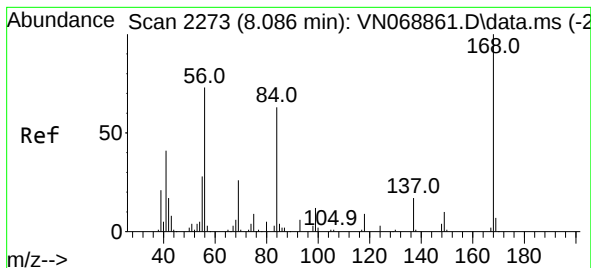
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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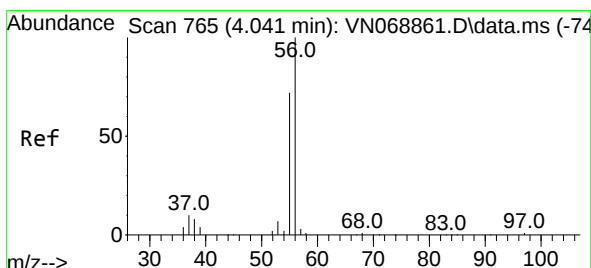
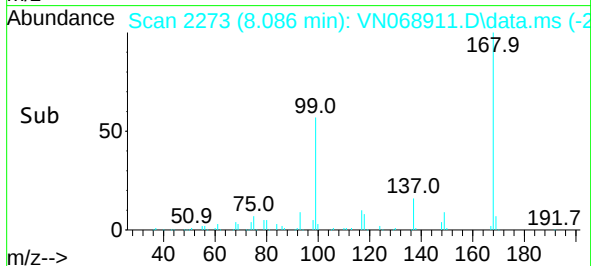
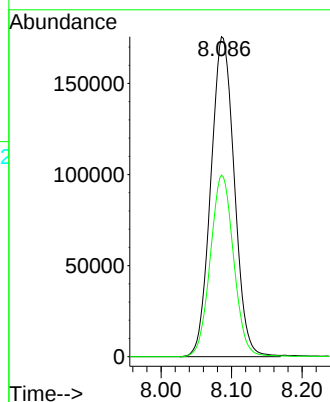
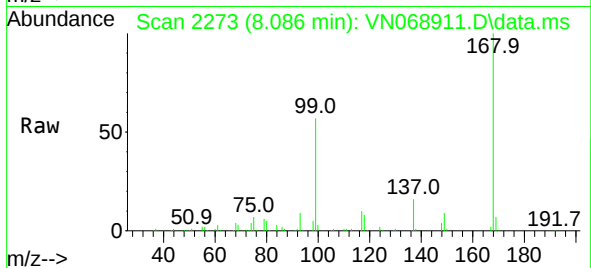




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

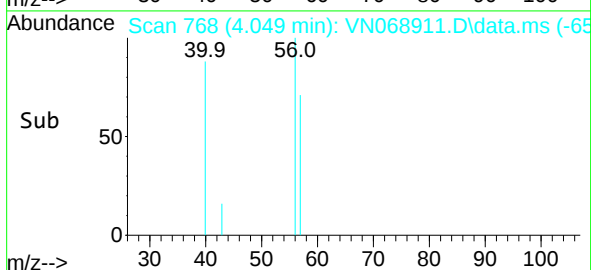
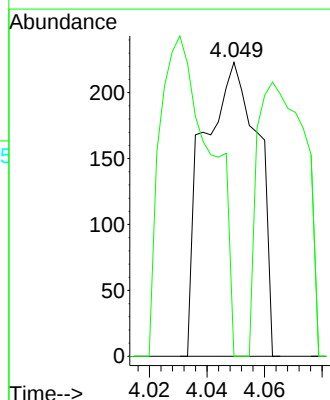
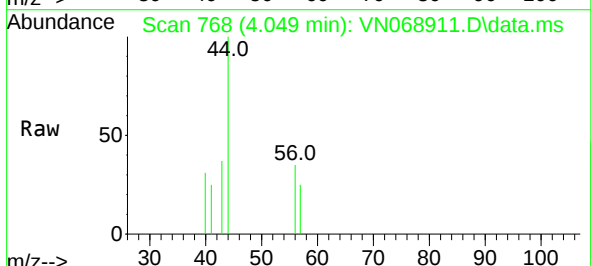
Instrument :
MSVOA_N
ClientSampled :
HAR-18

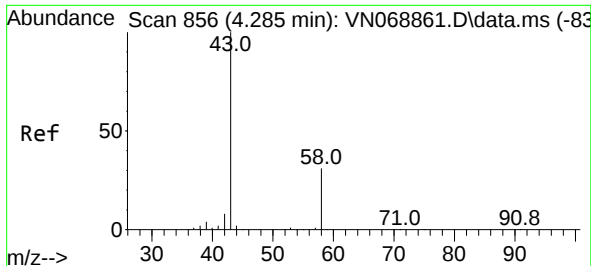
Tgt Ion:168 Resp: 406633
Ion Ratio Lower Upper
168 100
99 56.8 48.9 73.3



#13
Acrolein
Concen: 0.676 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 56 Resp: 293
Ion Ratio Lower Upper
56 100
55 81.2 58.1 87.1

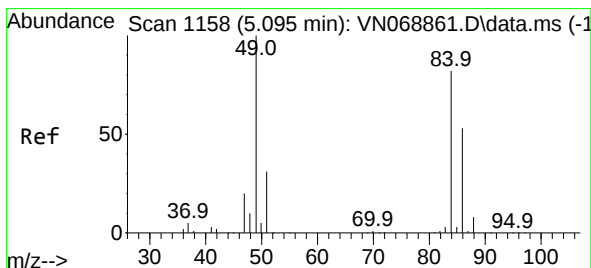
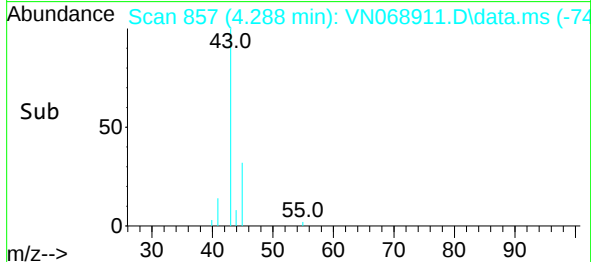
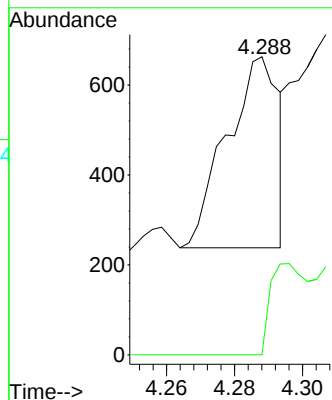
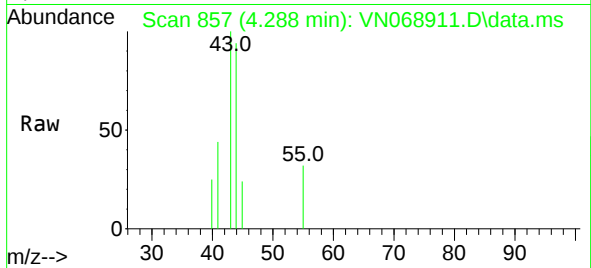




#16
Acetone
Concen: 0.224 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

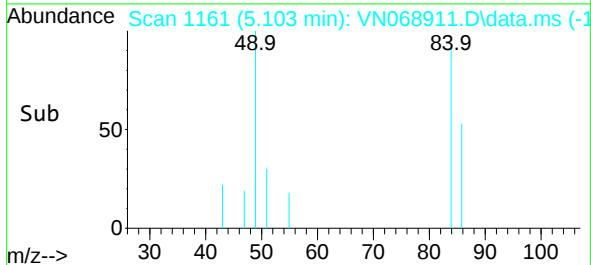
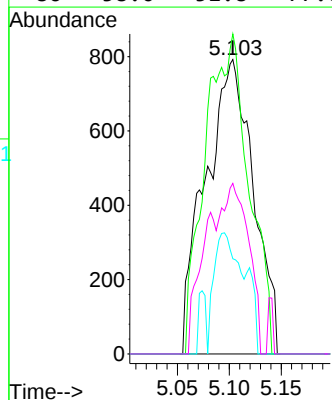
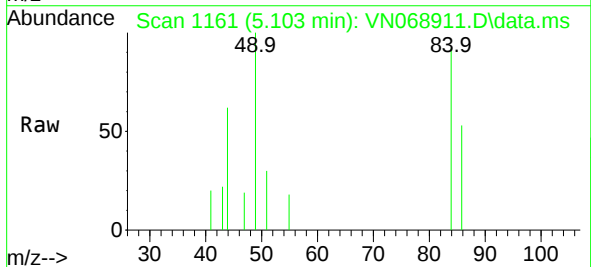
Instrument :
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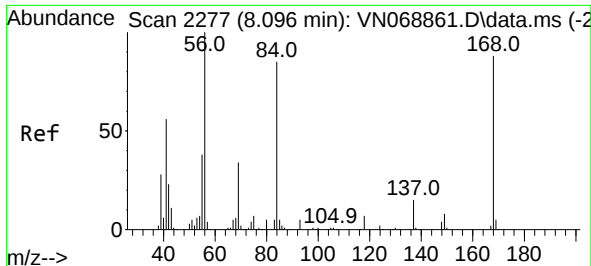
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.552 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 84 Resp: 2544
Ion Ratio Lower Upper
84 100
49 108.7 97.6 146.4
51 32.3 30.3 45.5
86 58.0 51.8 77.6

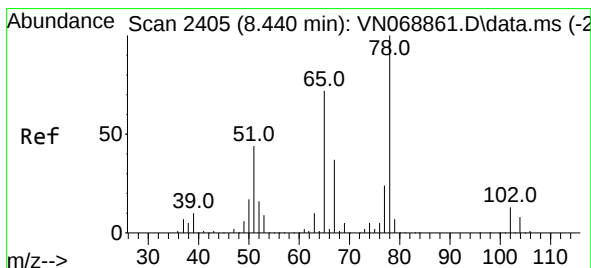
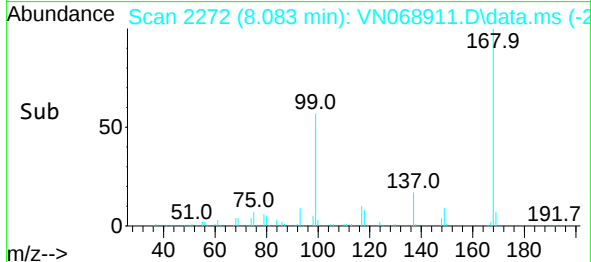
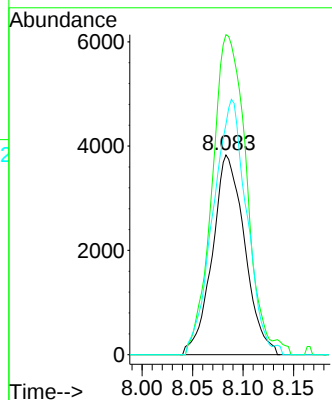
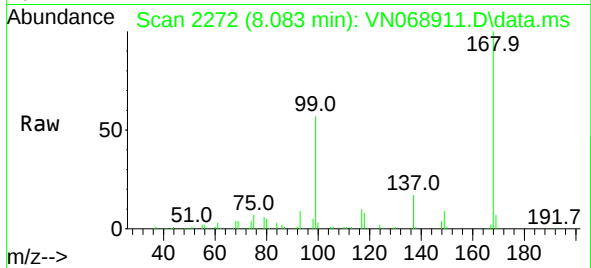




#31
Cyclohexane
Concen: 1.021 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

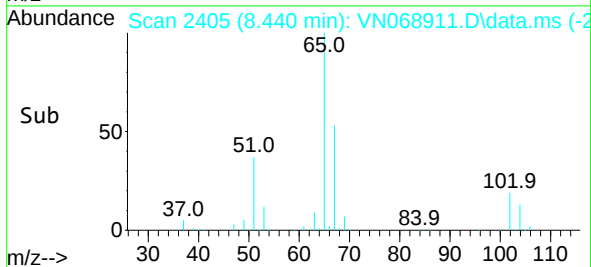
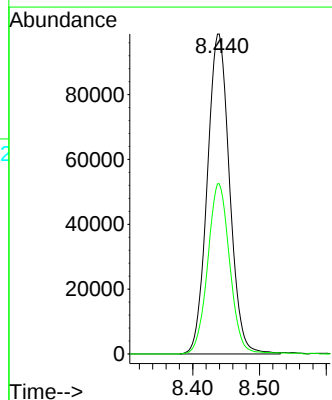
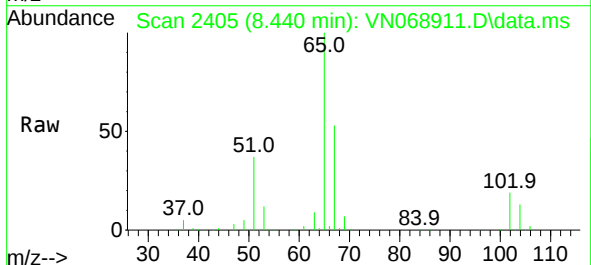
Instrument :
MSVOA_N
ClientSampled :
HAR-18

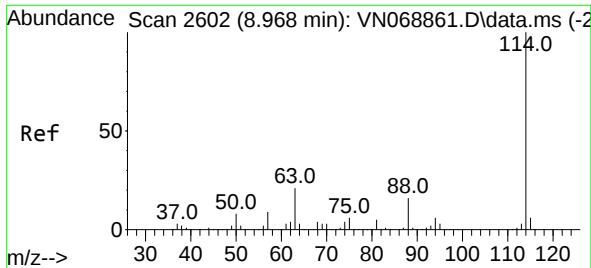
Tgt Ion: 56 Resp: 8515
Ion Ratio Lower Upper
56 100
69 160.2 26.9 40.3#
84 115.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 42.679 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 65 Resp: 228818
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8

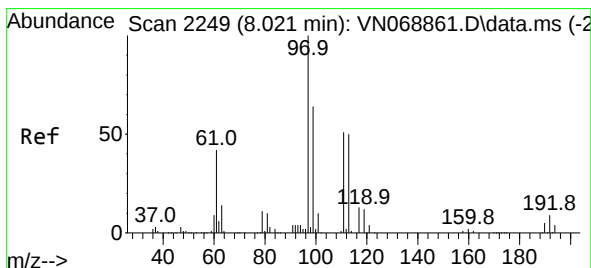
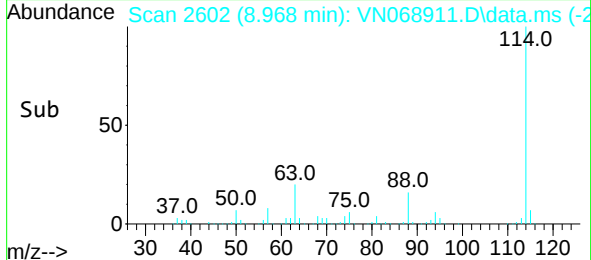
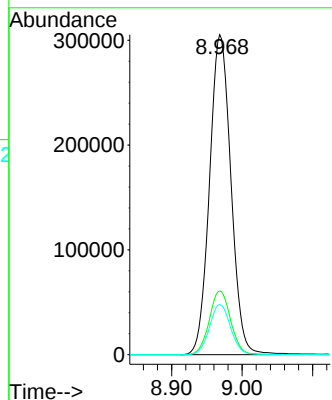
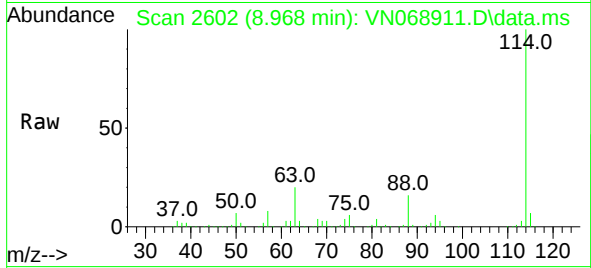




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

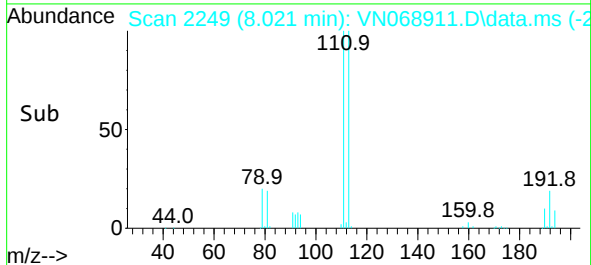
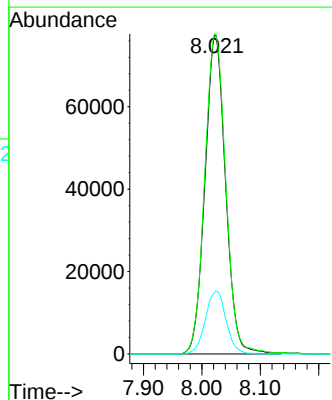
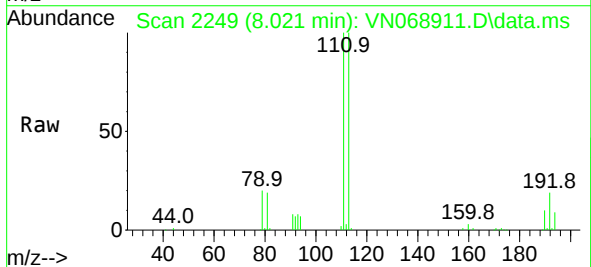
Instrument :
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ClientSampled :
HAR-18

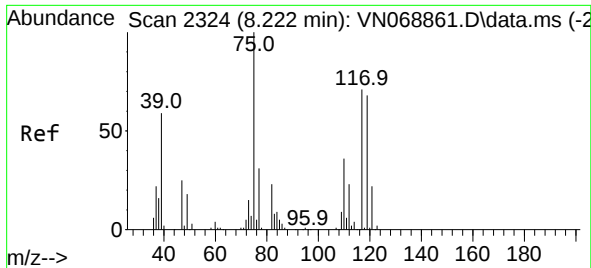
Tgt Ion:114 Resp: 643060
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.695 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion:113 Resp: 189668
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.8 15.0 22.4

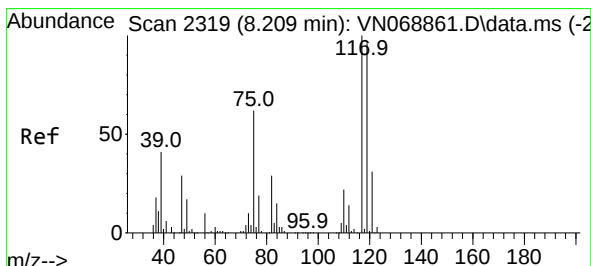
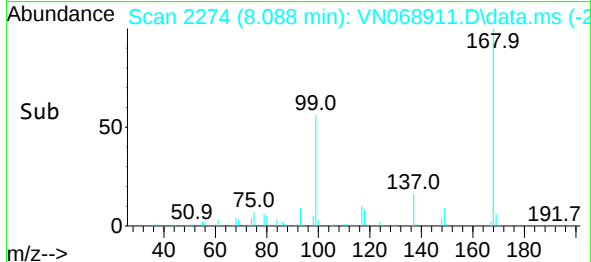
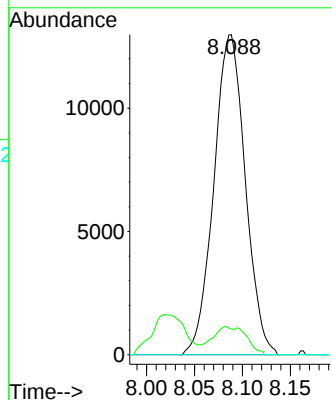
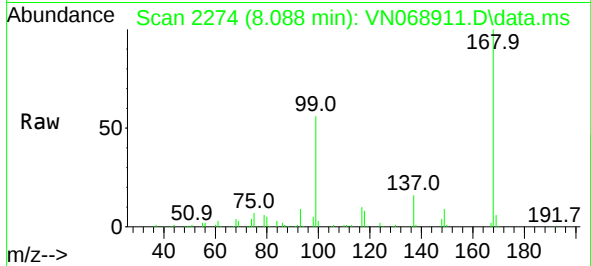




#36
 1,1-Dichloropropene
 Concen: 5.390 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN068911.D
 Acq: 13 Oct 2021 20:59

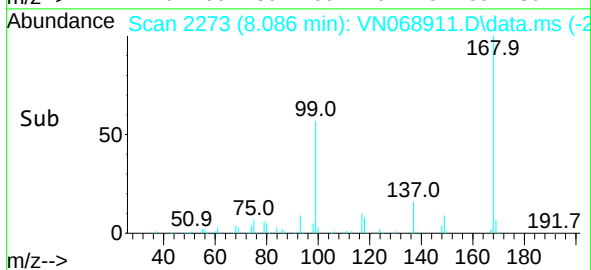
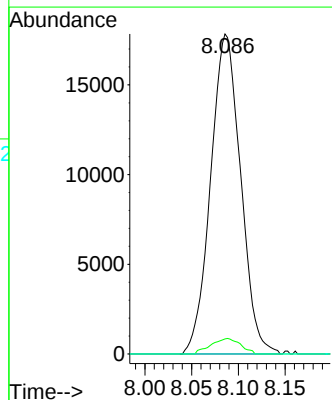
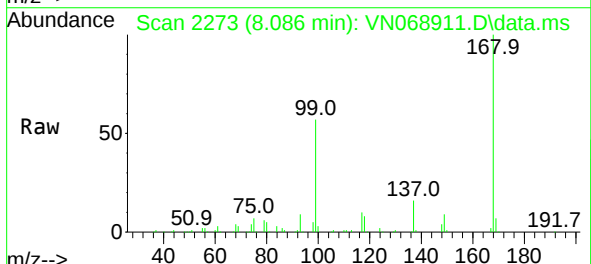
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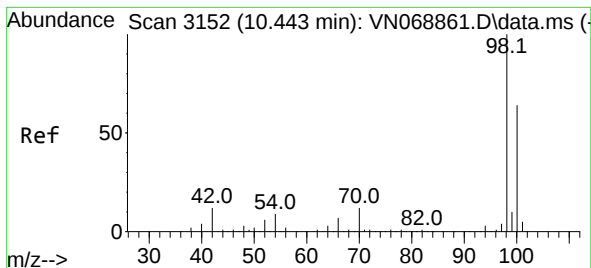
Tgt Ion: 75 Resp: 29607
 Ion Ratio Lower Upper
 75 100
 110 3.1 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.615 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.123 min
 Lab File: VN068911.D
 Acq: 13 Oct 2021 20:59

Tgt Ion: 117 Resp: 39906
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.9 115.3#
 121 0.0 24.6 37.0#

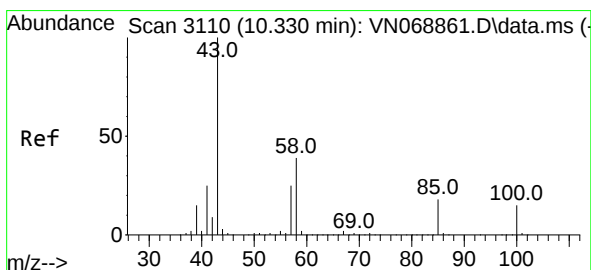
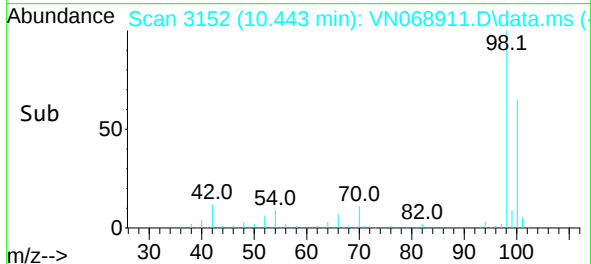
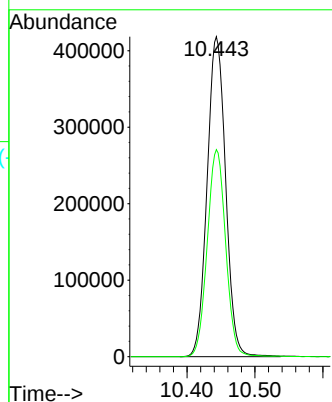
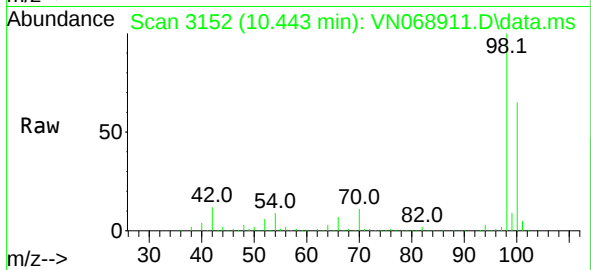




#50
Toluene-d8
Concen: 52.932 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

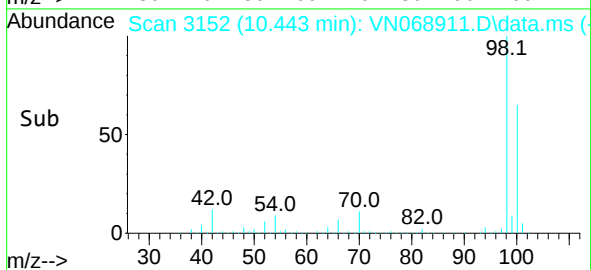
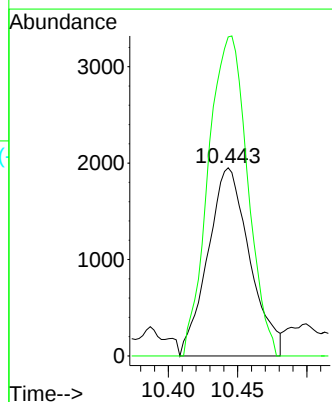
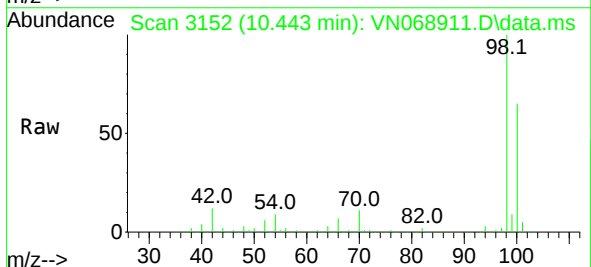
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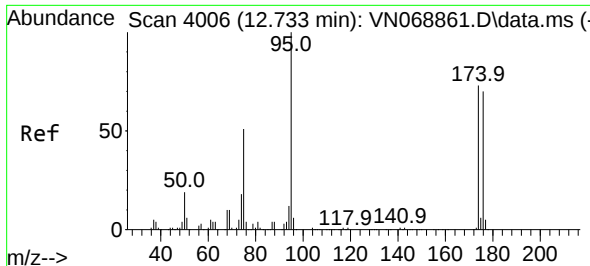
Tgt Ion: 98 Resp: 792387
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.706 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 43 Resp: 4097
Ion Ratio Lower Upper
43 100
58 159.8 31.0 46.4#

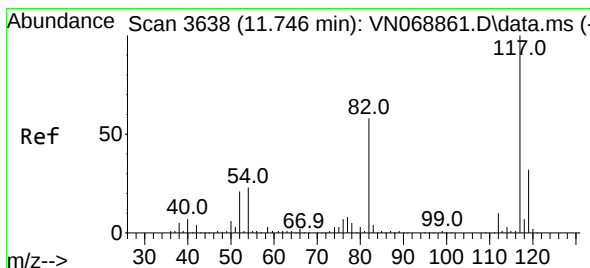
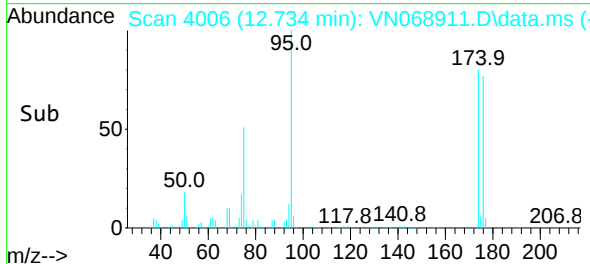
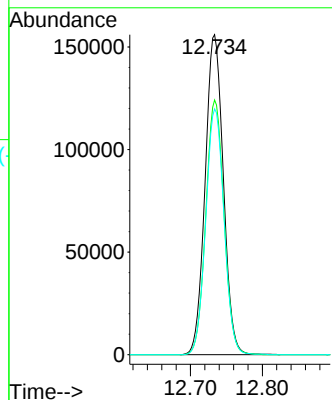
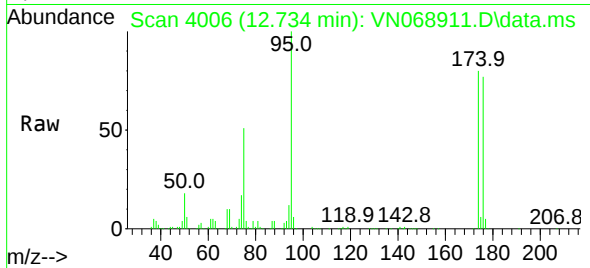




#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

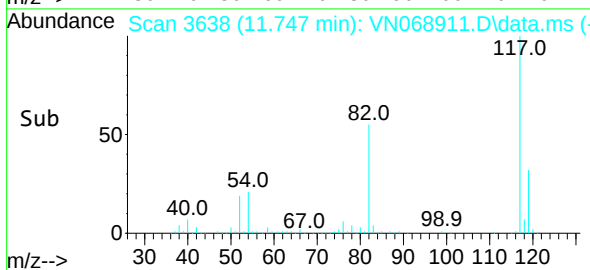
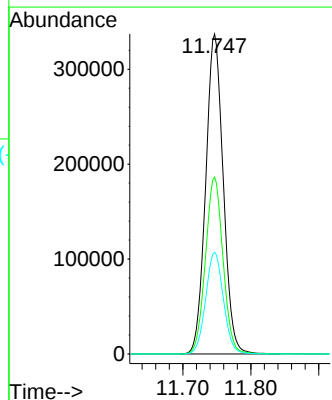
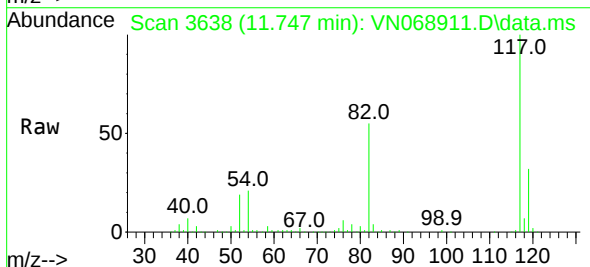
Instrument :
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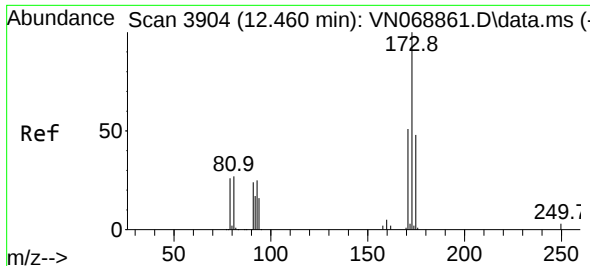
Tgt Ion: 95 Resp: 275018
Ion Ratio Lower Upper
95 100
174 79.4 0.0 144.8
176 77.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 117 Resp: 603983
Ion Ratio Lower Upper
117 100
82 55.3 46.4 69.6
119 31.8 26.0 39.0

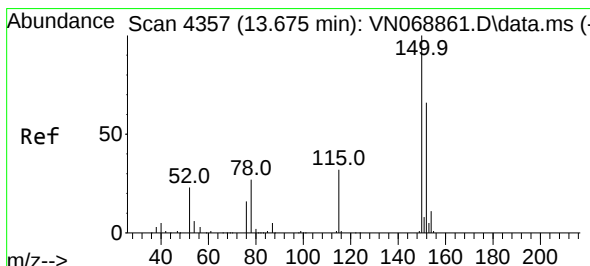
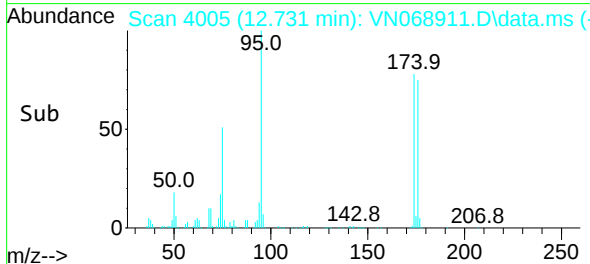
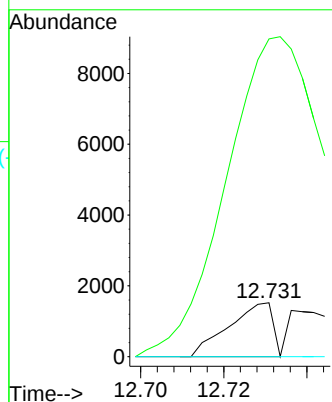
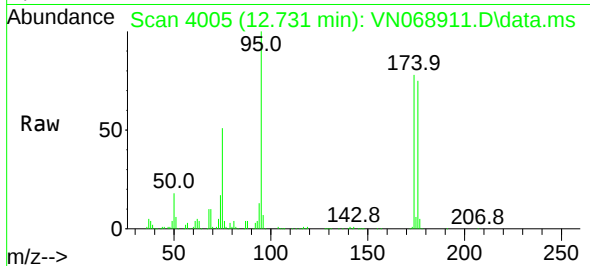




#71
Bromoform
Concen: 0.312 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

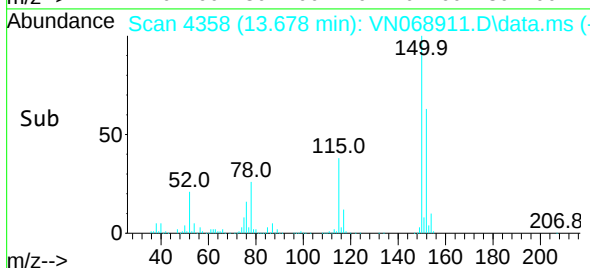
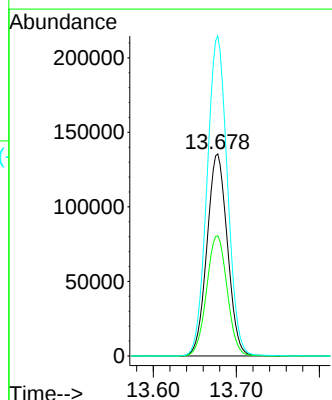
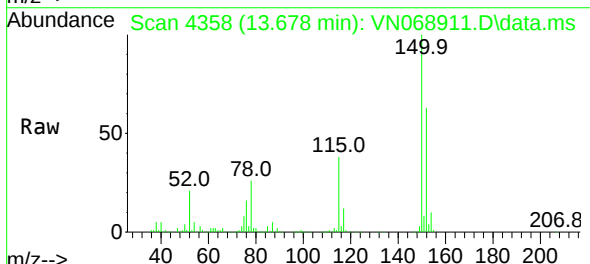
Instrument :
MSVOA_N
ClientSampleId :
HAR-18

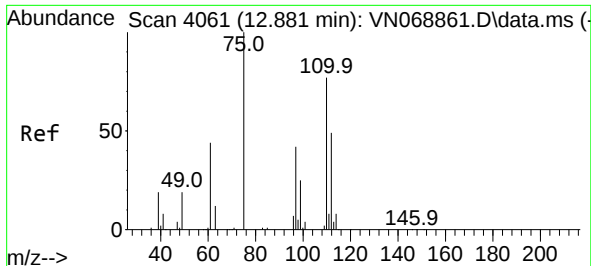
Tgt Ion:173 Resp: 1118
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion:152 Resp: 231719
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.3
150 157.9 0.0 351.0

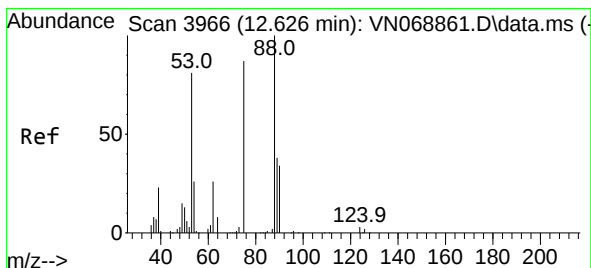
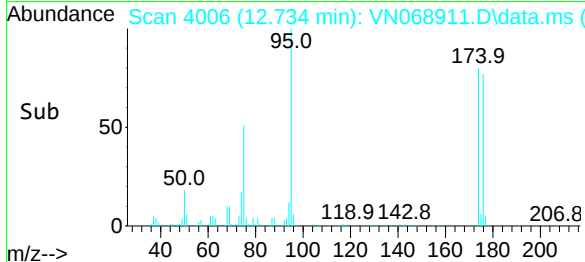
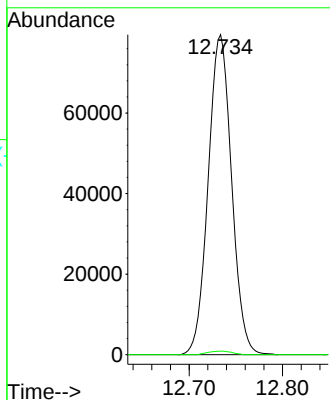
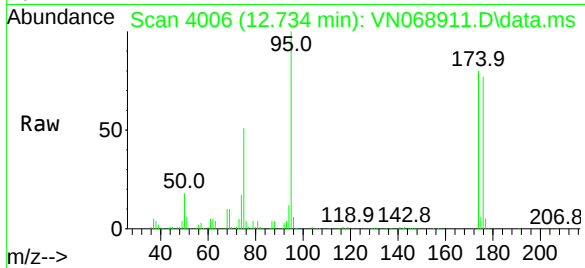




#76
1,2,3-Trichloropropane
Concen: 28.058 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

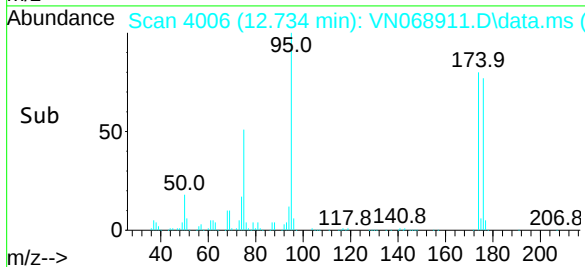
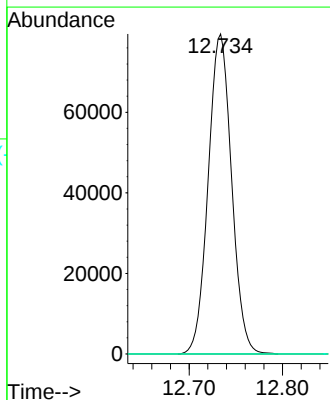
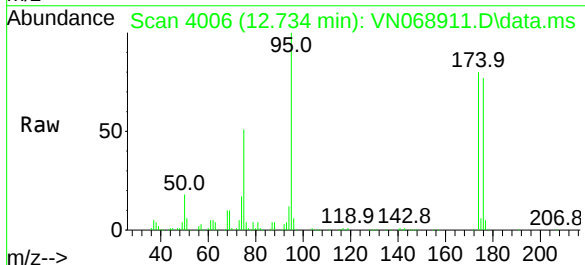
Instrument :
MSVOA_N
ClientSampled :
HAR-18

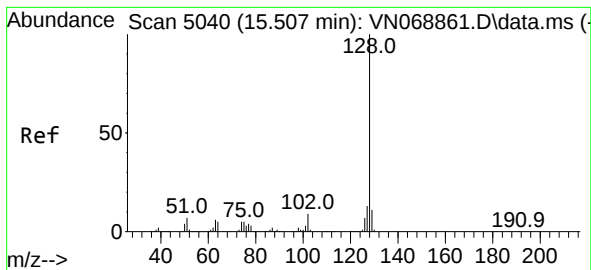
Tgt Ion: 75 Resp: 138333
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.126 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Tgt Ion: 75 Resp: 138333
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 4.212 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068911.D
Acq: 13 Oct 2021 20:59

Instrument :
MSVOA_N
ClientSampleId :
HAR-18

Tgt Ion:128 Resp: 4658
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 7.1 8.9 13.3#

