

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035950.D
 Acq On : 16 Nov 2020 19:14
 Operator : SY/AP
 Sample : L4722-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-2DL

Quant Time: Nov 17 21:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1258825	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4350900	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4111925	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3050112	10.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

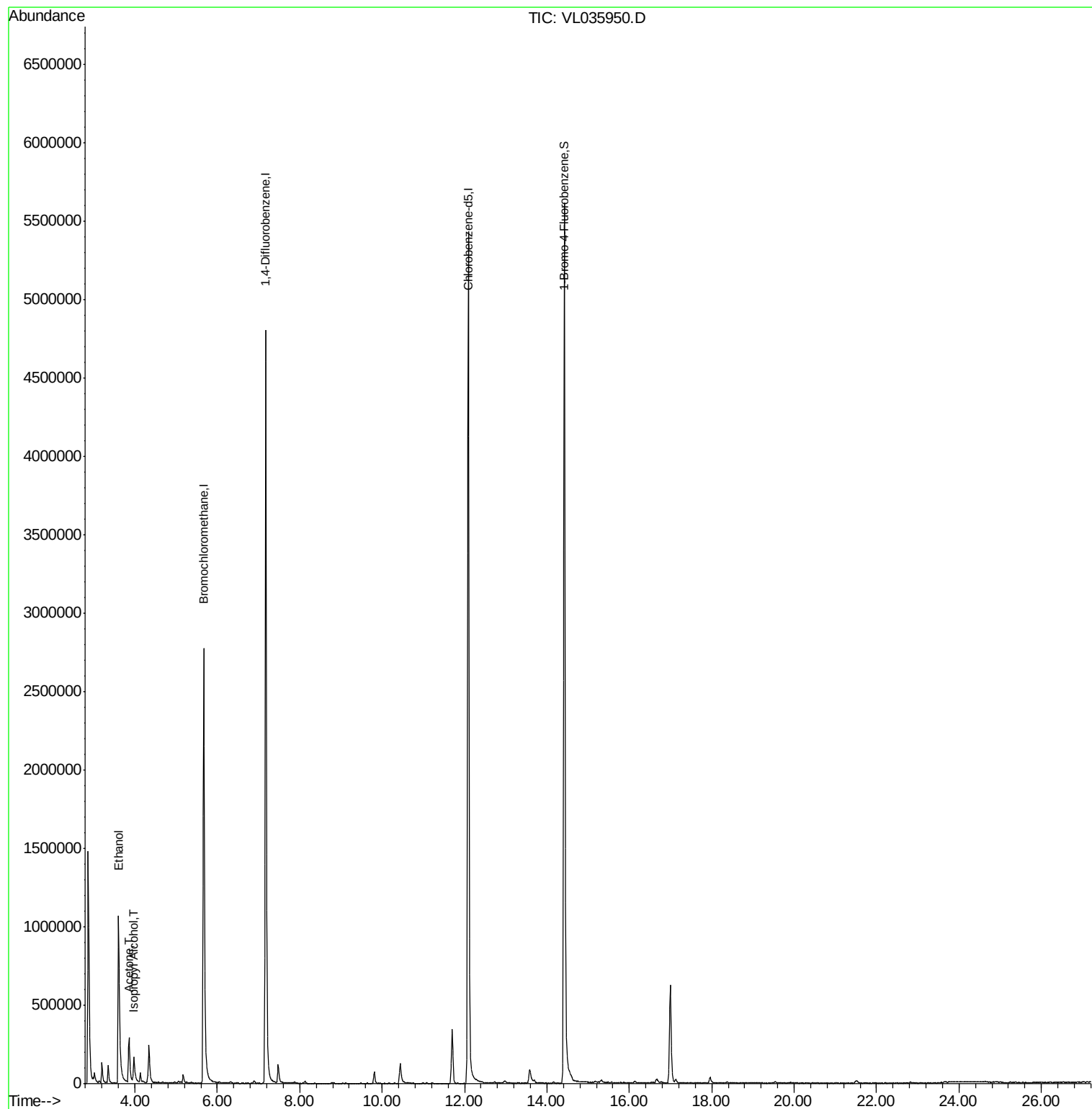
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	1566682	130.883	ppbv	95
15) Acetone	3.85	43	366569	2.724	ppbv	99
19) Isopropyl Alcohol	3.97	45	224705	2.717	ppbv #	89

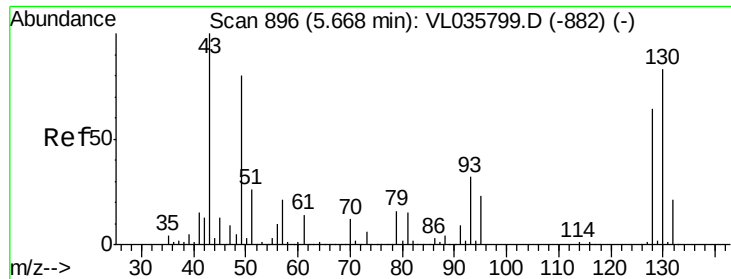
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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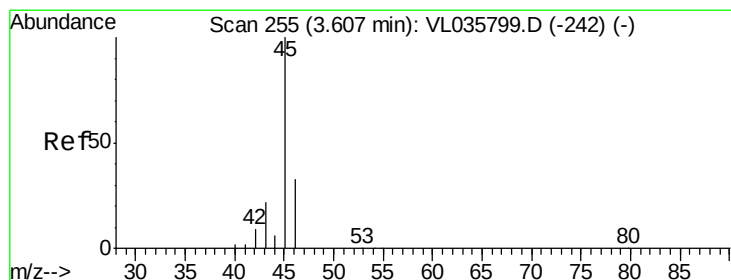
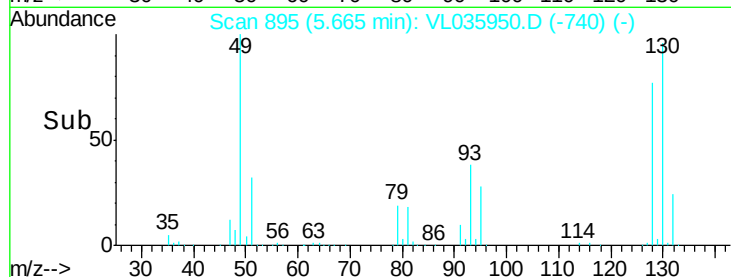
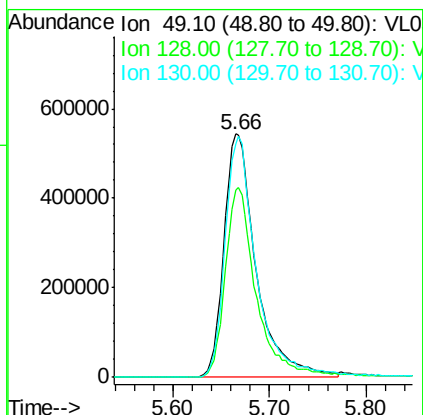
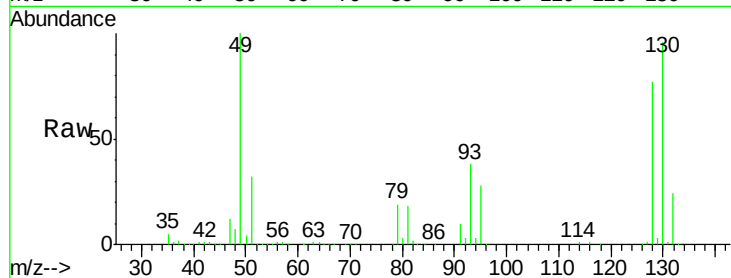




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL035950.D
Acq: 16 Nov 2020 19:14

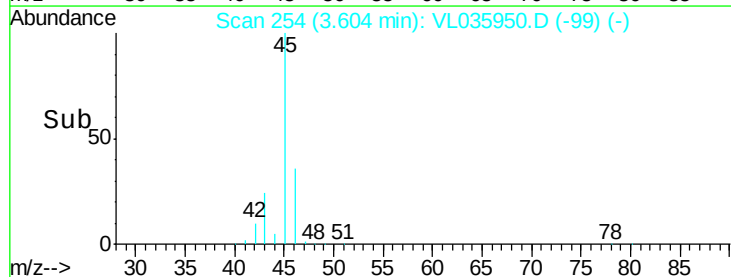
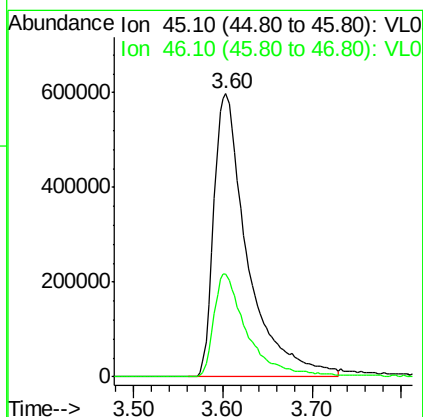
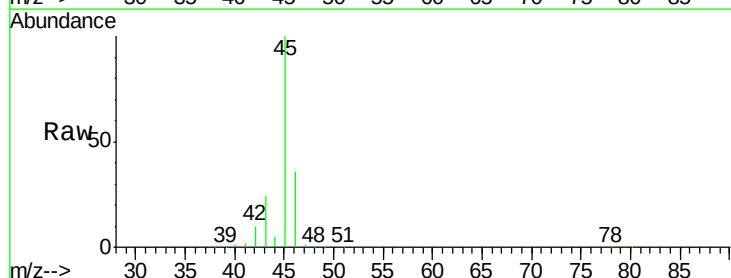
Instrument :
MSVOA_L
ClientSampled :
SR-2DL

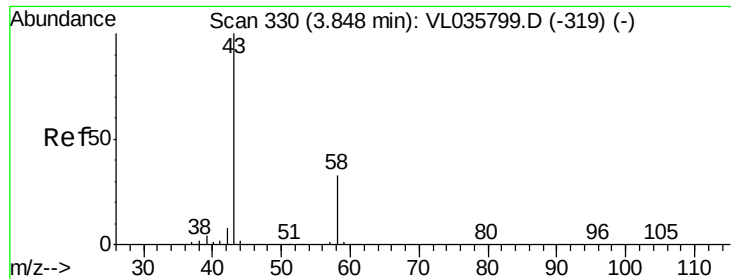
Tot Ion: 49 Resp: 1258825
Ion Ratio Lower Upper
49 100
128 77.1 41.5 124.6
130 99.2 53.7 161.1



#13
Ethanol
Concen: 130.883 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL035950.D
Acq: 16 Nov 2020 19:14

Tgt Ion: 45 Resp: 1566682
Ion Ratio Lower Upper
45 100
46 37.2 16.1 64.5





#15

Acetone

Concen: 2.724 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035950.D

Acq: 16 Nov 2020 19:14

Instrument :

MSVOA_L

ClientSampleId :

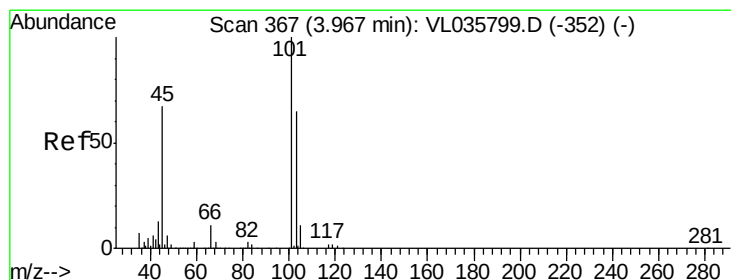
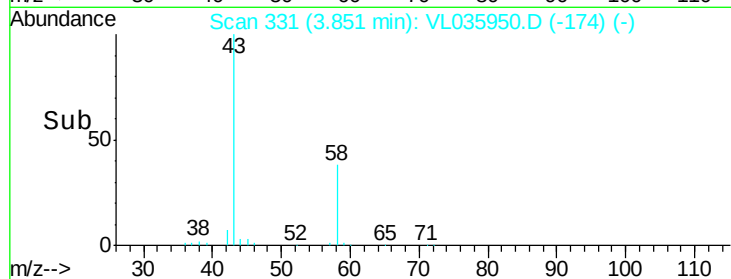
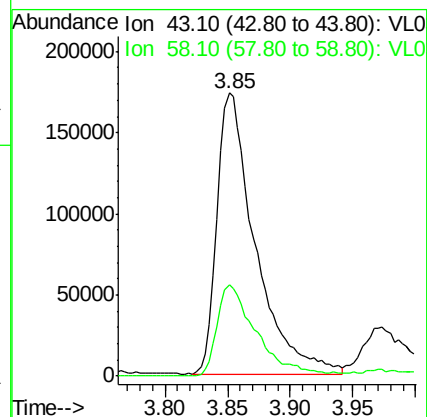
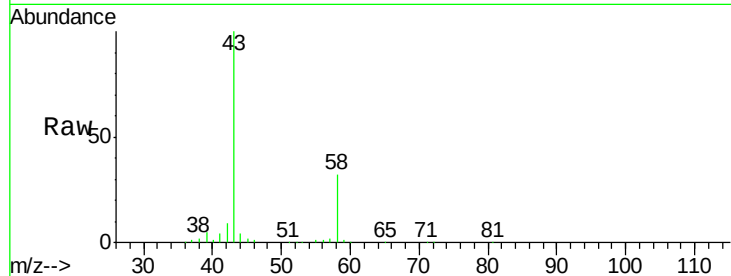
SR-2DL

Tot Ion: 43 Resp: 366569

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3



#19

Isopropyl Alcohol

Concen: 2.717 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL035950.D

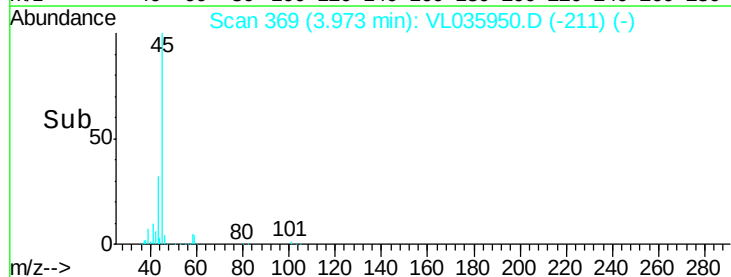
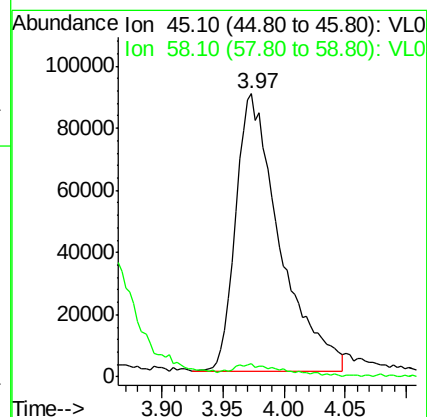
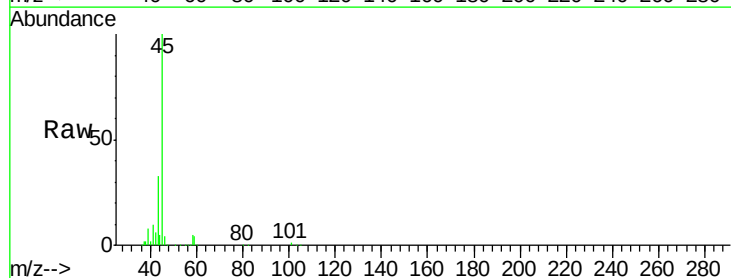
Acq: 16 Nov 2020 19:14

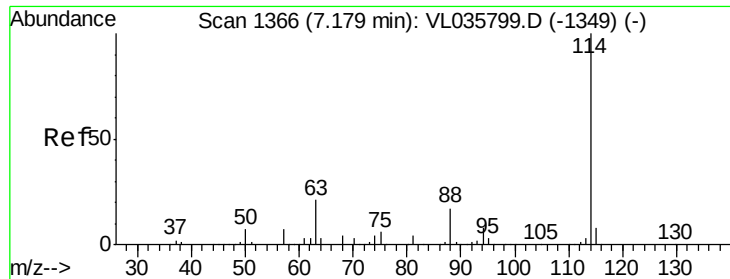
Tgt Ion: 45 Resp: 224705

Ion Ratio Lower Upper

45 100

58 6.8 2.6 3.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL035950.D

Acq: 16 Nov 2020 19:14

Instrument :

MSVOA_L

ClientSampled :

SR-2DL

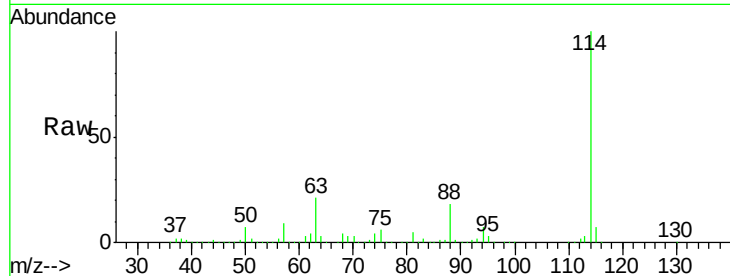
Tot Ion:114 Resp: 4350900

Ion Ratio Lower Upper

114 100

63 21.1 16.1 24.1

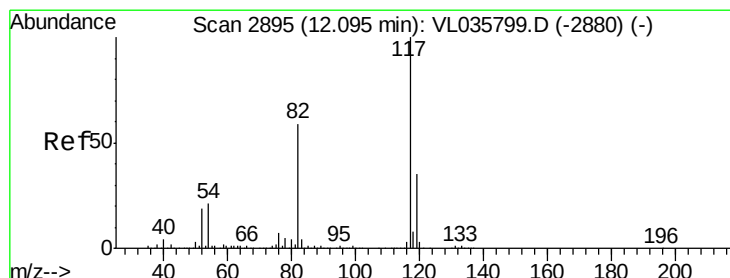
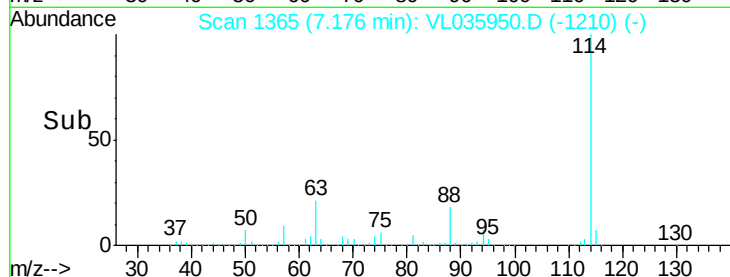
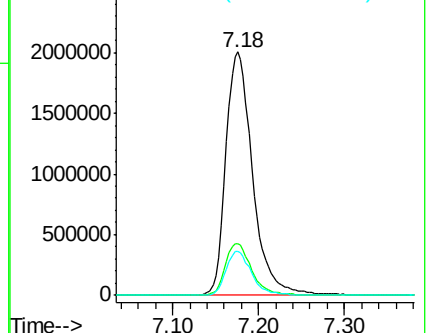
88 17.4 13.7 20.5



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: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL035950.D

Acq: 16 Nov 2020 19:14

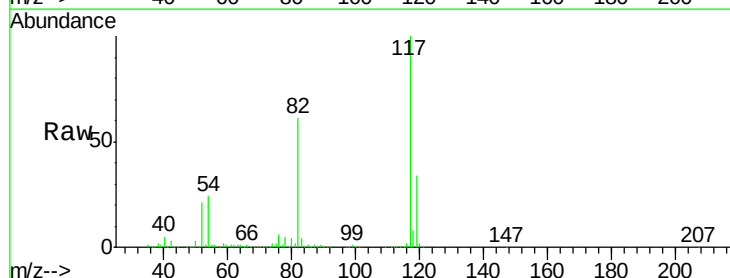
Tgt Ion:117 Resp: 4111925

Ion Ratio Lower Upper

117 100

82 61.3 50.6 76.0

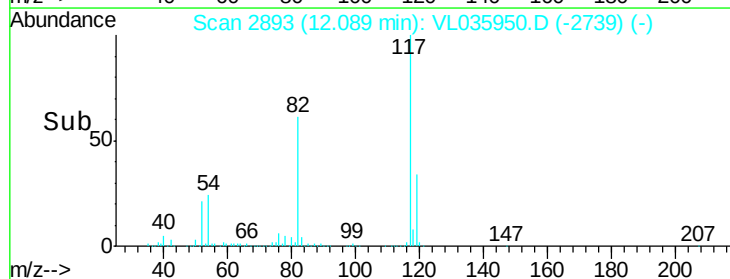
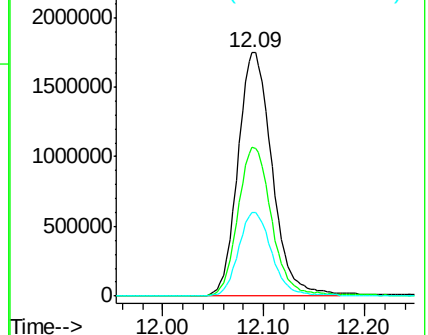
119 34.2 52.6 78.8#

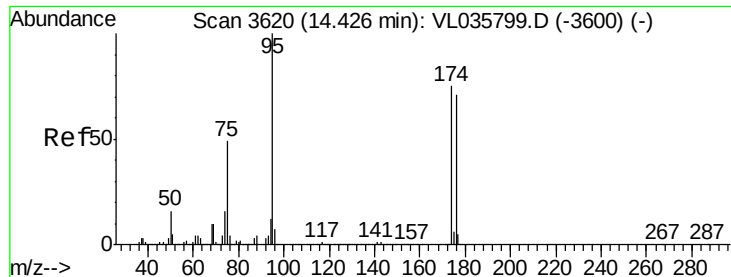


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.440 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL035950.D

Acq: 16 Nov 2020 19:14

Instrument :

MSVOA_L

ClientSampleId :

SR-2DL

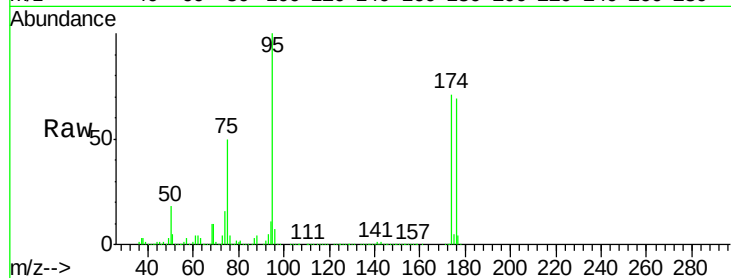
Tot Ion: 95 Resp: 3050112

Ion Ratio Lower Upper

95 100

174 72.5 59.8 89.6

175 5.1 4.3 6.5



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

