

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032119\
 Data File : VL033424.D
 Acq On : 21 Mar 2019 20:36
 Operator : SY/AP
 Sample : OC032019 CAN 10297
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 22 08:46:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	879274	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2021701	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1885851	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1481827	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

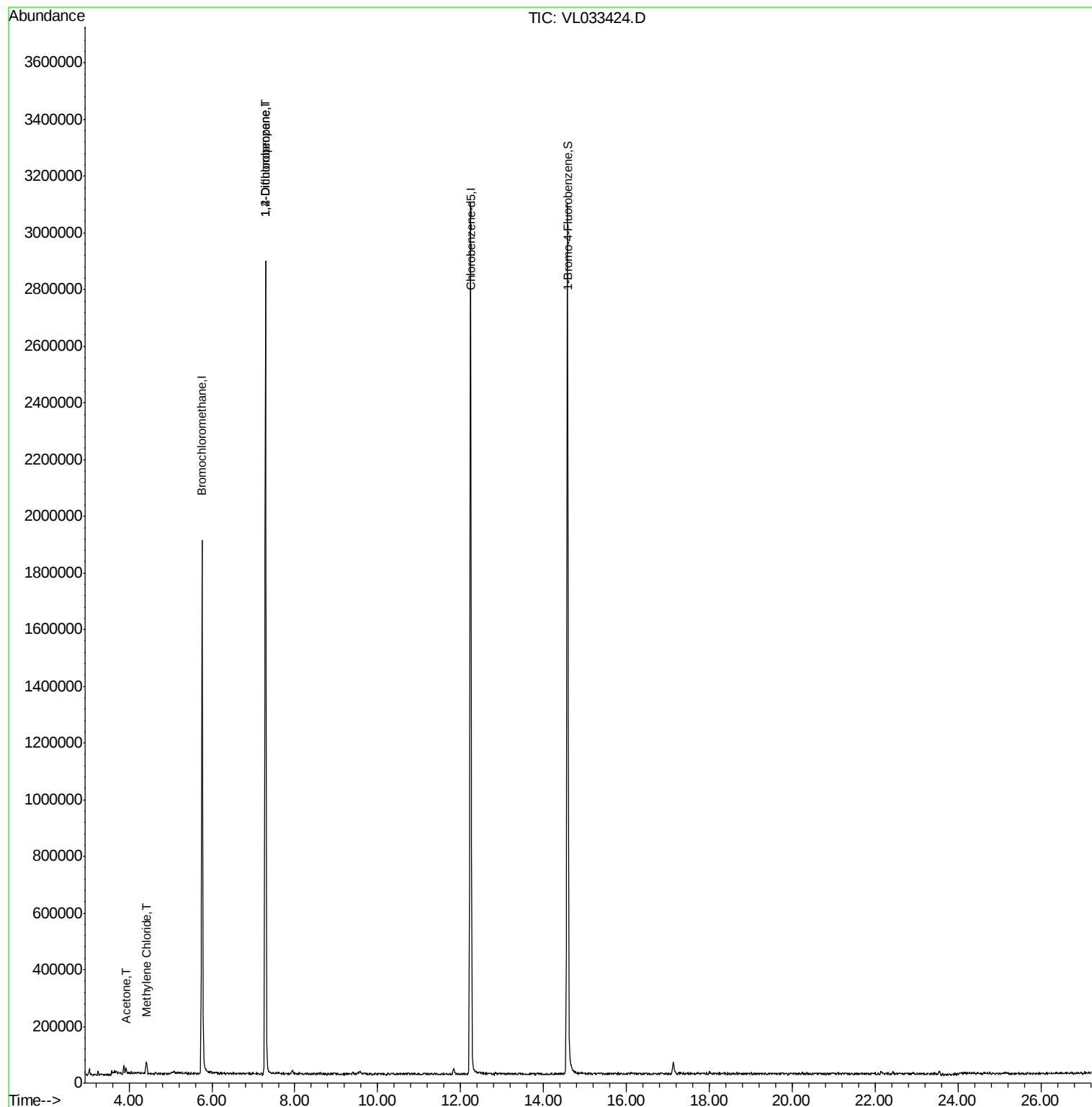
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.92	43	19967	0.146	ppbv #	84
20) Methylene Chloride	4.41	84	11624	0.261	ppbv #	86
39) 1,2-Dichloropropane	7.29	63	537068	7.926	ppbv #	23

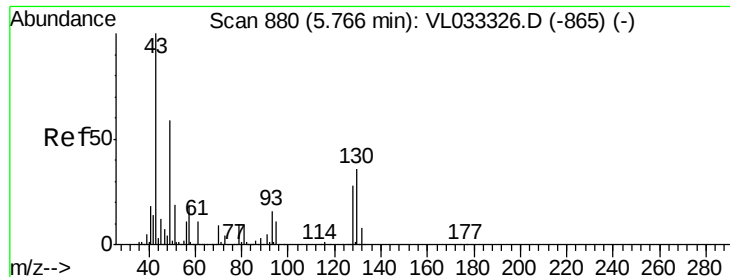
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033424.D

Acq: 21 Mar 2019 20:36

Instrument :

MSVOA_L

ClientSampleId :

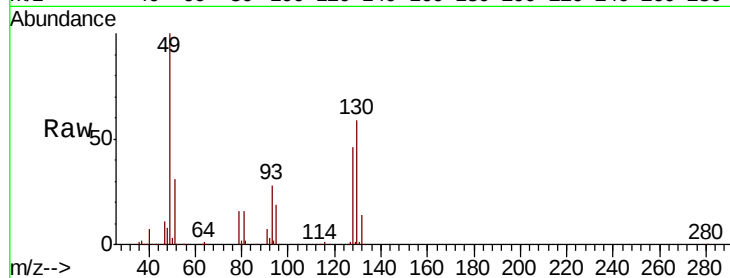
Tot Ion: 49 Resp: 879274

Ion Ratio Lower Upper

49 100

128 49.1 23.5 70.6

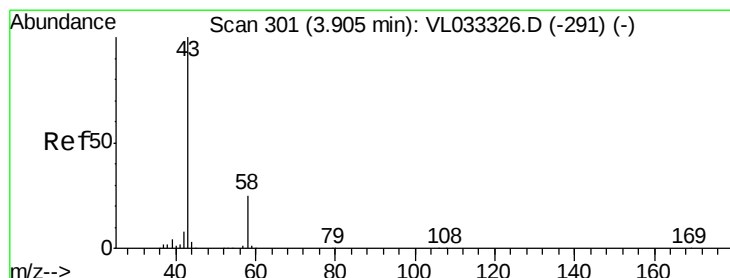
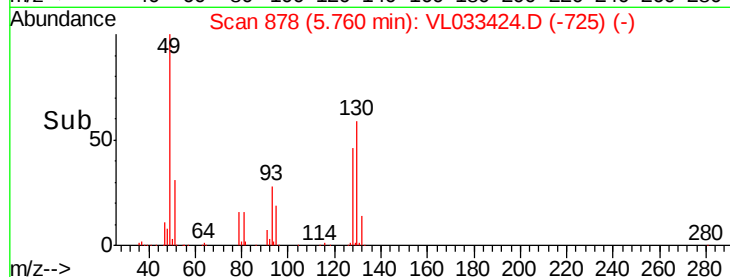
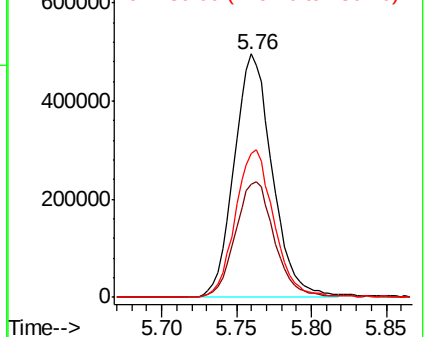
130 61.9 30.1 90.3



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: 0.146 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033424.D

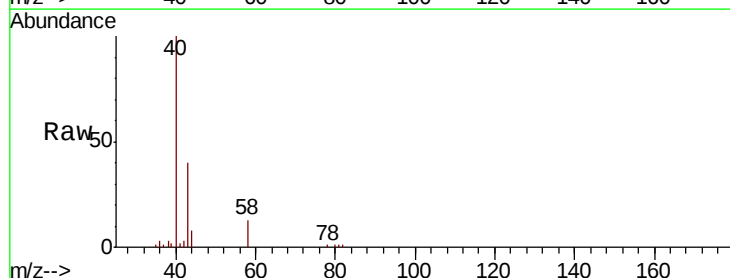
Acq: 21 Mar 2019 20:36

Tgt Ion: 43 Resp: 19967

Ion Ratio Lower Upper

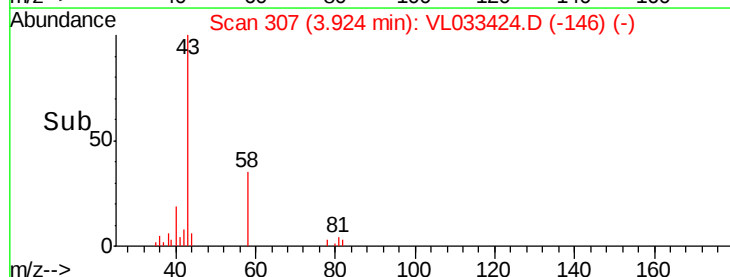
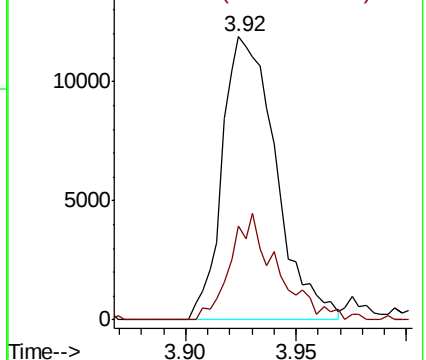
43 100

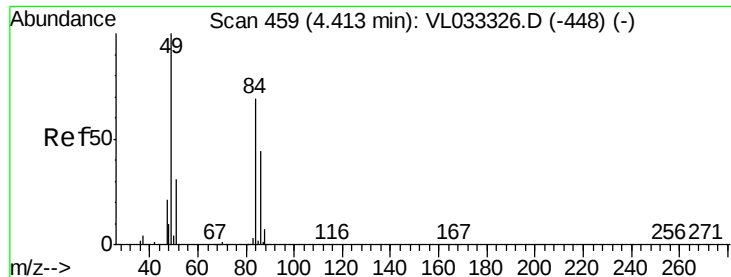
58 33.5 20.4 30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

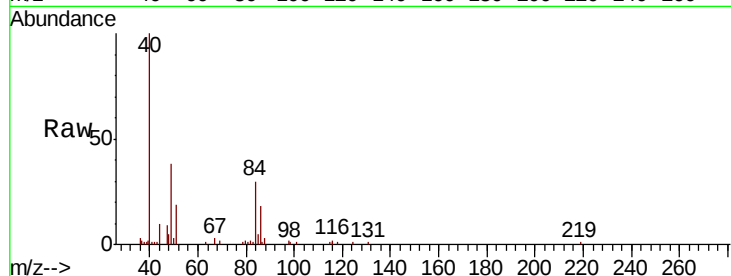




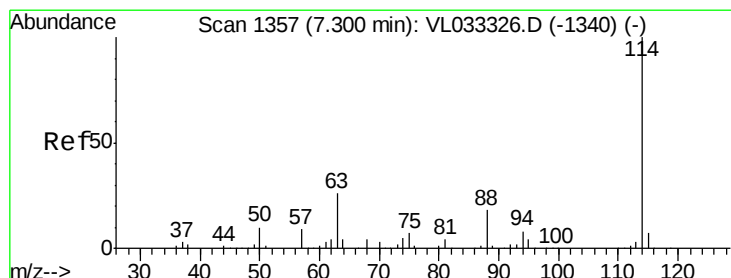
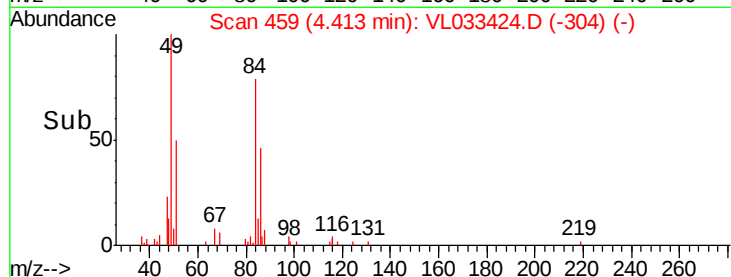
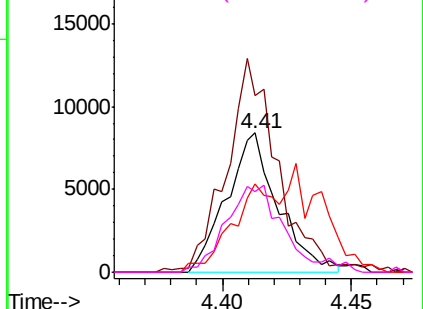
#20
Methylene Chloride
Concen: 0.261 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL033424.D
Acq: 21 Mar 2019 20:36

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 11624
Ion Ratio Lower Upper
84 100
49 123.3 115.4 173.0
51 57.1 35.8 53.6#
86 58.9 50.6 75.8

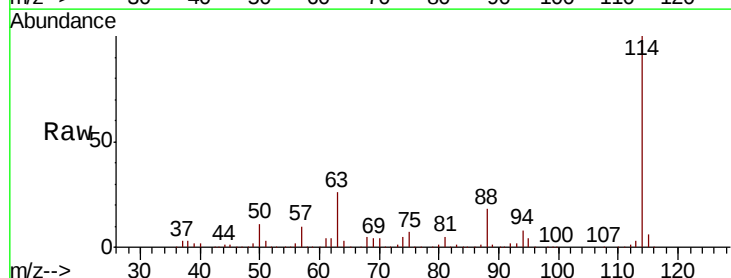


Abundance Ion 84.00 (83.70 to 84.70): VL0
20000 Ion 49.10 (48.80 to 49.80): VL0
15000 Ion 51.10 (50.80 to 51.80): VL0
10000 Ion 86.00 (85.70 to 86.70): VL0
5000
0

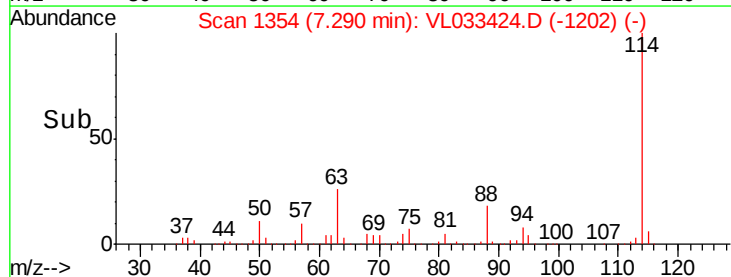
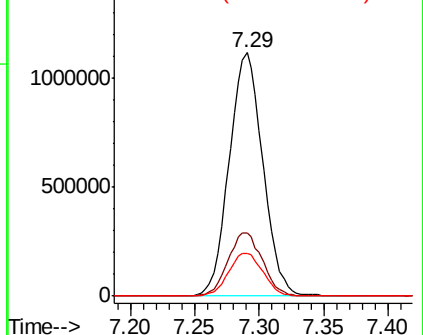


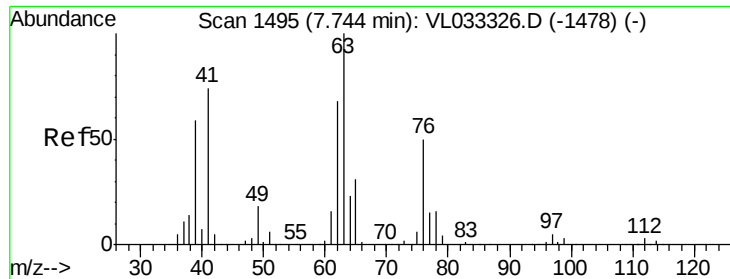
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033424.D
Acq: 21 Mar 2019 20:36

Tgt Ion: 114 Resp: 2021701
Ion Ratio Lower Upper
114 100
63 26.7 21.4 32.2
88 18.1 14.5 21.7



Abundance Ion 114.10 (113.80 to 114.80): V
1500000 Ion 63.10 (62.80 to 63.80): VL0
1000000 Ion 88.10 (87.80 to 88.80): VL0
500000
0

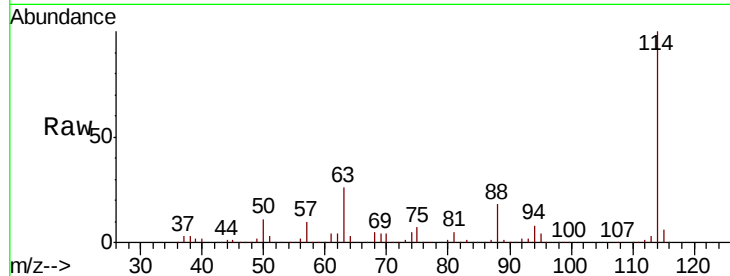




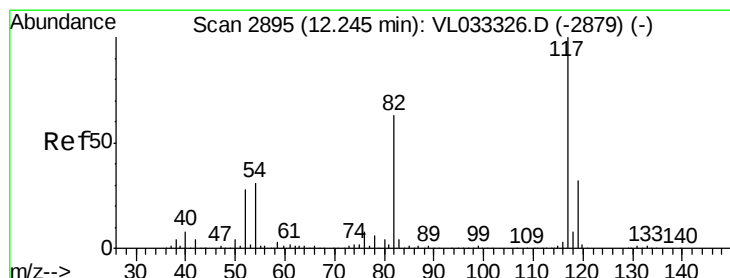
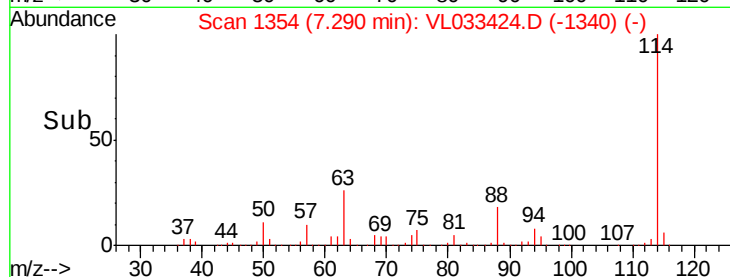
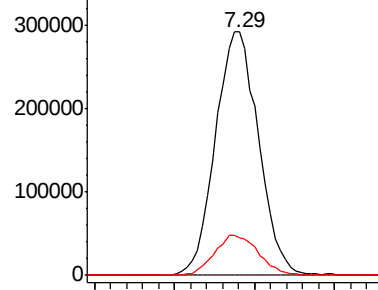
#39
 1,2-Dichloropropane
 Concen: 7.926 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033424.D
 Acq: 21 Mar 2019 20:36

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 537068
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.5 89.3#
 62 15.4 54.7 82.1#

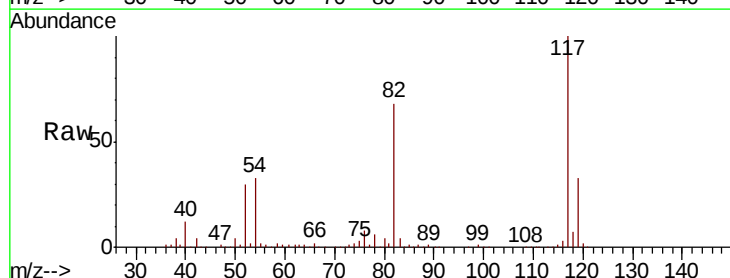


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

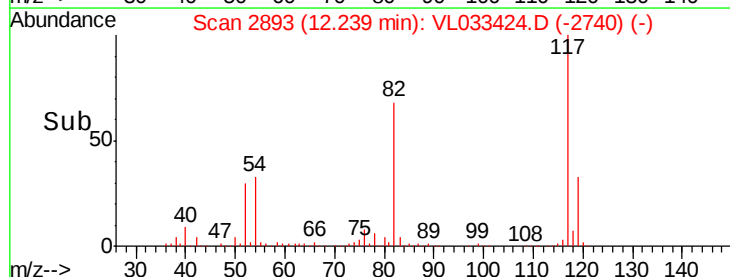
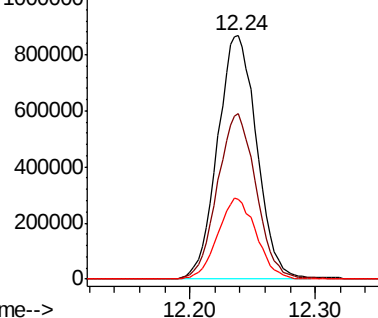


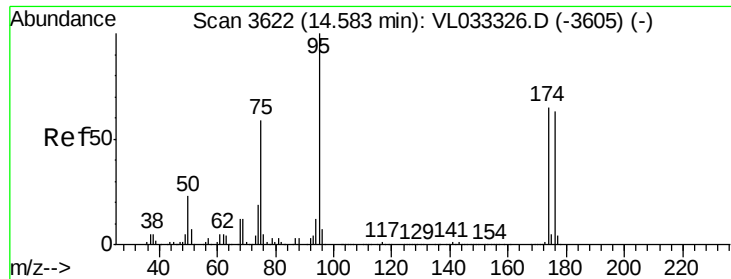
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: VL033424.D
 Acq: 21 Mar 2019 20:36

Tgt Ion: 117 Resp: 1885851
 Ion Ratio Lower Upper
 117 100
 82 67.5 53.4 80.2
 119 33.0 27.3 40.9



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: 10.604 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL033424.D

Acq: 21 Mar 2019 20:36

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 1481827

Ion Ratio Lower Upper

95 100

174 65.6 51.5 77.3

175 4.6 3.8 5.6

