

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
 Data File : VL032642.D
 Acq On : 17 Oct 2018 15:43
 Operator : SY/AP
 Sample : J5500-02DL2 1000X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS04-MIVIDL2

Quant Time: Oct 18 10:27:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Oct 17 08:55:11 2018
 QLast Update : Wed Oct 17 08:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1142062	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2492186	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2396943	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1833960	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

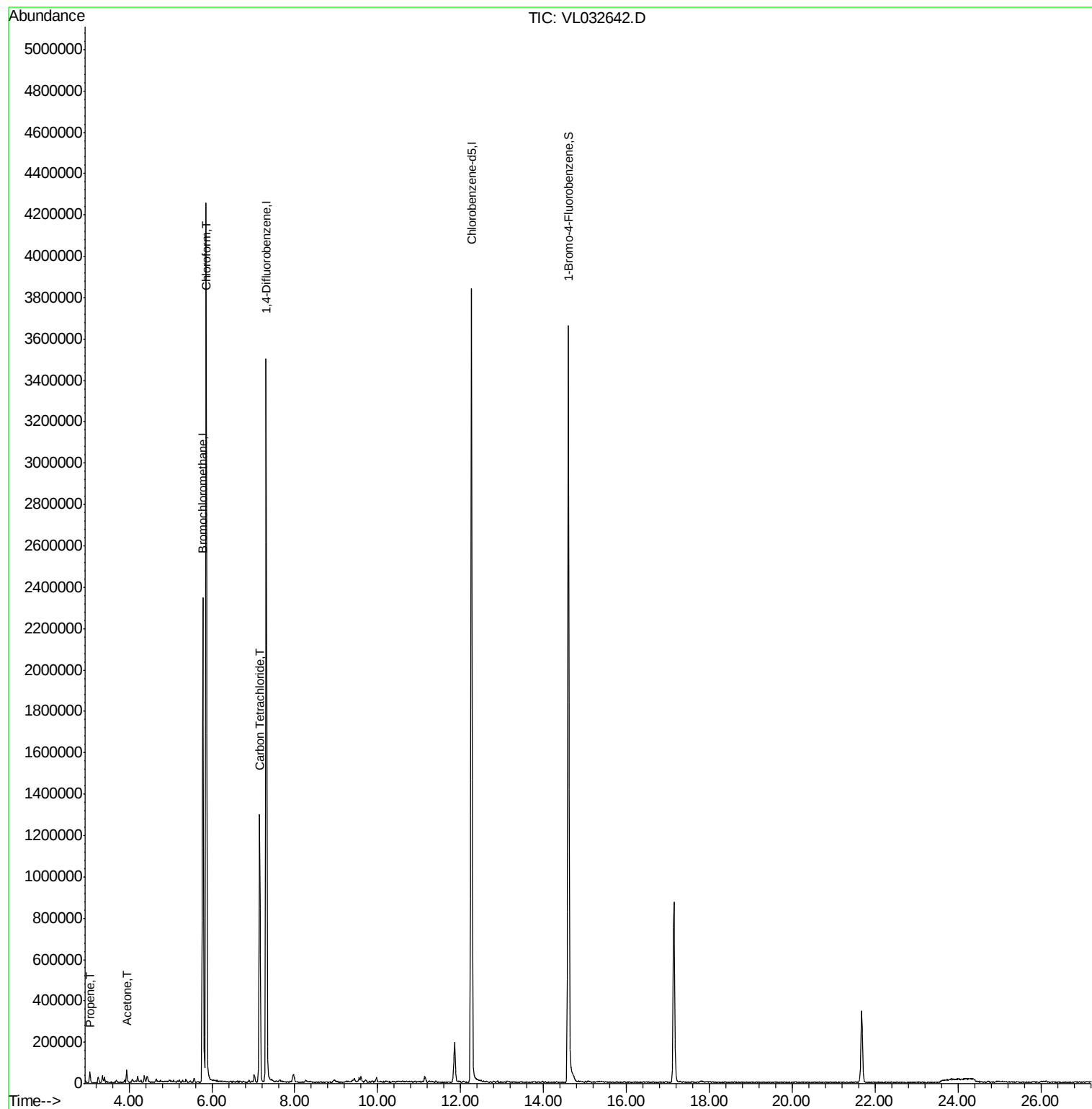
Target Compounds						Qvalue
9) Propene	3.06	41	17281	0.49	ppbv	85
15) Acetone	3.94	43	45706	0.45	ppbv	92
29) Chloroform	5.86	83	3005010	15.83	ppbv	100
35) Carbon Tetrachloride	7.15	117	775135	4.01	ppbv	99

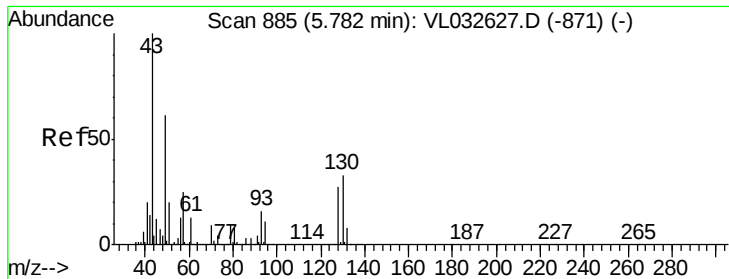
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

SS04-MIVIDL2

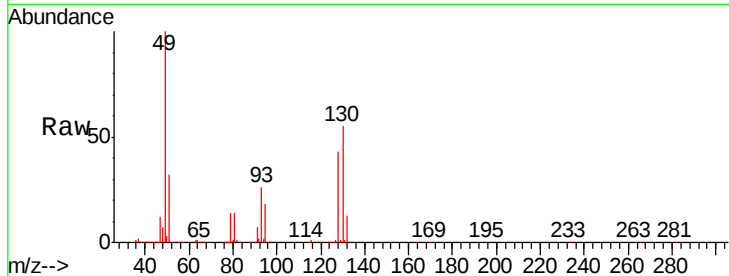
Tgt Ion: 49 Resp: 1142062

Ion Ratio Lower Upper

49 100

128 44.3 22.3 66.8

130 57.0 28.4 85.3



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

5.78

800000

600000

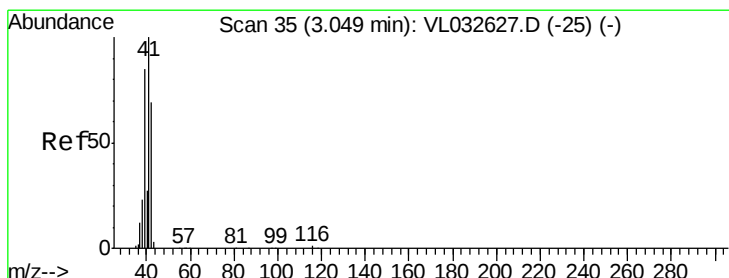
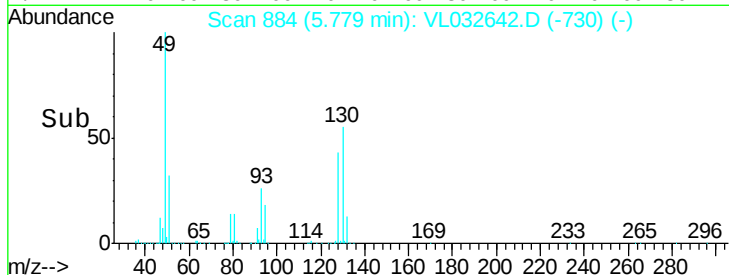
400000

200000

0

5.70 5.75 5.80 5.85

Time-->



#9

Propene

Concen: 0.49 ppbv

RT: 3.06 min Scan# 37

Delta R.T. 0.01 min

Lab File: VL032642.D

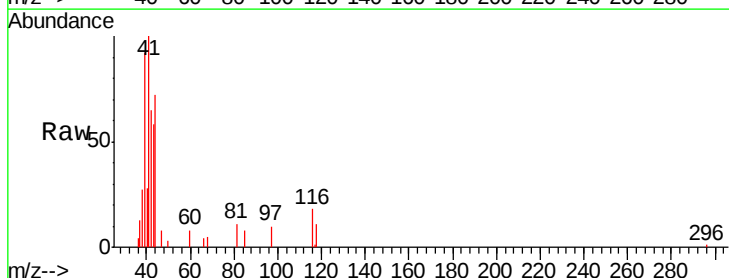
Acq: 17 Oct 2018 15:43

Tgt Ion: 41 Resp: 17281

Ion Ratio Lower Upper

41 100

42 56.9 55.4 83.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

12000

10000

8000

6000

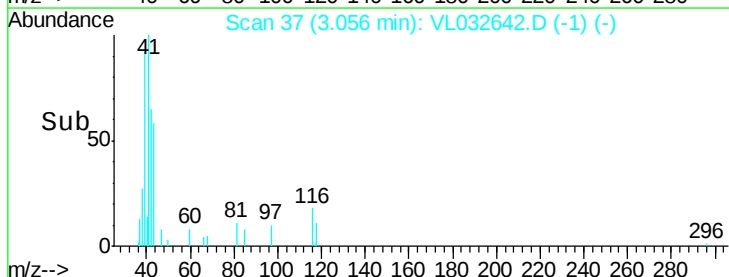
4000

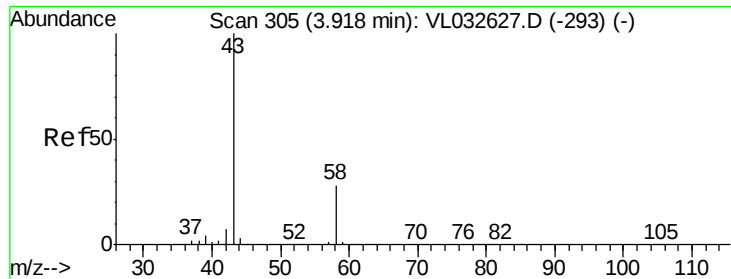
2000

0

3.00 3.05 3.10

Time-->





#15

Acetone

Concen: 0.45 ppbv

RT: 3.94 min Scan# 313

Delta R.T. 0.03 min

Lab File: VL032642.D

Acq: 17 Oct 2018 15:43

Instrument :

MSVOA_L

ClientSampleId :

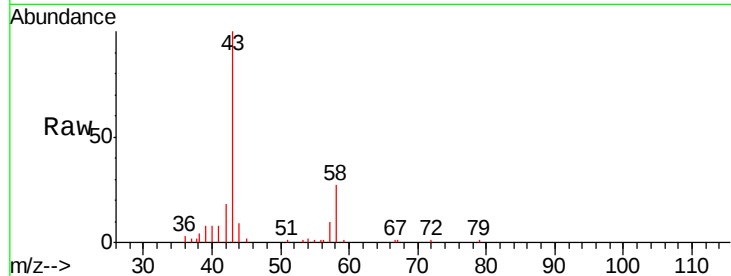
SS04-MIVIDL2

Tgt Ion: 43 Resp: 45706

Ion Ratio Lower Upper

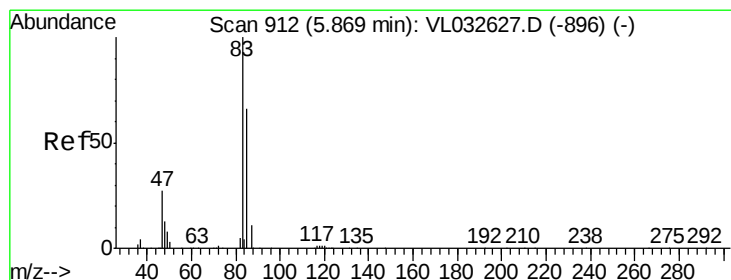
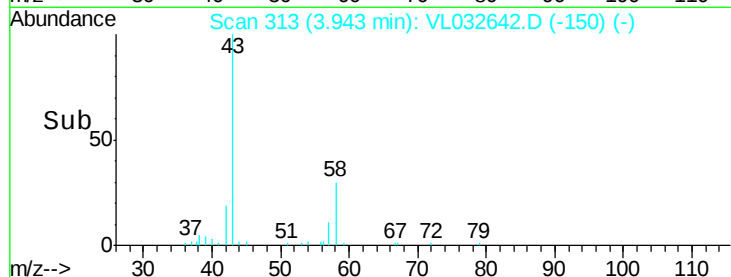
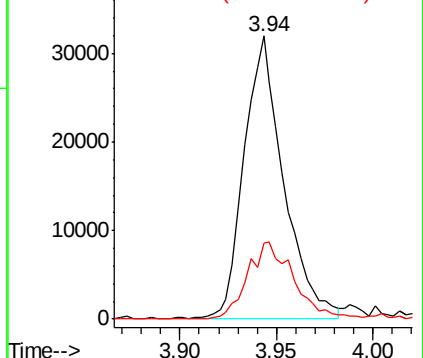
43 100

58 31.5 22.1 33.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#29

Chloroform

Concen: 15.83 ppbv

RT: 5.86 min Scan# 910

Delta R.T. -0.01 min

Lab File: VL032642.D

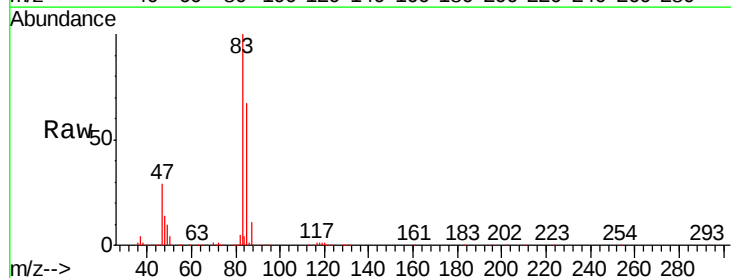
Acq: 17 Oct 2018 15:43

Tgt Ion: 83 Resp: 3005010

Ion Ratio Lower Upper

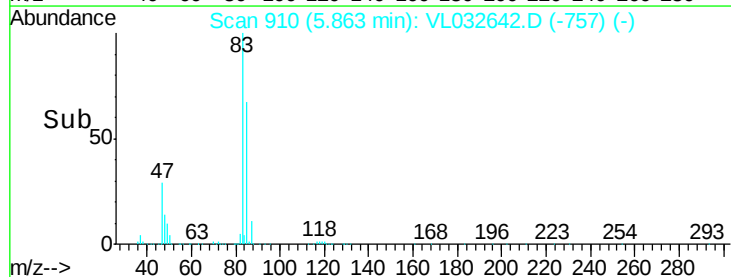
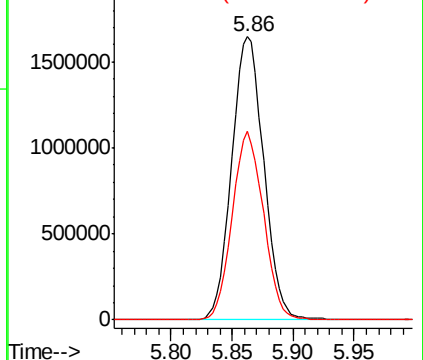
83 100

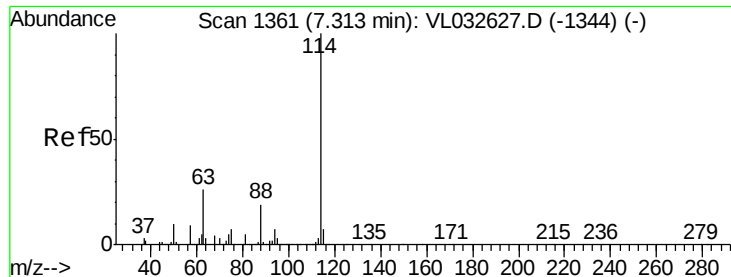
85 66.7 53.0 79.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

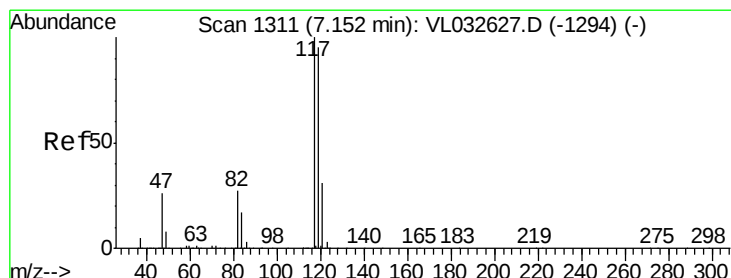
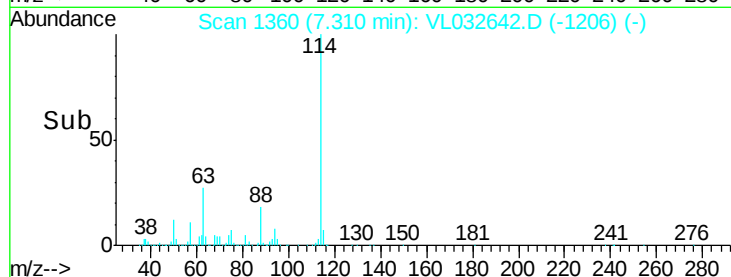
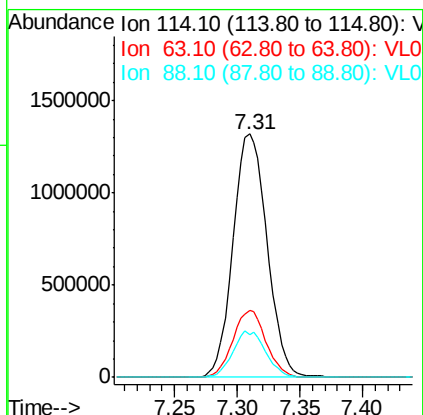
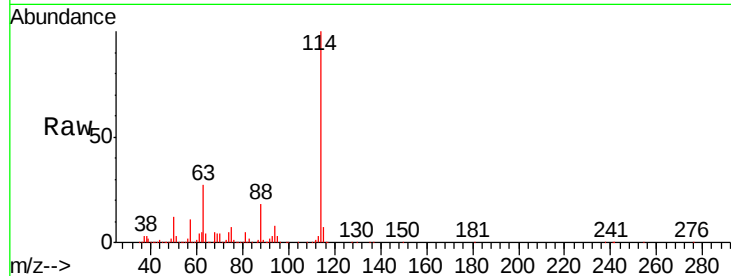




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.31 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VL032642.D
 Acq: 17 Oct 2018 15:43

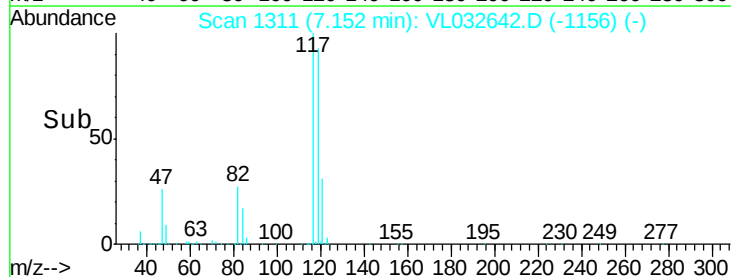
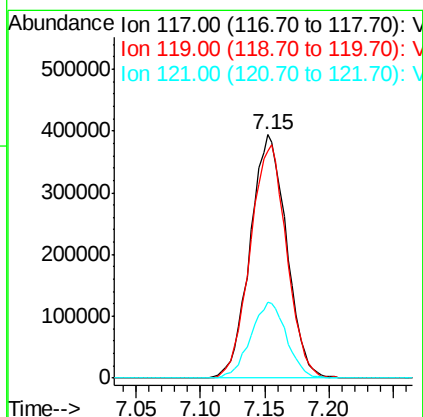
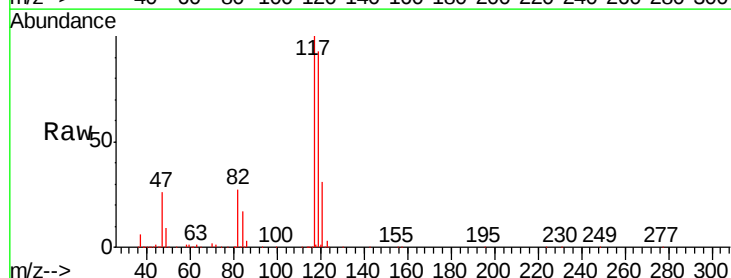
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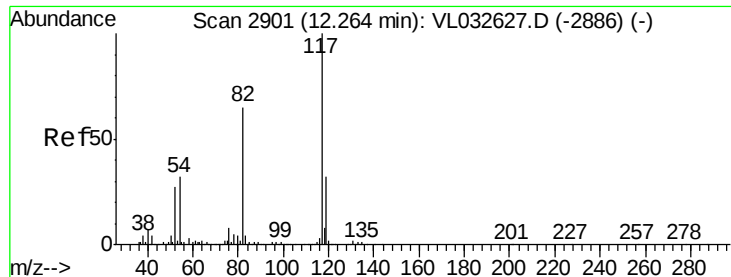
Tgt Ion:114 Resp: 2492186
 Ion Ratio Lower Upper
 114 100
 63 26.8 21.7 32.5
 88 18.5 14.9 22.3



#35
 Carbon Tetrachloride
 Concen: 4.01 ppbv
 RT: 7.15 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VL032642.D
 Acq: 17 Oct 2018 15:43

Tgt Ion:117 Resp: 775135
 Ion Ratio Lower Upper
 117 100
 119 93.2 75.7 113.5
 121 31.5 24.7 37.1

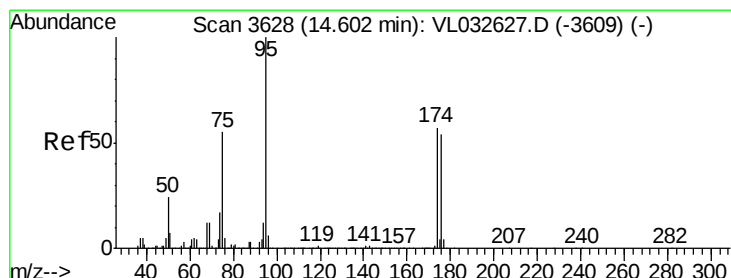
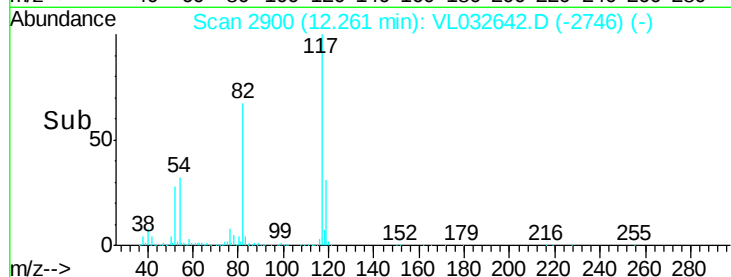
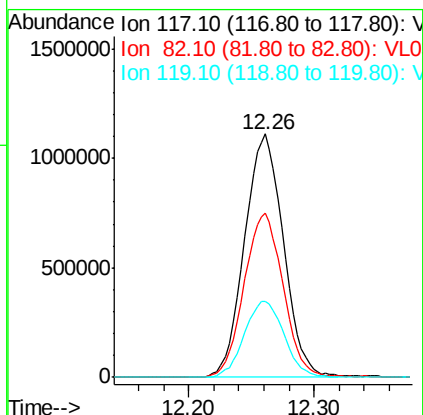
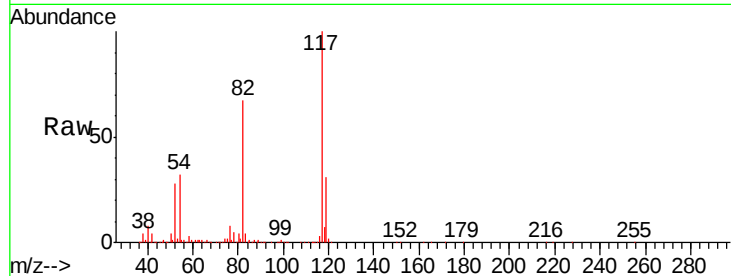




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.26 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL032642.D
Acq: 17 Oct 2018 15:43

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 117 Resp: 2396943
Ion Ratio Lower Upper
117 100
82 68.4 52.7 79.1
119 32.1 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.16 ppbv
RT: 14.60 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL032642.D
Acq: 17 Oct 2018 15:43

Tgt Ion: 95 Resp: 1833960
Ion Ratio Lower Upper
95 100
174 58.1 46.0 69.0
175 4.2 3.4 5.0

