

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033903.D
 Acq On : 13 Jun 2019 18:43
 Operator : SY/AP
 Sample : OC061219 CAN 10490
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 14 05:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	963280	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2198862	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2021067	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1672327	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

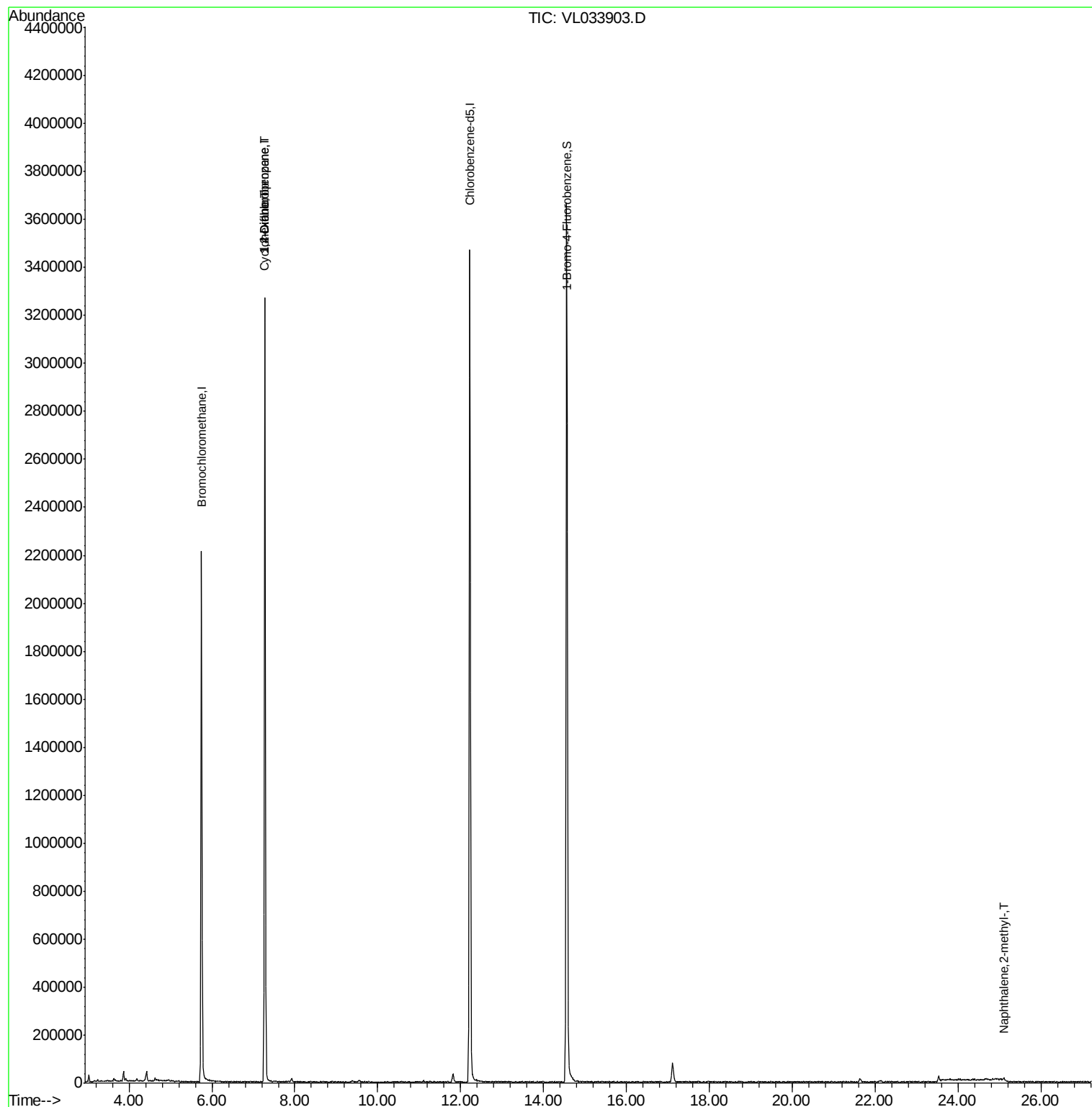
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	7.26	84	5102	0.074	ppbv #	1
39) 1,2-Dichloropropane	7.27	63	580807	8.959	ppbv #	24
80) Naphthalene,2-methyl-	25.11	142	4906	0.056	ppbv #	89

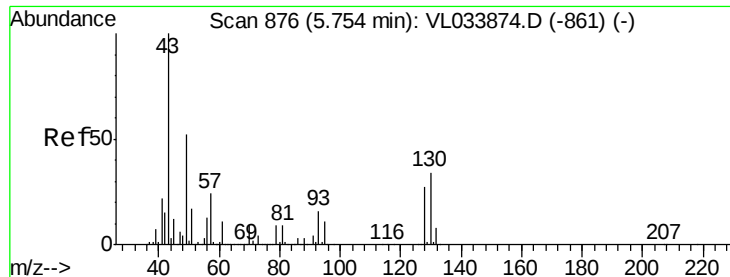
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

Lab File: VL033903.D

Acq: 13 Jun 2019 18:43

Instrument :

MSVOA_L

ClientSampleId :

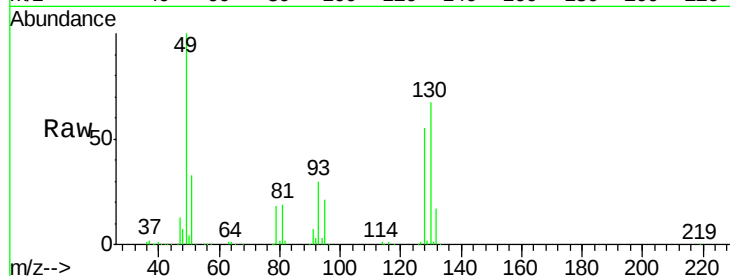
Tot Ion: 49 Resp: 963280

Ion Ratio Lower Upper

49 100

128 51.7 25.5 76.5

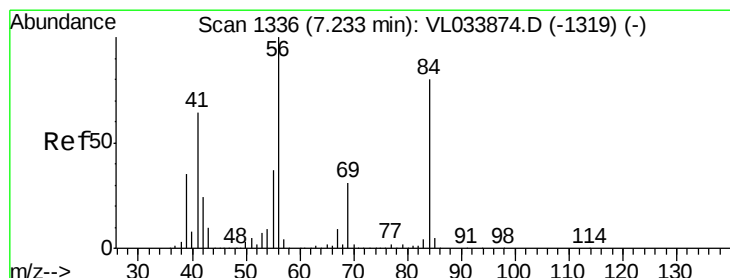
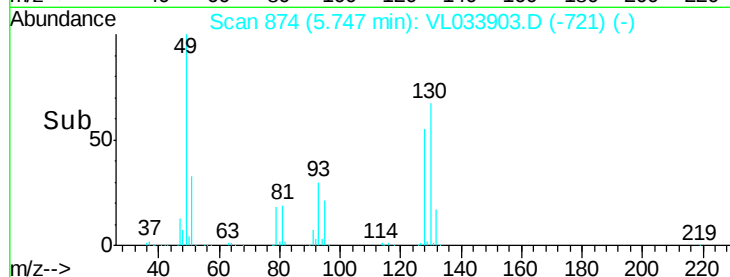
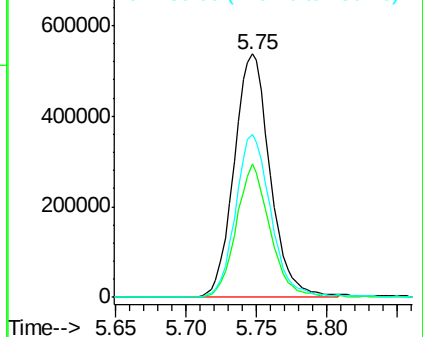
130 66.2 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#30

Cyclohexane

Concen: 0.074 ppbv

RT: 7.26 min Scan# 1345

Delta R.T. 0.03 min

Lab File: VL033903.D

Acq: 13 Jun 2019 18:43

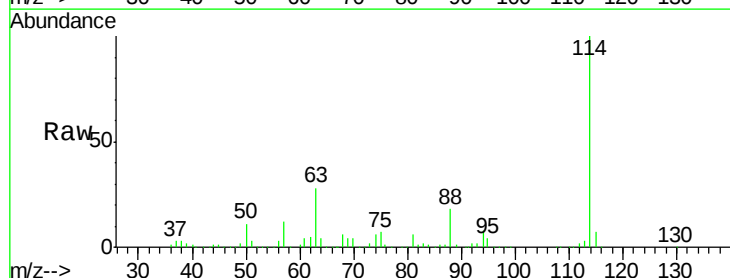
Tgt Ion: 84 Resp: 5102

Ion Ratio Lower Upper

84 100

56 0.0 105.8 158.8#

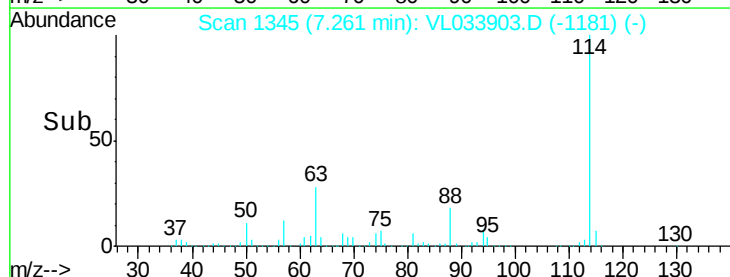
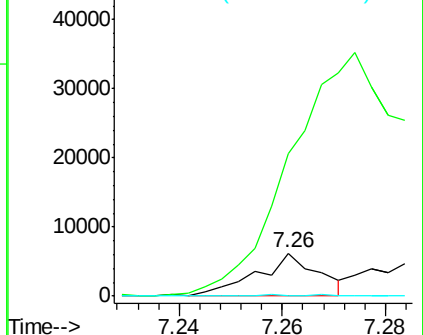
41 1.5 65.7 98.5#

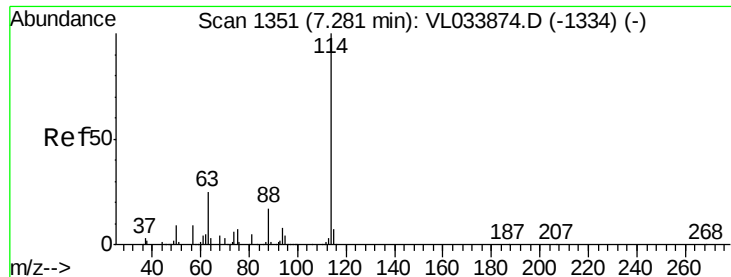


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

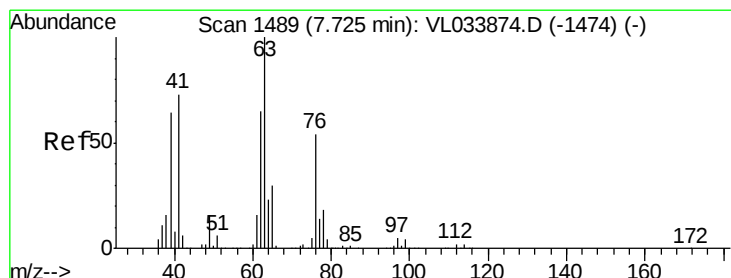
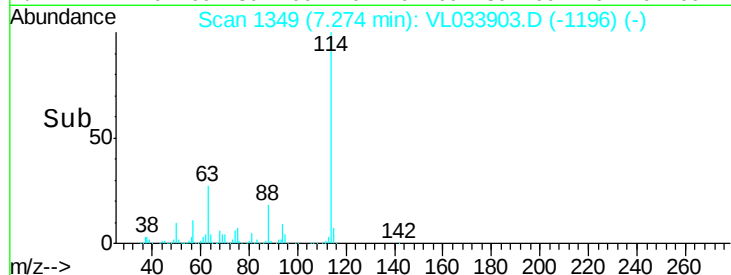
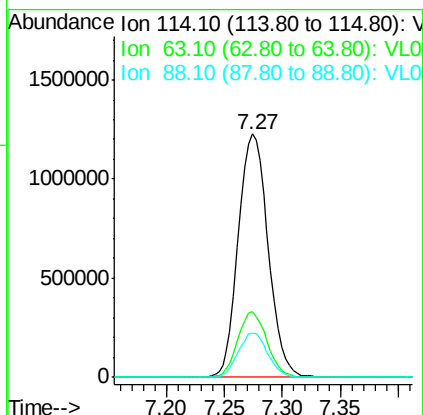
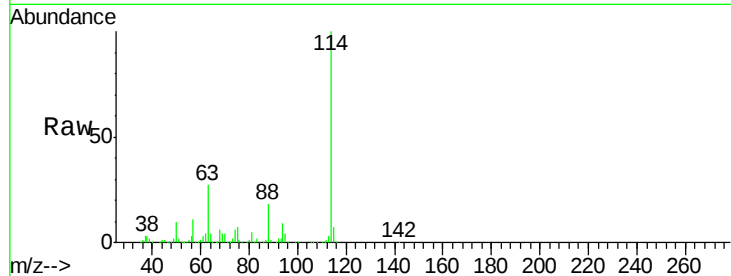




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: VL033903.D
 Acq: 13 Jun 2019 18:43

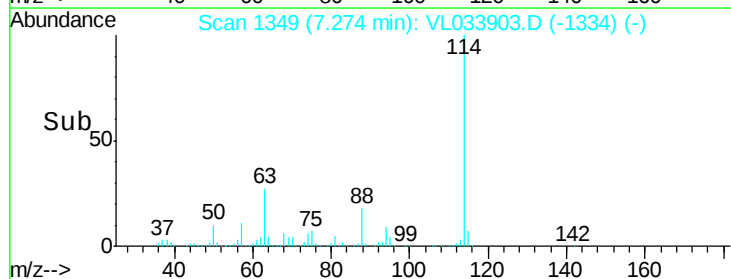
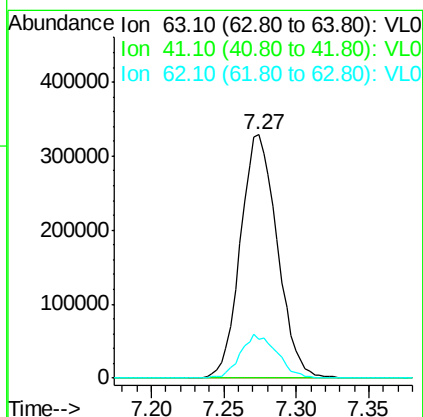
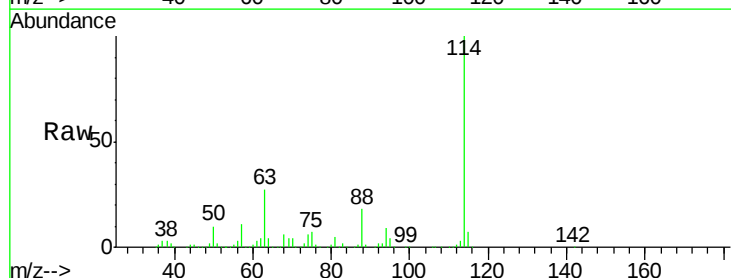
Instrument :
 MSVOA_L
 ClientSampleId :

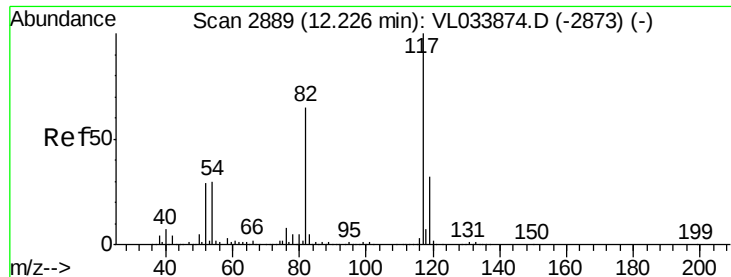
Tot Ion:114 Resp: 2198862
 Ion Ratio Lower Upper
 114 100
 63 26.5 21.1 31.7
 88 18.1 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 8.959 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.45 min
 Lab File: VL033903.D
 Acq: 13 Jun 2019 18:43

Tgt Ion: 63 Resp: 580807
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.7 88.1#
 62 15.8 51.9 77.9#

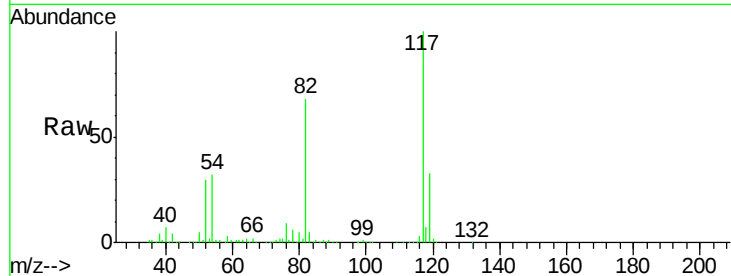




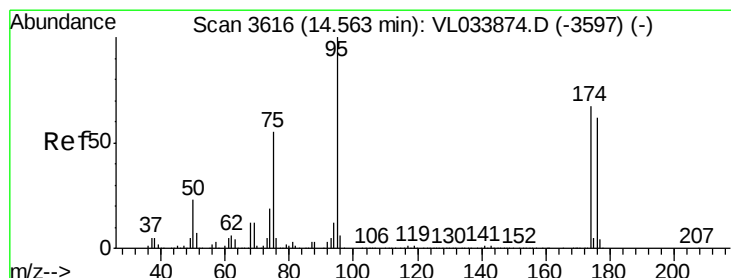
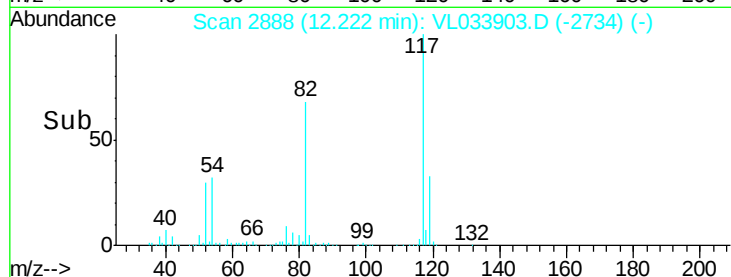
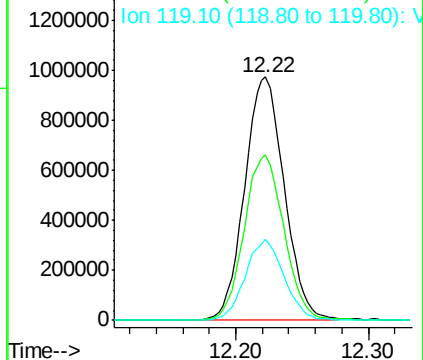
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033903.D
Acq: 13 Jun 2019 18:43

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2021067
Ion Ratio Lower Upper
117 100
82 69.0 50.2 75.2
119 32.7 24.8 37.2

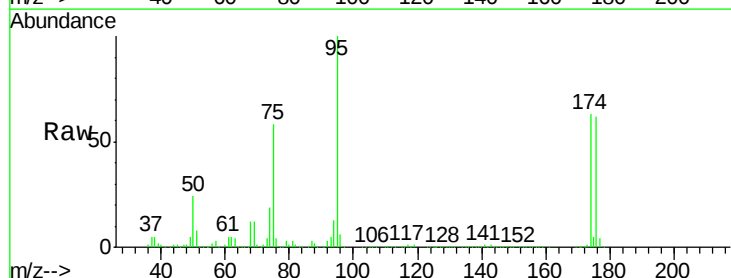


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

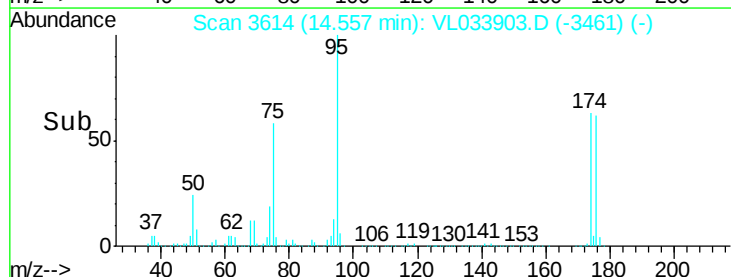
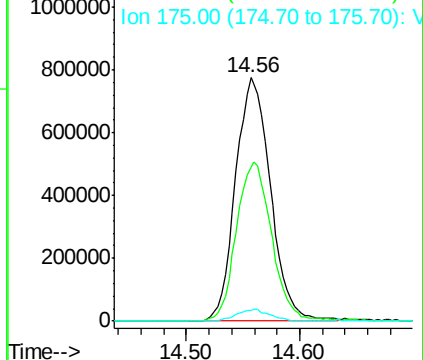


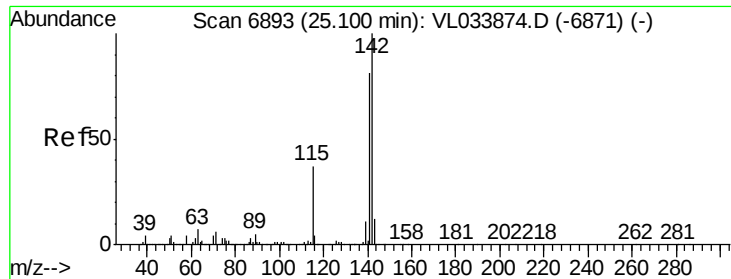
#68
1-Bromo-4-Fluorobenzene
Concen: 10.074 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033903.D
Acq: 13 Jun 2019 18:43

Tgt Ion: 95 Resp: 1672327
Ion Ratio Lower Upper
95 100
174 66.2 54.0 81.0
175 4.7 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.056 ppbv
 RT: 25.11 min Scan# 6896
 Delta R.T. 0.01 min
 Lab File: VL033903.D
 Acq: 13 Jun 2019 18:43

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	75.1	65.7	98.5
115	47.7	28.9	43.3

