

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034469.D
 Acq On : 9 Dec 2019 18:06
 Operator : SY/AP
 Sample : K6195-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-1DL

Quant Time: Dec 10 04:13:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	965207	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	1900049	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1908655	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1626854	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

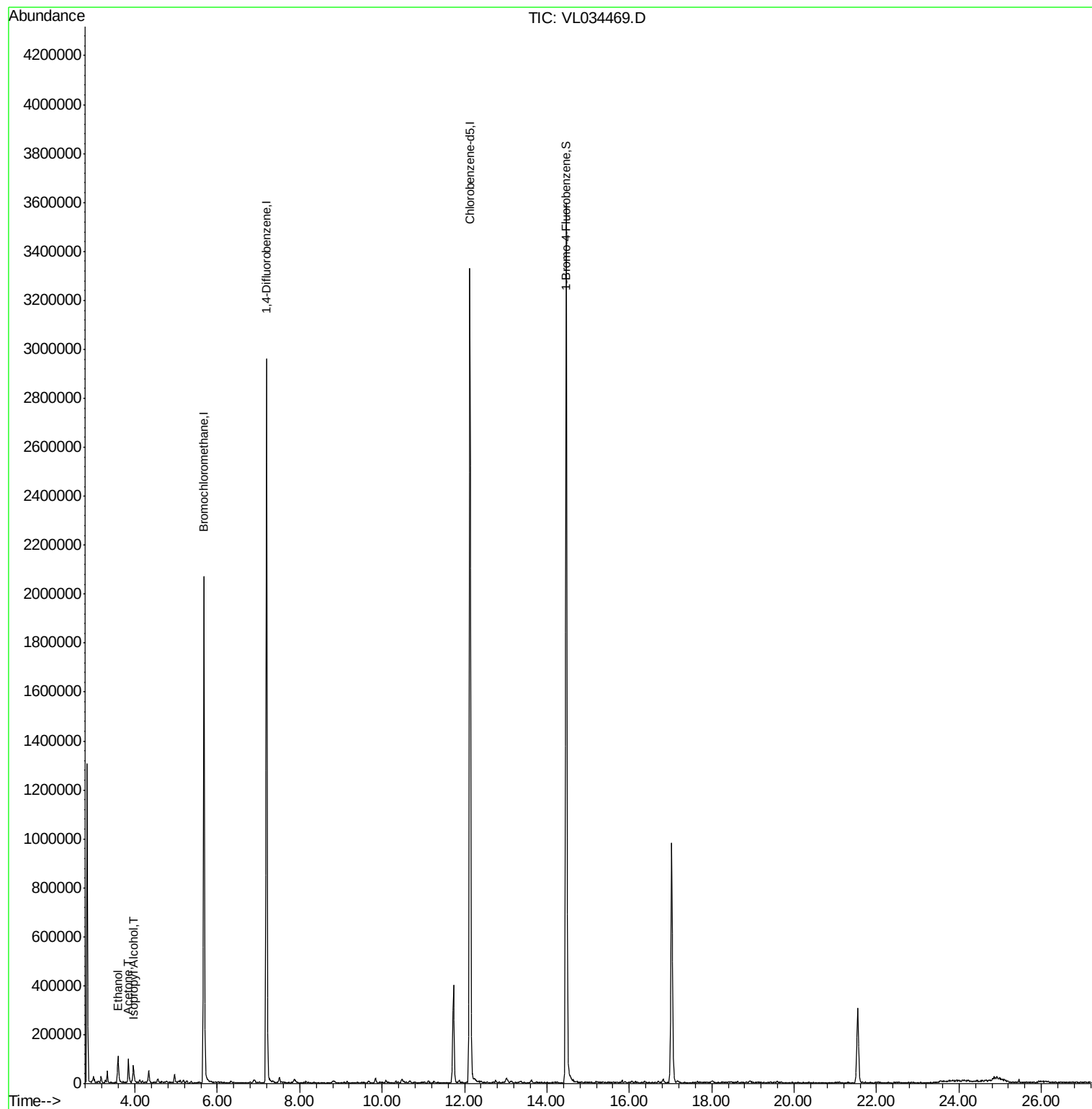
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	118835	7.979	ppbv	90
15) Acetone	3.84	43	90638	0.656	ppbv	99
19) Isopropyl Alcohol	3.96	45	71165	0.803	ppbv #	94

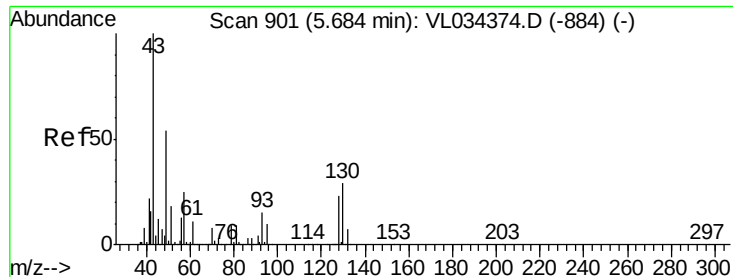
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL034469.D

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Instrument :

MSVOA_L

ClientSampleId :

NS-1DL

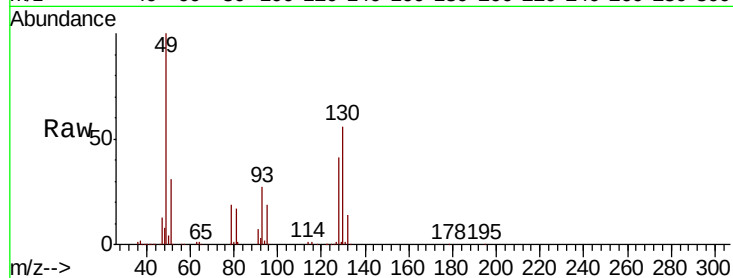
Tot Ion: 49 Resp: 965207

Ion Ratio Lower Upper

49 100

128 43.4 21.8 65.3

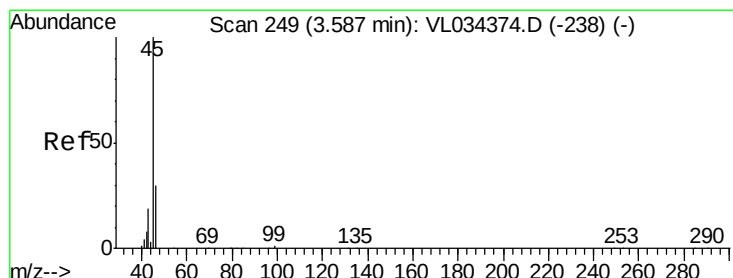
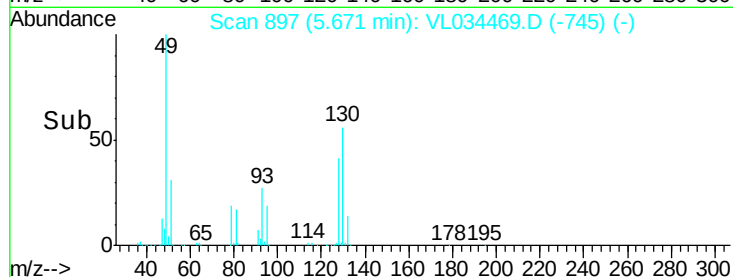
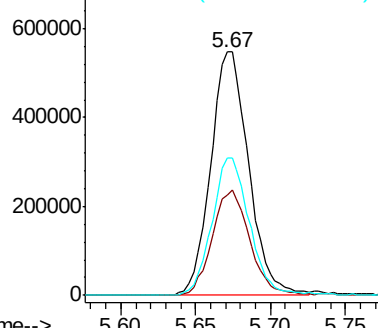
130 56.6 28.0 84.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 7.979 ppbv

RT: 3.58 min Scan# 248

Delta R.T. -0.00 min

Lab File: VL034469.D

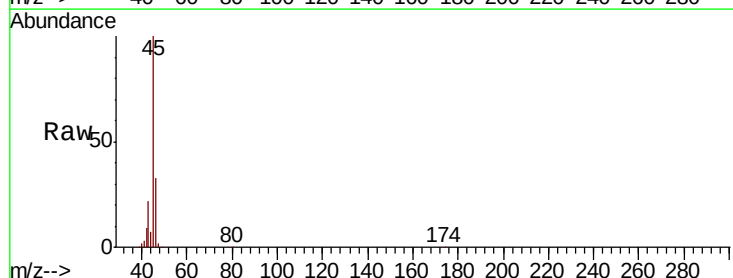
Acq: 9 Dec 2019 18:06

Tgt Ion: 45 Resp: 118835

Ion Ratio Lower Upper

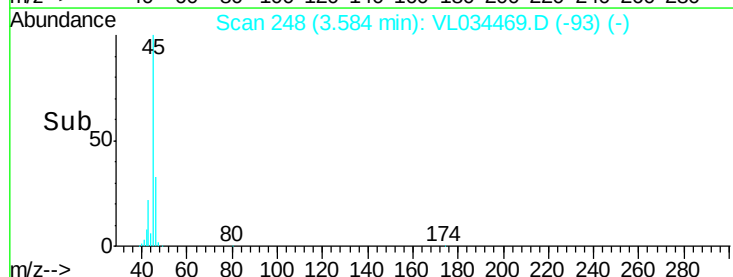
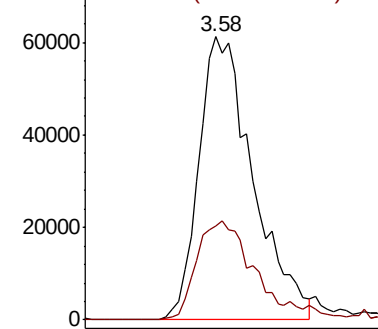
45 100

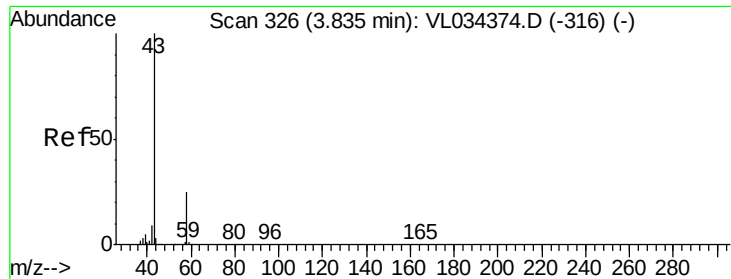
46 40.2 13.8 55.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.656 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.00 min

Lab File: VL034469.D

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Instrument :

MSVOA_L

ClientSampleId :

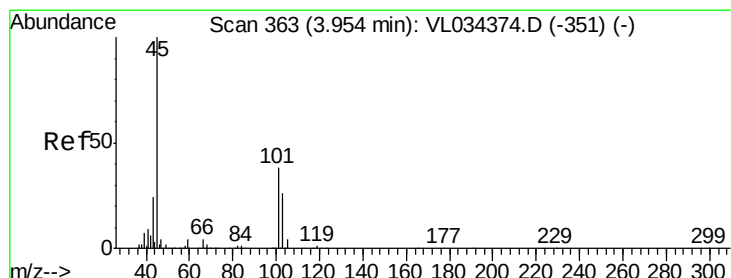
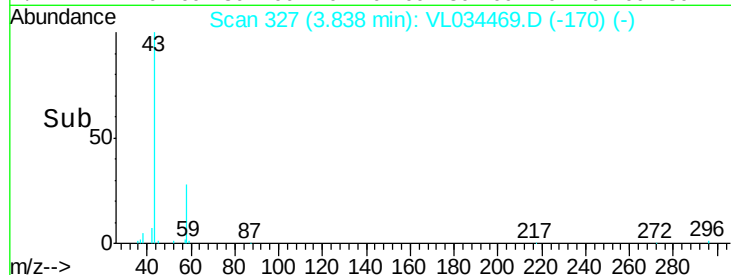
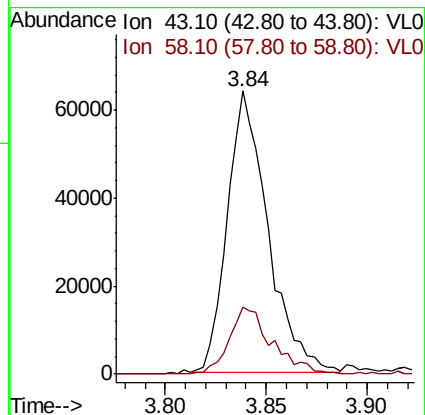
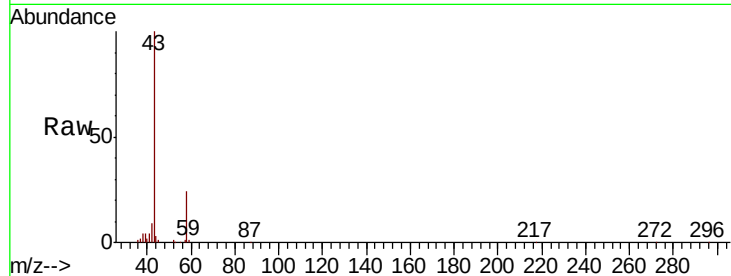
NS-1DL

Tot Ion: 43 Resp: 90638

Ion Ratio Lower Upper

43 100

58 24.8 20.2 30.4



#19

Isopropyl Alcohol

Concen: 0.803 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL034469.D

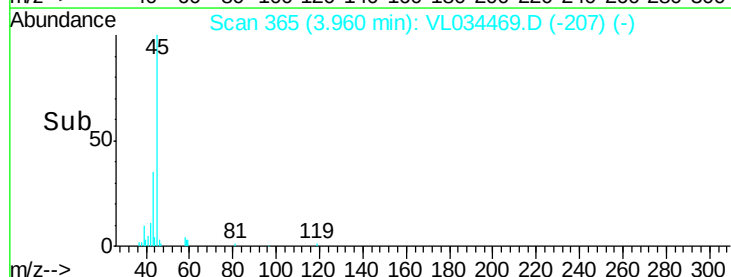
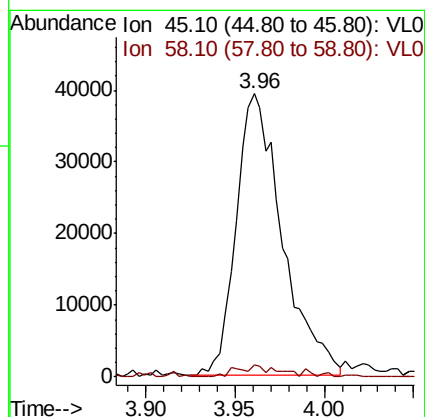
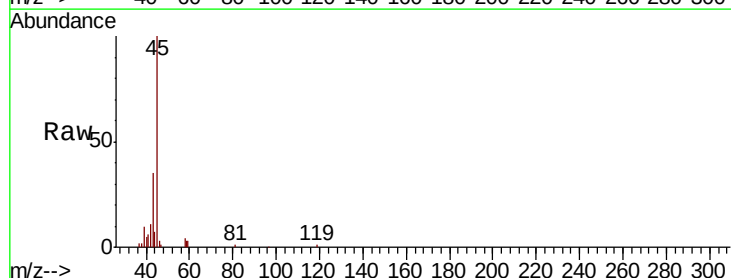
Acq: 9 Dec 2019 18:06

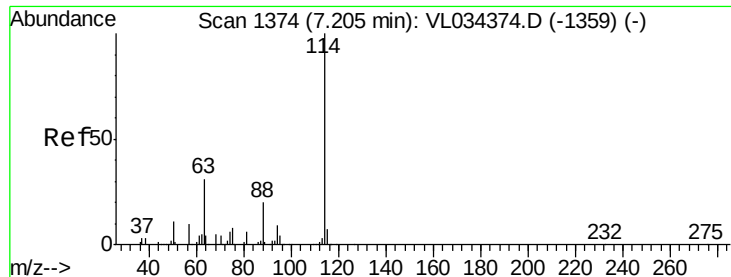
Tgt Ion: 45 Resp: 71165

Ion Ratio Lower Upper

45 100

58 3.9 1.3 1.9#

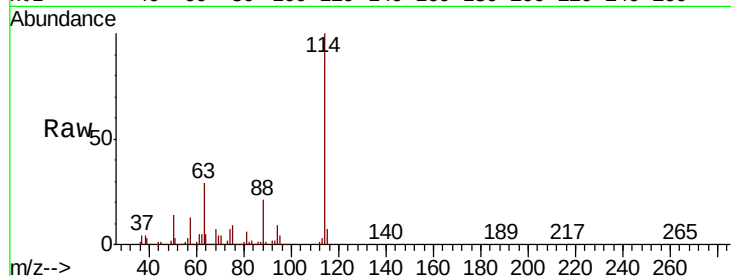




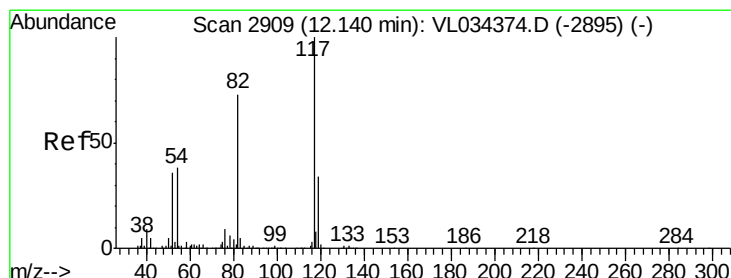
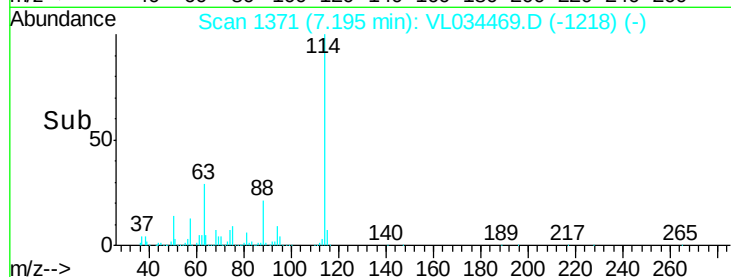
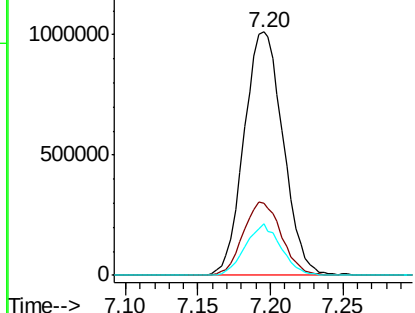
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: VL034469.D
 Acq: 9 Dec 2019 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-1DL

Tot Ion:114 Resp: 1900049
 Ion Ratio Lower Upper
 114 100
 63 29.7 24.2 36.4
 88 19.3 15.9 23.9

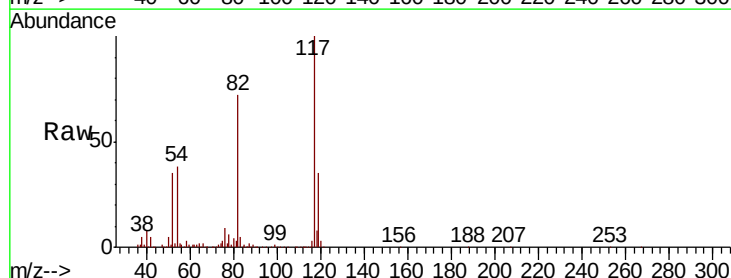


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

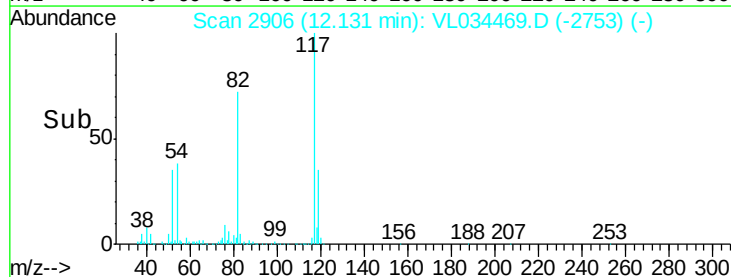
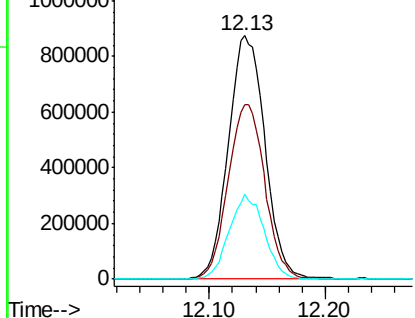


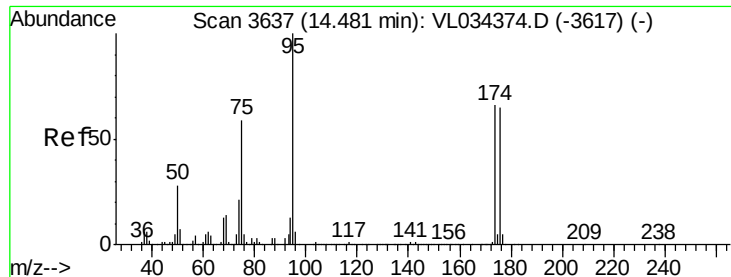
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. -0.01 min
 Lab File: VL034469.D
 Acq: 9 Dec 2019 18:06

Tgt Ion:117 Resp: 1908655
 Ion Ratio Lower Upper
 117 100
 82 72.1 57.5 86.3
 119 33.5 25.4 38.2



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: 10.132 ppbv

RT: 14.47 min Scan# 3634

Delta R.T. -0.01 min

Lab File: VL034469.D

Acq: 9 Dec 2019 18:06

Instrument :

MSVOA_L

ClientSampleId :

NS-1DL

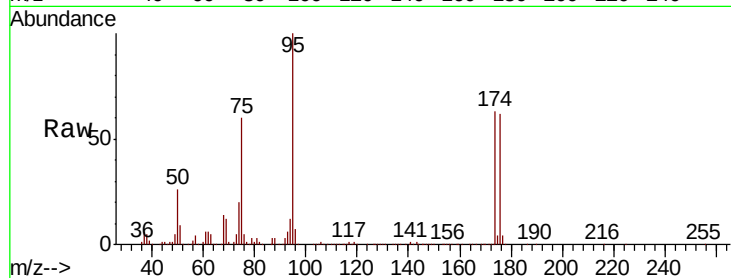
Tot Ion: 95 Resp: 1626854

Ion Ratio Lower Upper

95 100

174 64.8 52.2 78.2

175 4.5 3.8 5.8



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

