

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032489.D
 Acq On : 10 Sep 2018 22:02
 Operator : SY/AP
 Sample : J4820-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 241-BERRYDL

Quant Time: Sep 11 05:55:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1521253	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3548832	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3354497	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2580616	10.36	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

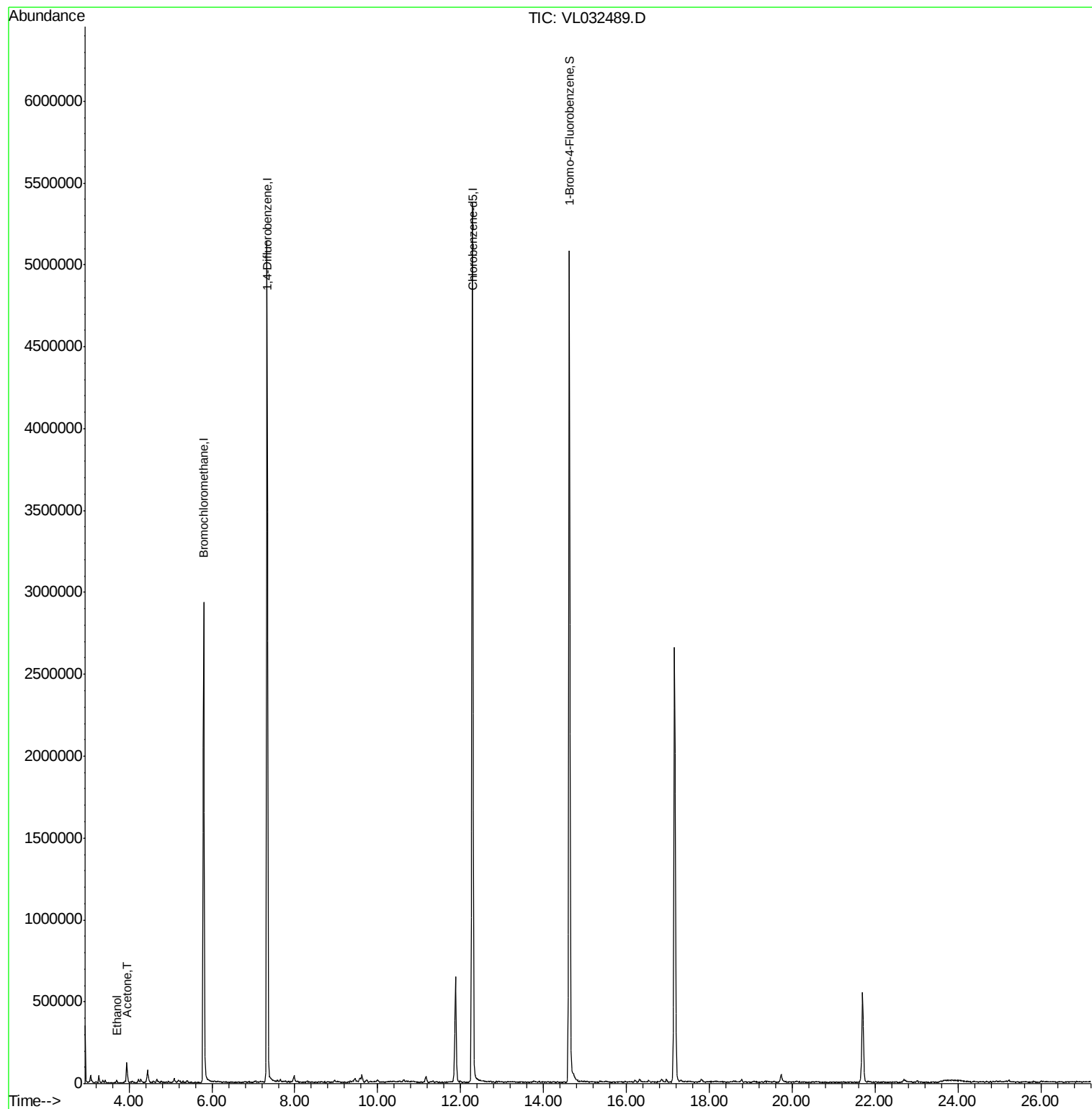
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.70	45	9928	0.57	ppbv	90
15) Acetone	3.95	43	125364	0.92	ppbv	97

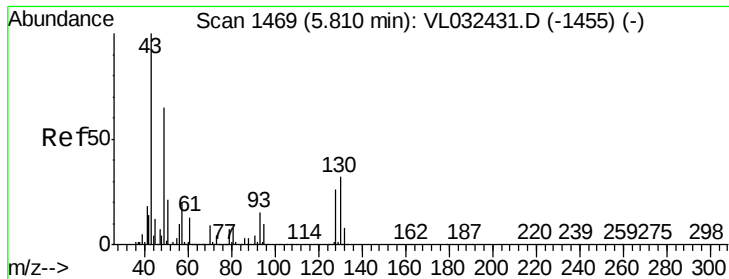
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032489.D
Acq On : 10 Sep 2018 22:02
Operator : SY/AP
Sample : J4820-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Quant Time: Sep 11 05:55:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.80 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL032489.D

Acq: 10 Sep 2018 22:02

Instrument :

MSVOA_L

ClientSampleId :

241-BERRYDL

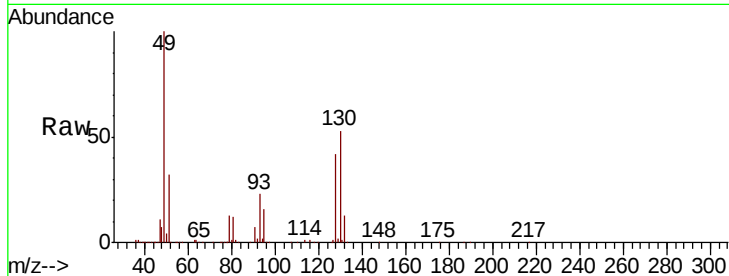
Tot Ion: 49 Resp: 1521253

Ion Ratio Lower Upper

49 100

128 42.6 20.7 62.1

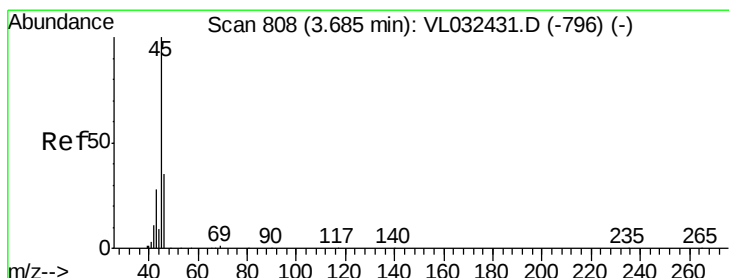
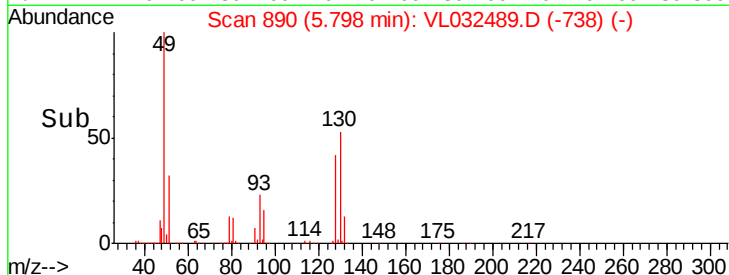
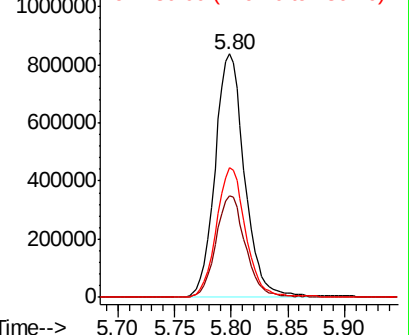
130 53.5 26.6 79.7



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



#13

Ethanol

Concen: 0.57 ppbv

RT: 3.70 min Scan# 238

Delta R.T. 0.02 min

Lab File: VL032489.D

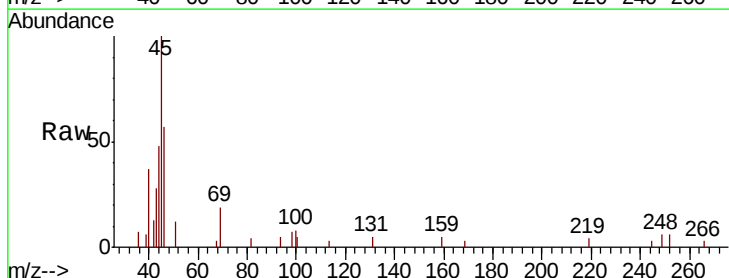
Acq: 10 Sep 2018 22:02

Tgt Ion: 45 Resp: 9928

Ion Ratio Lower Upper

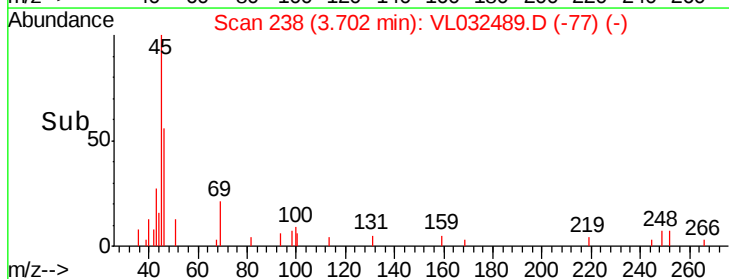
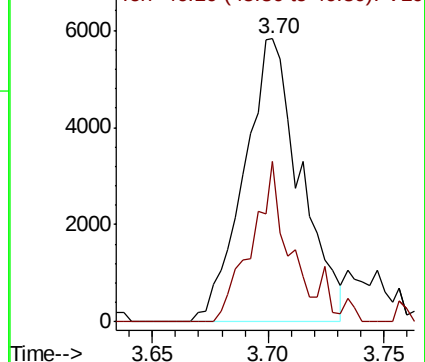
45 100

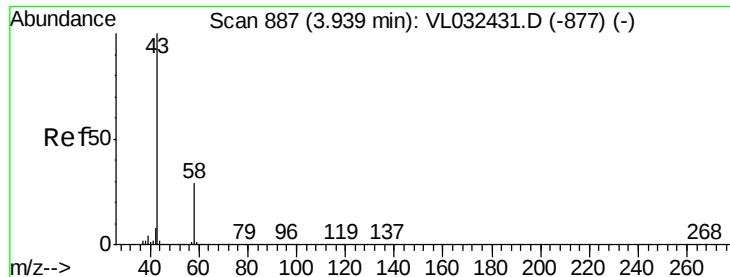
46 41.1 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.92 ppbv

RT: 3.95 min Scan# 314

Delta R.T. 0.01 min

Lab File: VL032489.D

Acq: 10 Sep 2018 22:02

Instrument :

MSVOA_L

ClientSampleId :

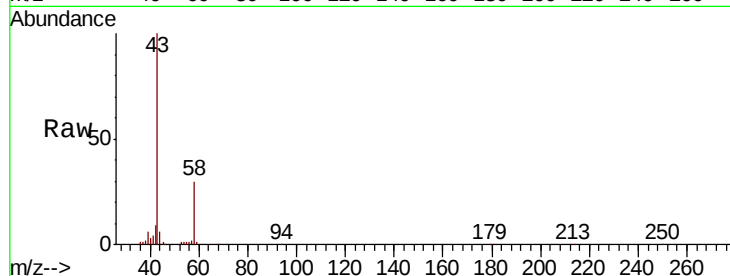
241-BERRYDL

Tot Ion: 43 Resp: 125364

Ion Ratio Lower Upper

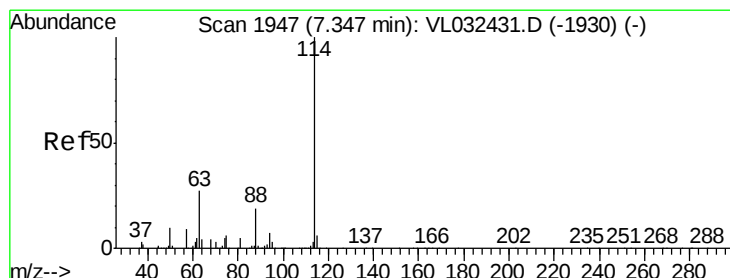
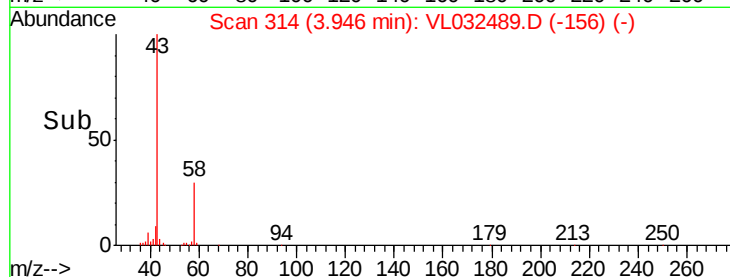
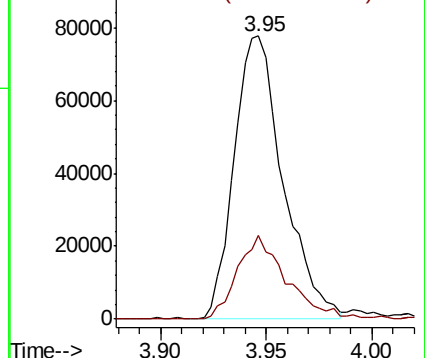
43 100

58 29.7 22.6 33.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.33 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VL032489.D

Acq: 10 Sep 2018 22:02

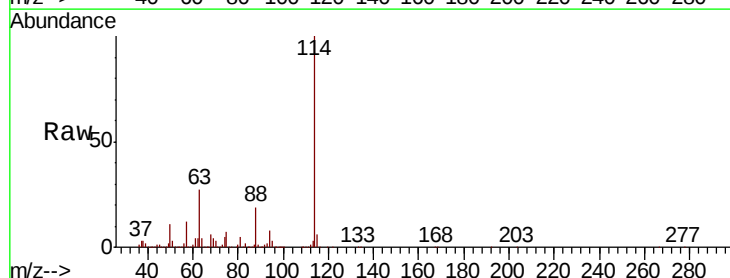
Tgt Ion: 114 Resp: 3548832

Ion Ratio Lower Upper

114 100

63 27.4 22.2 33.4

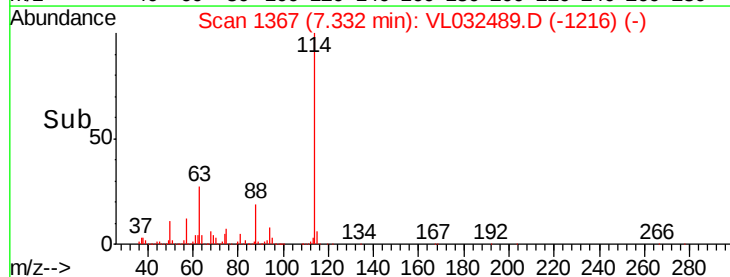
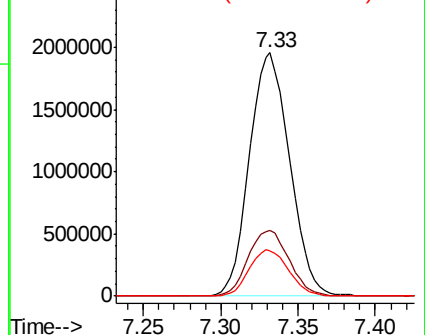
88 18.9 15.0 22.4

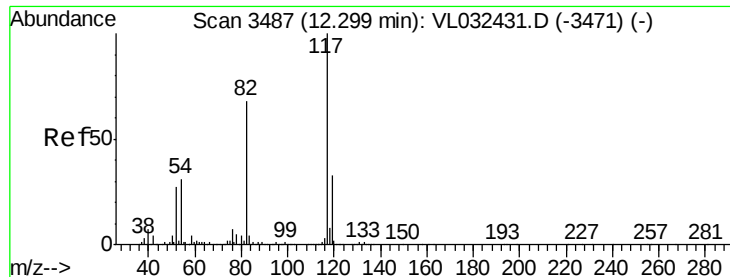


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

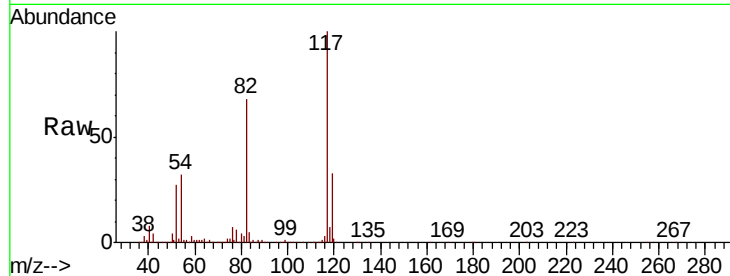




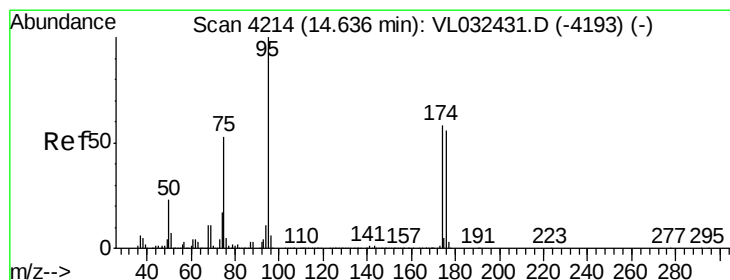
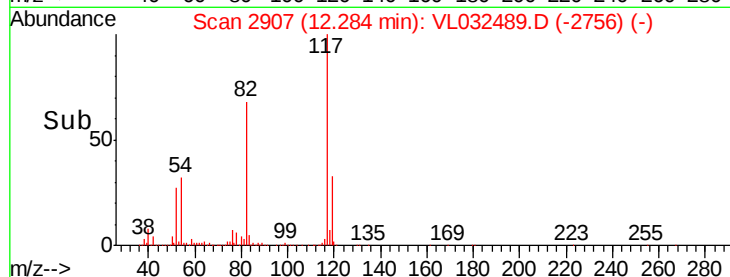
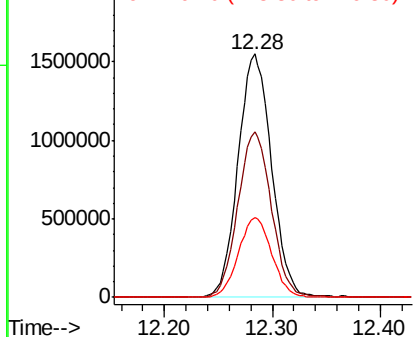
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tot Ion:117 Resp: 3354497
Ion Ratio Lower Upper
117 100
82 68.5 53.0 79.6
119 32.8 45.9 68.9#

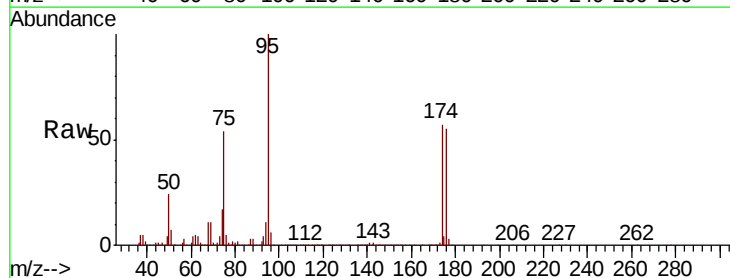


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.36 ppbv
RT: 14.62 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 95 Resp: 2580616
Ion Ratio Lower Upper
95 100
174 58.1 46.3 69.5
175 4.1 3.4 5.0



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

