

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034402.D
 Acq On : 25 Nov 2019 11:46
 Operator : SY/AP
 Sample : VL1125ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 26 00:42:06 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	5.68	49	955347	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1864345	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1847027	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1569642	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

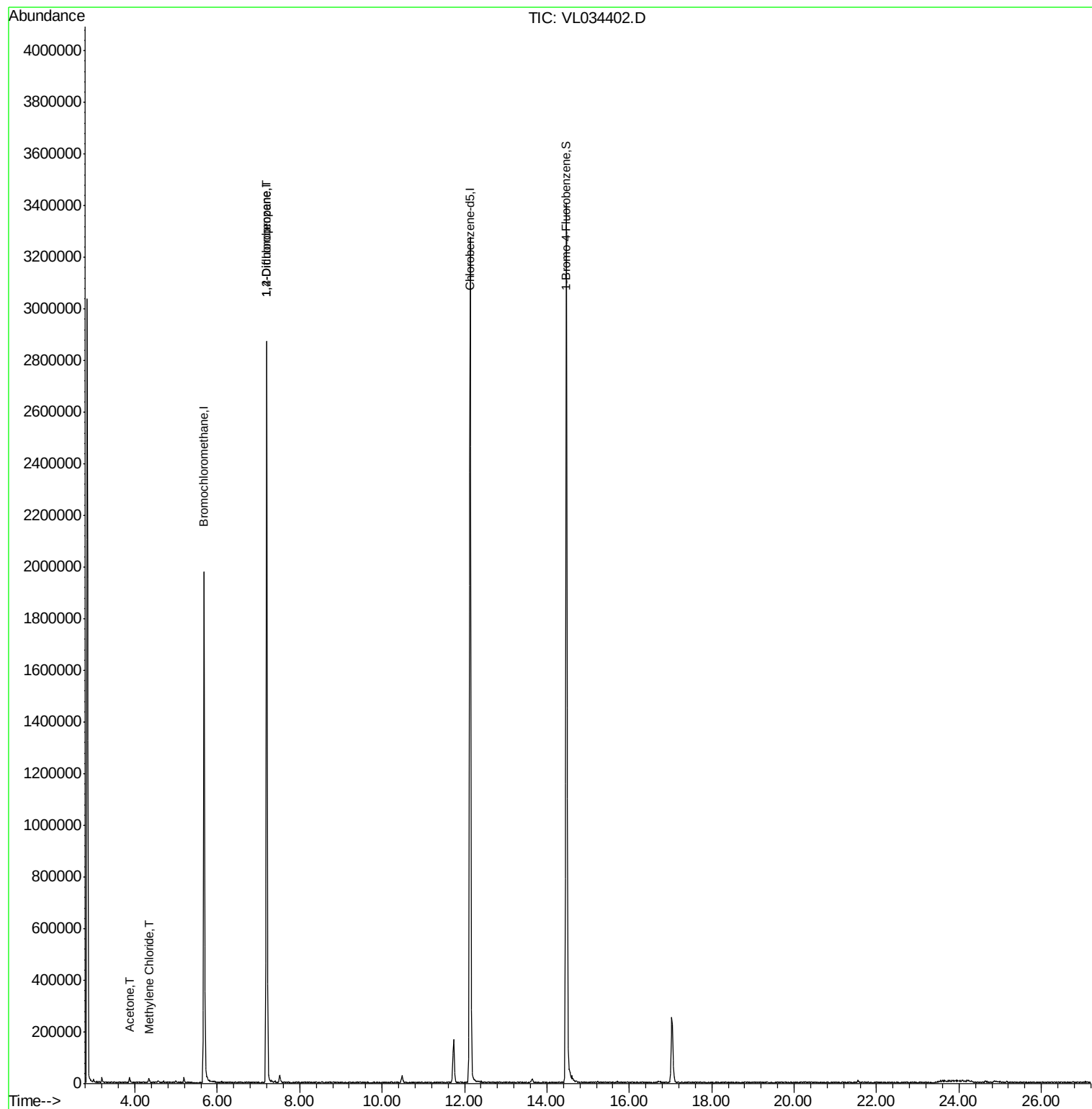
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	17535	0.128	ppbv #	63
20) Methylene Chloride	4.33	84	1995	0.041	ppbv #	43
39) 1,2-Dichloropropane	7.20	63	551461	7.681	ppbv #	22

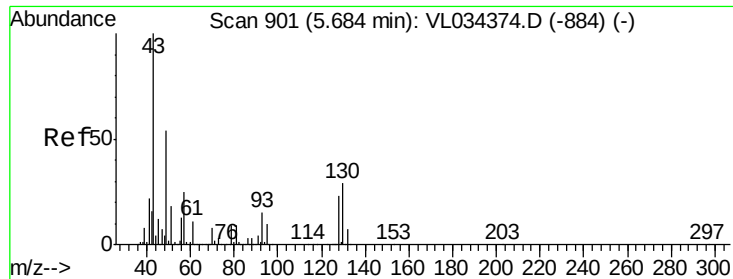
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

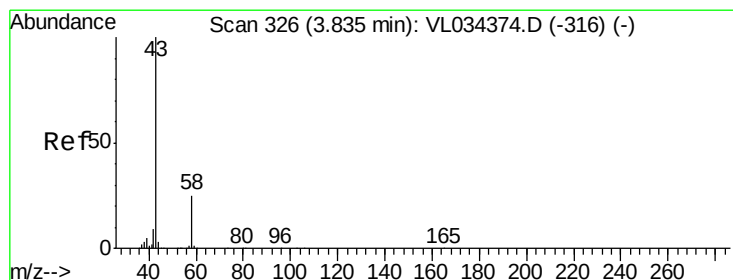
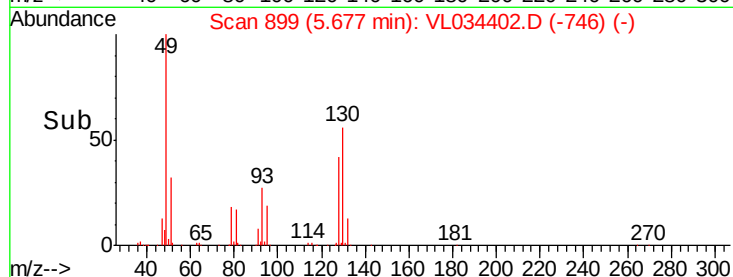
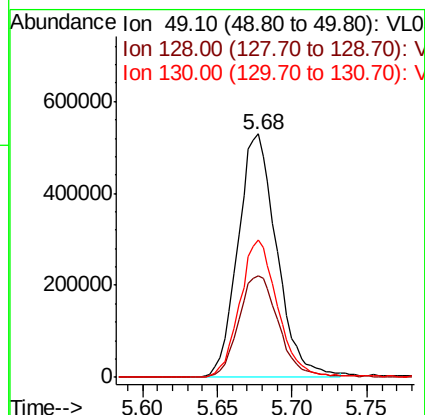
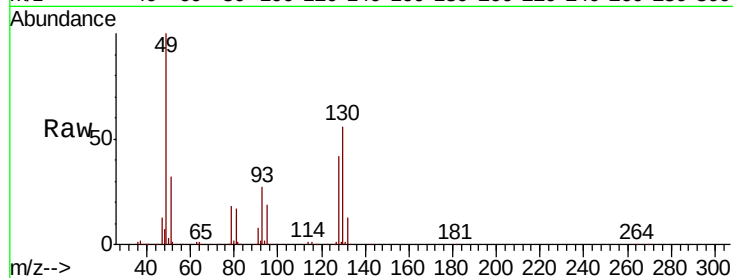
Delta R.T. -0.01 min

Lab File: VL034402.D

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Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	49	Resp:	955347
Ion	Ratio	Lower	Upper
49	100		
128	43.4	21.8	65.3
130	56.0	28.0	84.0



#15

Acetone

Concen: 0.128 ppbv

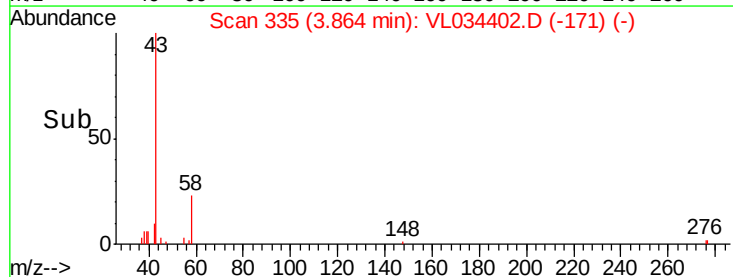
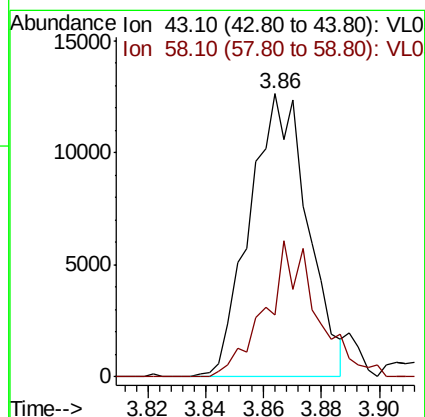
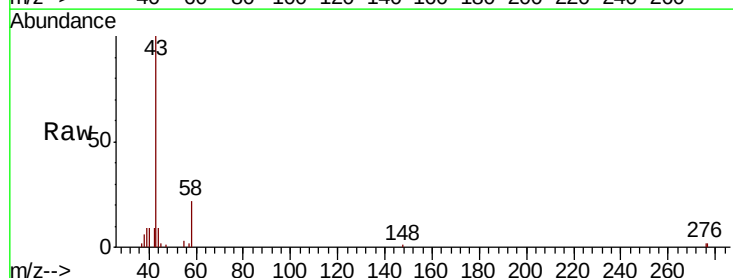
RT: 3.86 min Scan# 335

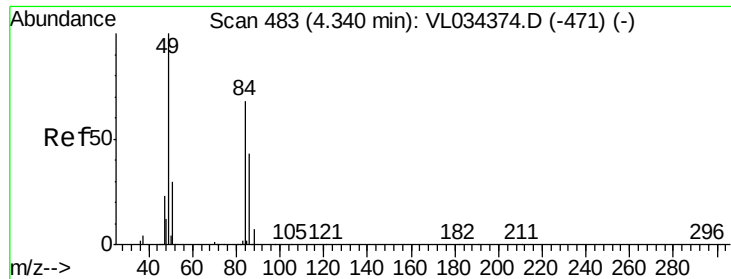
Delta R.T. 0.03 min

Lab File: VL034402.D

Acq: 25 Nov 2019 11:46

Tgt Ion:	43	Resp:	17535
Ion	Ratio	Lower	Upper
43	100		
58	43.8	20.2	30.4#

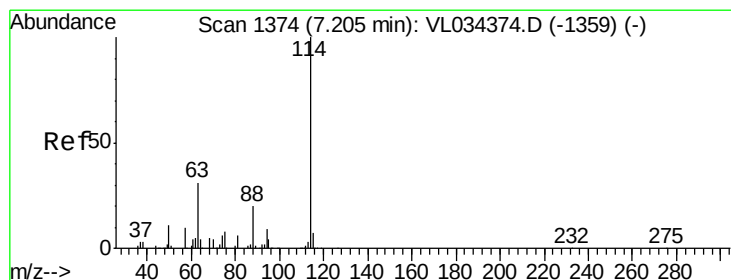
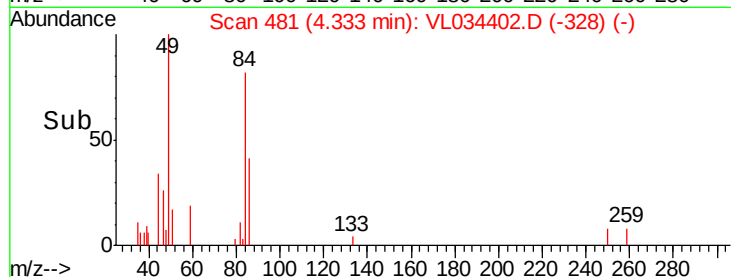
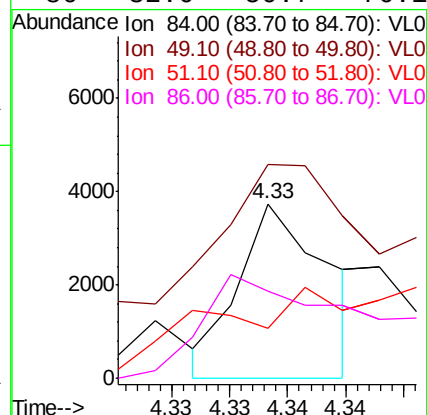
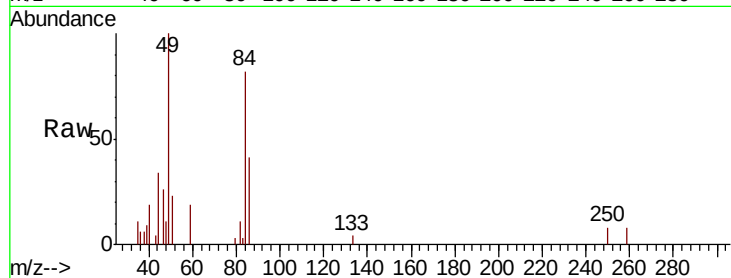




#20
Methylene Chloride
Concen: 0.041 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL034402.D
Acq: 25 Nov 2019 11:46

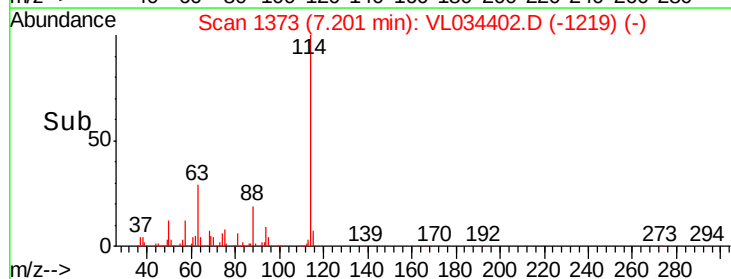
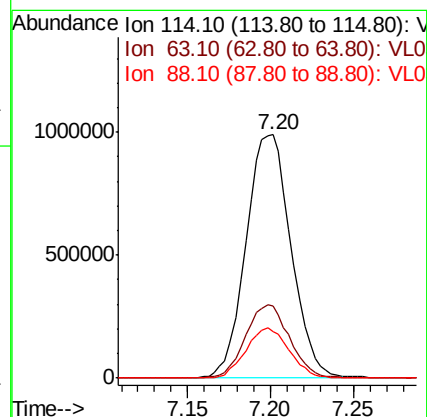
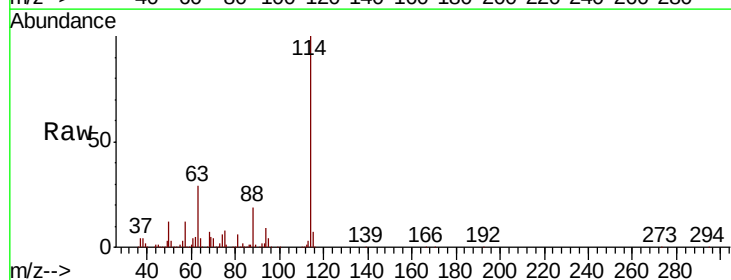
Instrument :
MSVOA_L
ClientSampleId :

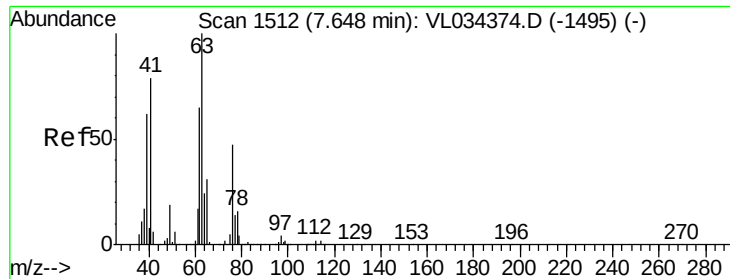
Tot Ion:	84	Resp:	1995
Ion	Ratio	Lower	Upper
84	100		
49	70.0	116.8	175.2#
51	0.0	35.6	53.4#
86	32.0	50.7	76.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.00 min
Lab File: VL034402.D
Acq: 25 Nov 2019 11:46

Tgt Ion:	114	Resp:	1864345
Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.2	36.4
88	20.0	15.9	23.9





#39

1,2-Dichloropropane

Concen: 7.681 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.45 min

Lab File: VL034402.D

Acq: 25 Nov 2019 11:46

Instrument :

MSVOA_L

ClientSampleId :

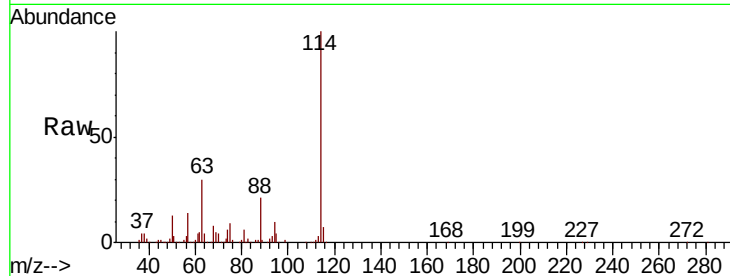
Tot Ion: 63 Resp: 551461

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

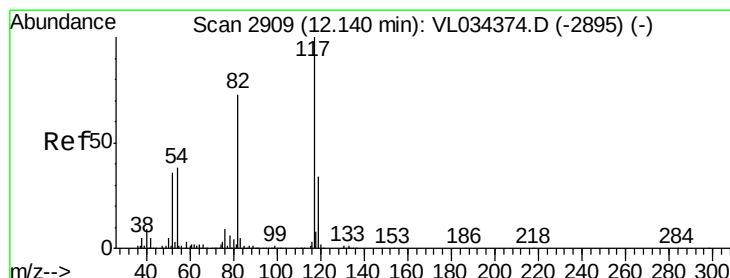
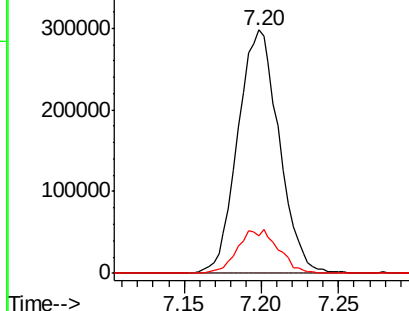
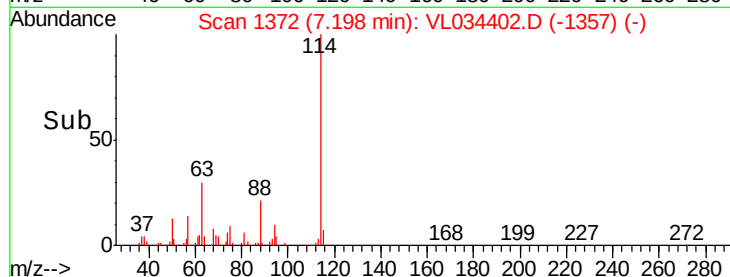
62 15.3 52.3 78.5#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.13 min Scan# 2907

Delta R.T. -0.01 min

Lab File: VL034402.D

Acq: 25 Nov 2019 11:46

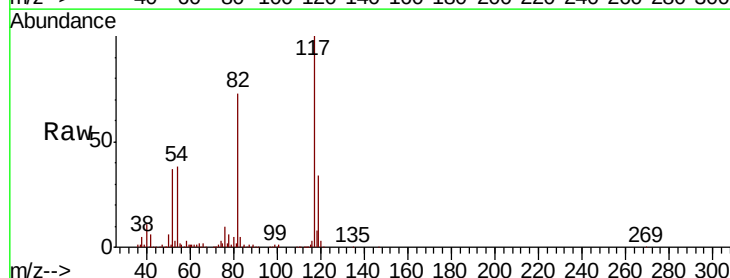
Tgt Ion: 117 Resp: 1847027

Ion Ratio Lower Upper

117 100

82 72.1 57.5 86.3

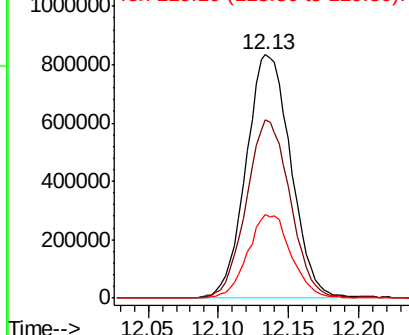
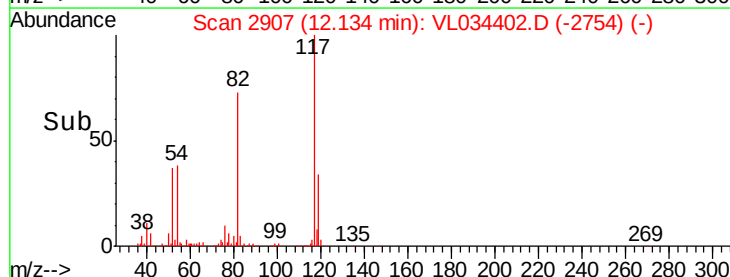
119 33.5 25.4 38.2

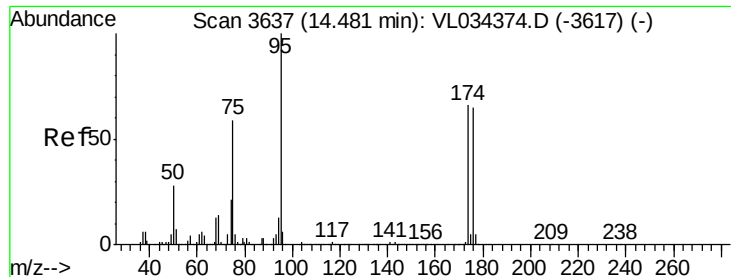


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.102 ppbv

RT: 14.47 min Scan# 3634

Delta R.T. -0.01 min

Lab File: VL034402.D

Acq: 25 Nov 2019 11:46

Instrument :

MSVOA_L

ClientSampleId :

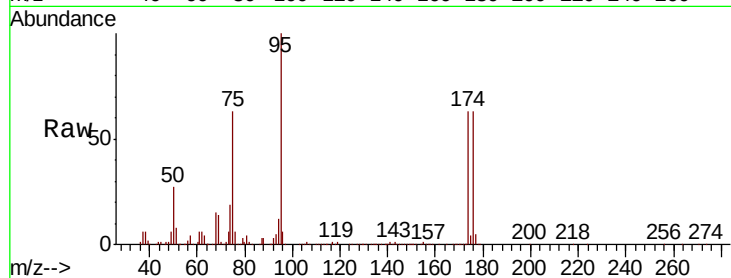
Tot Ion: 95 Resp: 1569642

Ion Ratio Lower Upper

95 100

174 65.5 52.2 78.2

175 4.7 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

