

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036250.D
 Acq On : 20 Jan 2021 17:12
 Operator : SY/AP
 Sample : M1171-02DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

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 1/21/2021 10:36:07 AM

Quant Time: Jan 21 01:35:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1384757	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2938387	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2601796	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2103142	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%
Target Compounds						
					Qvalue	
13) Ethanol	3.603	45	72833m	5.73	ppbv	
15) Acetone	3.857	43	66254	0.39	ppbv #	60
20) Methylene Chloride	4.336	84	51516m	0.95	ppbv	
53) Toluene	9.796	91	93244m	0.31	ppbv	

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

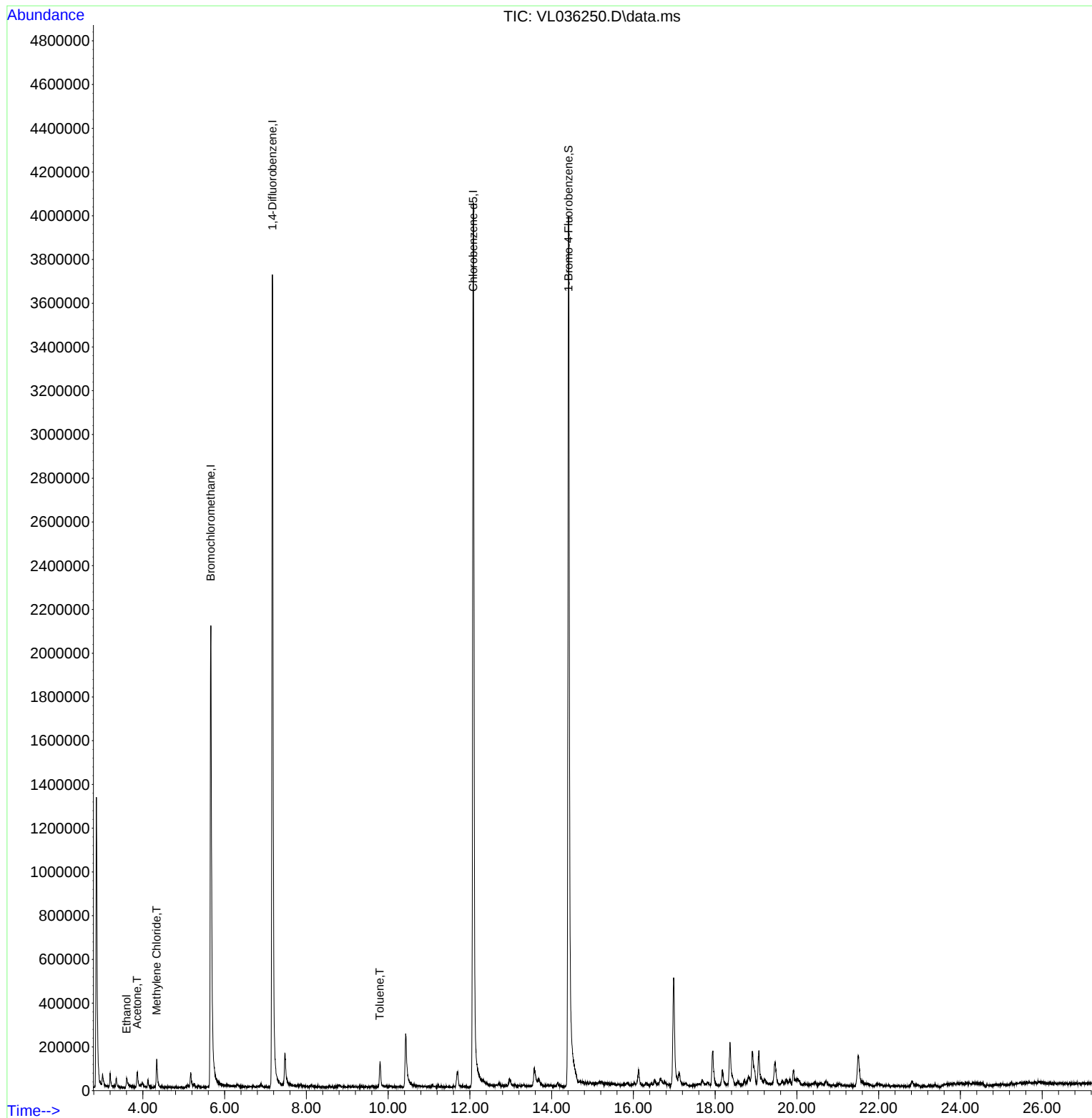
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
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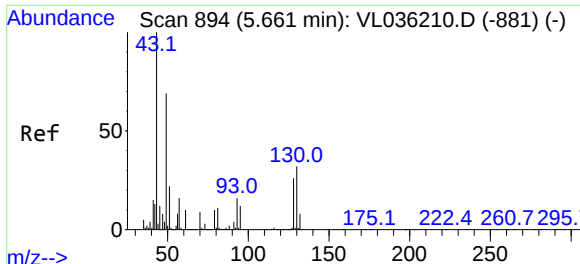
Instrument :
MSVOA_L
ClientSampled :
IA-2DL

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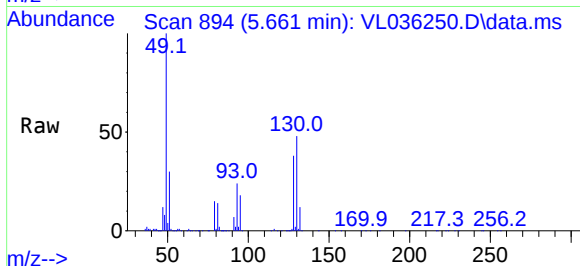
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.000 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

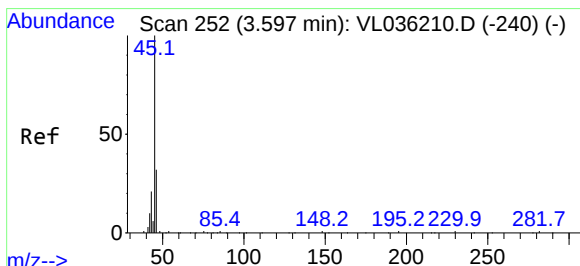
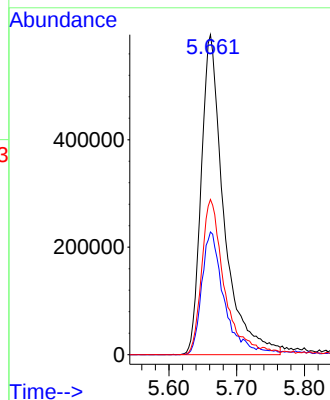
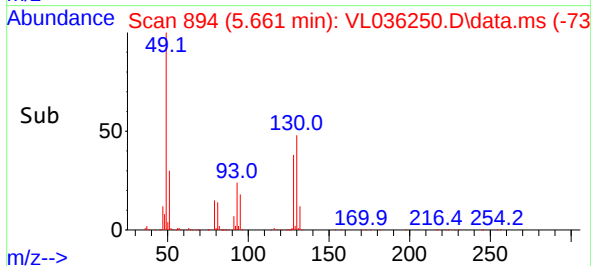
Instrument :
MSVOA_L
ClientSampled :
IA-2DL



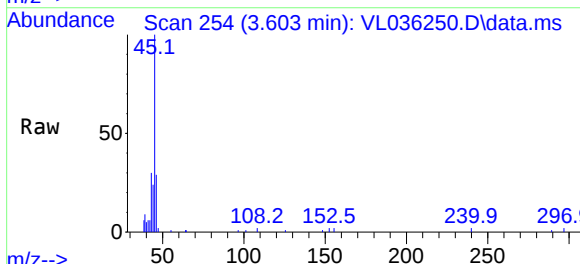
Tgt Ion: 49 Resp: 1384757
Ion Ratio Lower Upper
49 100
128 38.8 20.1 60.2
130 49.4 25.3 75.9

Manual Integrations
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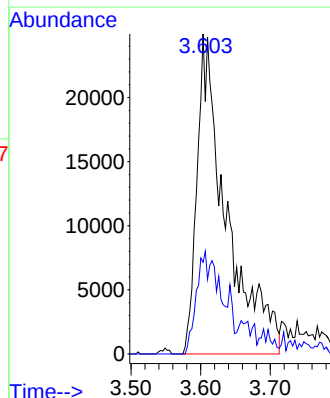
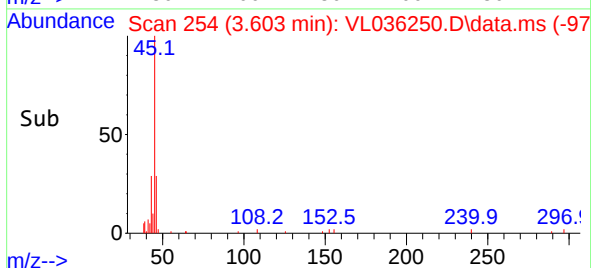
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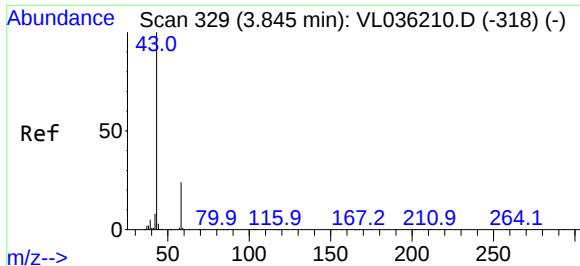


#13
Ethanol
Concen: 5.73 ppbv m
RT: 3.603 min Scan# 254
Delta R.T. 0.006 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12



Tgt Ion: 45 Resp: 72833
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#





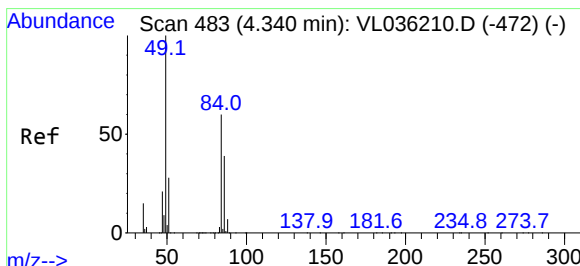
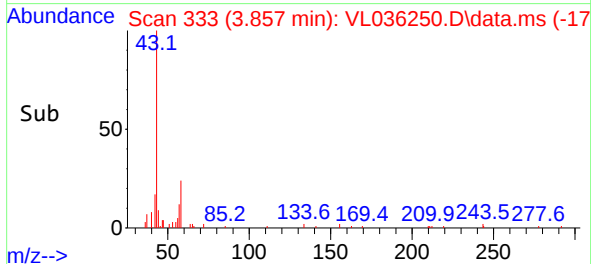
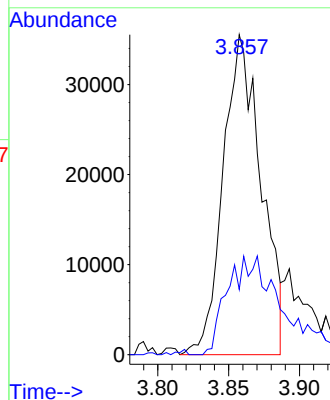
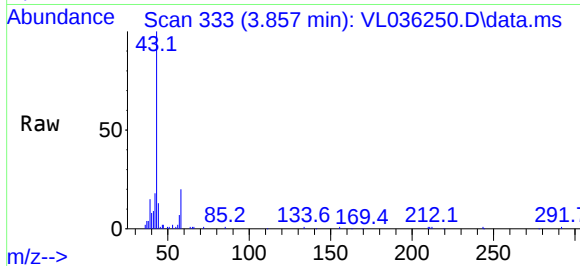
#15
Acetone
Concen: 0.39 ppbv
RT: 3.857 min Scan# 333
Delta R.T. 0.013 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 66254
Ion Ratio Lower Upper
43 100
58 46.3 20.9 31.3#

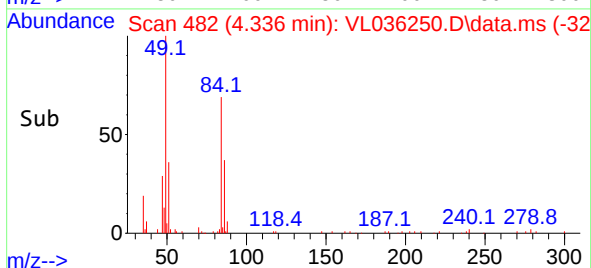
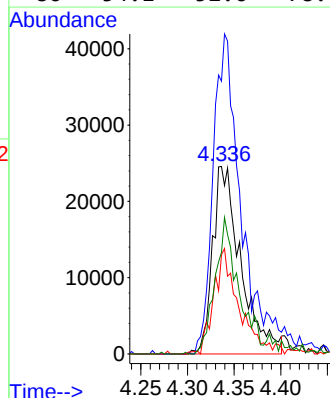
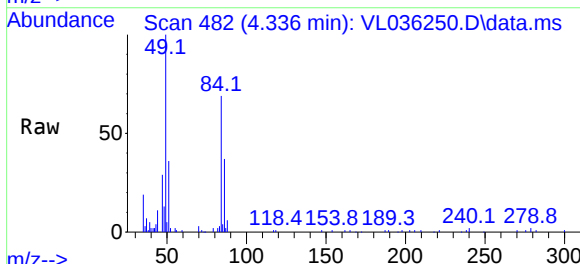
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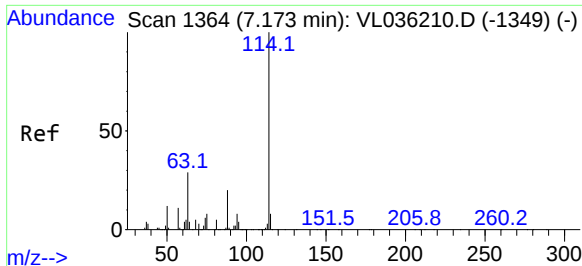
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#20
Methylene Chloride
Concen: 0.95 ppbv m
RT: 4.336 min Scan# 482
Delta R.T. -0.003 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

Tgt Ion: 84 Resp: 51516
Ion Ratio Lower Upper
84 100
49 145.5 134.1 201.1
51 52.9 37.4 56.0
86 54.1 52.6 78.8





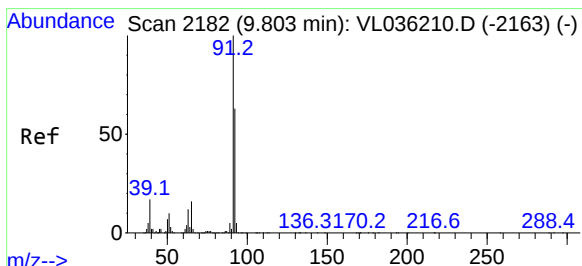
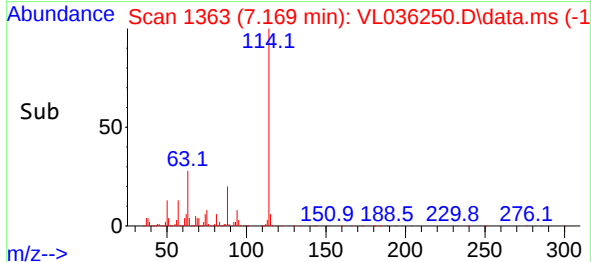
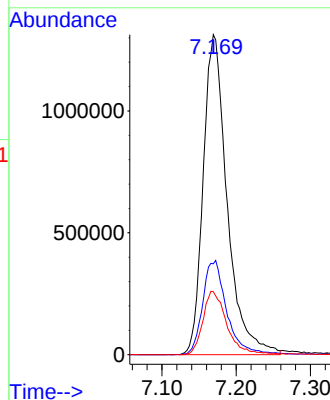
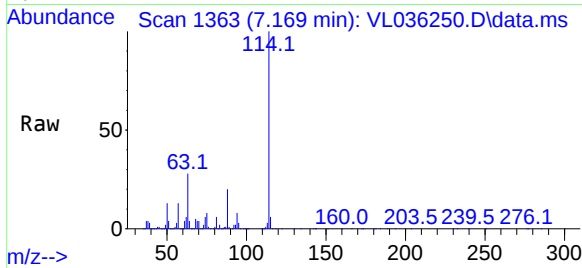
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

Tgt Ion: 114 Resp: 2938387
Ion Ratio Lower Upper
114 100
63 30.0 24.7 37.1
88 20.1 16.6 24.8

Instrument :
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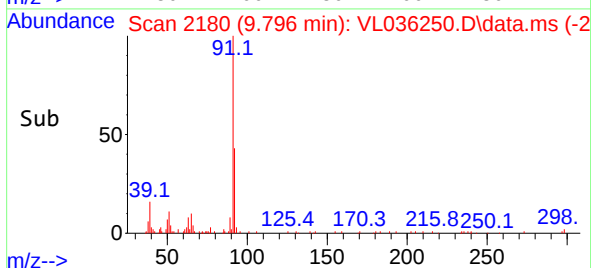
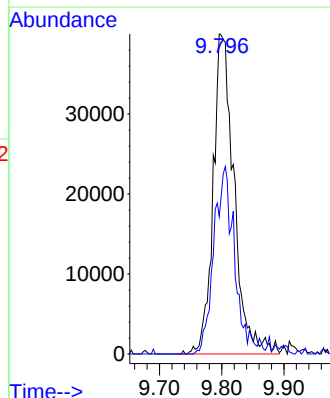
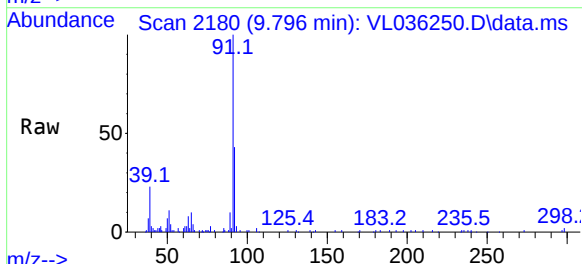
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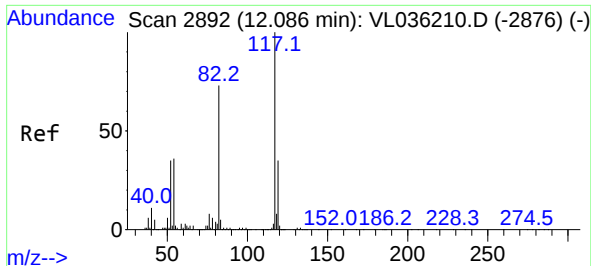
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#53
Toluene
Concen: 0.31 ppbv m
RT: 9.796 min Scan# 2180
Delta R.T. -0.007 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

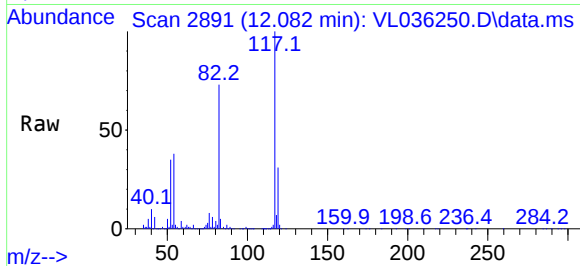
Tgt Ion: 91 Resp: 93244
Ion Ratio Lower Upper
91 100
92 58.1 48.5 72.7





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.003 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12

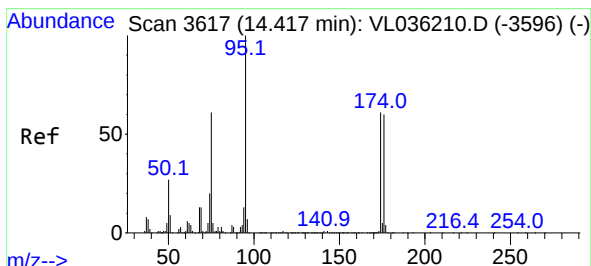
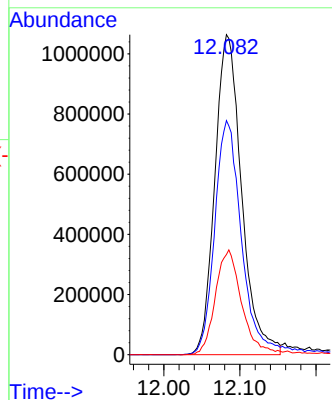
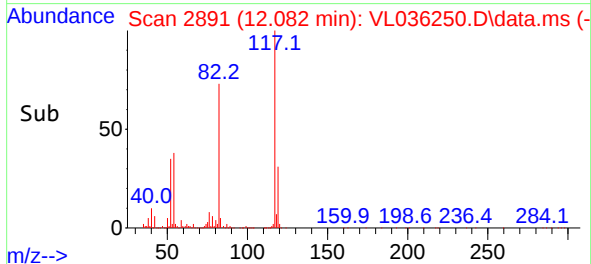
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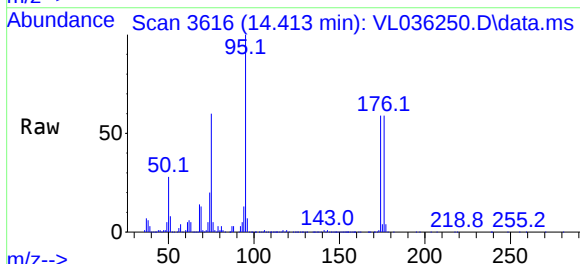
Tgt Ion: 117 Resp: 2601796
Ion Ratio Lower Upper
117 100
82 75.3 59.7 89.5
119 32.9 28.6 43.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.77 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. -0.003 min
Lab File: VL036250.D
Acq: 20 Jan 2021 17:12



Tgt Ion: 95 Resp: 2103142
Ion Ratio Lower Upper
95 100
174 64.6 49.4 74.0
175 4.8 3.8 5.8

