

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070518\
 Data File : VL032207.D
 Acq On : 5 Jul 2018 17:25
 Operator : SY/AP
 Sample : QC061318 CAN 10444
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10444

Quant Time: Jul 06 04:29:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1539745	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3782438	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3875831	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3004977	10.14	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

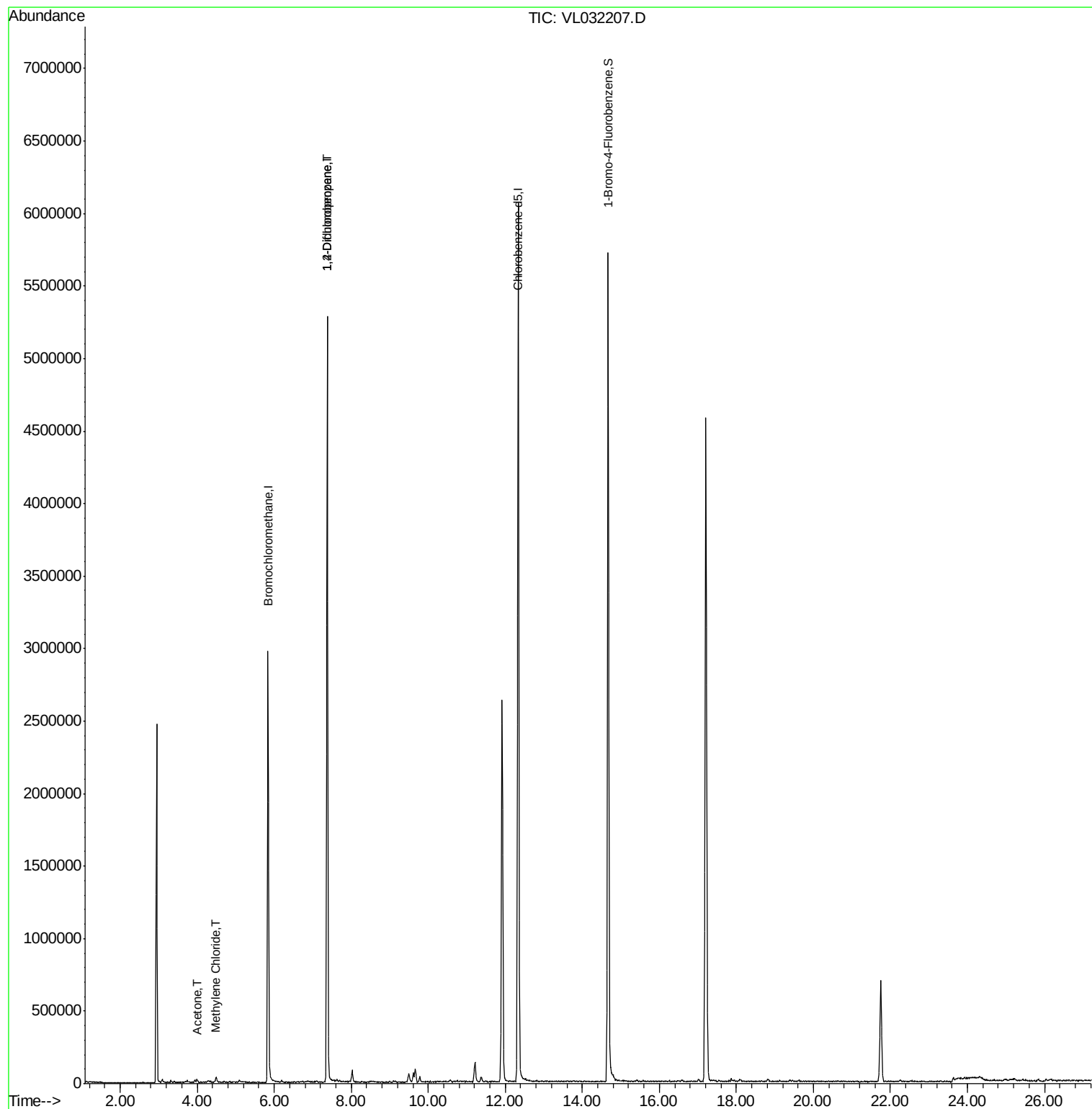
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.99	43	22900	0.127	ppbv	92
20) Methylene Chloride	4.48	84	6815	0.104	ppbv #	63
39) 1,2-Dichloropropane	7.38	63	1027362	7.115	ppbv #	27

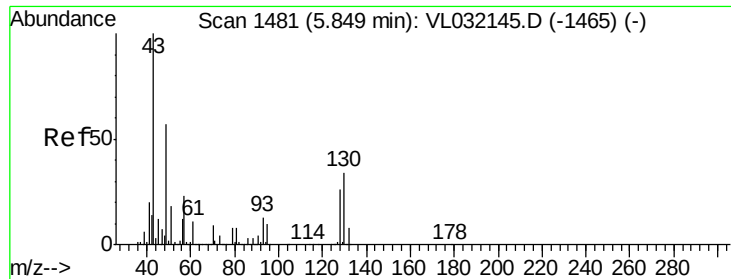
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1478

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

QC061318 CAN 10444

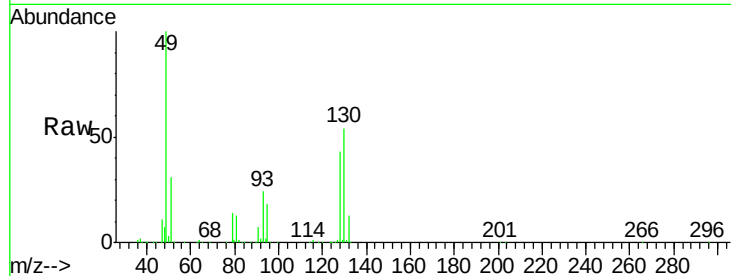
Tgt Ion: 49 Resp: 1539745

Ion Ratio Lower Upper

49 100

128 43.8 23.4 70.0

130 56.1 30.3 90.9



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

5.84

800000

600000

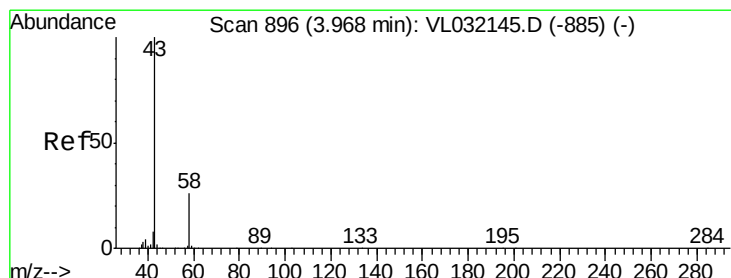
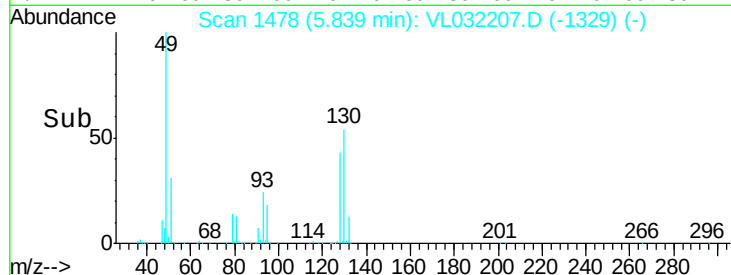
400000

200000

0

5.75 5.80 5.85 5.90 5.95

Time-->



#15

Acetone

Concen: 0.127 ppbv

RT: 3.99 min Scan# 904

Delta R.T. 0.02 min

Lab File: VL032207.D

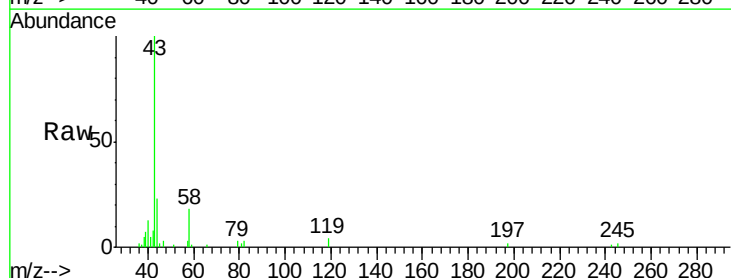
Acq: 5 Jul 2018 17:25

Tgt Ion: 43 Resp: 22900

Ion Ratio Lower Upper

43 100

58 30.7 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.99

15000

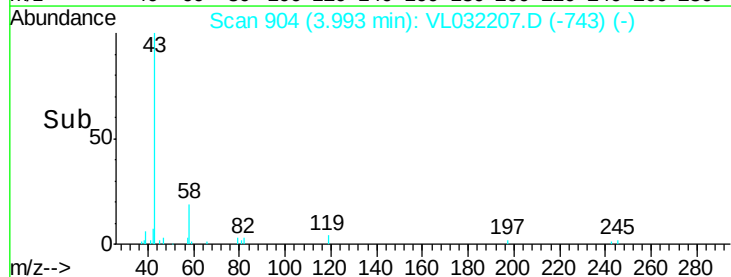
10000

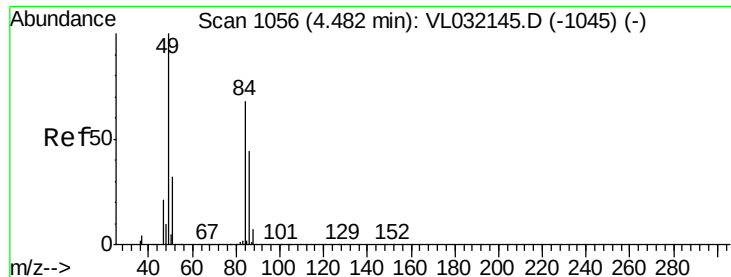
5000

0

3.95 4.00 4.05

Time-->

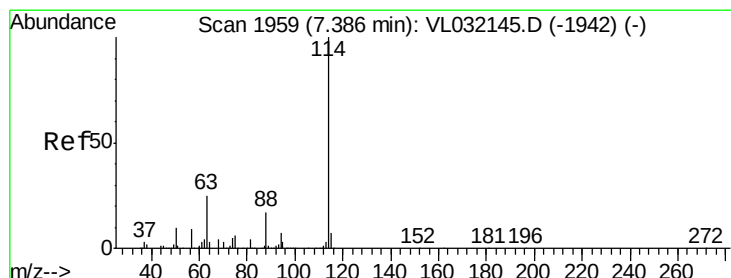
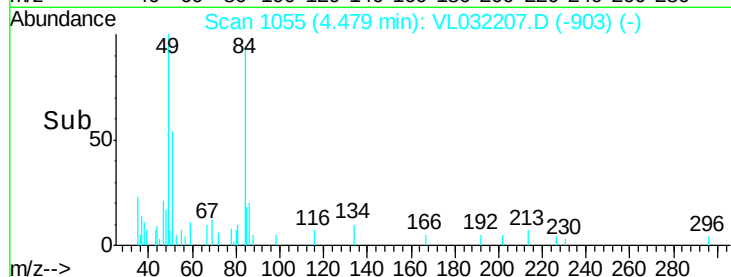
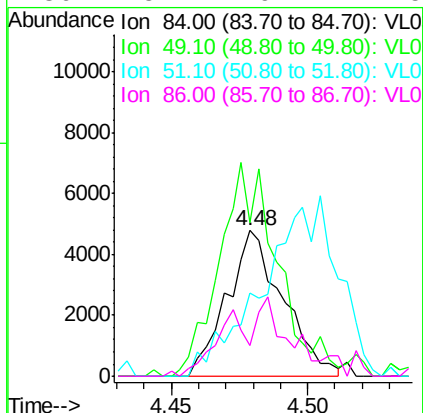
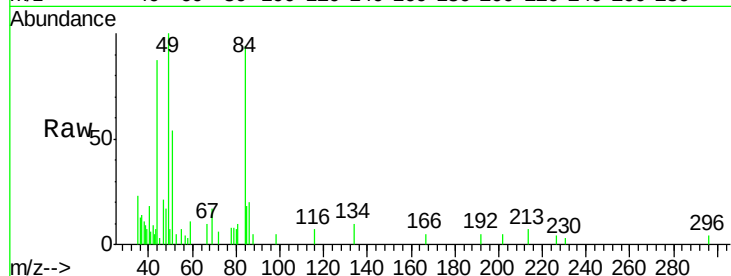




#20
Methylene Chloride
Concen: 0.104 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VL032207.D
Acq: 5 Jul 2018 17:25

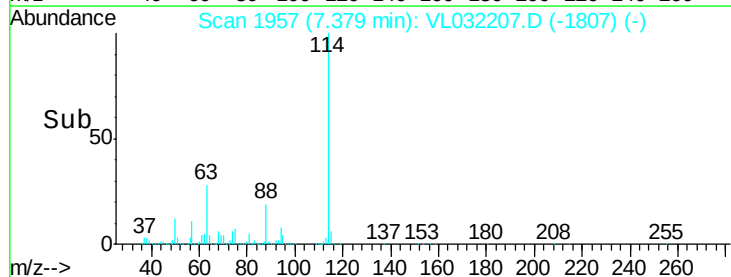
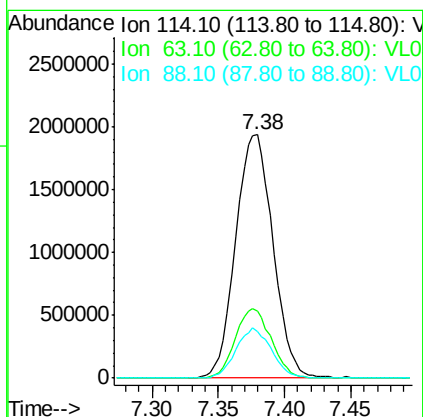
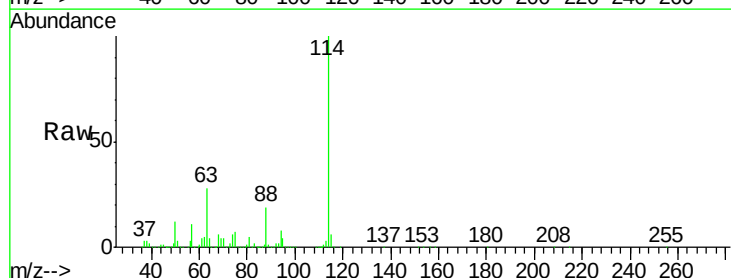
Instrument :
MSVOA_L
ClientSampleId :
QC061318 CAN 10444

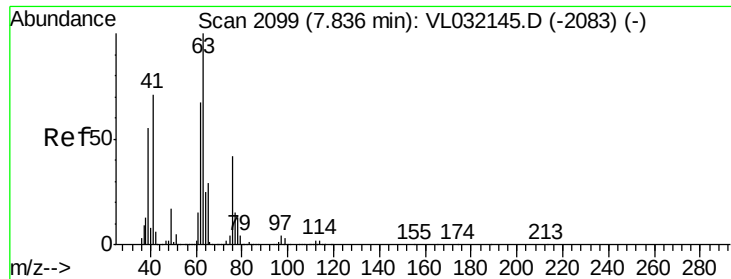
Tgt Ion: 84 Resp: 6815
Ion Ratio Lower Upper
84 100
49 106.9 119.6 179.4#
51 57.0 36.3 54.5#
86 15.7 49.7 74.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VL032207.D
Acq: 5 Jul 2018 17:25

Tgt Ion: 114 Resp: 3782438
Ion Ratio Lower Upper
114 100
63 27.8 19.1 28.7
88 19.6 13.9 20.9





#39

1,2-Dichloropropane

Concen: 7.115 ppbv

RT: 7.38 min Scan# 1956

Delta R.T. -0.47 min

Lab File: VL032207.D

Acq: 5 Jul 2018 17:25

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10444

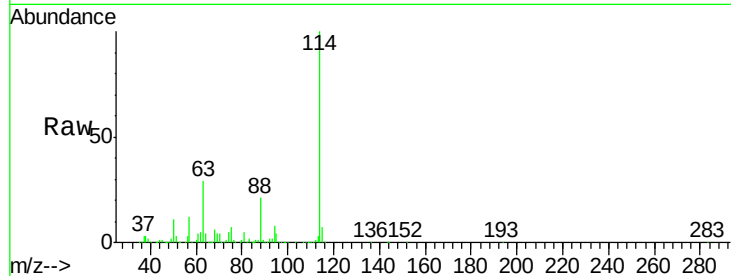
Tgt Ion: 63 Resp: 1027362

Ion Ratio Lower Upper

63 100

41 0.0 53.3 79.9#

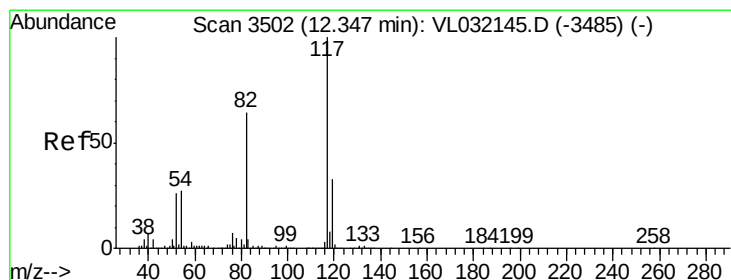
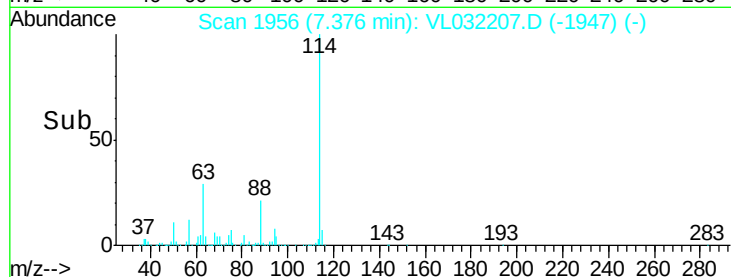
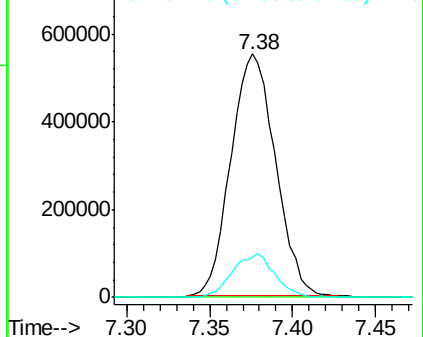
62 16.8 54.8 82.2#



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: 12.33 min Scan# 3498

Delta R.T. -0.03 min

Lab File: VL032207.D

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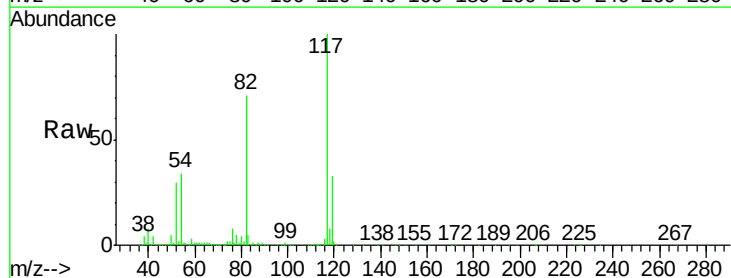
Tgt Ion: 117 Resp: 3875831

Ion Ratio Lower Upper

117 100

82 70.4 47.8 71.8

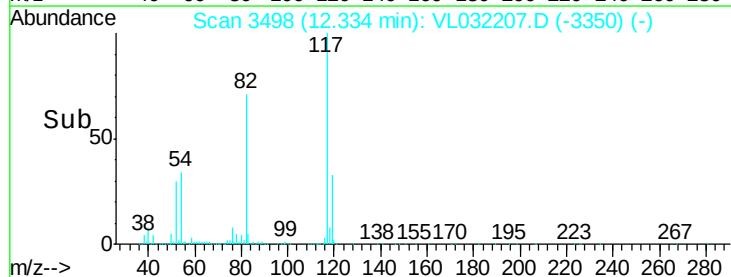
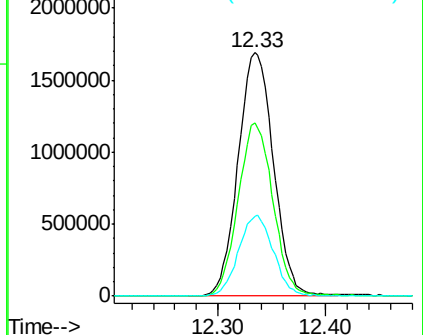
119 32.8 43.3 64.9#

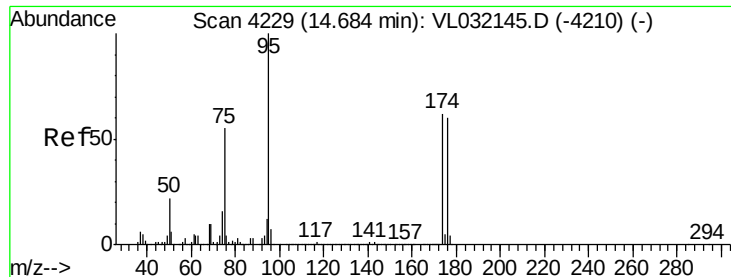


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.143 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.03 min

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Instrument :

MSVOA_L

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QC061318 CAN 10444

Tgt Ion: 95 Resp: 3004977

Ion Ratio Lower Upper

95 100

174 55.1 52.1 78.1

175 4.1 4.0 6.0

