

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034360.D
 Acq On : 25 Oct 2019 11:44
 Operator : SY/AP
 Sample : VL1025ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABL01

Quant Time: Oct 25 23:27:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	915820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1873260	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1848449	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1534412	9.80	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

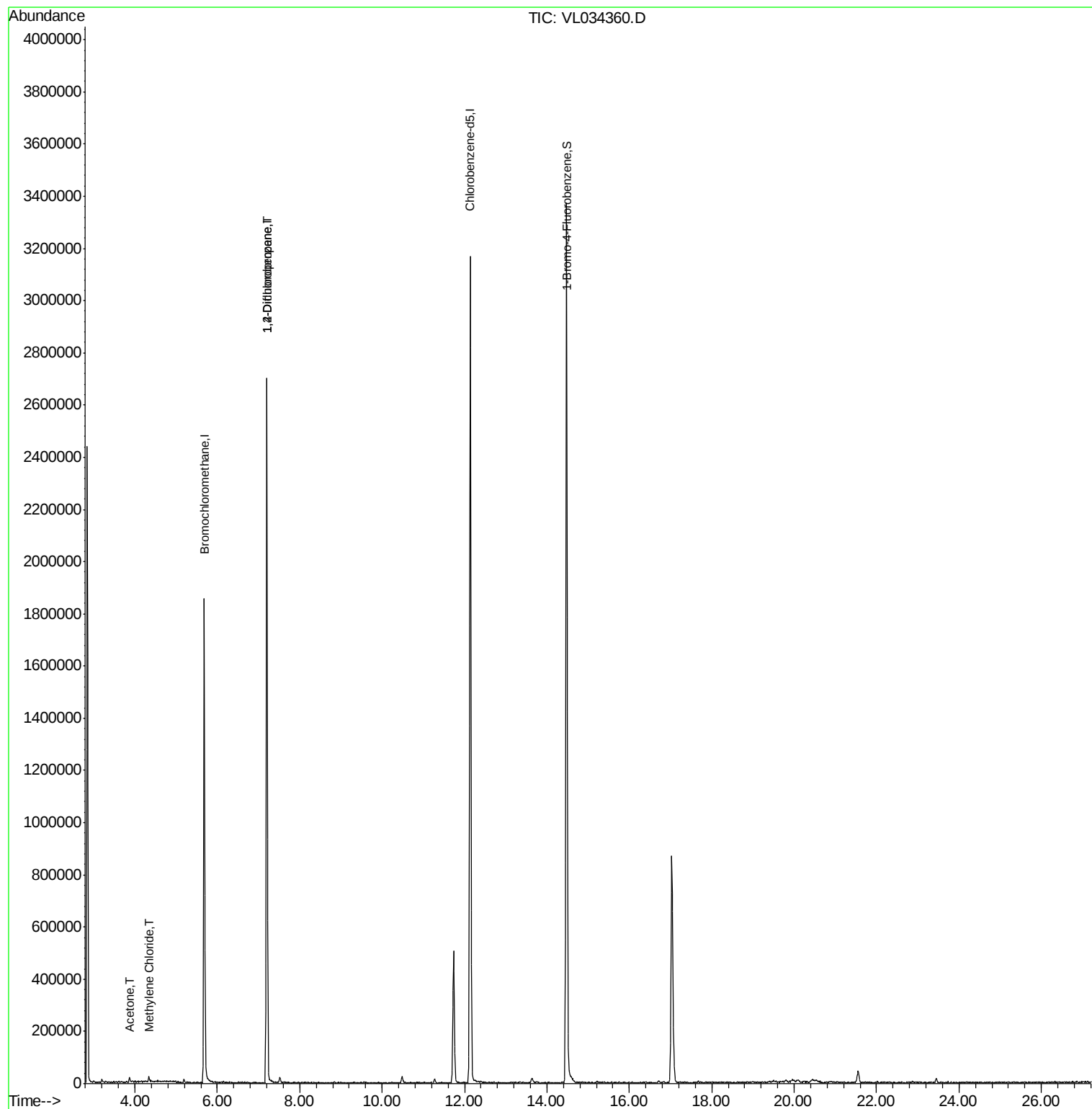
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	16016	0.122	ppbv #	58
20) Methylene Chloride	4.33	84	1831	0.039	ppbv	93
39) 1,2-Dichloropropane	7.20	63	538084	6.953	ppbv #	22

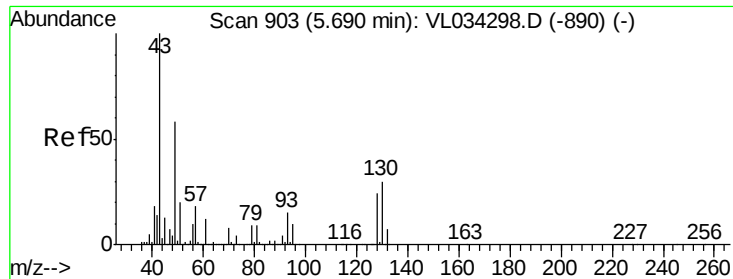
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034360.D

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MSVOA_L

ClientSampleId :

VL1025ABL01

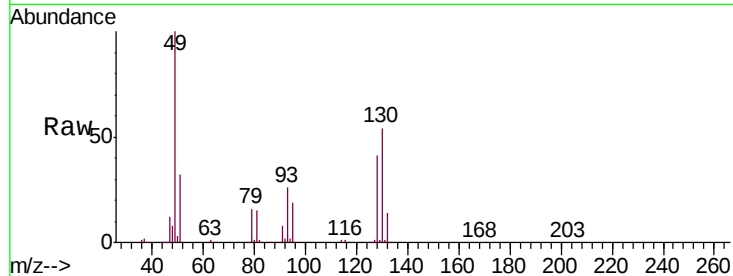
Tgt Ion: 49 Resp: 915820

Ion Ratio Lower Upper

49 100

128 43.2 20.6 61.8

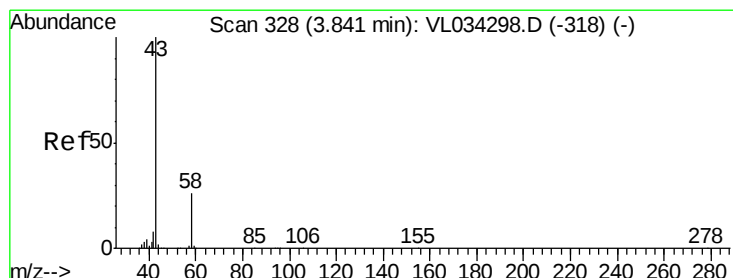
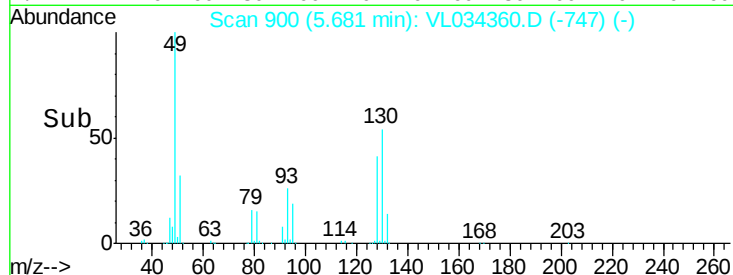
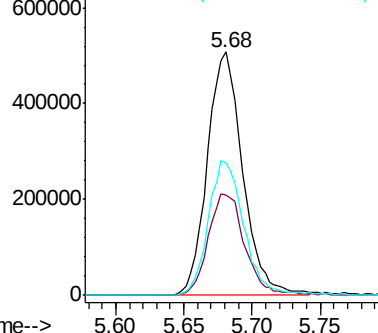
130 55.9 26.2 78.5



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



#15

Acetone

Concen: 0.122 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL034360.D

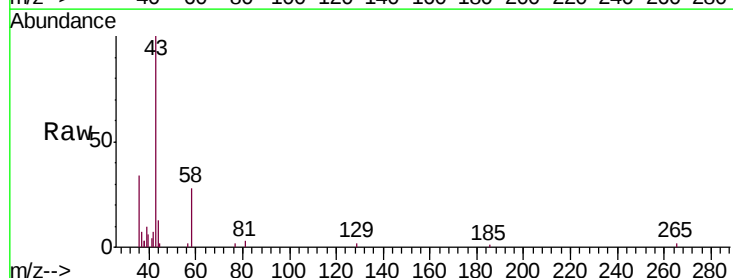
Acq: 25 Oct 2019 11:44

Tgt Ion: 43 Resp: 16016

Ion Ratio Lower Upper

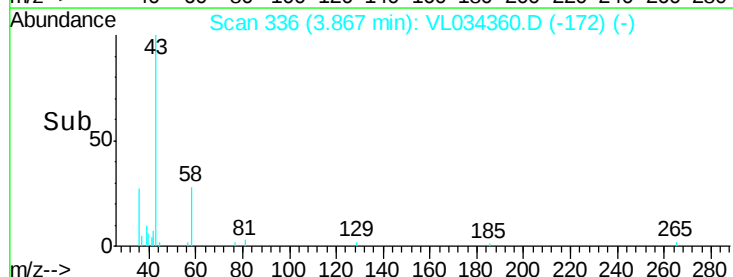
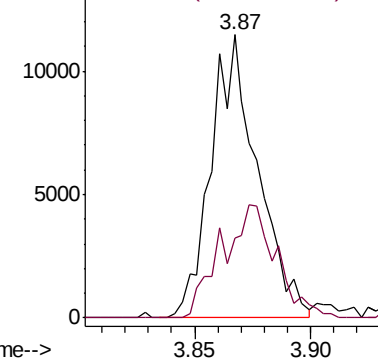
43 100

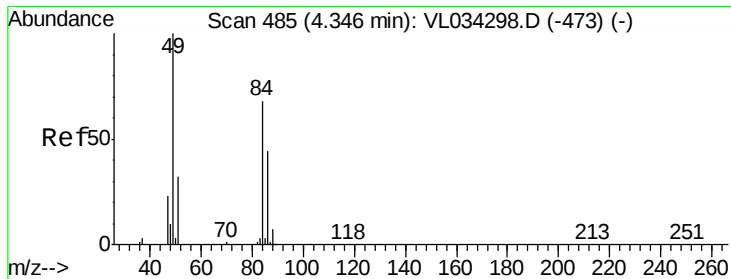
58 46.9 20.4 30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.039 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

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Acq: 25 Oct 2019 11:44

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABL01

Tgt Ion: 84 Resp: 1831

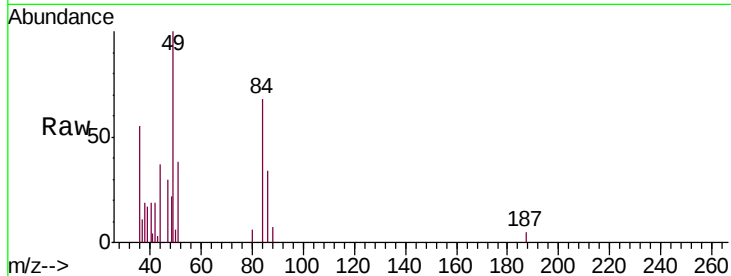
Ion Ratio Lower Upper

84 100

49 144.2 118.5 177.7

51 56.9 38.8 58.2

86 56.4 51.7 77.5

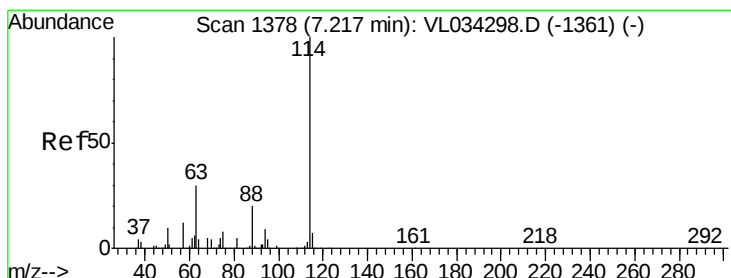
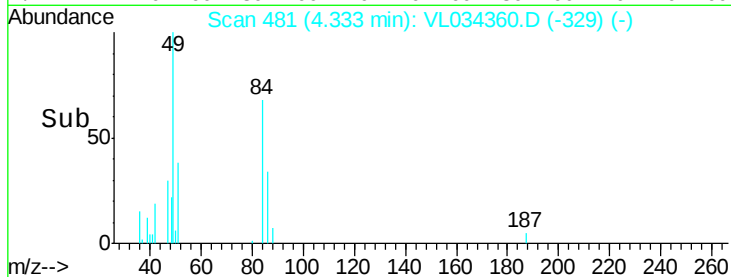
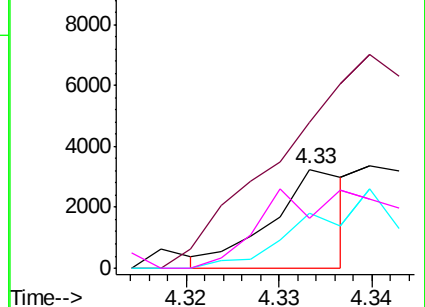


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.02 min

Lab File: VL034360.D

Acq: 25 Oct 2019 11:44

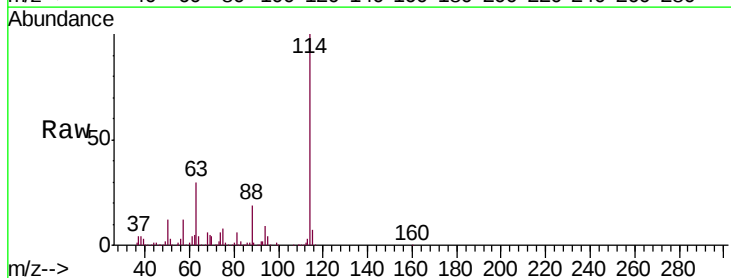
Tgt Ion: 114 Resp: 1873260

Ion Ratio Lower Upper

114 100

63 28.8 25.2 37.8

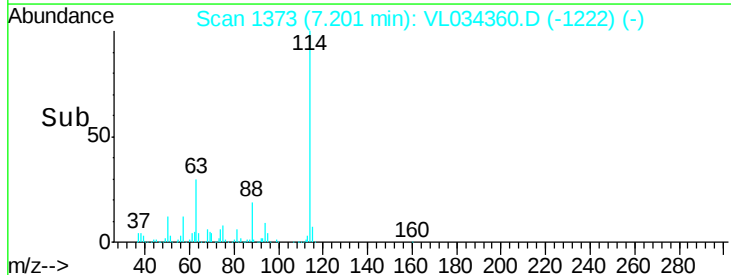
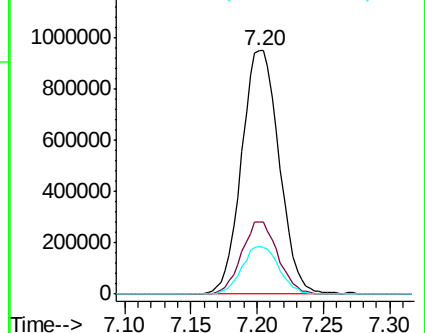
88 19.4 16.0 24.0

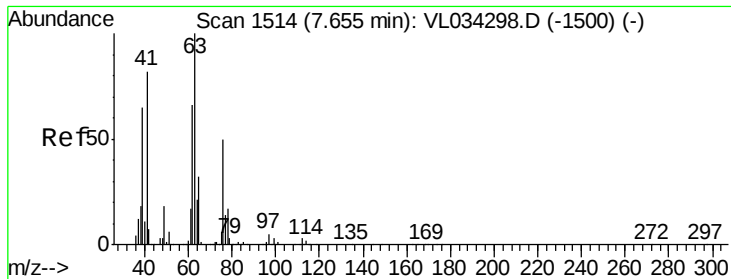


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

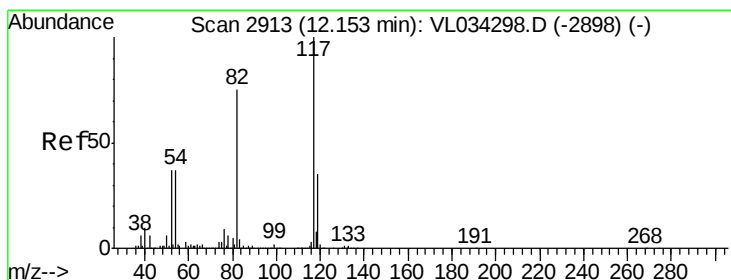
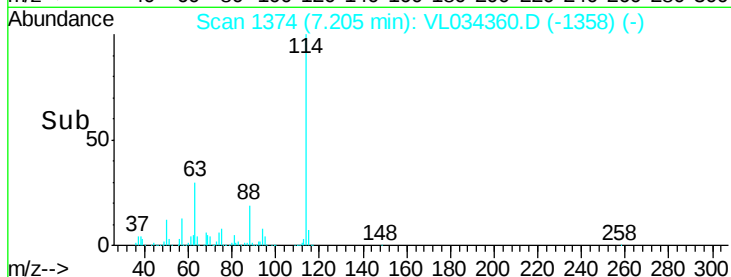
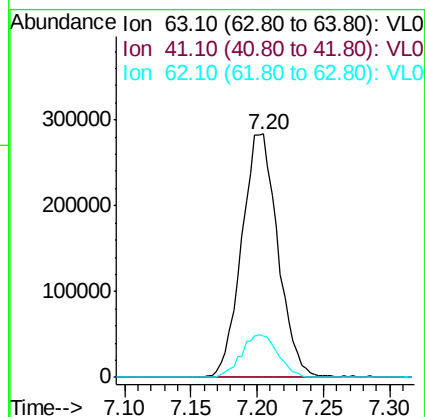
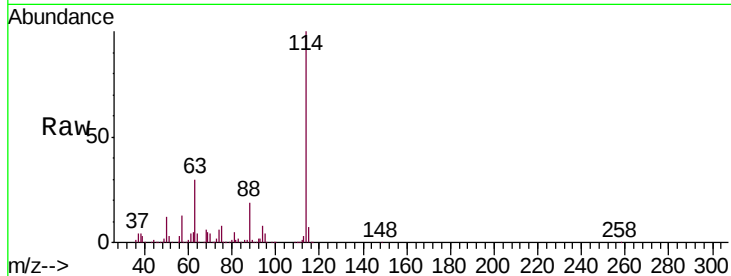




#39
 1,2-Dichloropropane
 Concen: 6.953 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034360.D
 Acq: 25 Oct 2019 11:44

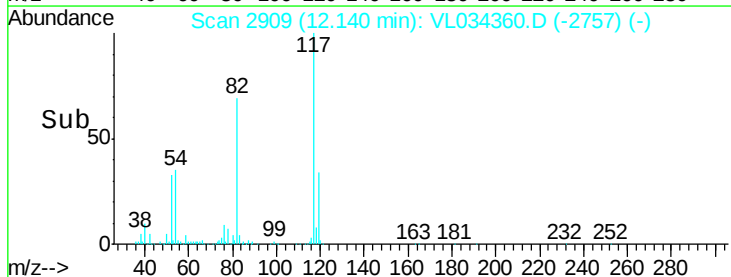
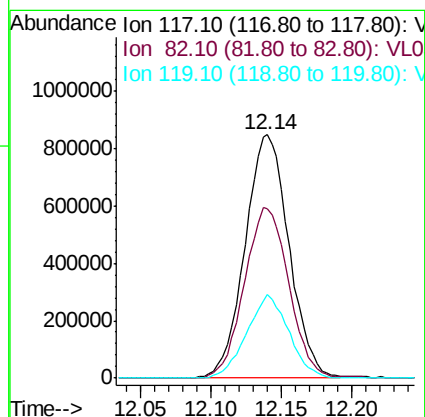
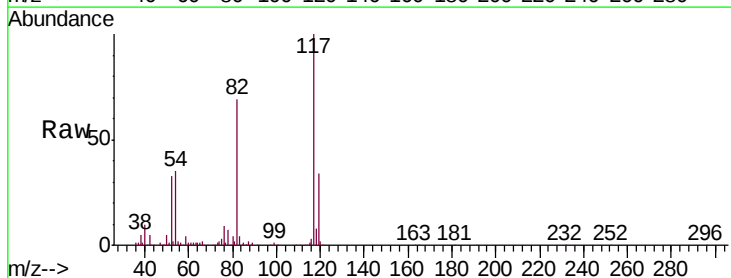
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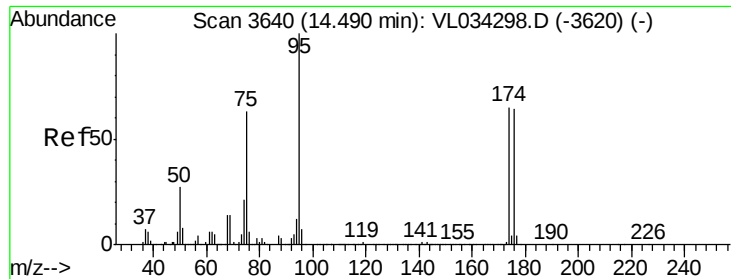
Tgt Ion: 63 Resp: 538084
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 16.9 53.0 79.6#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.14 min Scan# 2909
 Delta R.T. -0.01 min
 Lab File: VL034360.D
 Acq: 25 Oct 2019 11:44

Tgt Ion: 117 Resp: 1848449
 Ion Ratio Lower Upper
 117 100
 82 71.1 55.5 83.3
 119 33.1 26.5 39.7





#68

1-Bromo-4-Fluorobenzene

Concen: 9.801 ppbv

RT: 14.48 min Scan# 3636

Delta R.T. -0.01 min

Lab File: VL034360.D

Acq: 25 Oct 2019 11:44

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABL01

Tgt Ion: 95 Resp: 1534412

Ion Ratio Lower Upper

95 100

174 66.5 52.6 78.8

175 5.1 3.8 5.6

