

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035739.D
 Acq On : 30 Sep 2020 00:52
 Operator : SY/AP
 Sample : CAN 10590
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10590

Quant Time: Sep 30 04:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1087414	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	3931238	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	3853394	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	2941045	10.19	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

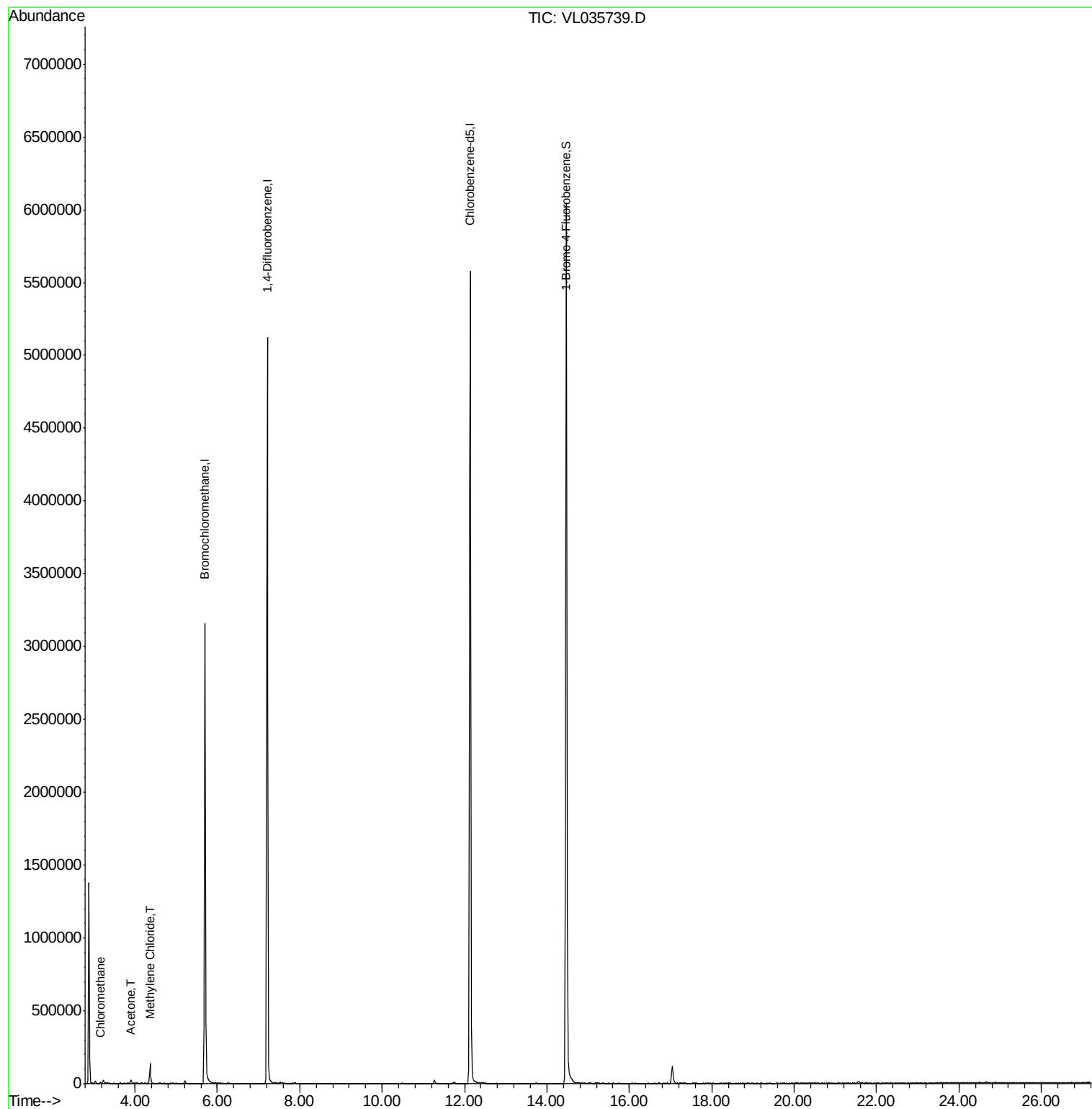
Target Compounds					Ovalue
4) Chloromethane	3.15	50	8705	0.139 ppbv	92
15) Acetone	3.90	43	16223	0.139 ppbv #	21
20) Methylene Chloride	4.37	84	61546	0.716 ppbv	95

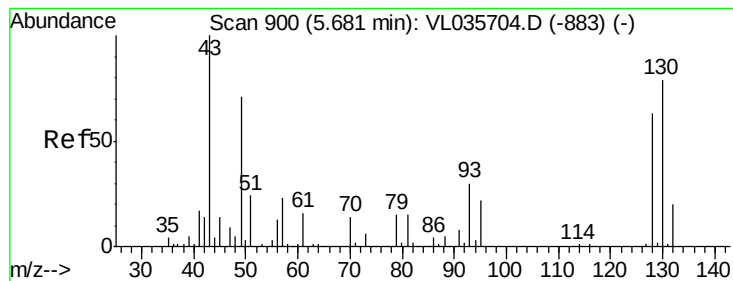
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092920\
Data File : VL035739.D
Acq On : 30 Sep 2020 00:52
Operator : SY/AP
Sample : CAN 10590
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Quant Time: Sep 30 04:13:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.02 min

Lab File: VL035739.D

Acq: 30 Sep 2020 00:52

Instrument :

MSVOA_L

ClientSampleId :

CAN 10590

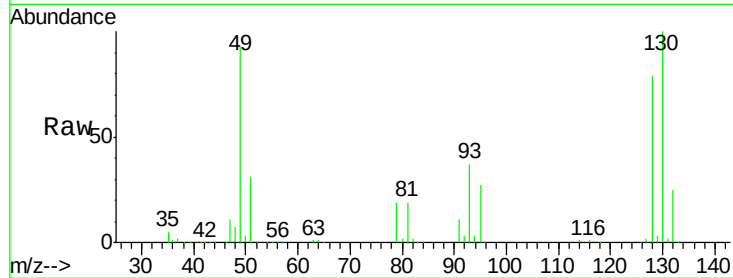
Tot Ion: 49 Resp: 1087414

Ion Ratio Lower Upper

49 100

128 83.4 43.1 129.4

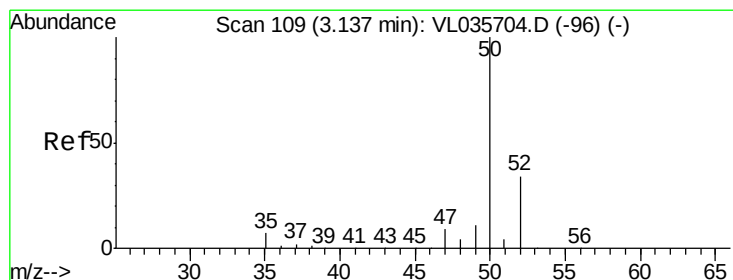
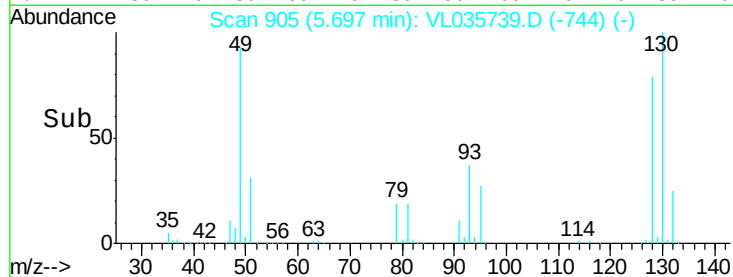
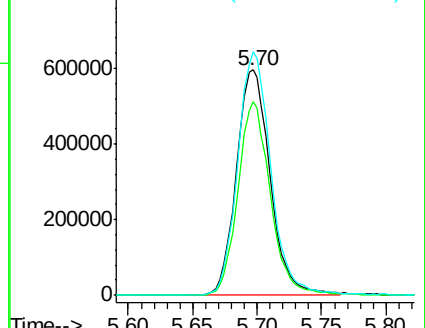
130 106.1 54.9 164.7



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



#4

Chloromethane

Concen: 0.139 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.02 min

Lab File: VL035739.D

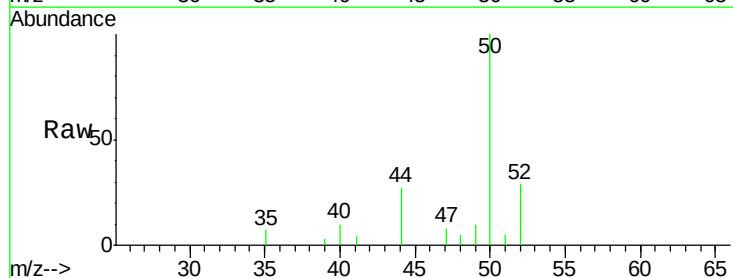
Acq: 30 Sep 2020 00:52

Tgt Ion: 50 Resp: 8705

Ion Ratio Lower Upper

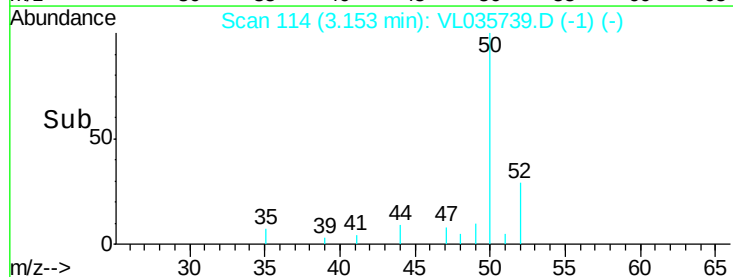
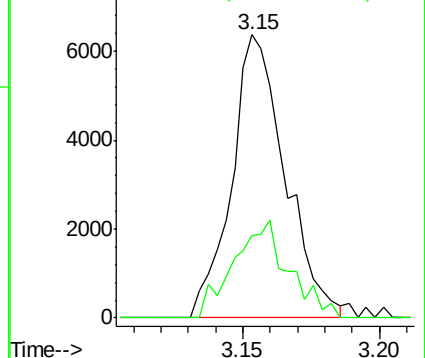
50 100

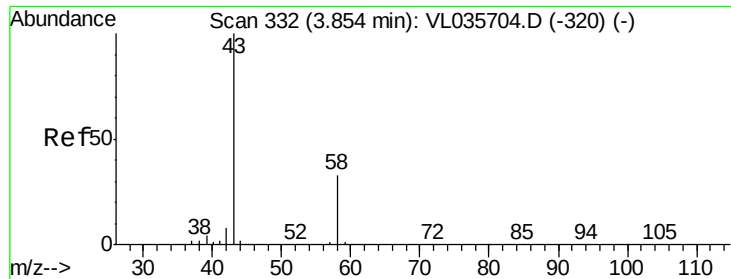
52 29.1 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#15

Acetone

Concen: 0.139 ppbv

RT: 3.90 min Scan# 345

Delta R.T. 0.04 min

Lab File: VL035739.D

Acq: 30 Sep 2020 00:52

Instrument :

MSVOA_L

ClientSampled :

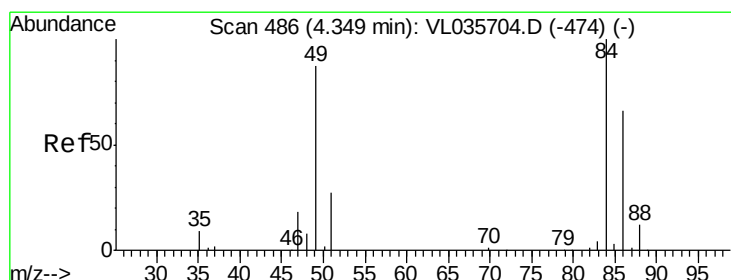
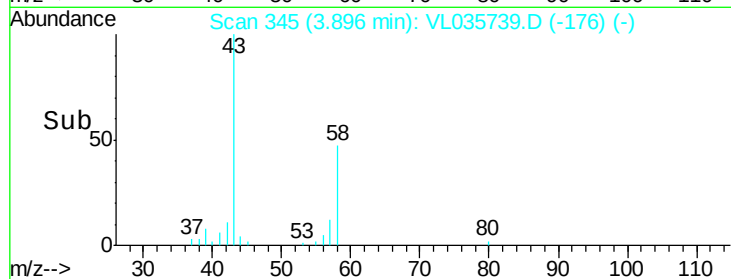
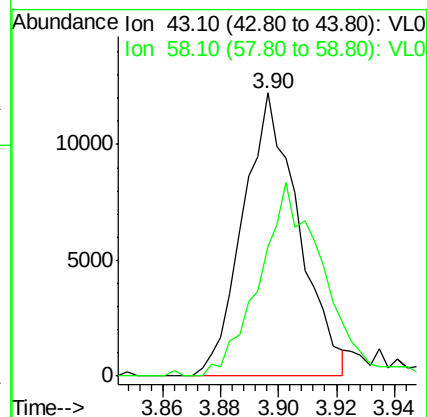
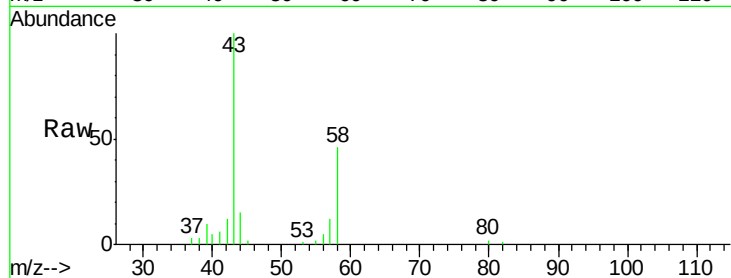
CAN 10590

Tot Ion: 43 Resp: 16223

Ion Ratio Lower Upper

43 100

58 79.6 27.3 40.9#



#20

Methylene Chloride

Concen: 0.716 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.02 min

Lab File: VL035739.D

Acq: 30 Sep 2020 00:52

Tgt Ion: 84 Resp: 61546

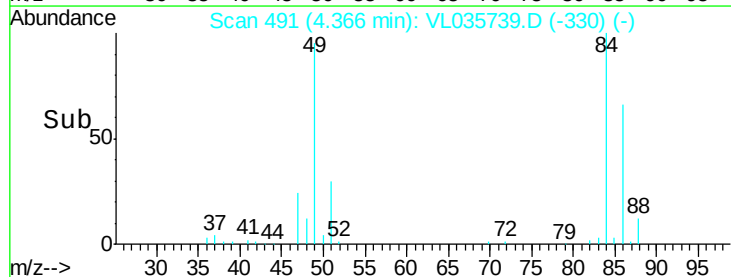
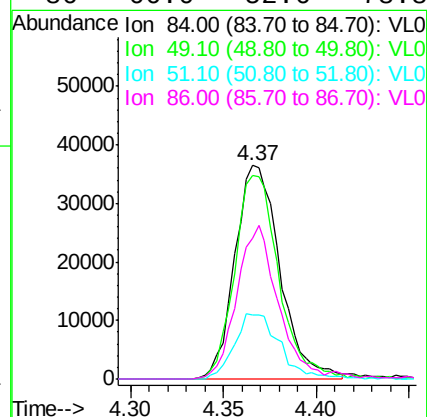
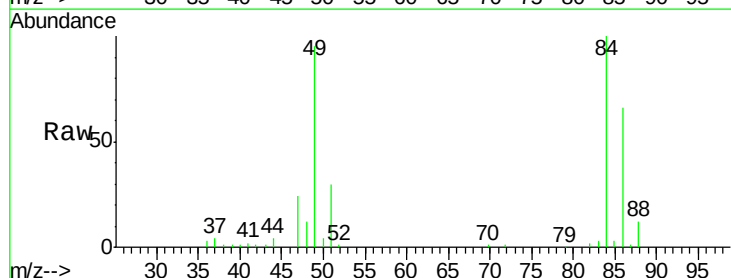
Ion Ratio Lower Upper

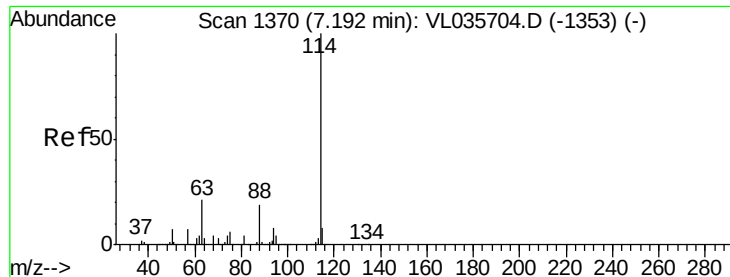
84 100

49 95.3 69.8 104.6

51 30.2 21.8 32.8

86 66.0 52.6 78.8

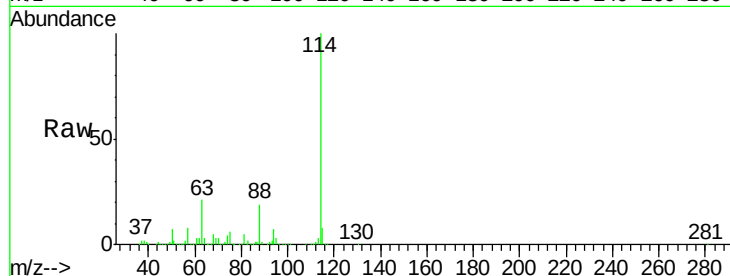




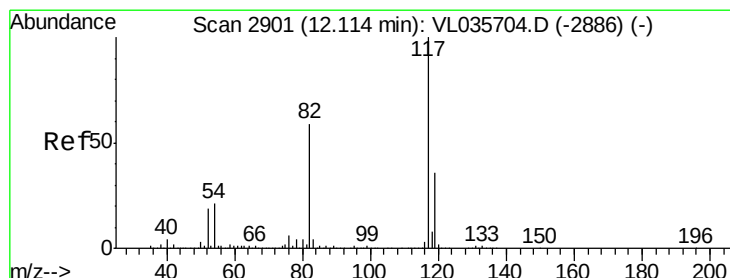
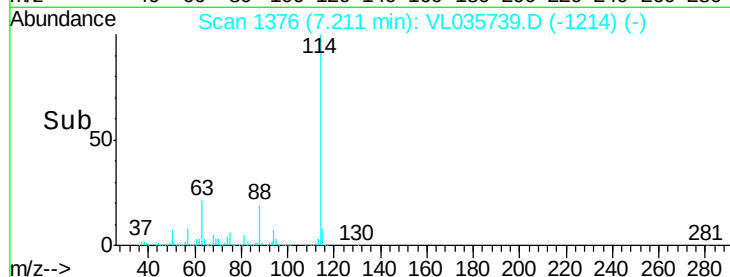
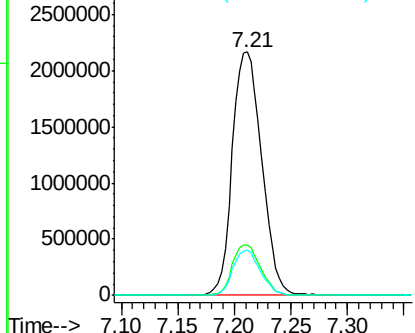
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. 0.02 min
 Lab File: VL035739.D
 Acq: 30 Sep 2020 00:52

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10590

Tot Ion:114 Resp: 3931238
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 17.6 14.1 21.1

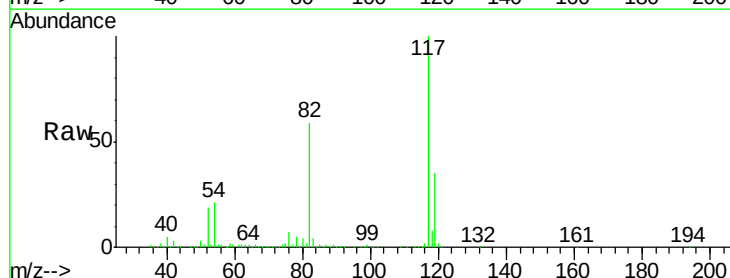


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

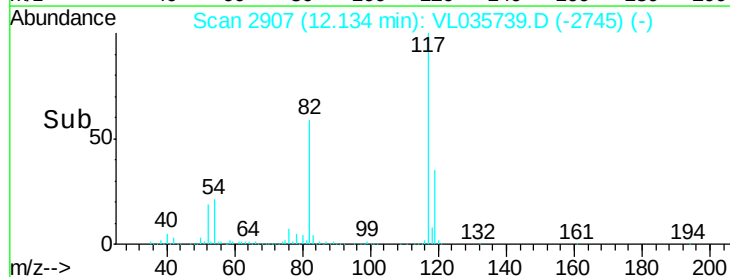
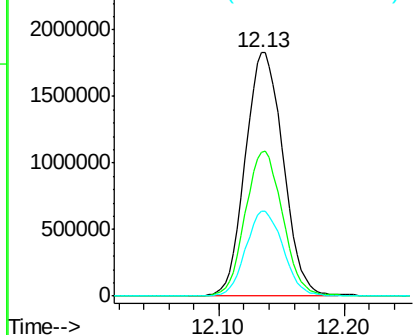


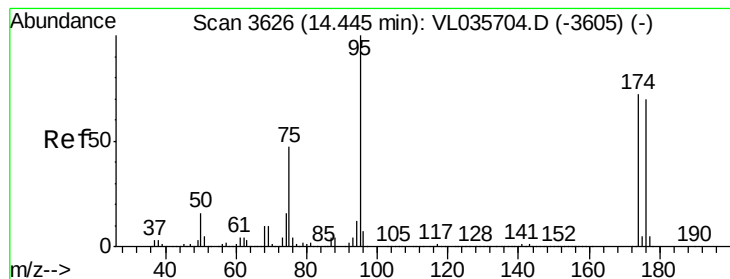
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. 0.02 min
 Lab File: VL035739.D
 Acq: 30 Sep 2020 00:52

Tgt Ion:117 Resp: 3853394
 Ion Ratio Lower Upper
 117 100
 82 59.1 46.1 69.1
 119 34.5 28.0 42.0



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: 10.185 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. 0.02 min

Lab File: VL035739.D

Acq: 30 Sep 2020 00:52

Instrument :

MSVOA_L

ClientSampleId :

CAN 10590

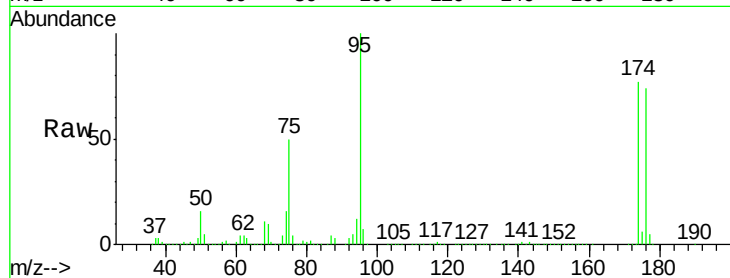
Tot Ion: 95 Resp: 2941045

Ion Ratio Lower Upper

95 100

174 76.7 59.6 89.4

175 5.6 4.2 6.4



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

