

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068907.D
 Acq On : 13 Oct 2021 19:19
 Operator : JC/MD
 Sample : M4192-09 10X
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-10

Quant Time: Oct 14 06:44:12 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)

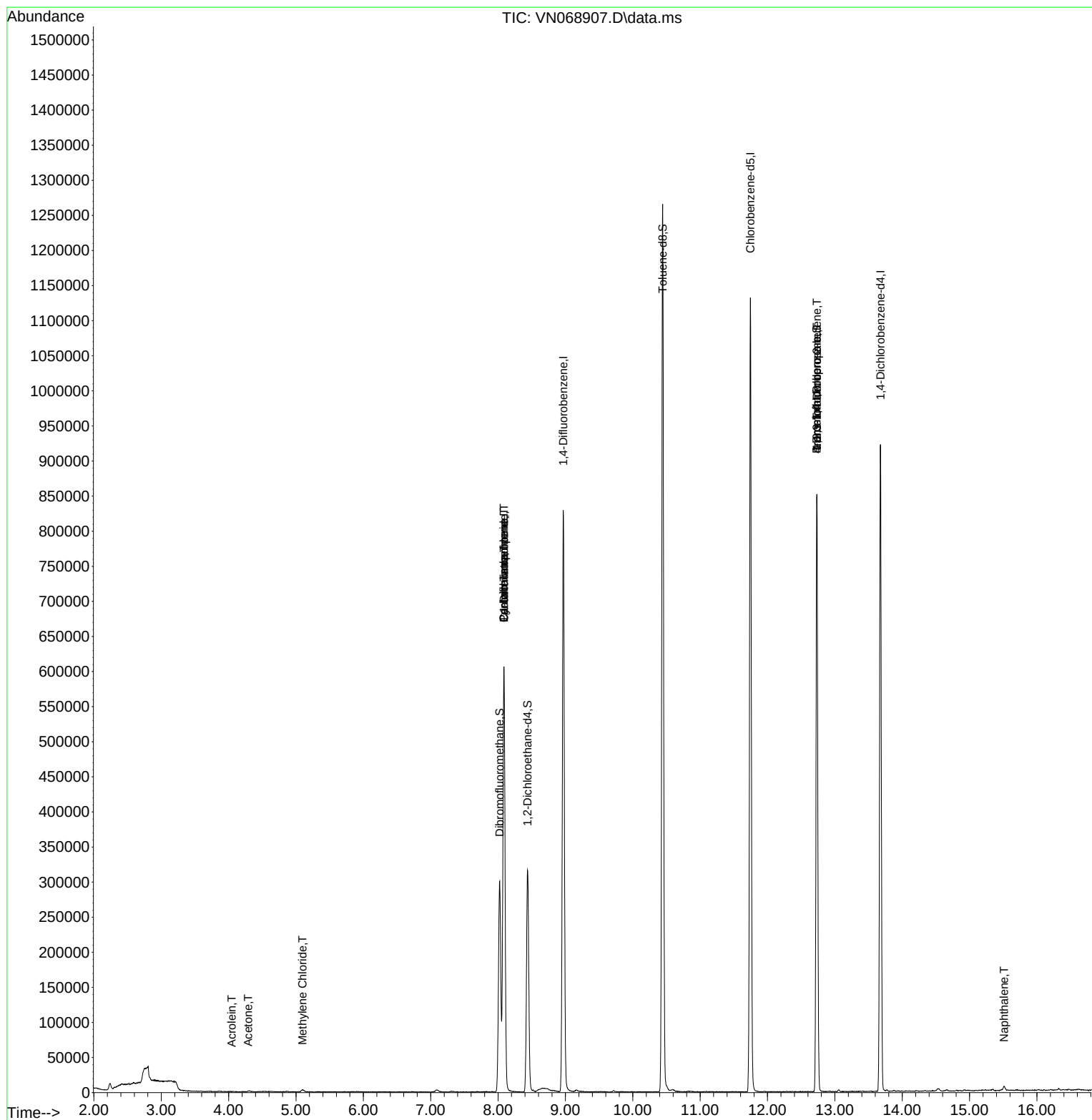
Internal Standards						
1) Pentafluorobenzene	8.088	168	476333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	747410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	678734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	257230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	266876	42.494	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.980%		
35) Dibromofluoromethane	8.024	113	222873	51.253	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.500%		
50) Toluene-d8	10.443	98	910365	52.323	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.640%		
62) 4-Bromofluorobenzene	12.731	95	305054	46.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.940%		
Target Compounds			Qvalue			
13) Acrolein	4.044	56	146	0.288	ug/l	84
16) Acetone	4.291	43	1461	0.623	ug/l #	44
20) Methylene Chloride	5.095	84	2649	0.491	ug/l	97
31) Cyclohexane	8.086	56	10161	1.041	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	36092	5.653	ug/l #	50
38) Carbon Tetrachloride	8.086	117	47647	6.796	ug/l #	16
71) Bromoform	12.731	173	2344	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	155224	28.361	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	155224	67.852	ug/l #	12
95) Naphthalene	15.509	128	4022	4.123	ug/l #	85

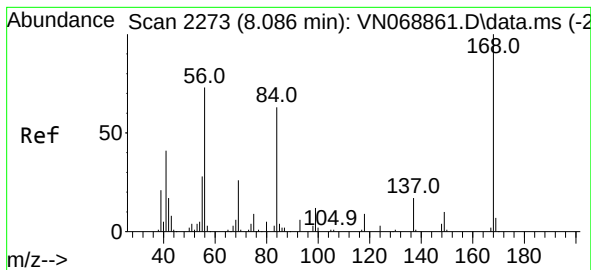
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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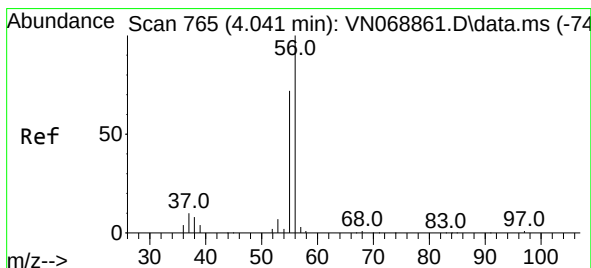
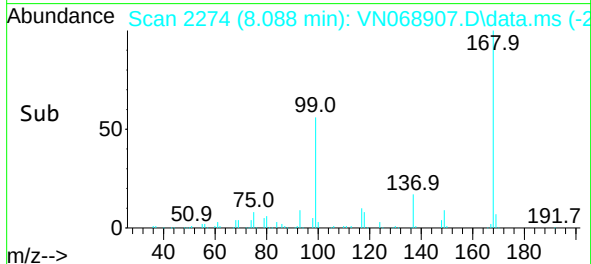
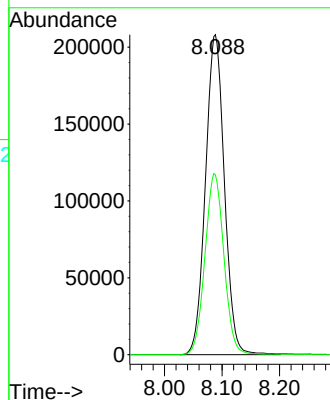
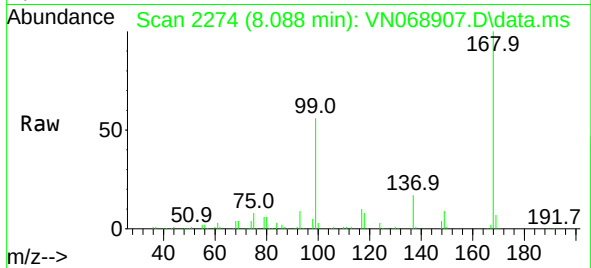




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

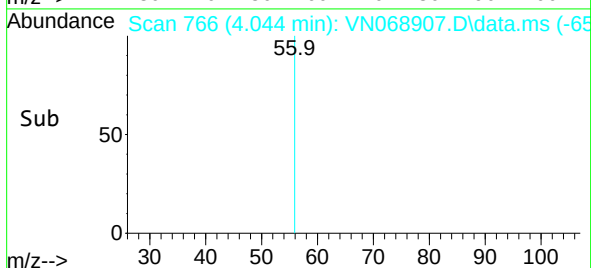
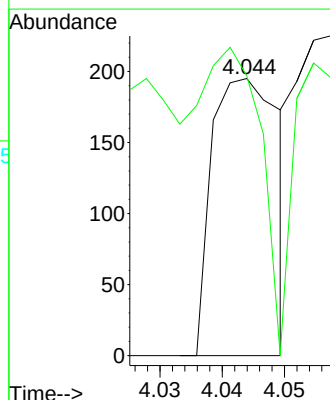
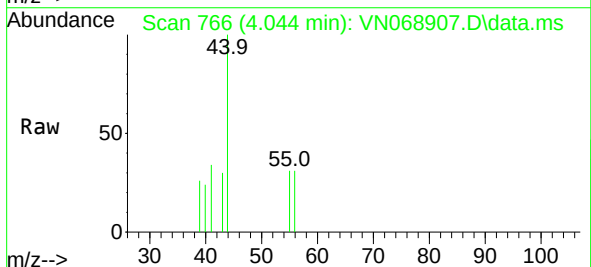
Instrument :
MSVOA_N
ClientSampled :
HAR-10

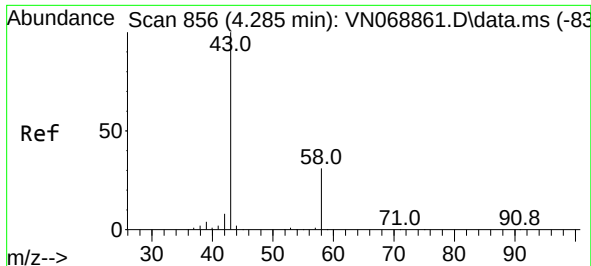
Tgt Ion:168 Resp: 476333
Ion Ratio Lower Upper
168 100
99 56.2 48.9 73.3



#13
Acrolein
Concen: 0.288 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 85.6 58.1 87.1

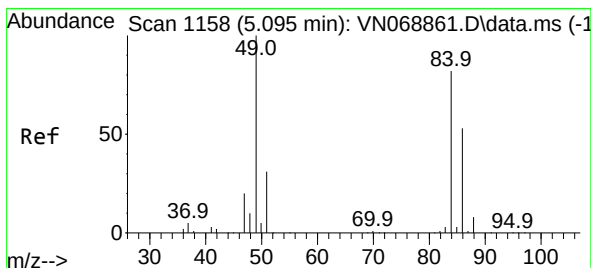
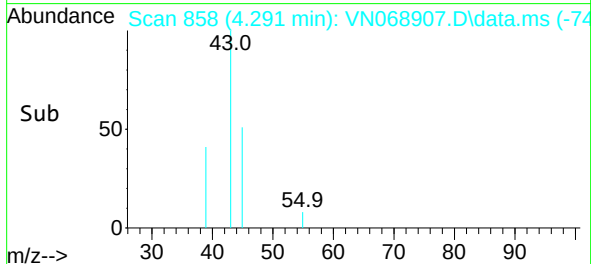
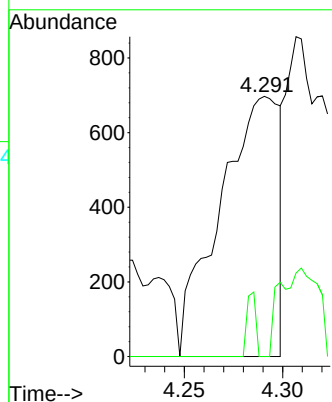
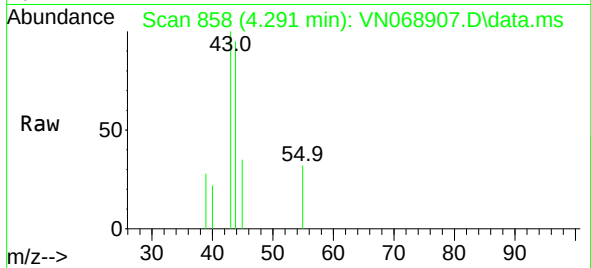




#16
Acetone
Concen: 0.623 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

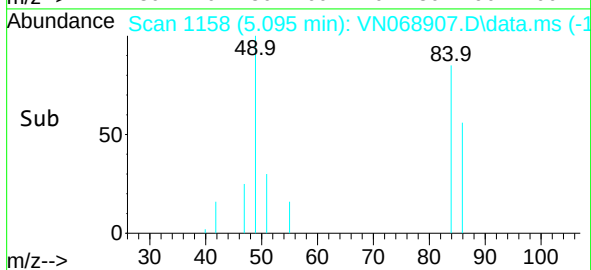
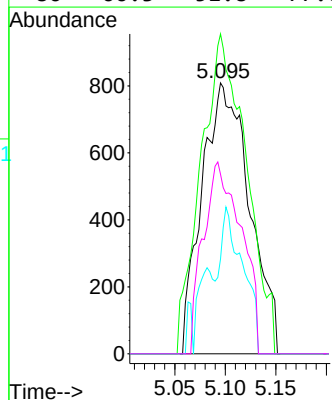
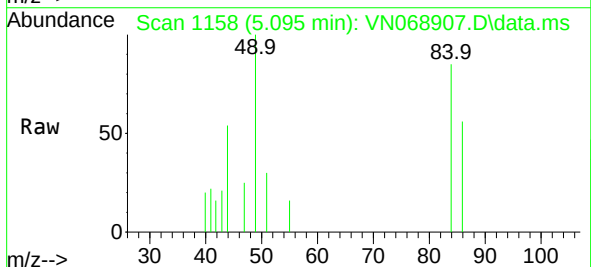
Instrument :
MSVOA_N
ClientSampled :
HAR-10

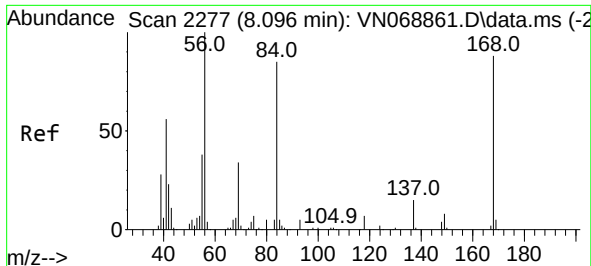
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.491 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion: 84 Resp: 2649
Ion Ratio Lower Upper
84 100
49 118.0 97.6 146.4
51 35.0 30.3 45.5
86 66.3 51.8 77.6

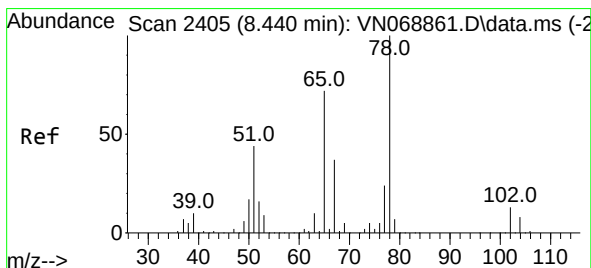
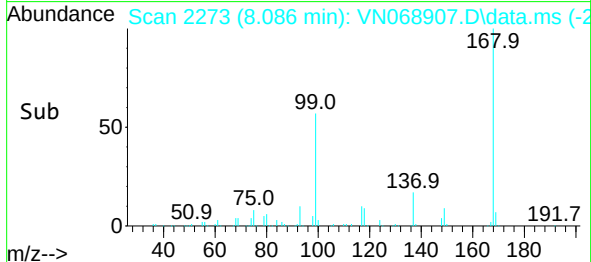
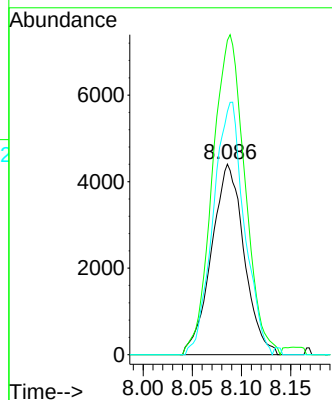
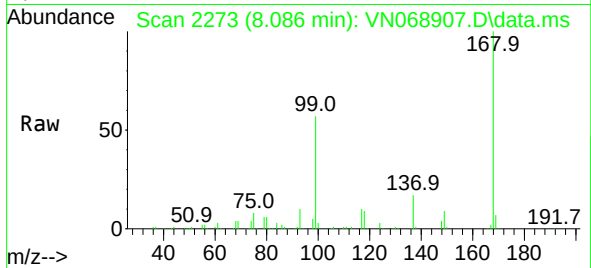




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

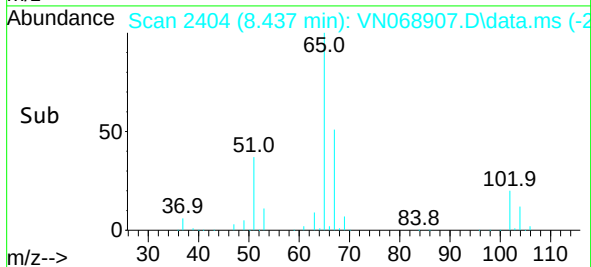
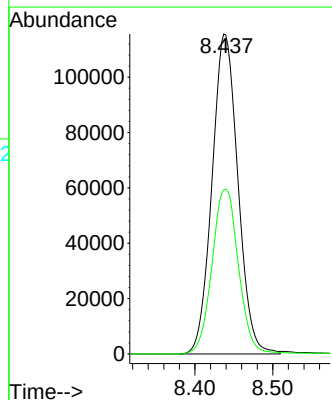
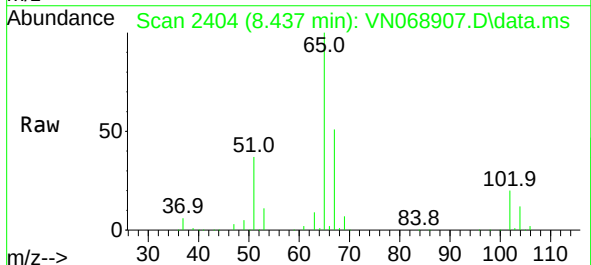
Instrument :
MSVOA_N
ClientSampled :
HAR-10

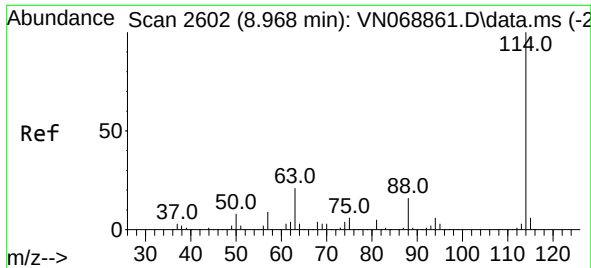
Tgt Ion: 56 Resp: 10161
Ion Ratio Lower Upper
56 100
69 165.0 26.9 40.3#
84 127.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 42.494 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion: 65 Resp: 266876
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

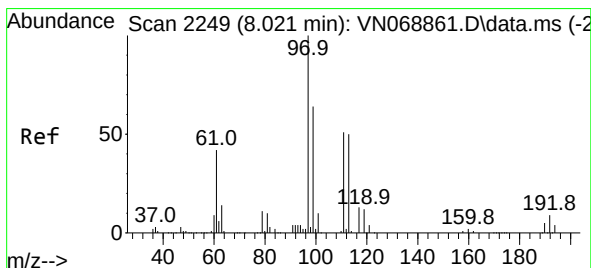
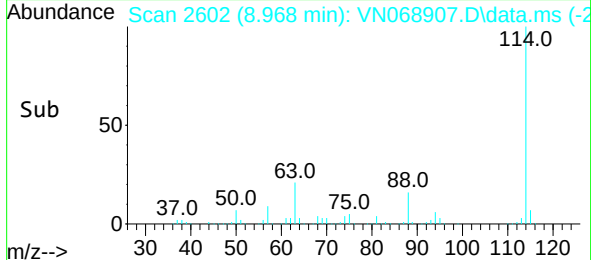
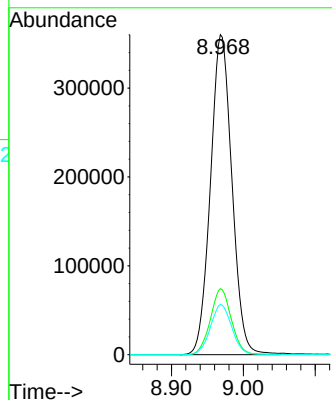
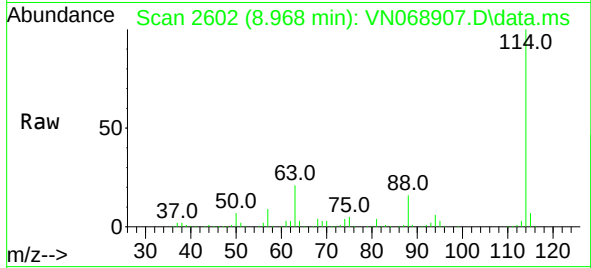




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

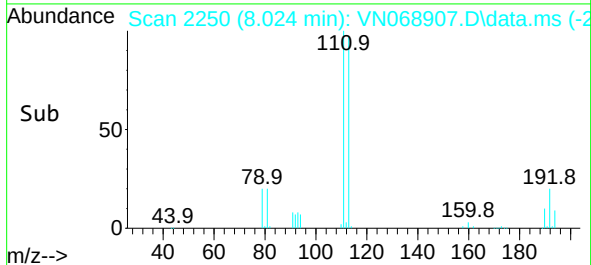
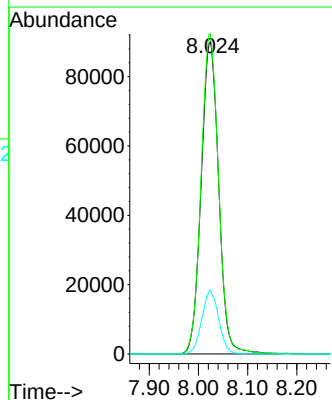
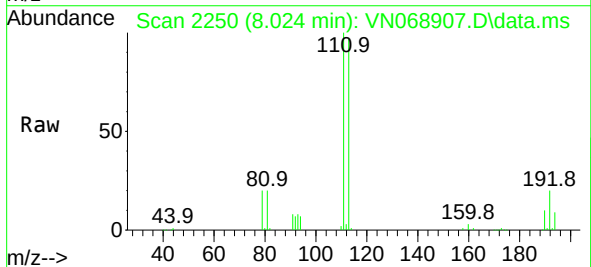
Instrument :
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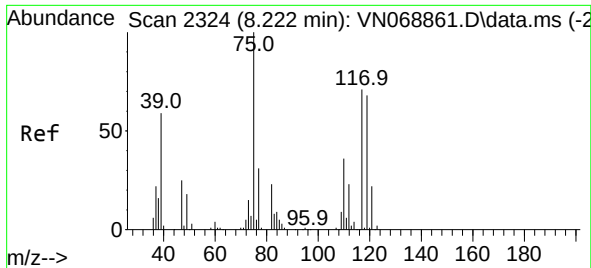
Tgt Ion:	114	Resp:	747410
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	42.6
88	15.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 51.253 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion:	113	Resp:	222873
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.2	124.8
192	19.6	15.0	22.4

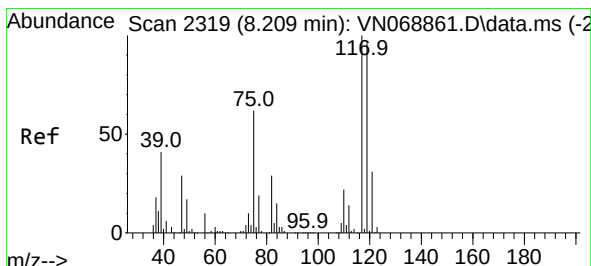
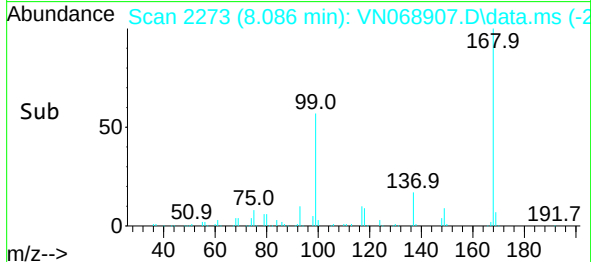
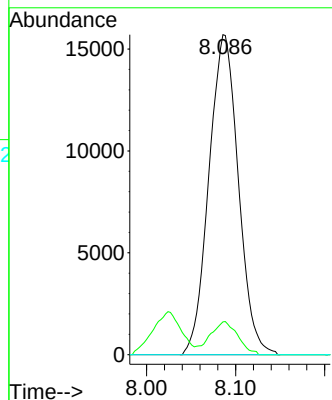
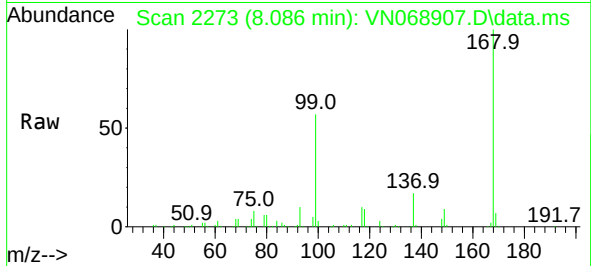




#36
 1,1-Dichloropropene
 Concen: 5.653 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN068907.D
 Acq: 13 Oct 2021 19:19

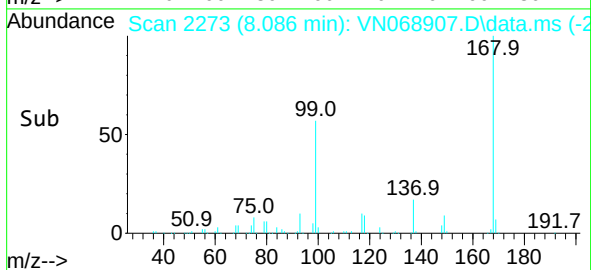
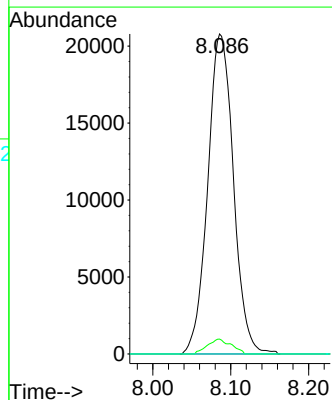
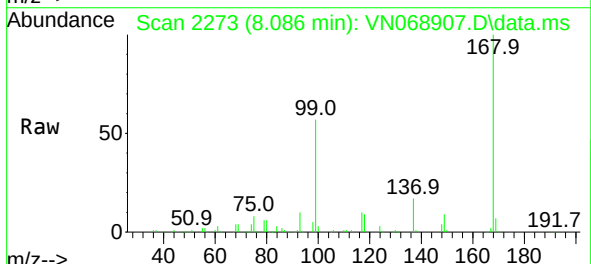
Instrument :
 MSVOA_N
 ClientSampled :
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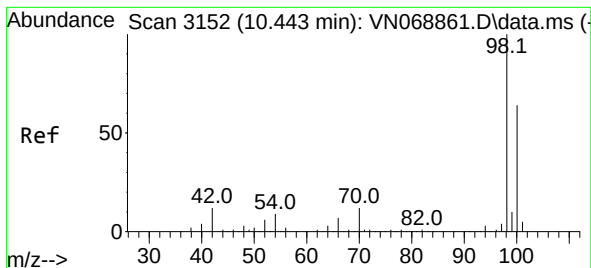
Tgt Ion: 75 Resp: 36092
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.796 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.123 min
 Lab File: VN068907.D
 Acq: 13 Oct 2021 19:19

Tgt Ion: 117 Resp: 47647
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.9 115.3#
 121 0.0 24.6 37.0#

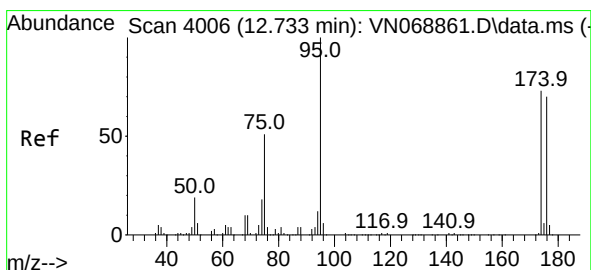
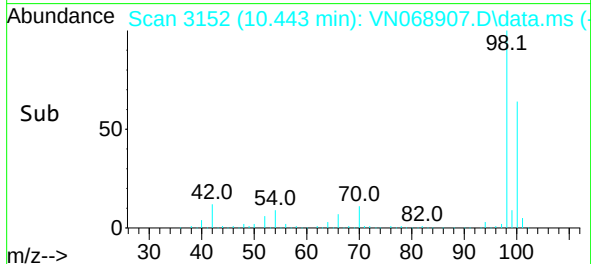
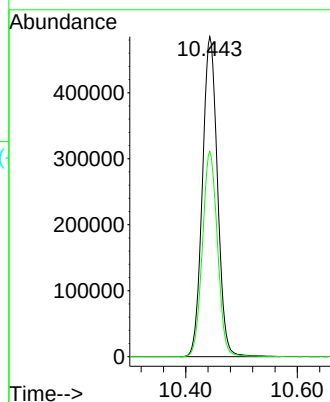
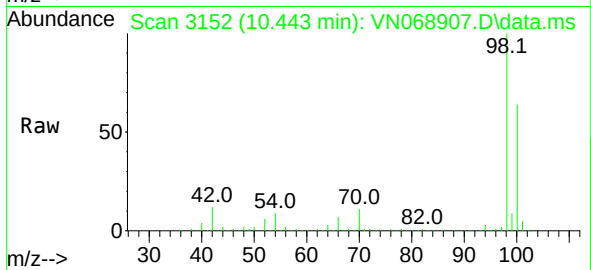




#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

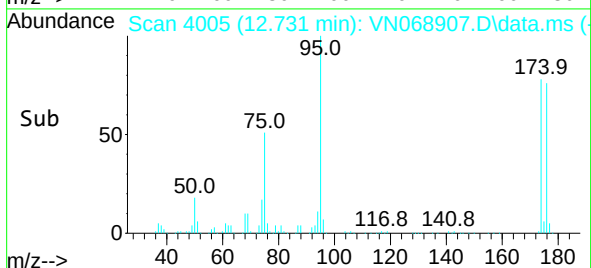
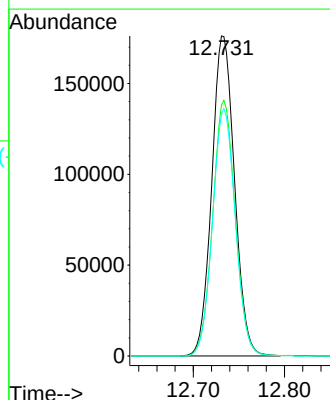
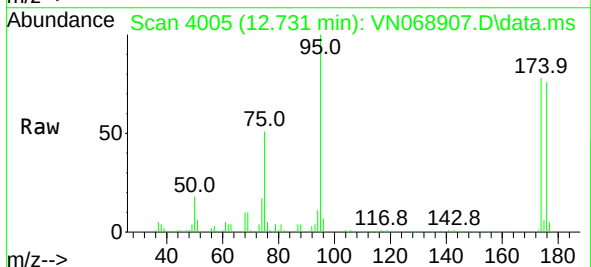
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ClientSampleId :
HAR-10

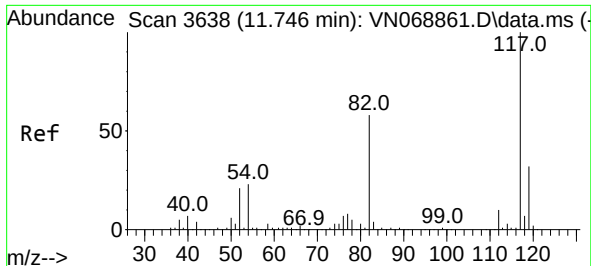
Tgt Ion: 98 Resp: 910365
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.471 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion: 95 Resp: 305054
Ion Ratio Lower Upper
95 100
174 79.5 0.0 144.8
176 77.5 0.0 140.0

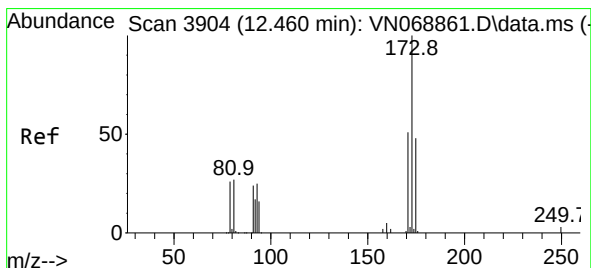
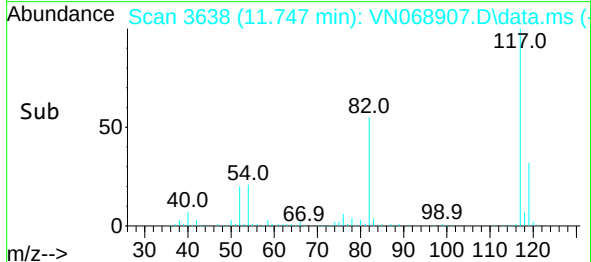
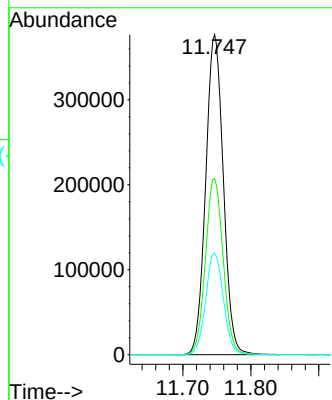
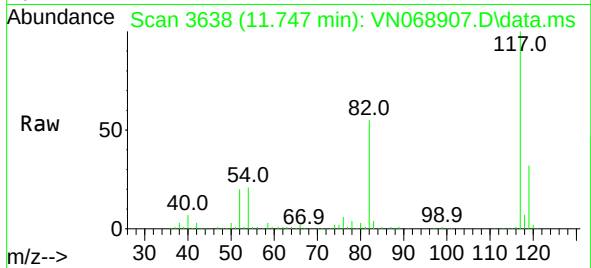




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

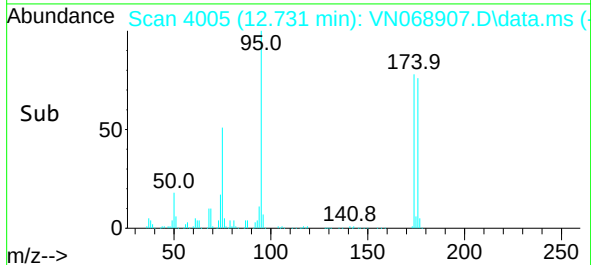
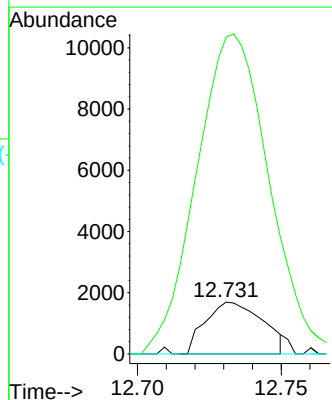
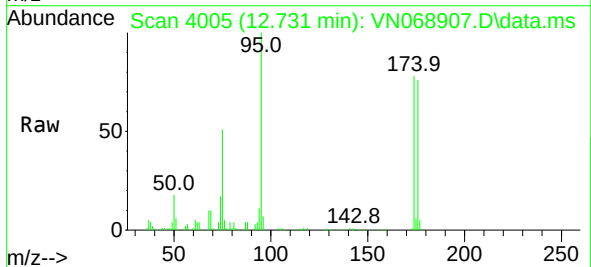
Instrument :
MSVOA_N
ClientSampleId :
HAR-10

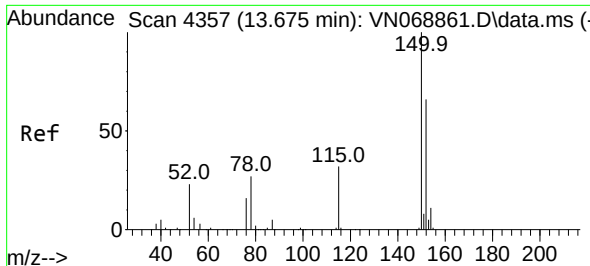
Tgt Ion:117 Resp: 678734
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 31.8 26.0 39.0



#71
Bromoform
Concen: 0.582 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion:173 Resp: 2344
Ion Ratio Lower Upper
173 100
175 725.7 23.8 71.5#
254 0.0 0.0 0.0

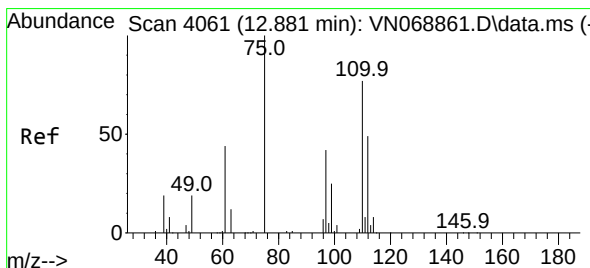
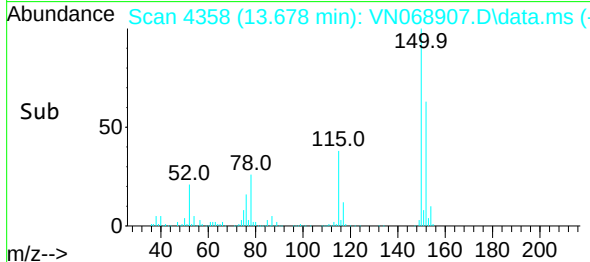
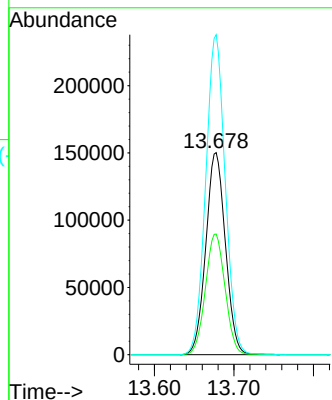
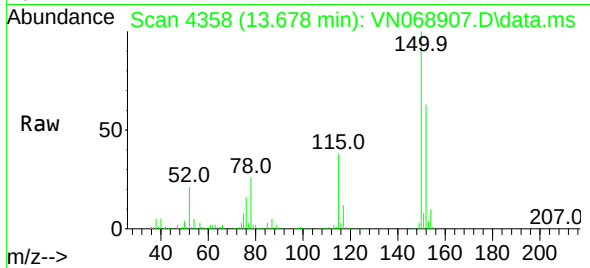




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

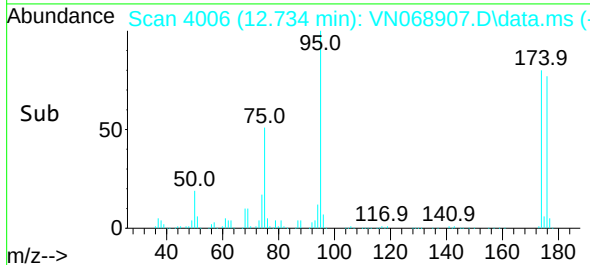
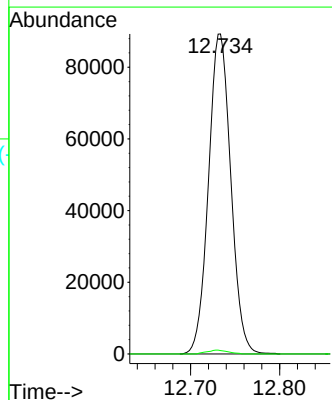
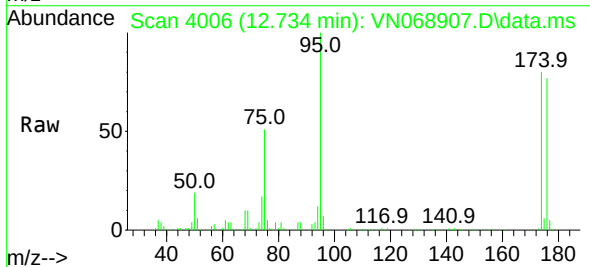
Instrument :
MSVOA_N
ClientSampled :
HAR-10

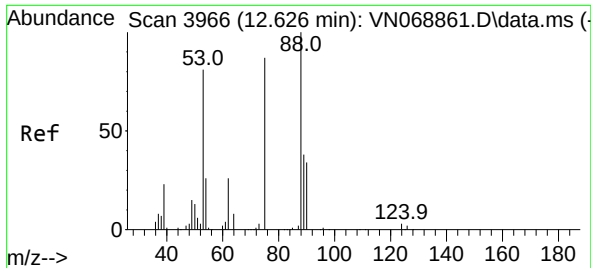
Tgt Ion:152 Resp: 257230
Ion Ratio Lower Upper
152 100
115 59.9 31.4 94.3
150 157.4 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.361 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion: 75 Resp: 155224
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#

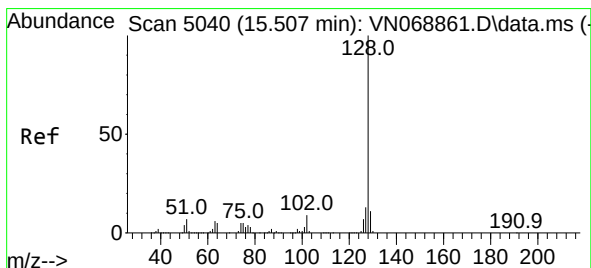
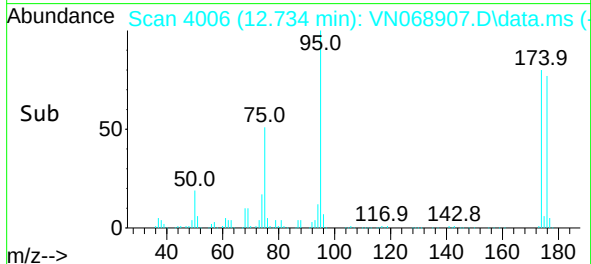
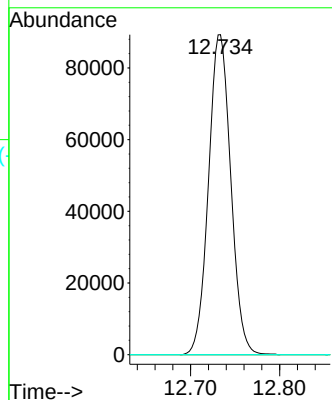
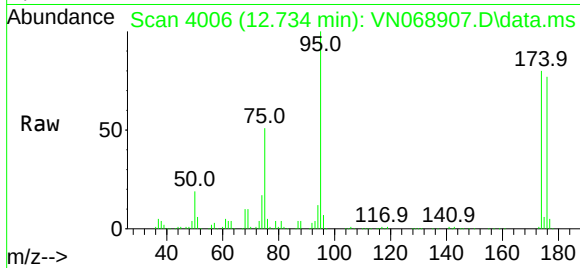




#81
trans-1,4-Dichloro-2-butene
Concen: 67.852 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
HAR-10

Tgt Ion: 75 Resp: 155224
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 4.123 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068907.D
Acq: 13 Oct 2021 19:19

Tgt Ion:128 Resp: 4022
Ion Ratio Lower Upper
128 100
127 7.9 10.5 15.7#
129 4.7 8.9 13.3#

