

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033983.D
 Acq On : 27 Jun 2019 1:15
 Operator : SY/AP
 Sample : OC062019 CAN 10488
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 03:56:44 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	5.73	49	709059	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1642550	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1540271	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	1322766	10.46	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

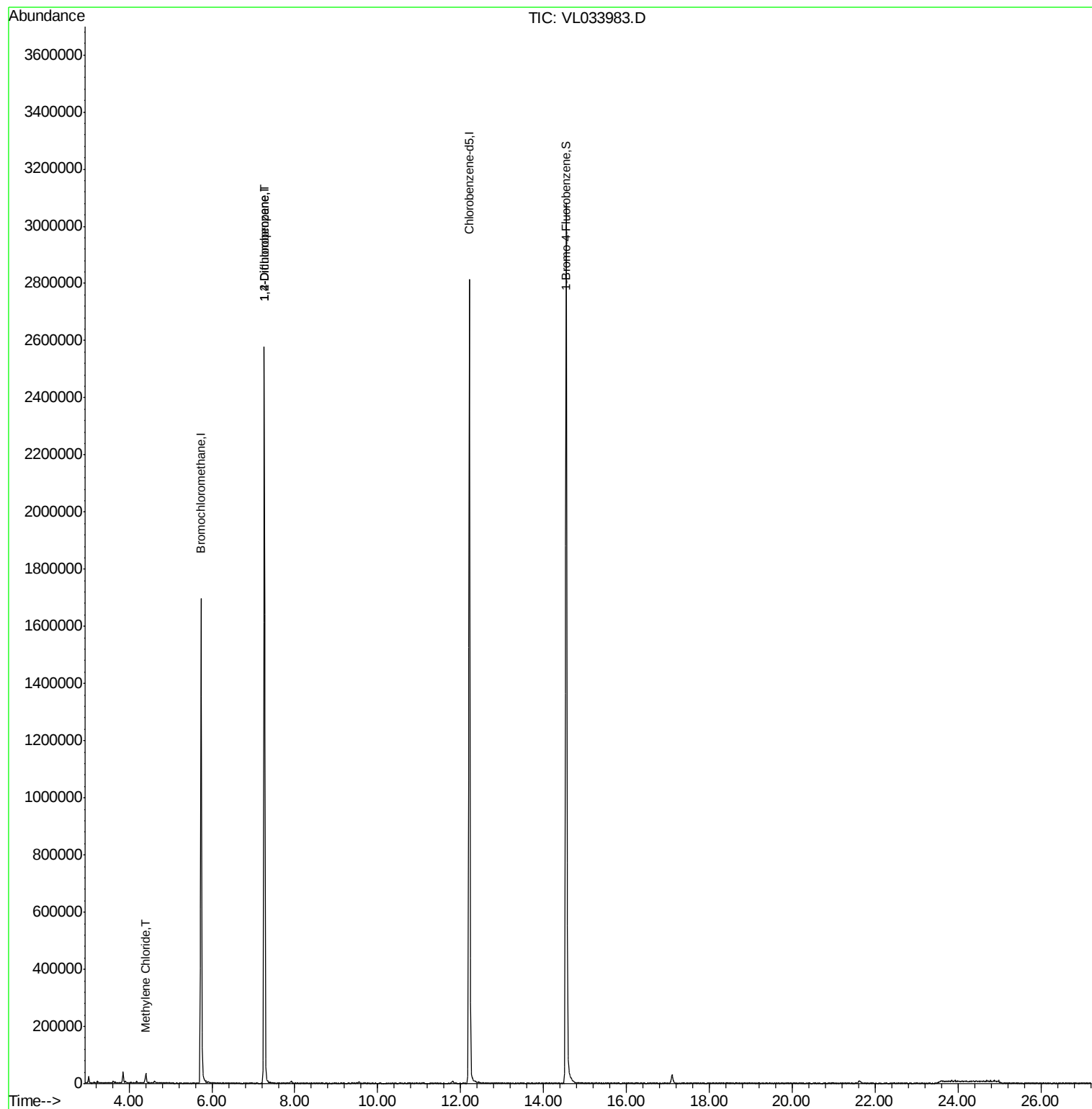
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.38	84	1364	0.034	ppbv #	85
39) 1,2-Dichloropropane	7.26	63	447560	9.242	ppbv #	26

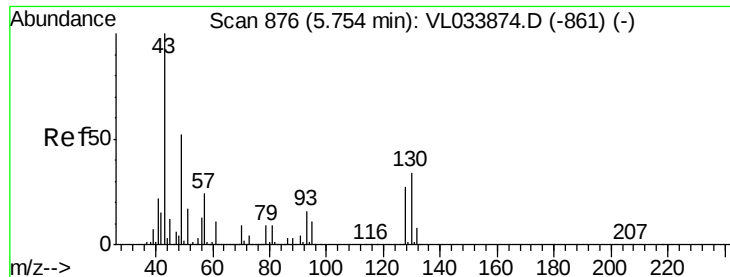
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 08:53:27 2019
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.02 min

Lab File: VL033983.D

Acq: 27 Jun 2019 1:15

Instrument :
MSVOA_L
ClientSampleId :

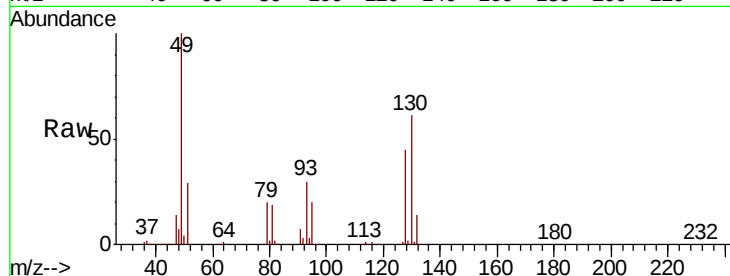
Tot Ion: 49 Resp: 709059

Ion Ratio Lower Upper

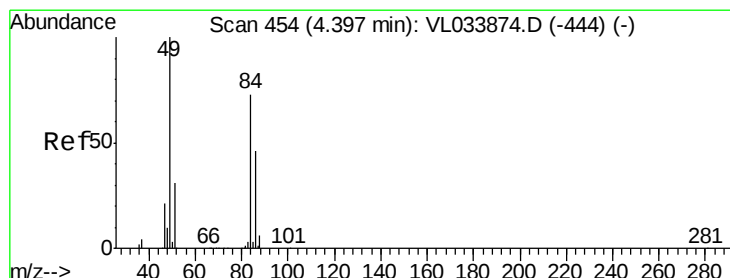
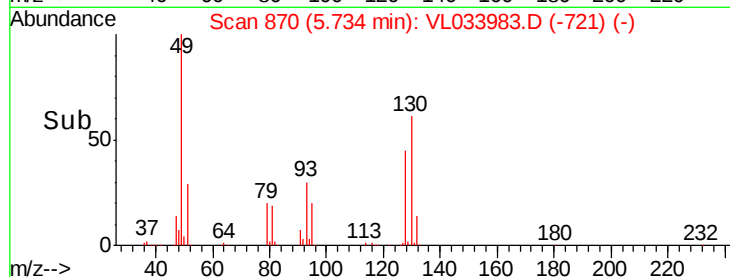
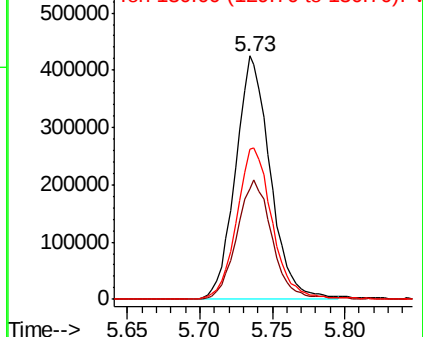
49 100

128 50.0 25.5 76.5

130 64.1 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



#20

Methylene Chloride

Concen: 0.034 ppbv

RT: 4.38 min Scan# 449

Delta R.T. -0.02 min

Lab File: VL033983.D

Acq: 27 Jun 2019 1:15

Tgt Ion: 84 Resp: 1364

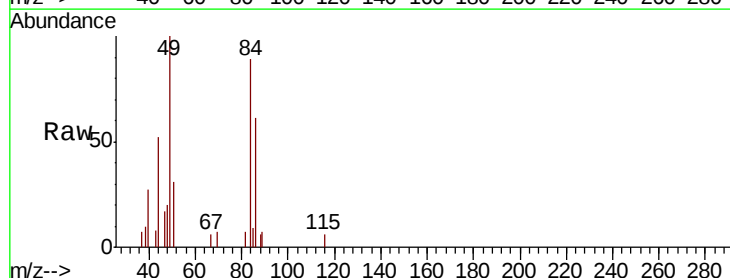
Ion Ratio Lower Upper

84 100

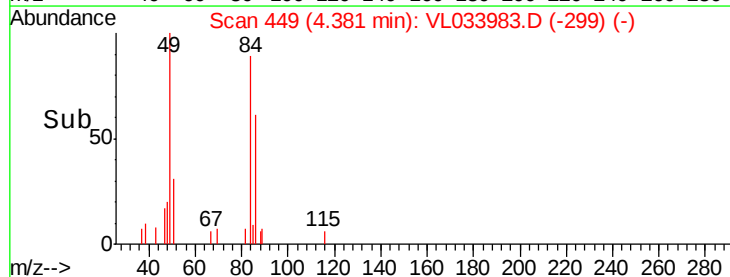
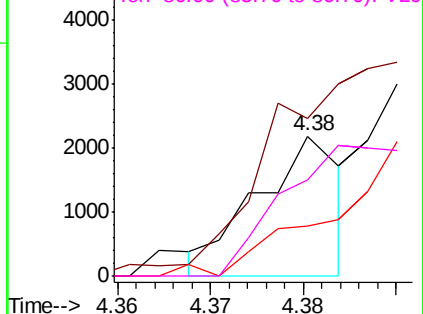
49 126.5 110.0 165.0

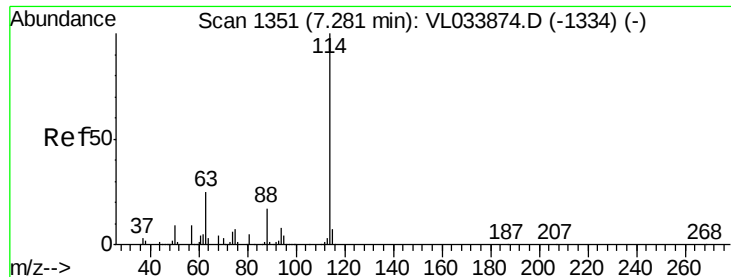
51 33.0 34.6 51.8#

86 83.6 50.6 75.8#



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

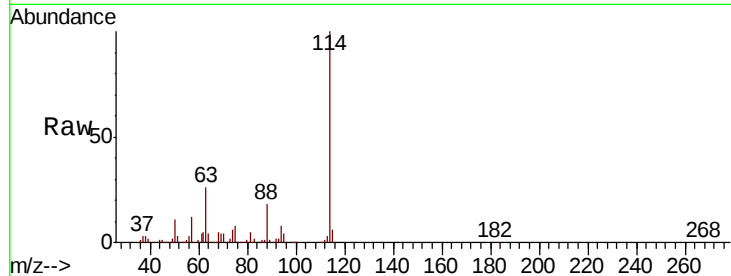




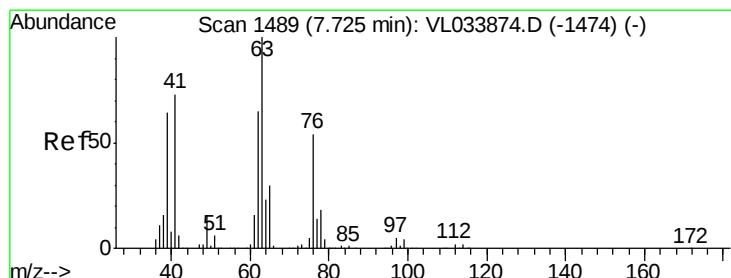
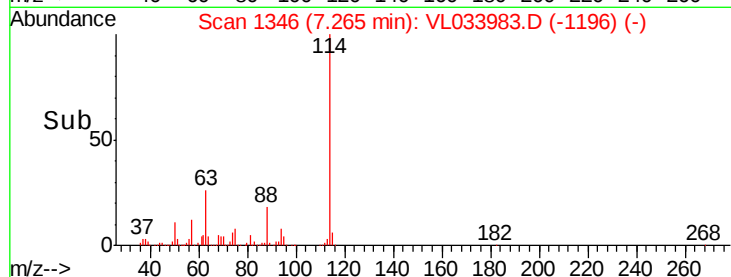
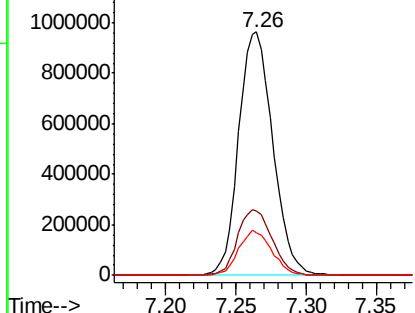
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033983.D
 Acq: 27 Jun 2019 1:15

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 1642550
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.1 31.7
 88 18.0 14.2 21.4

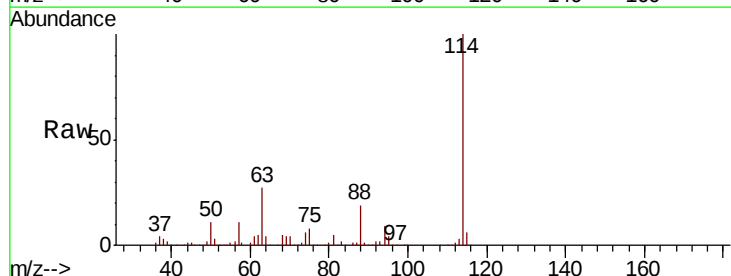


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

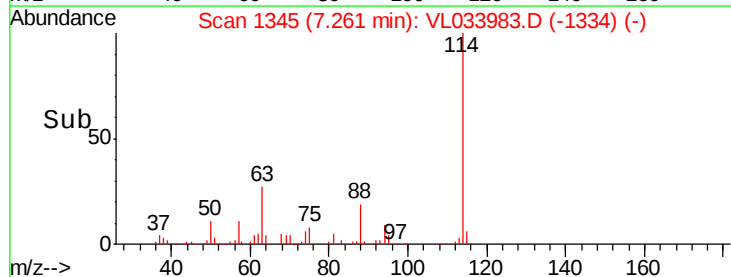
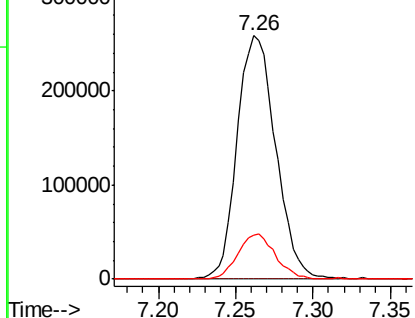


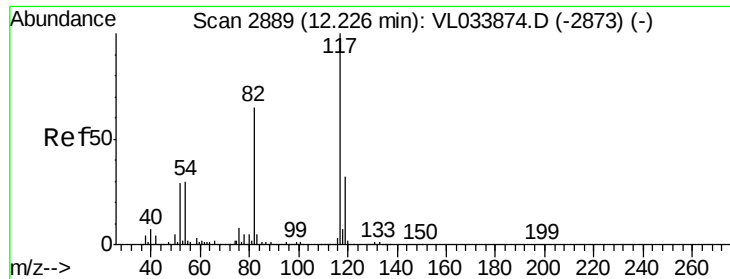
#39
 1,2-Dichloropropane
 Concen: 9.242 ppbv
 RT: 7.26 min Scan# 1345
 Delta R.T. -0.46 min
 Lab File: VL033983.D
 Acq: 27 Jun 2019 1:15

Tgt Ion: 63 Resp: 447560
 Ion Ratio Lower Upper
 63 100
 41 0.1 58.7 88.1#
 62 17.8 51.9 77.9#



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

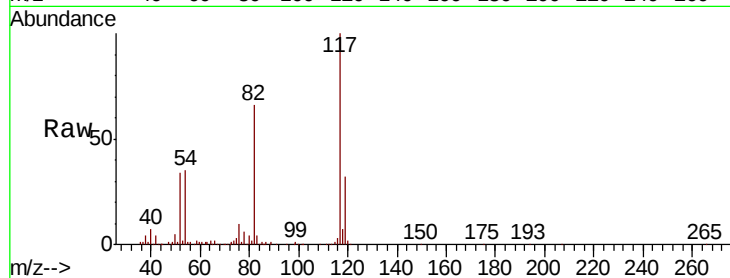




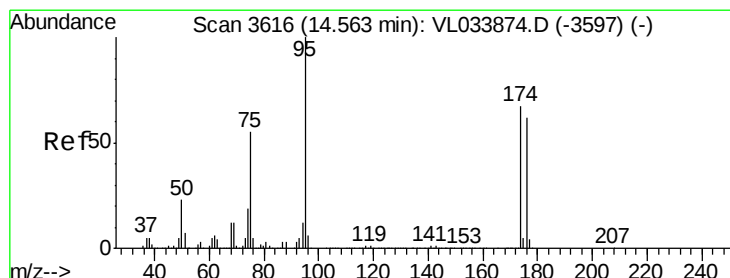
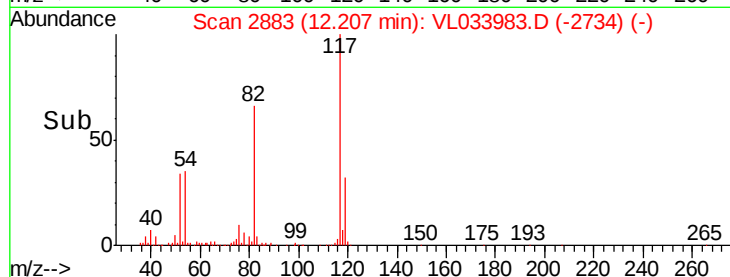
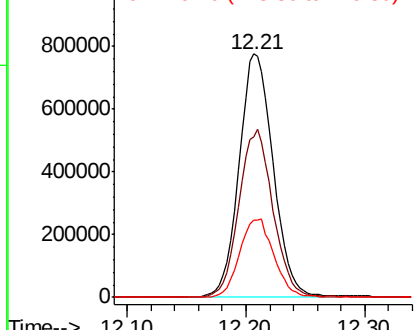
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033983.D
Acq: 27 Jun 2019 1:15

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 1540271
Ion Ratio Lower Upper
117 100
82 69.1 50.2 75.2
119 32.6 24.8 37.2

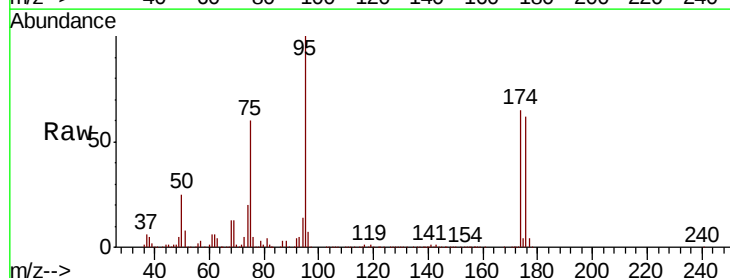


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.455 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033983.D
Acq: 27 Jun 2019 1:15

Tgt Ion: 95 Resp: 1322766
Ion Ratio Lower Upper
95 100
174 65.3 54.0 81.0
175 4.6 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

