

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100318\
 Data File : VL032587.D
 Acq On : 3 Oct 2018 20:03
 Operator : SY/AP
 Sample : J5094-08DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FSS-1DL

Quant Time: Oct 04 09:58:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1040660	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	2643317	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2888382	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2029269	9.32	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.20%

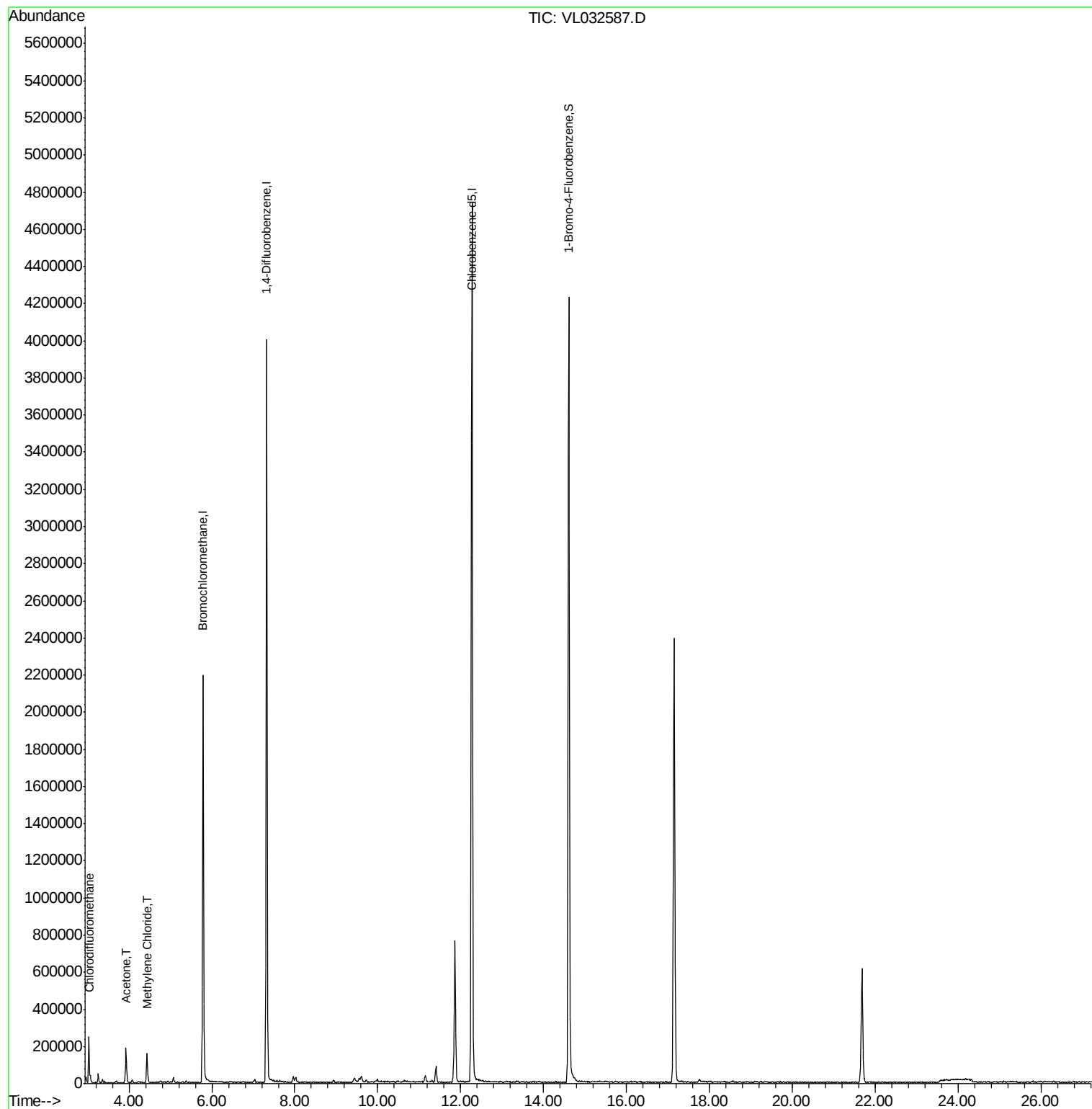
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.03	51	226935	2.622	ppbv	98
15) Acetone	3.93	43	188596	2.065	ppbv	98
20) Methylene Chloride	4.43	84	52297	1.182	ppbv	96

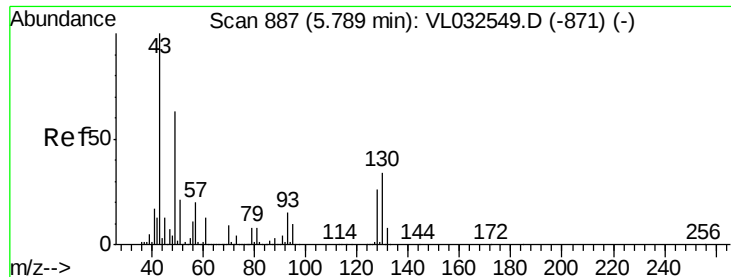
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.03 min

Lab File: VL032587.D

Acq: 3 Oct 2018 20:03

Instrument :

MSVOA_L

ClientSampleId :

FSS-1DL

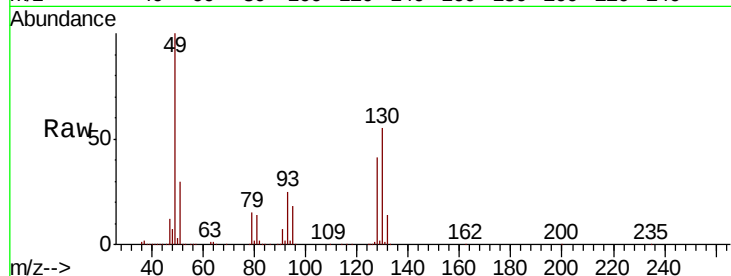
Tot Ion: 49 Resp: 1040660

Ion Ratio Lower Upper

49 100

128 45.7 20.7 62.1

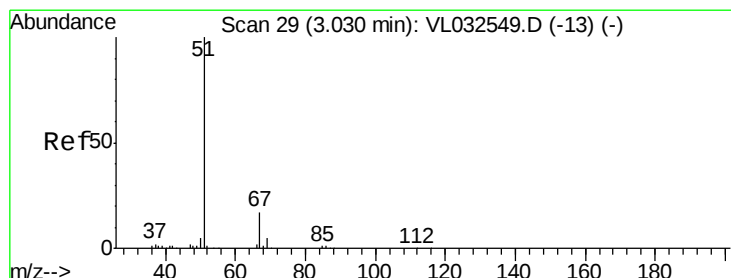
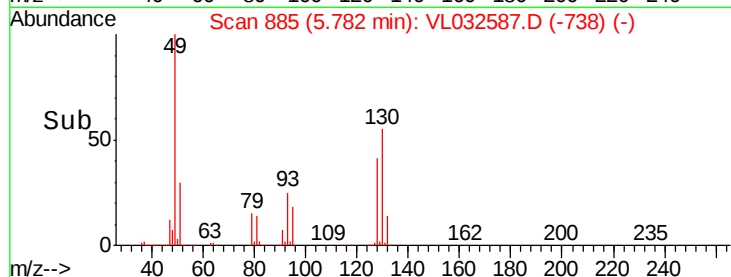
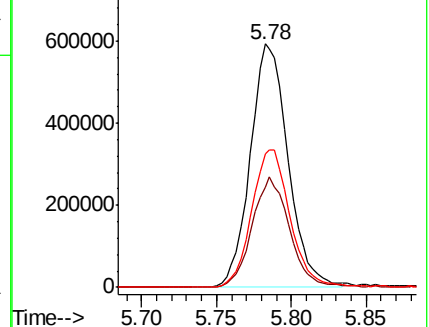
130 58.7 26.6 79.7



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



#3

Chlorodifluoromethane

Concen: 2.622 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032587.D

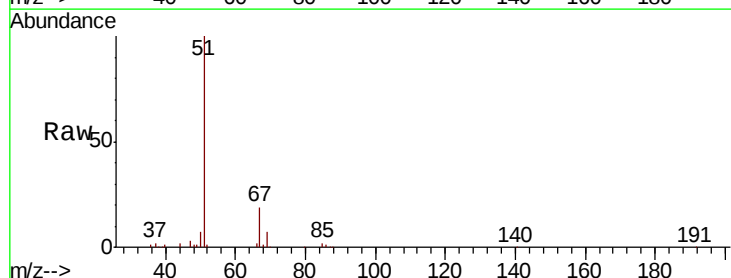
Acq: 3 Oct 2018 20:03

Tgt Ion: 51 Resp: 226935

Ion Ratio Lower Upper

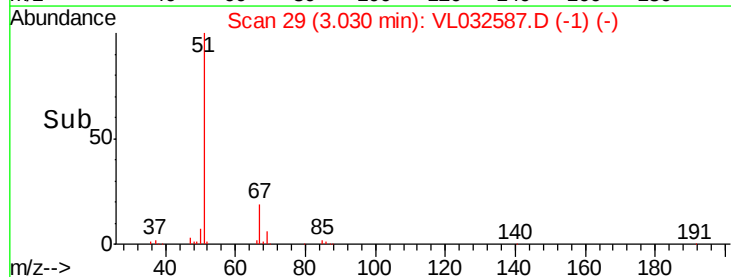
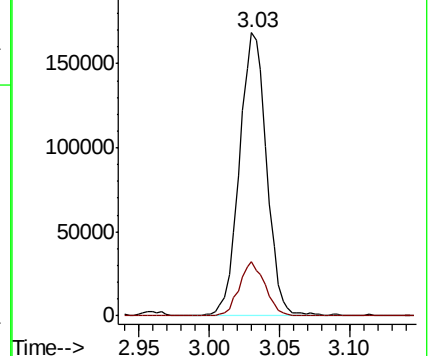
51 100

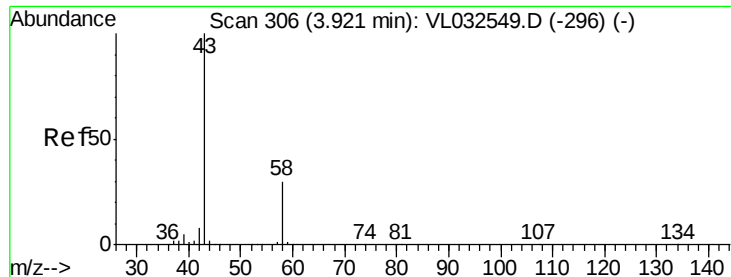
67 18.3 13.8 20.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#15

Acetone

Concen: 2.065 ppbv

RT: 3.93 min Scan# 308

Delta R.T. -0.01 min

Lab File: VL032587.D

Acq: 3 Oct 2018 20:03

Instrument :

MSVOA_L

ClientSampled :

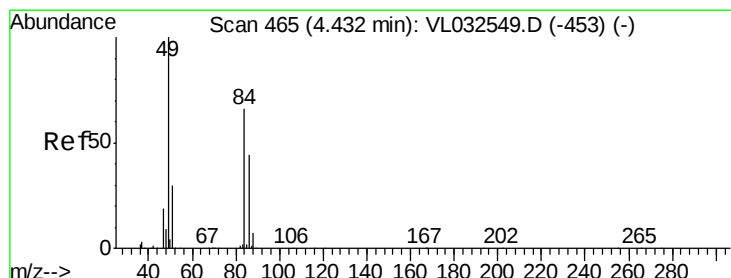
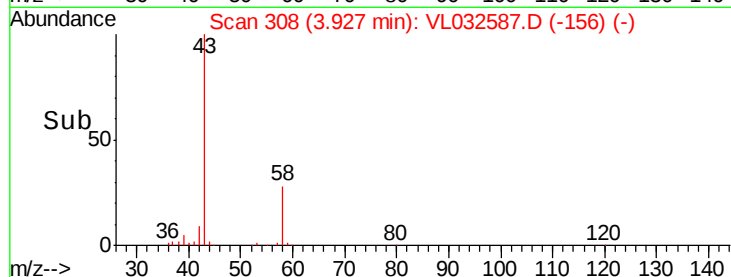
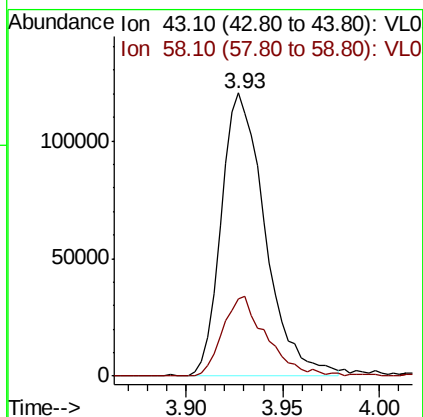
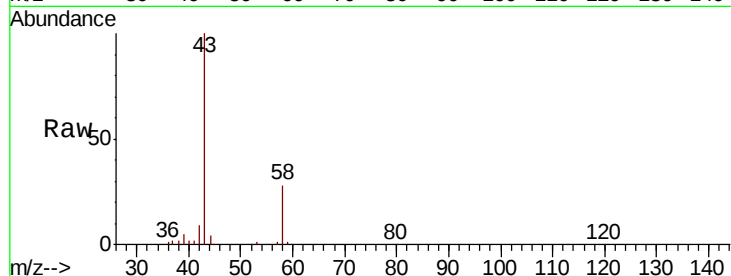
FSS-1DL

Tot Ion: 43 Resp: 188596

Ion Ratio Lower Upper

43 100

58 29.1 22.6 33.8



#20

Methylene Chloride

Concen: 1.182 ppbv

RT: 4.43 min Scan# 465

Delta R.T. -0.02 min

Lab File: VL032587.D

Acq: 3 Oct 2018 20:03

Tgt Ion: 84 Resp: 52297

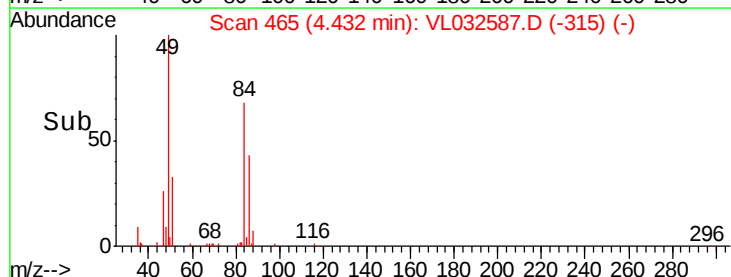
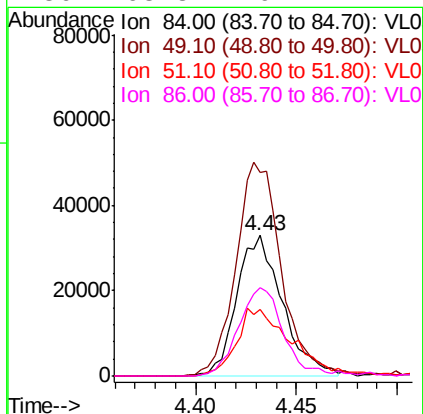
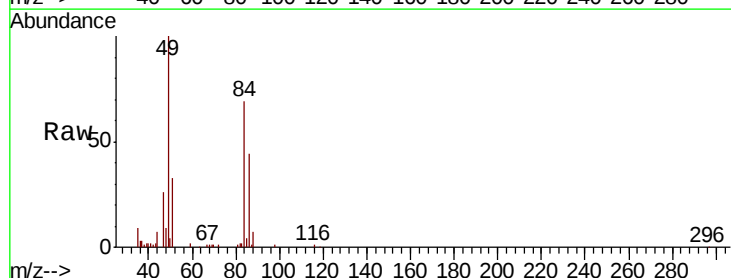
Ion Ratio Lower Upper

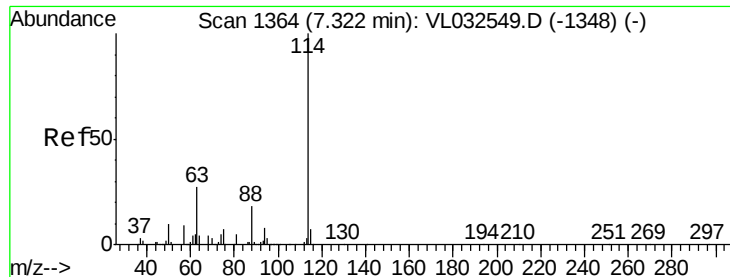
84 100

49 144.2 119.1 178.7

51 47.3 35.2 52.8

86 63.3 49.4 74.2

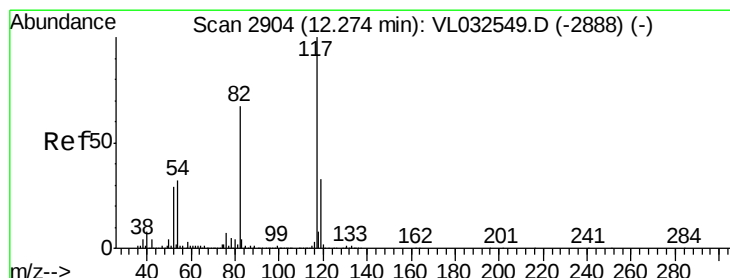
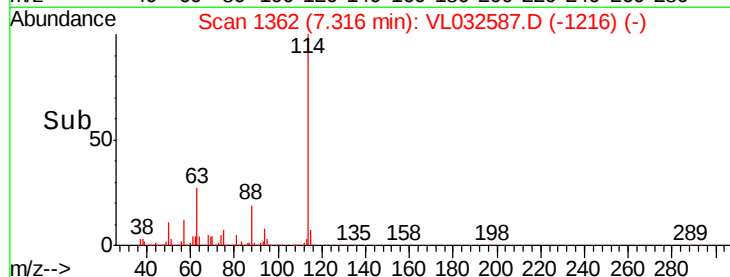
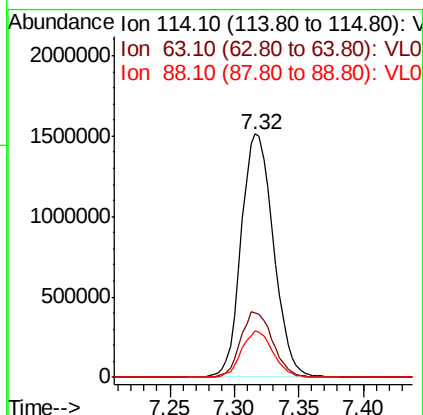
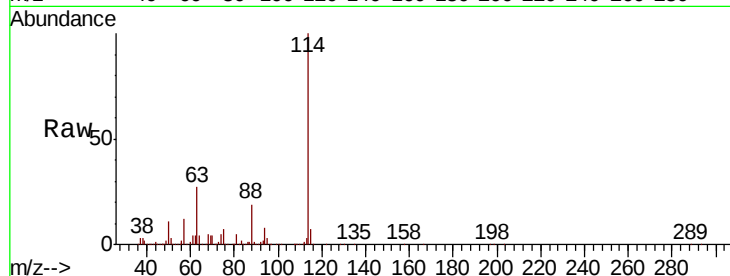




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL032587.D
 Acq: 3 Oct 2018 20:03

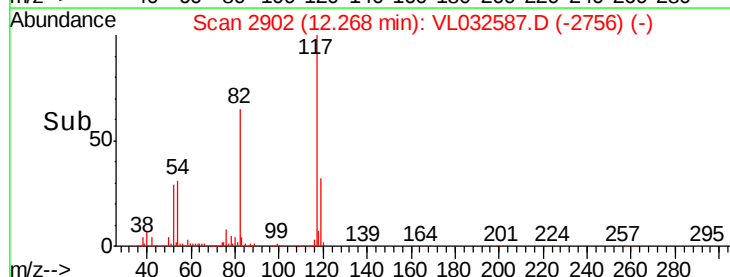
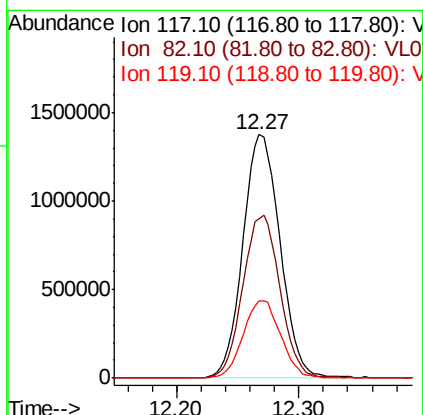
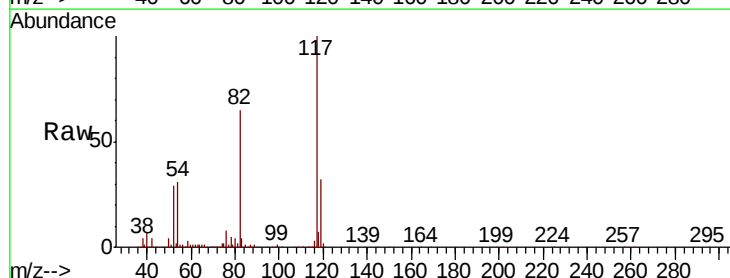
Instrument :
 MSVOA_L
 ClientSampleId :
 FSS-1DL

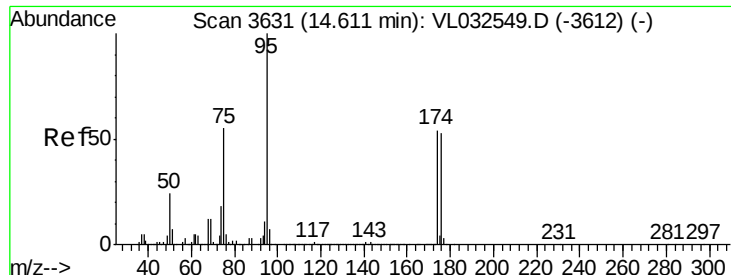
Tot Ion:114 Resp: 2643317
 Ion Ratio Lower Upper
 114 100
 63 26.9 22.2 33.4
 88 18.6 15.0 22.4



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.27 min Scan# 2902
 Delta R.T. -0.03 min
 Lab File: VL032587.D
 Acq: 3 Oct 2018 20:03

Tgt Ion:117 Resp: 2888382
 Ion Ratio Lower Upper
 117 100
 82 67.4 53.0 79.6
 119 32.2 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.316 ppbv

RT: 14.61 min Scan# 3630

Delta R.T. -0.03 min

Lab File: VL032587.D

Acq: 3 Oct 2018 20:03

Instrument :

MSVOA_L

ClientSampleId :

FSS-1DL

Tot Ion: 95 Resp: 2029269

Ion Ratio Lower Upper

95 100

174 58.9 46.3 69.5

175 4.0 3.4 5.0

