

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068910.D
 Acq On : 13 Oct 2021 20:34
 Operator : JC/MD
 Sample : M4192-15 10X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-16

Quant Time: Oct 14 06:44:37 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)

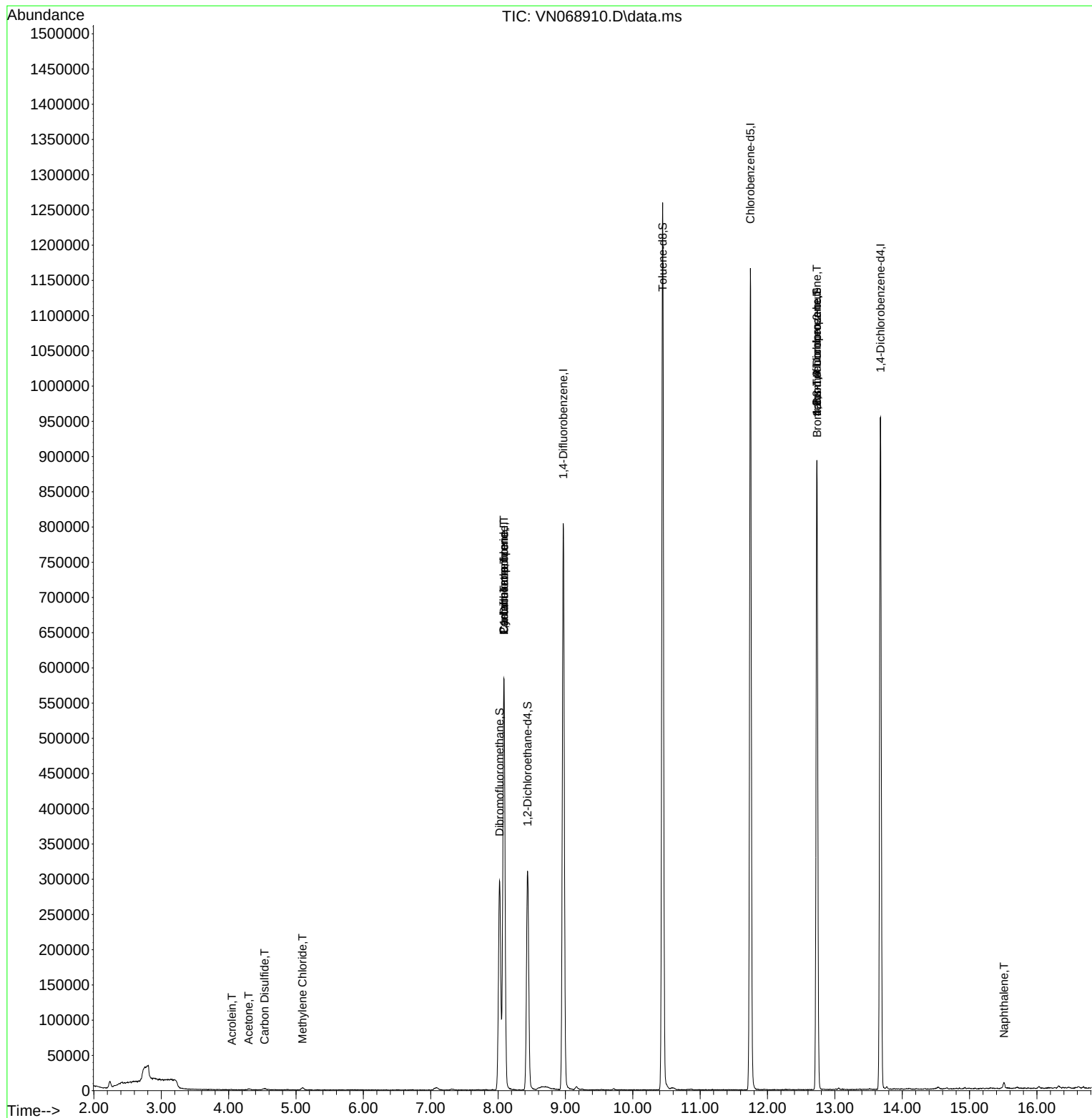
Internal Standards						
1) Pentafluorobenzene	8.088	168	462726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	737439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	686905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	265698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	263411	43.176	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	86.360%	
35) Dibromofluoromethane	8.021	113	219171	51.083	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.160%	
50) Toluene-d8	10.443	98	898869	52.360	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	104.720%	
62) 4-Bromofluorobenzene	12.734	95	318434	49.165	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	98.320%	
Target Compounds						
					Qvalue	
13) Acrolein	4.047	56	174	0.353	ug/l #	1
16) Acetone	4.296	43	3186	1.399	ug/l	89
17) Carbon Disulfide	4.535	76	3992	0.329	ug/l #	75
20) Methylene Chloride	5.095	84	2511	0.479	ug/l #	83
31) Cyclohexane	8.086	56	9542	1.006	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	35072	5.568	ug/l #	44
38) Carbon Tetrachloride	8.086	117	46053	6.657	ug/l #	15
71) Bromoform	12.736	173	2872	0.705	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	161445	28.558	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	161445	68.323	ug/l #	12
95) Naphthalene	15.509	128	7129	4.346	ug/l #	90

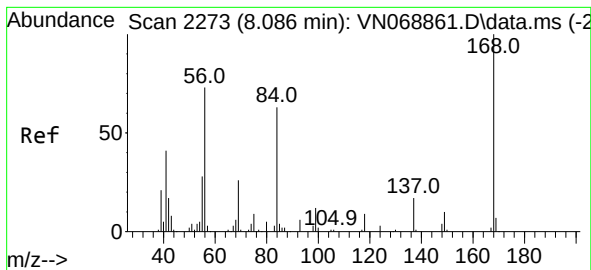
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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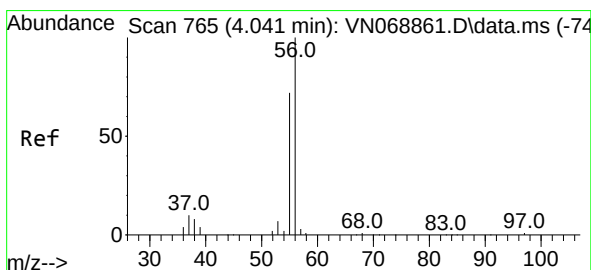
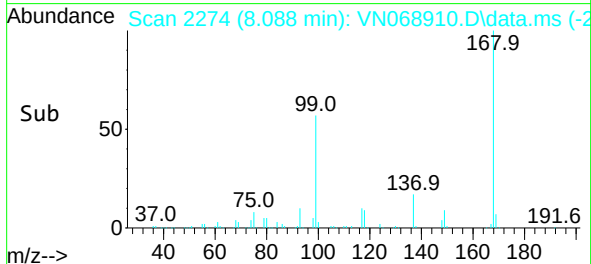
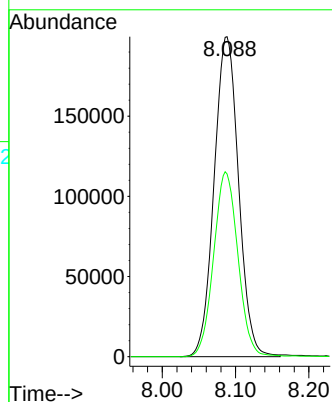
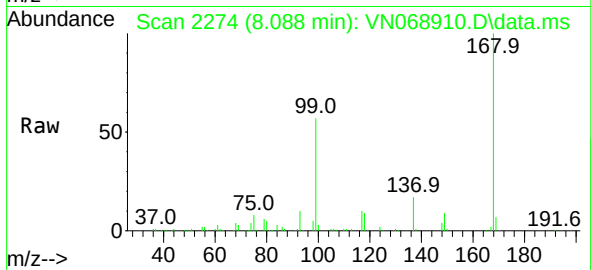




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

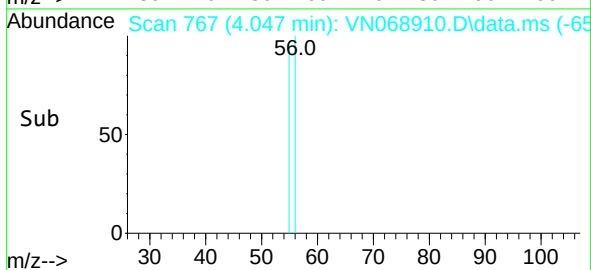
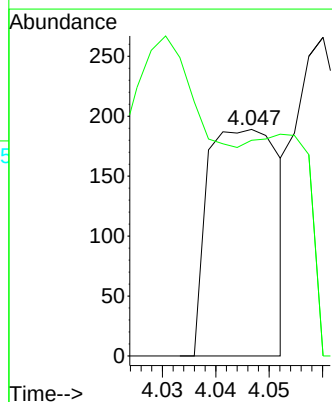
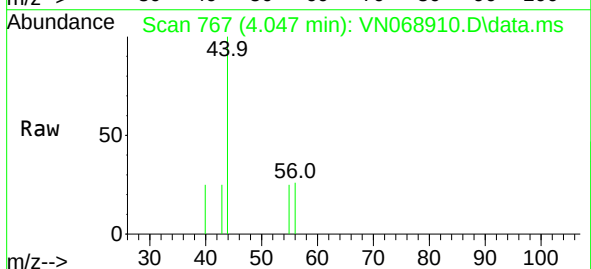
Instrument :
MSVOA_N
ClientSampled :
HAR-16

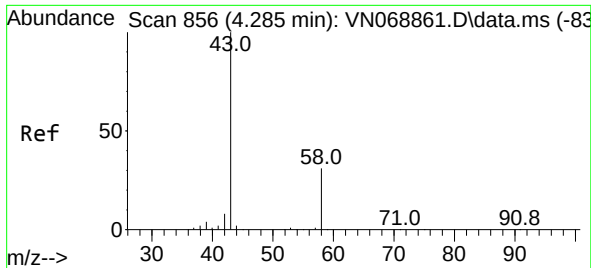
Tgt Ion:168 Resp: 462726
Ion Ratio Lower Upper
168 100
99 57.1 48.9 73.3



#13
Acrolein
Concen: 0.353 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 177.6 58.1 87.1#

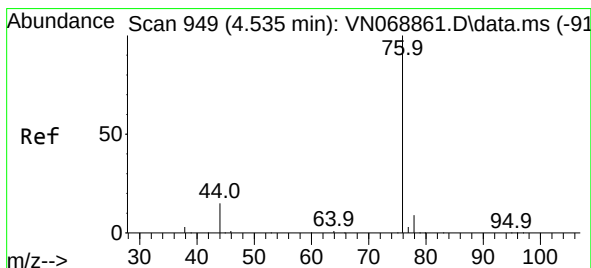
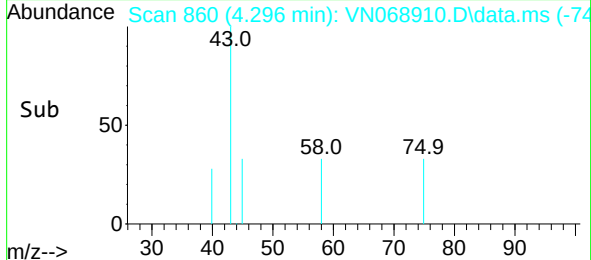
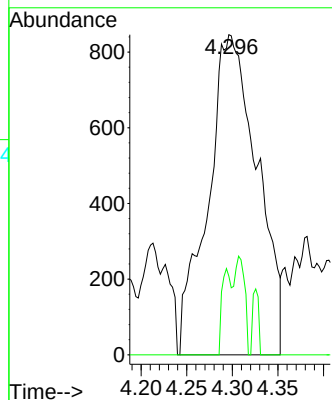
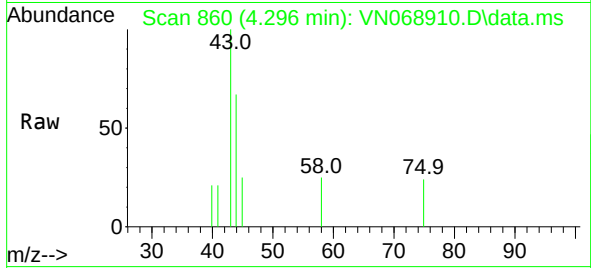




#16
Acetone
Concen: 1.399 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

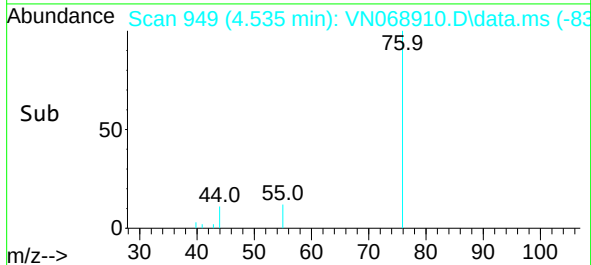
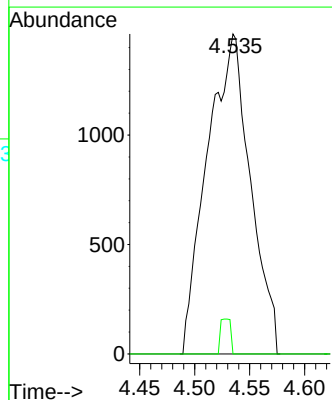
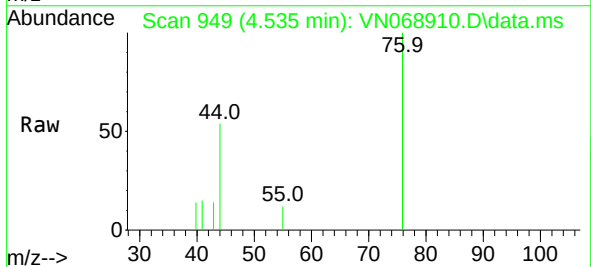
Instrument :
MSVOA_N
ClientSampleId :
HAR-16

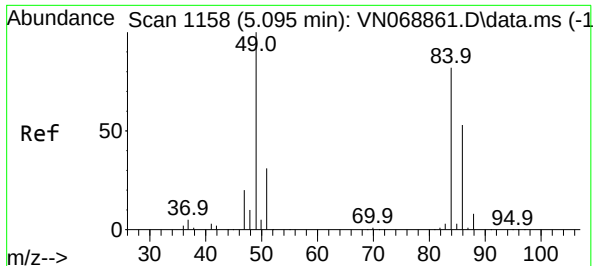
Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
58 24.6 24.5 36.7



#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 76 Resp: 3992
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

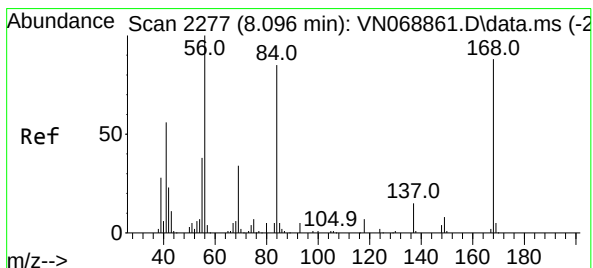
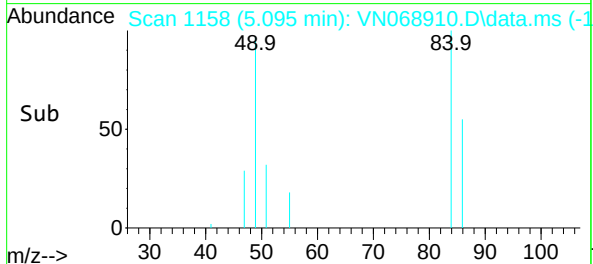
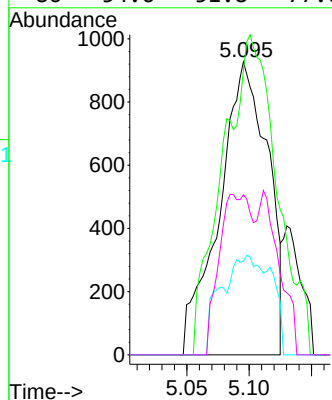
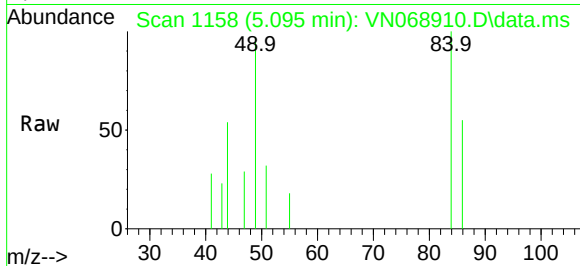




#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

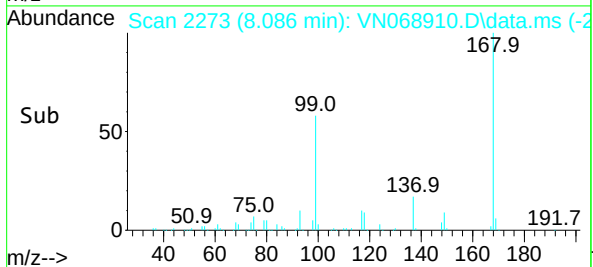
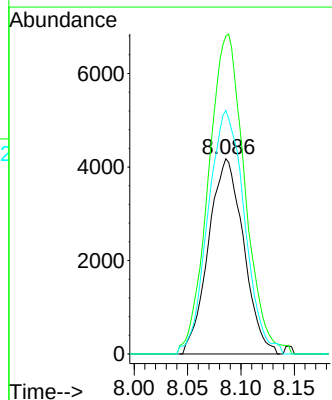
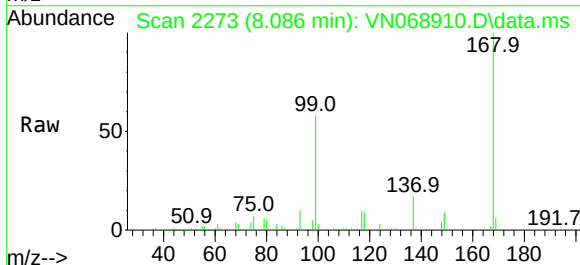
Instrument :
MSVOA_N
ClientSampleId :
HAR-16

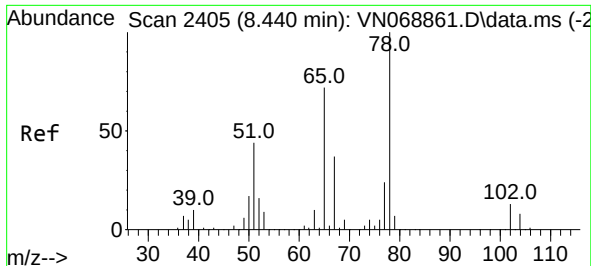
Tgt Ion:	84	Resp:	2511
Ion	Ratio	Lower	Upper
84	100		
49	97.1	97.6	146.4#
51	32.0	30.3	45.5
86	54.6	51.8	77.6



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion:	56	Resp:	9542
Ion	Ratio	Lower	Upper
56	100		
69	158.5	26.9	40.3#
84	121.0	67.6	101.4#



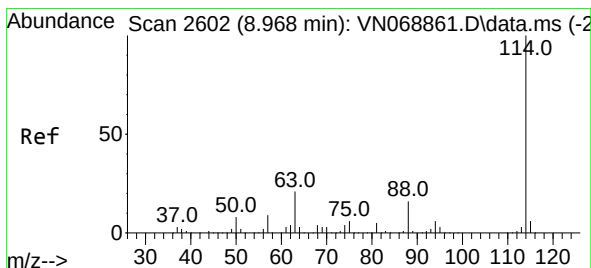
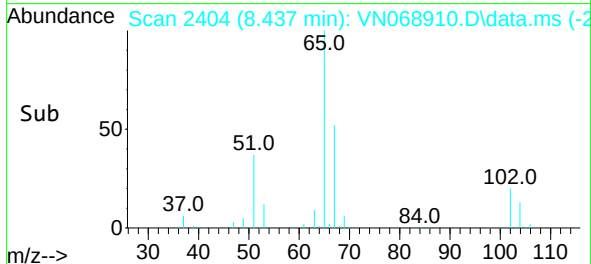
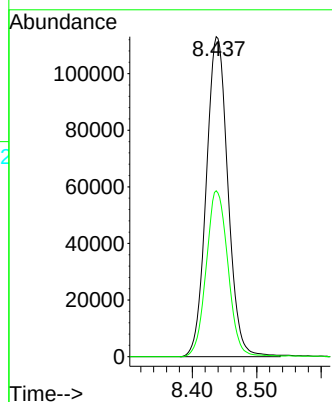
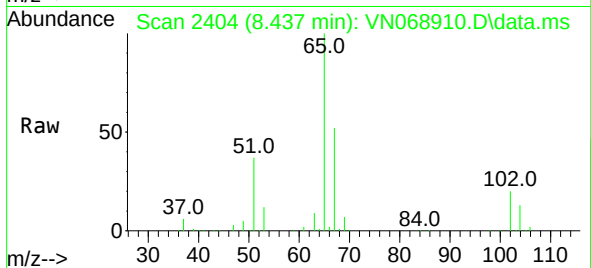


#33

1,2-Dichloroethane-d4
Concen: 43.176 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Instrument :
MSVOA_N
ClientSampleId :
HAR-16

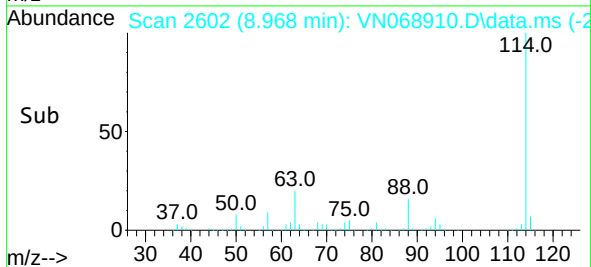
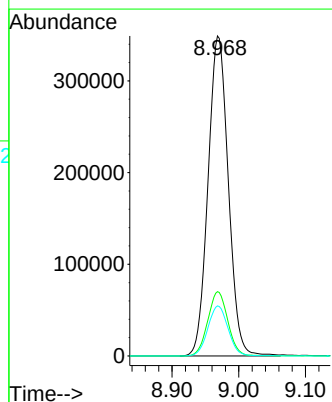
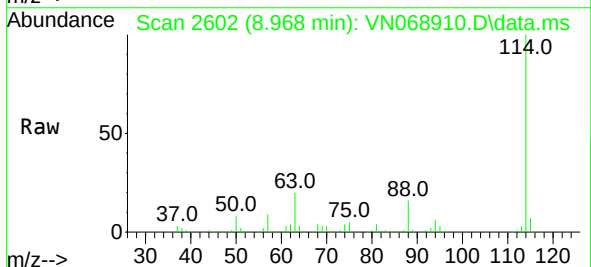
Tgt Ion: 65 Resp: 263411
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

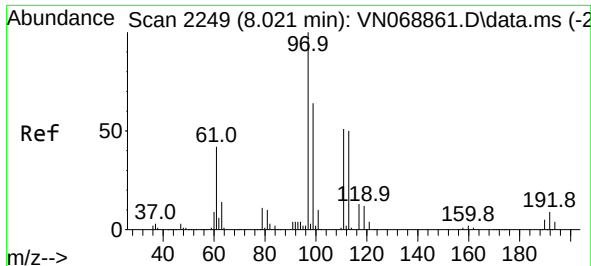


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 114 Resp: 737439
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.6 0.0 32.0

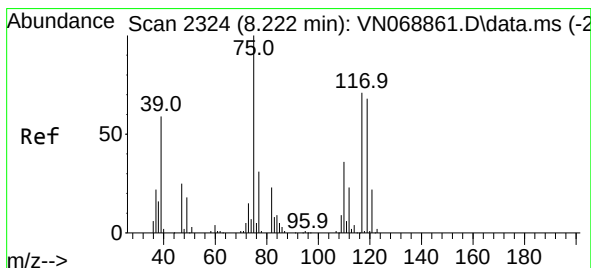
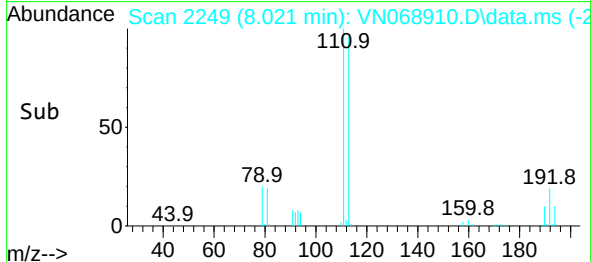
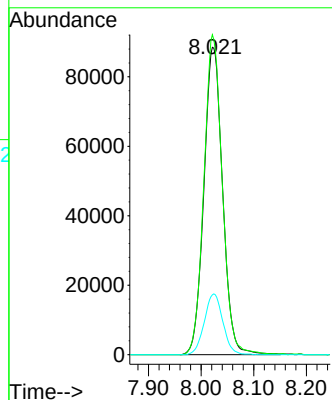
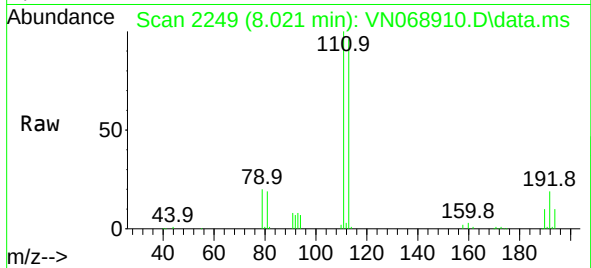




#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

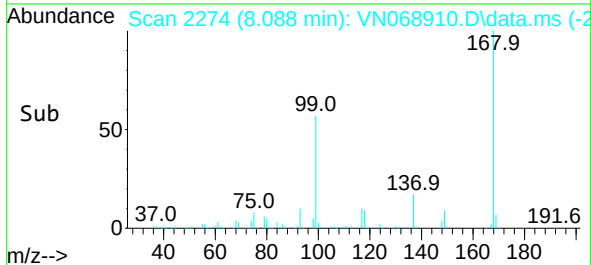
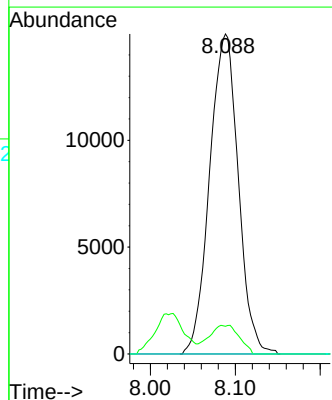
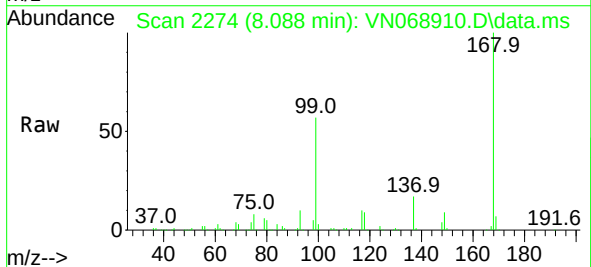
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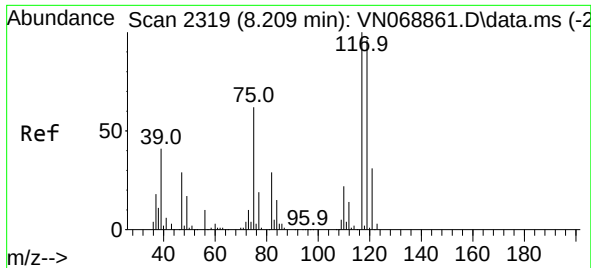
Tgt Ion:113 Resp: 219171
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 19.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.568 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 75 Resp: 35072
Ion Ratio Lower Upper
75 100
110 2.8 17.9 53.8#
77 0.0 24.7 37.1#

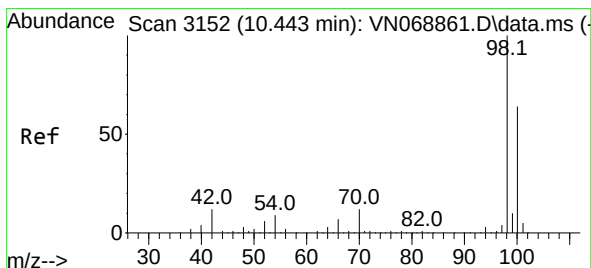
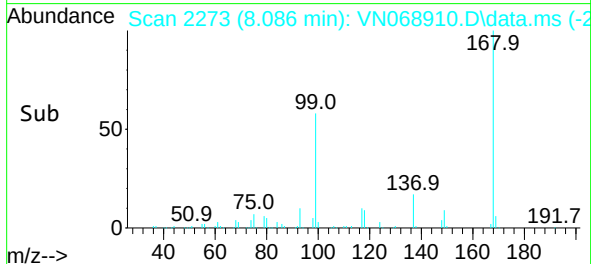
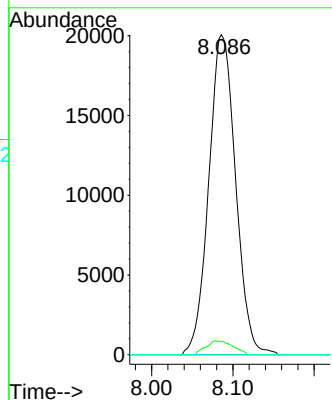
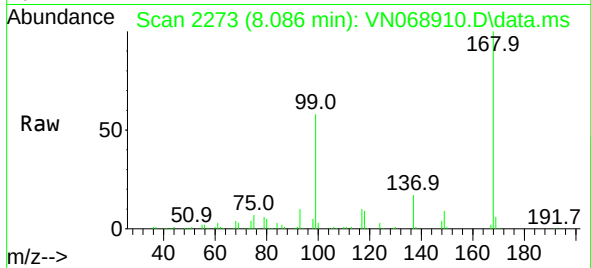




#38
Carbon Tetrachloride
Concen: 6.657 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

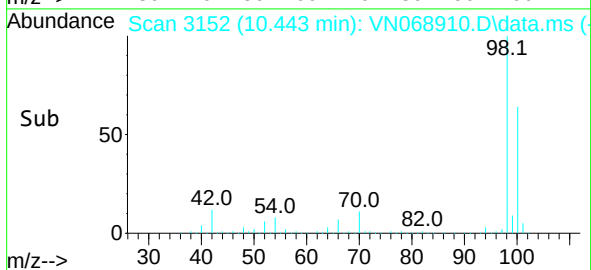
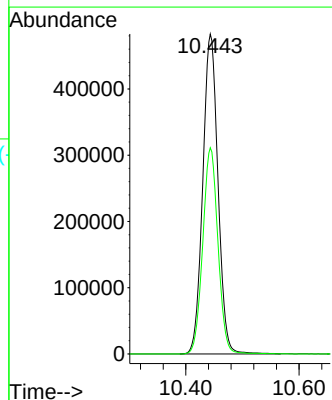
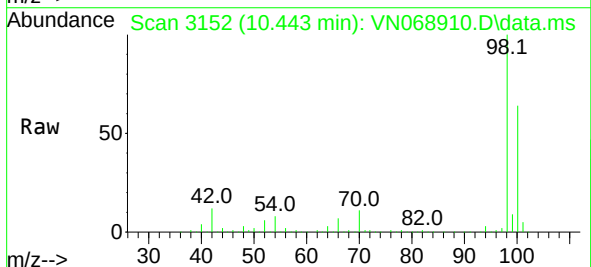
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MSVOA_N
ClientSampled :
HAR-16

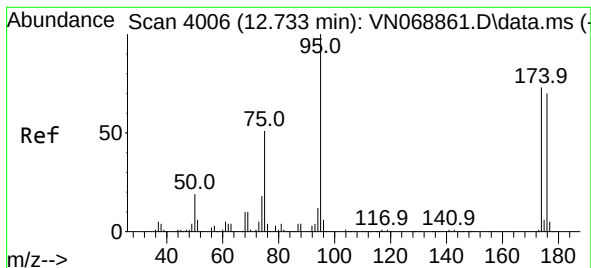
Tgt Ion:117 Resp: 46053
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.360 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 98 Resp: 898869
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

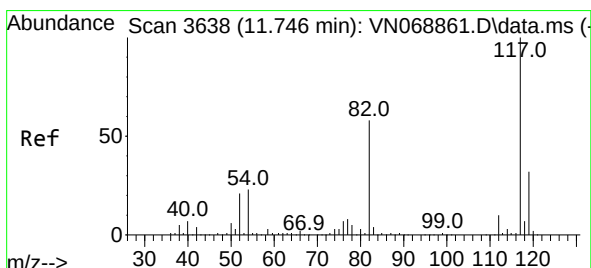
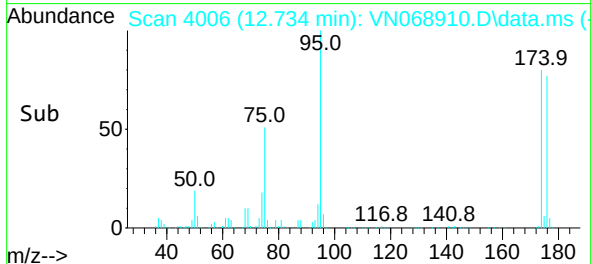
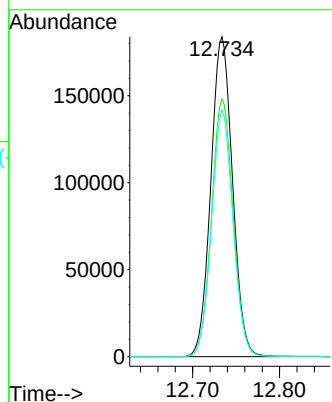
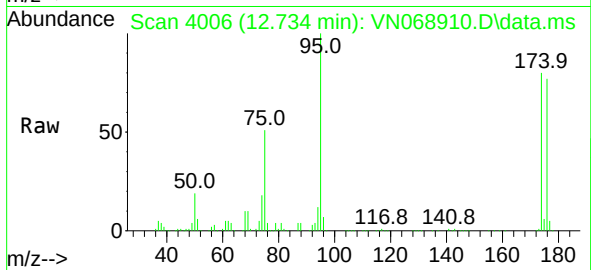




#62
4-Bromofluorobenzene
Concen: 49.165 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

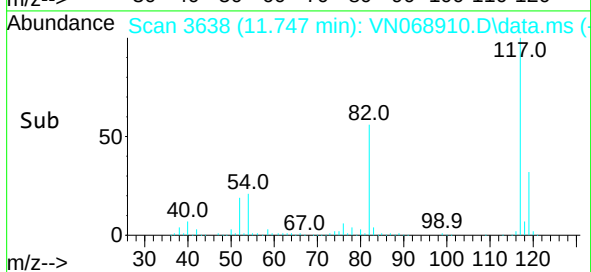
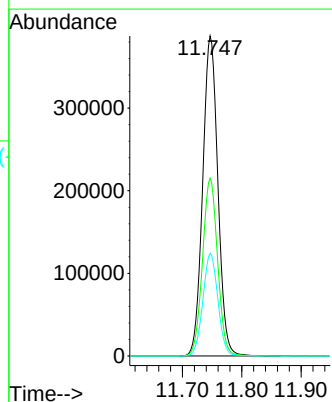
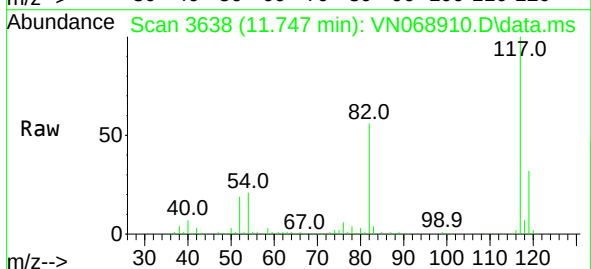
Instrument :
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HAR-16

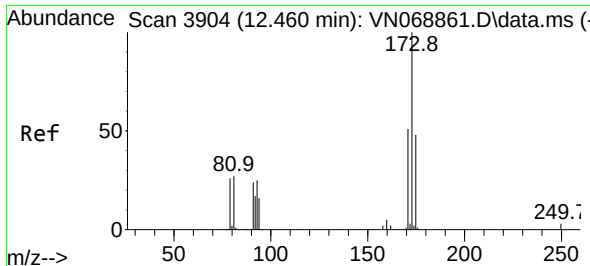
Tgt Ion: 95 Resp: 318434
Ion Ratio Lower Upper
95 100
174 80.5 0.0 144.8
176 76.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion: 117 Resp: 686905
Ion Ratio Lower Upper
117 100
82 55.6 46.4 69.6
119 32.1 26.0 39.0

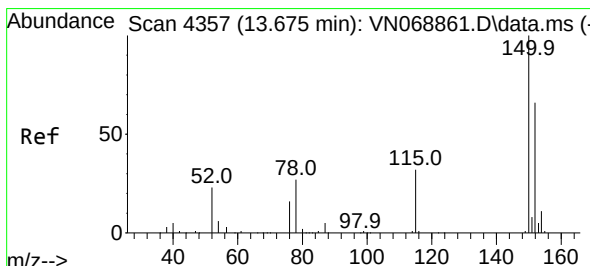
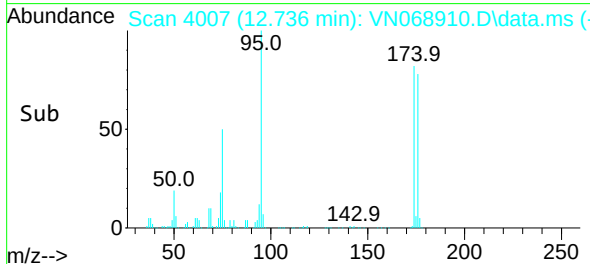
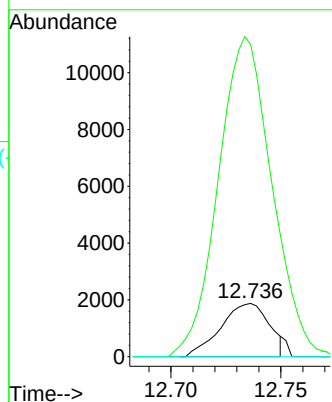
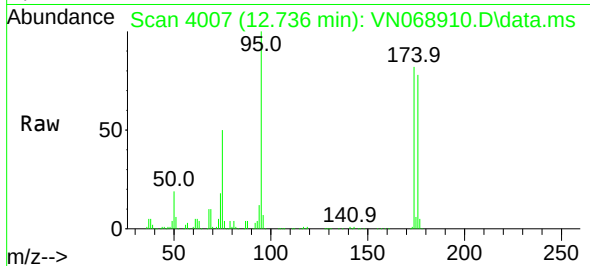




#71
Bromoform
Concen: 0.705 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

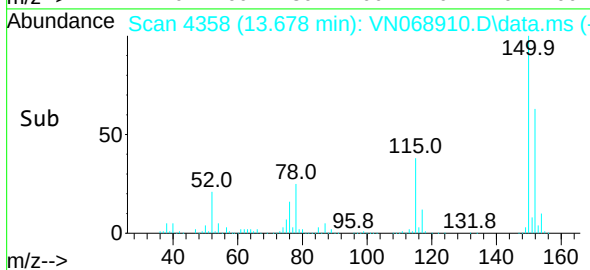
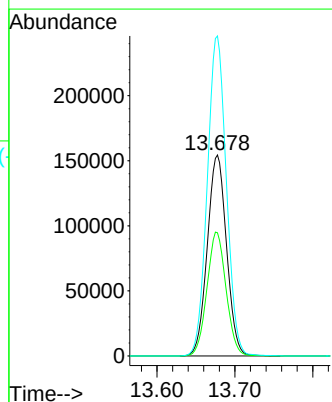
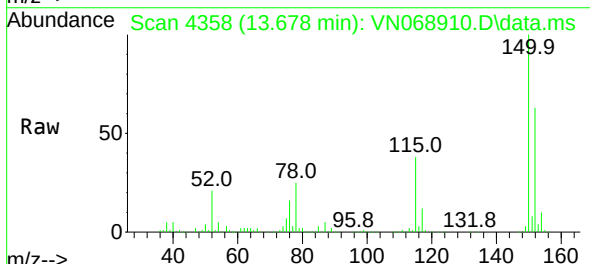
Instrument :
MSVOA_N
ClientSampled :
HAR-16

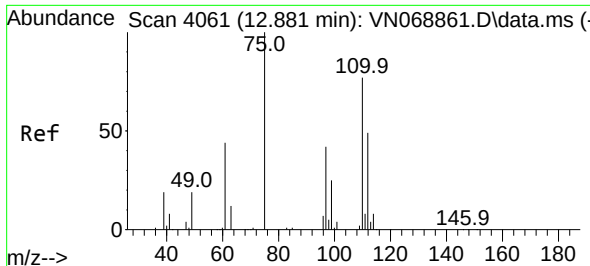
Tgt Ion:173 Resp: 2872
Ion Ratio Lower Upper
173 100
175 614.8 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Tgt Ion:152 Resp: 265698
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.3
150 157.7 0.0 351.0

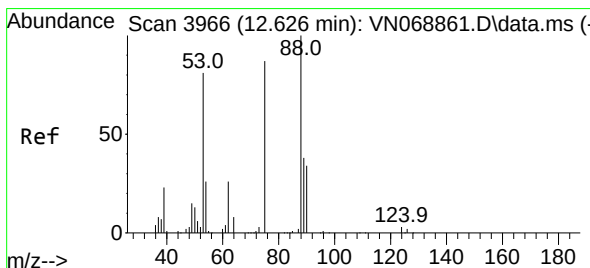
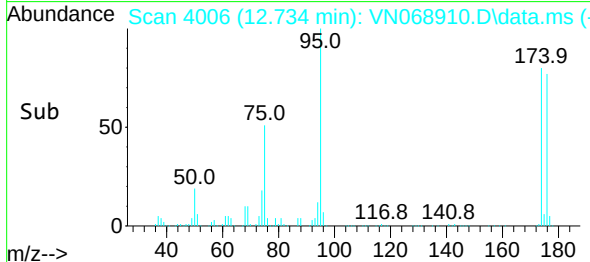
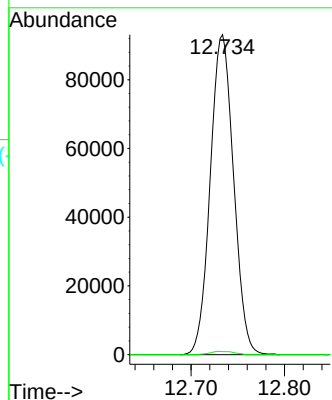
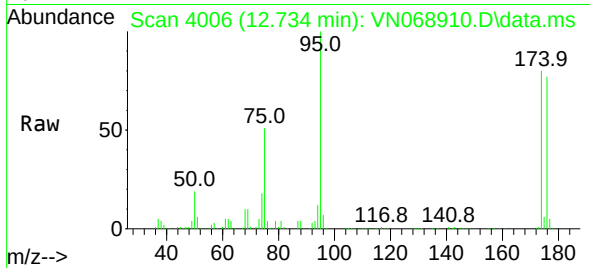




#76
1,2,3-Trichloropropane
Concen: 28.558 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

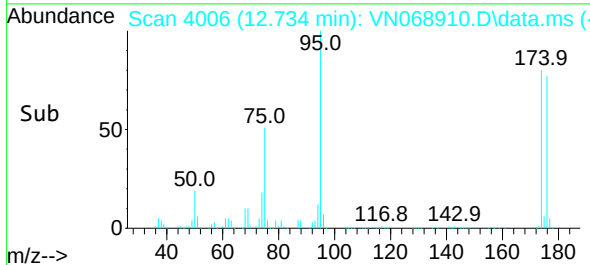
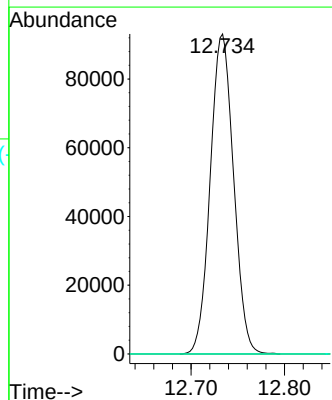
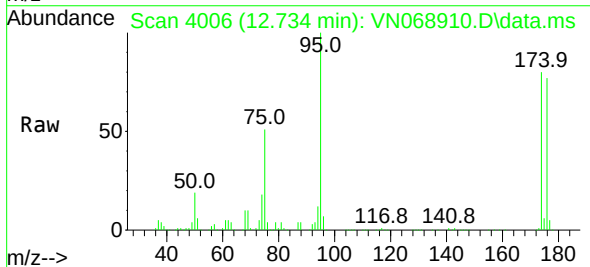
Instrument :
MSVOA_N
ClientSampled :
HAR-16

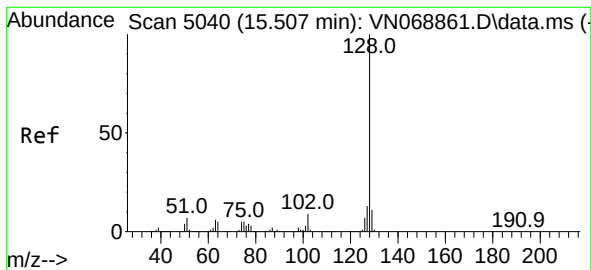
Tgt Ion: 75 Resp: 161445
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.323 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

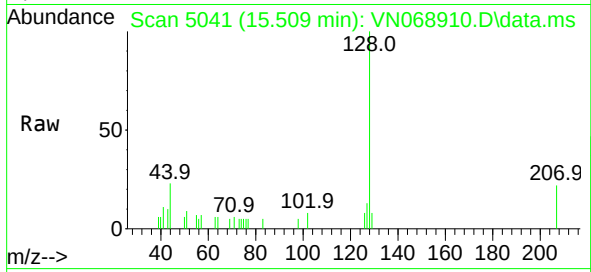
Tgt Ion: 75 Resp: 161445
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 4.346 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068910.D
Acq: 13 Oct 2021 20:34

Instrument :
MSVOA_N
ClientSampleId :
HAR-16



Tgt Ion:128 Resp: 7129
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 4.6 8.9 13.3#

