

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034695.D
 Acq On : 26 Feb 2020 19:52
 Operator : SY/AP
 Sample : L1664-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ROOFTOP-BRWDL

Quant Time: Feb 27 15:49:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 26 06:58:15 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	979528	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1981514	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1968964	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1654272	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

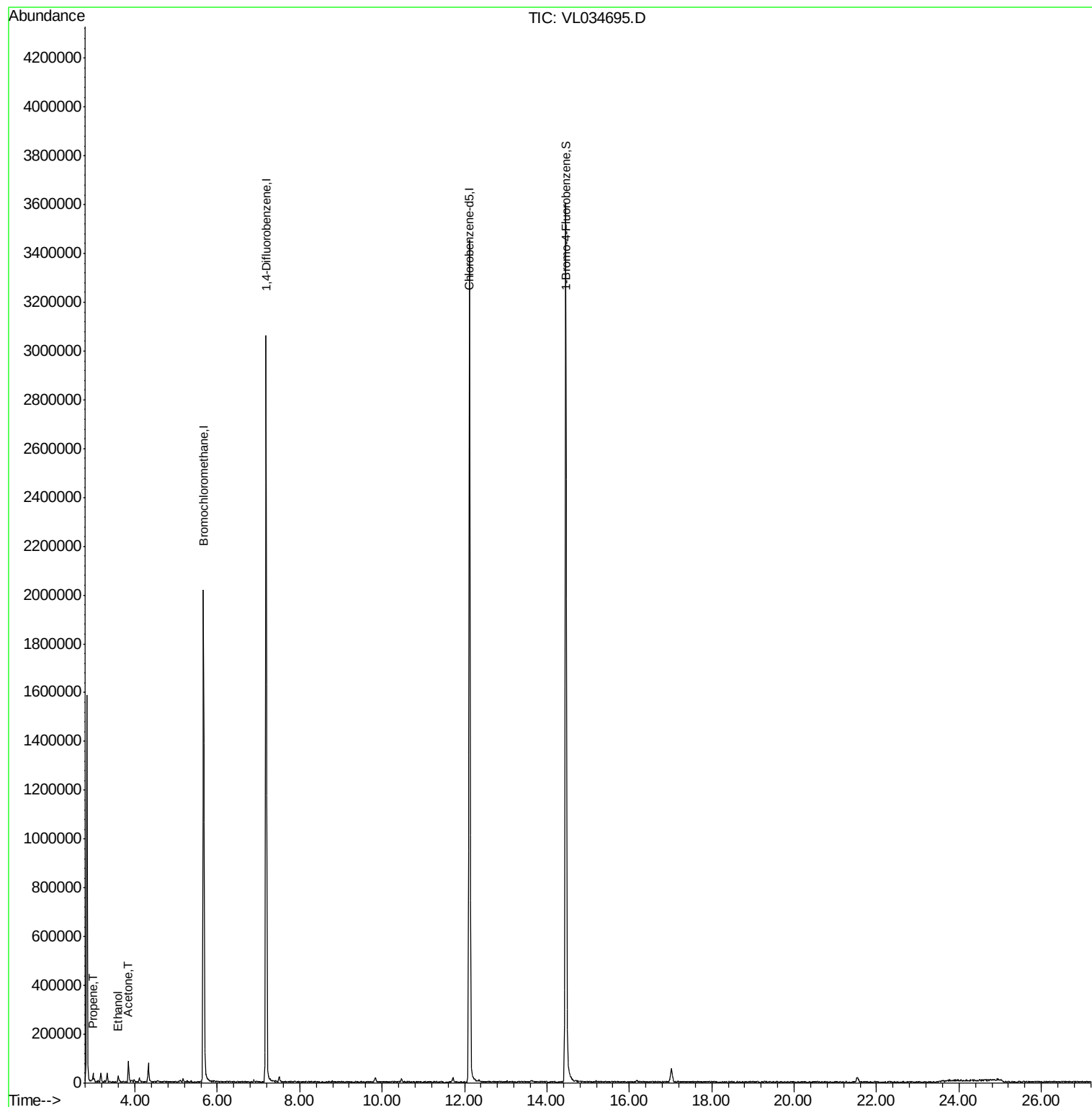
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	8494	0.192	ppbv	92
13) Ethanol	3.60	45	21298	1.526	ppbv	95
15) Acetone	3.84	43	74889	0.671	ppbv	95

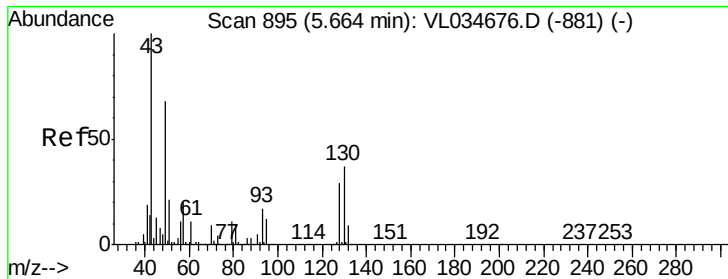
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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Instrument :
MSVOA_L
ClientSampleId :
ROOFTOP-BRWDL

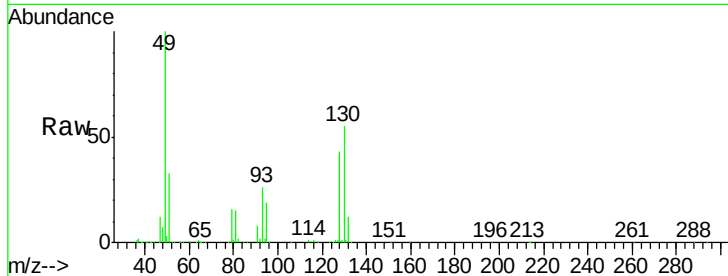
Tot Ion: 49 Resp: 979528

Ion Ratio Lower Upper

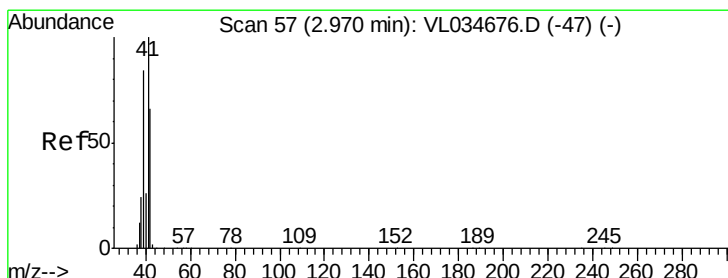
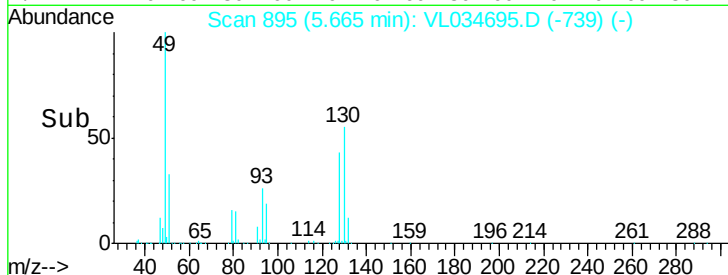
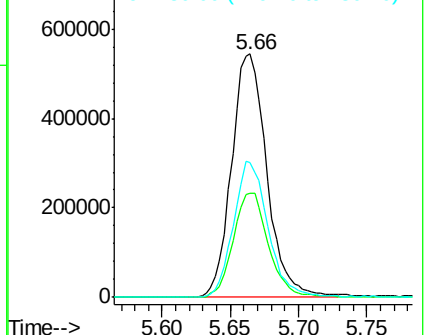
49 100

128 43.2 21.6 65.0

130 55.4 27.7 83.1



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.192 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034695.D

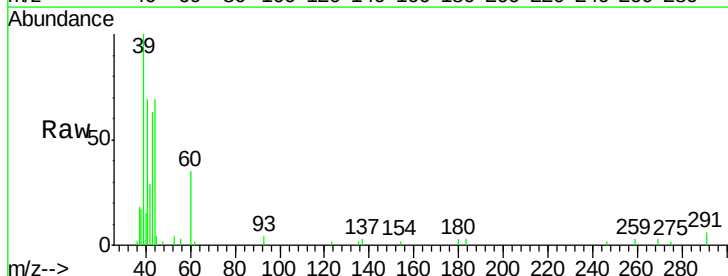
Acq: 26 Feb 2020 19:52

Tgt Ion: 41 Resp: 8494

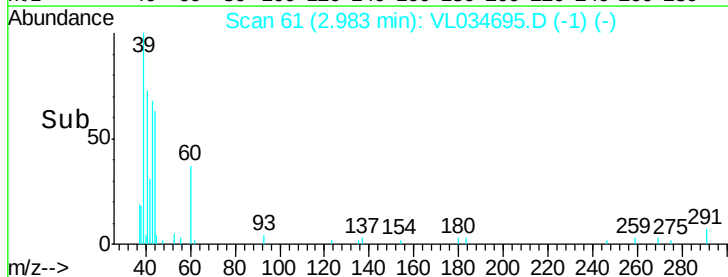
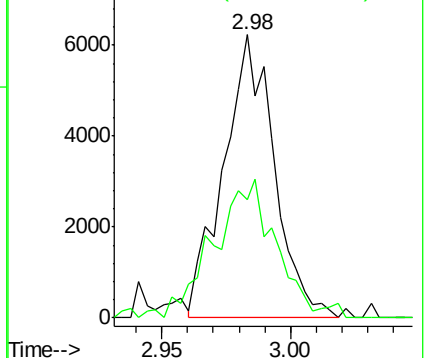
Ion Ratio Lower Upper

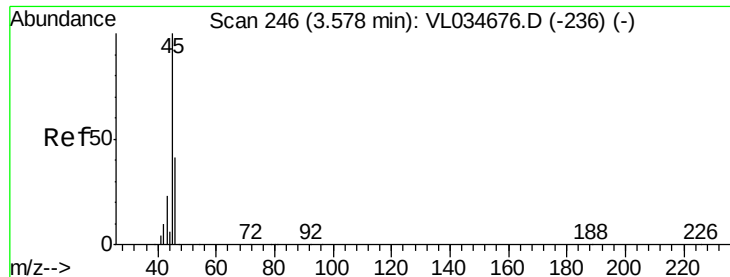
41 100

42 62.1 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

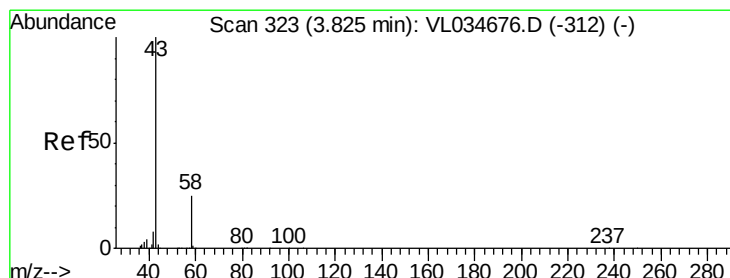
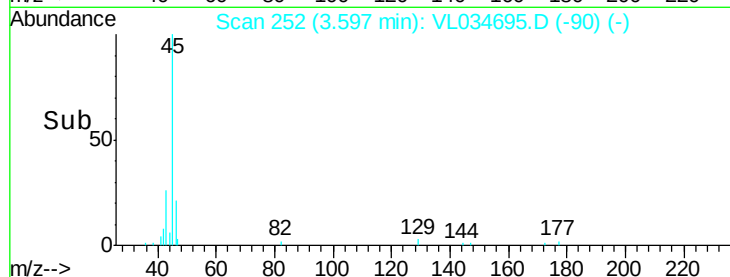
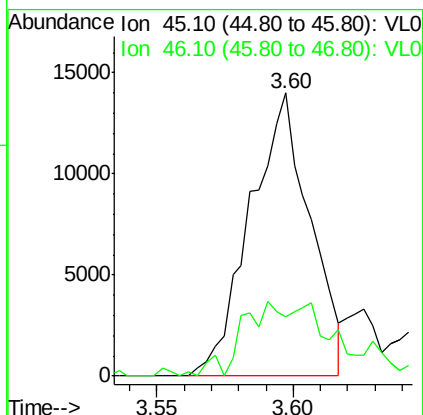
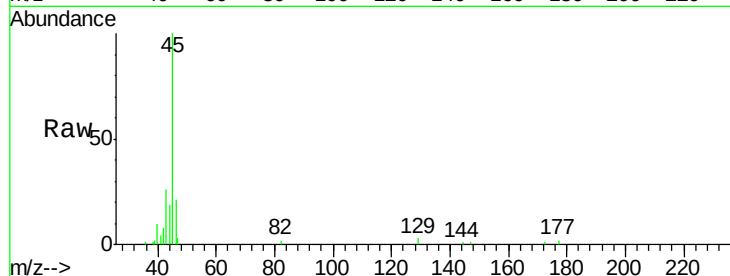




#13
Ethanol
Concen: 1.526 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL034695.D
Acq: 26 Feb 2020 19:52

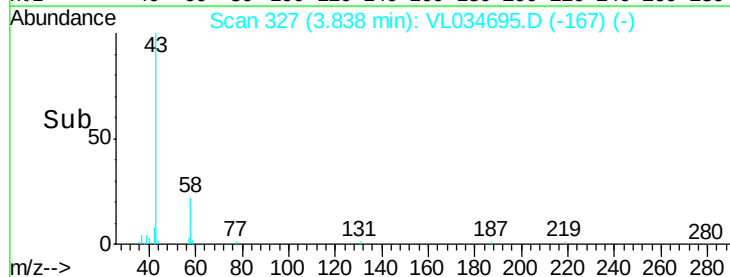
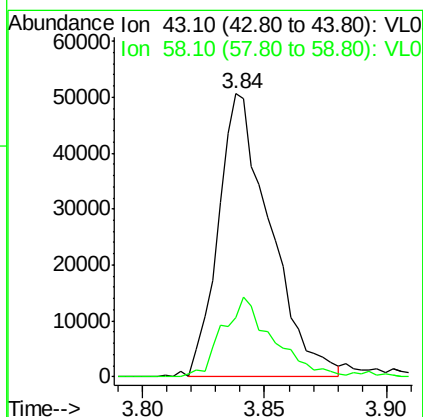
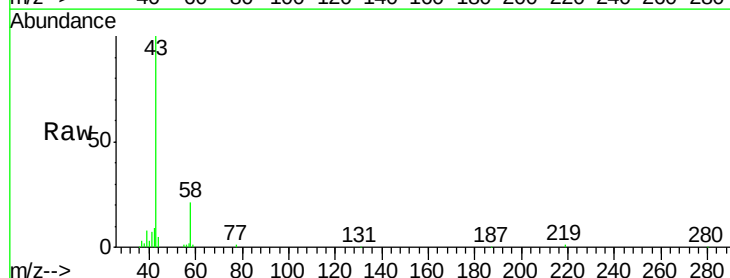
Instrument :
MSVOA_L
ClientSampleId :
ROOFTOP-BRWDL

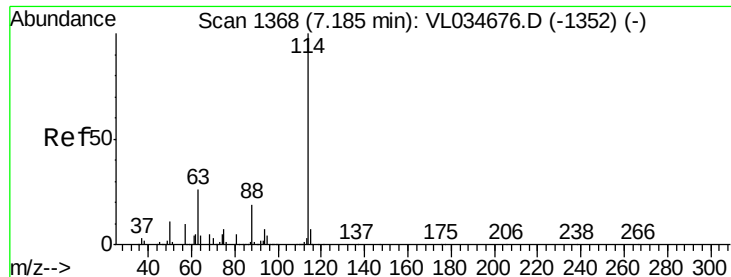
Tot Ion: 45 Resp: 21298
Ion Ratio Lower Upper
45 100
46 41.6 15.4 61.4



#15
Acetone
Concen: 0.671 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034695.D
Acq: 26 Feb 2020 19:52

Tgt Ion: 43 Resp: 74889
Ion Ratio Lower Upper
43 100
58 29.1 21.4 32.0

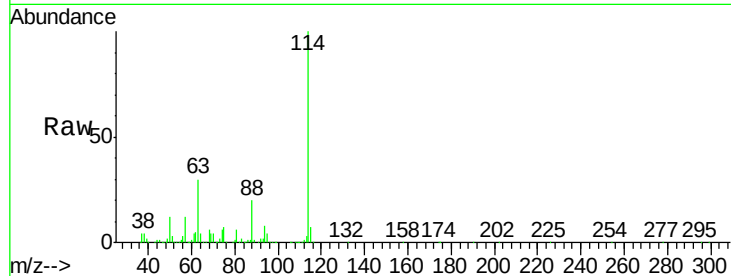




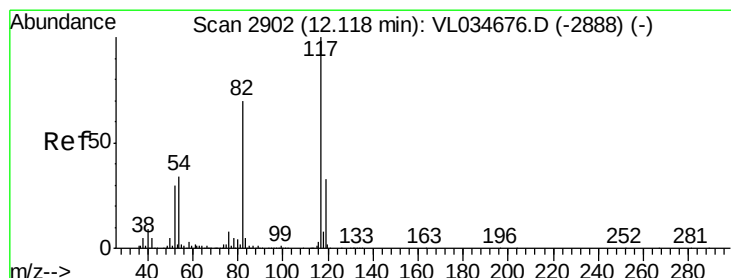
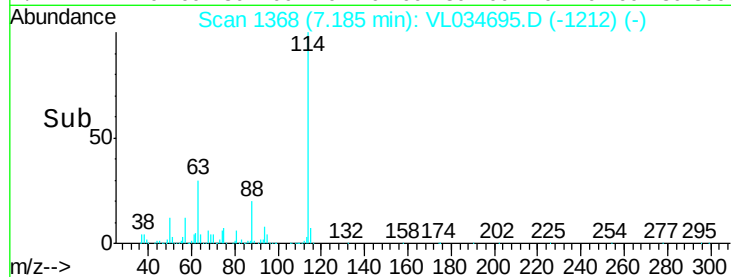
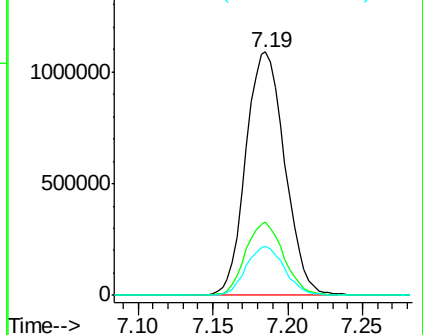
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL034695.D
 Acq: 26 Feb 2020 19:52

Instrument :
 MSVOA_L
 ClientSampleId :
 ROOFTOP-BRWDL

Tot Ion:114 Resp: 1981514
 Ion Ratio Lower Upper
 114 100
 63 29.5 22.9 34.3
 88 19.7 15.8 23.6

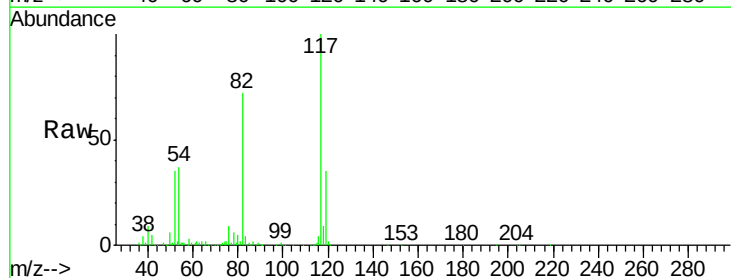


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

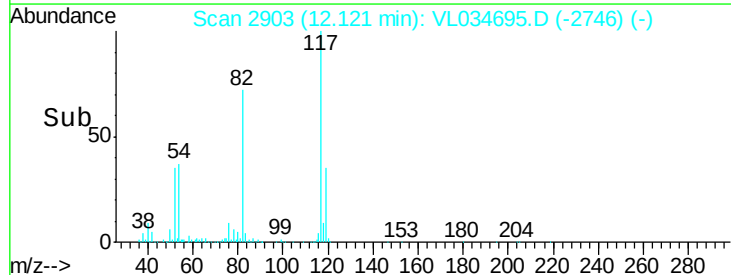
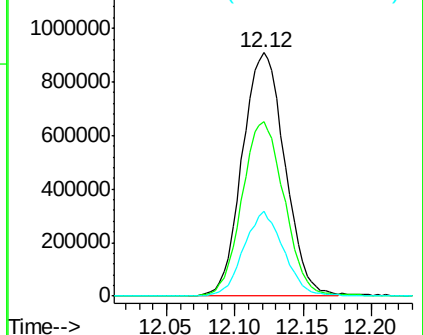


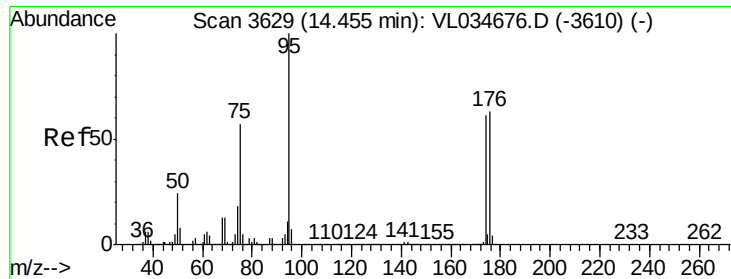
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. 0.00 min
 Lab File: VL034695.D
 Acq: 26 Feb 2020 19:52

Tgt Ion:117 Resp: 1968964
 Ion Ratio Lower Upper
 117 100
 82 71.7 54.1 81.1
 119 32.9 27.6 41.4



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V

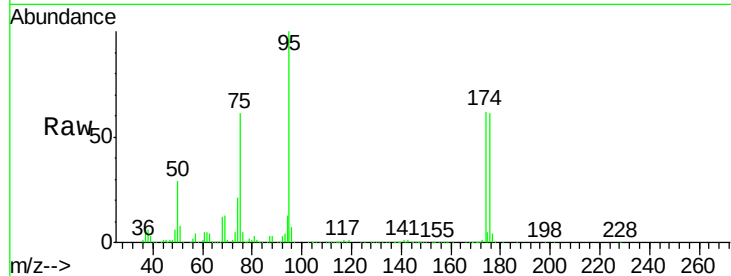




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.246 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: VL034695.D
 Acq: 26 Feb 2020 19:52

Instrument :
 MSVOA_L
 ClientSampleId :
 ROOFTOP-BRWDL

Tot Ion: 95 Resp: 1654272
 Ion Ratio Lower Upper
 95 100
 174 63.2 50.7 76.1
 175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

