

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL113018\
 Data File : VL032862.D
 Acq On : 30 Nov 2018 23:34
 Operator : SY/AP
 Sample : J6132-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-04DL

Quant Time: Dec 08 00:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1439955	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3571723	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3460555	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2629864	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

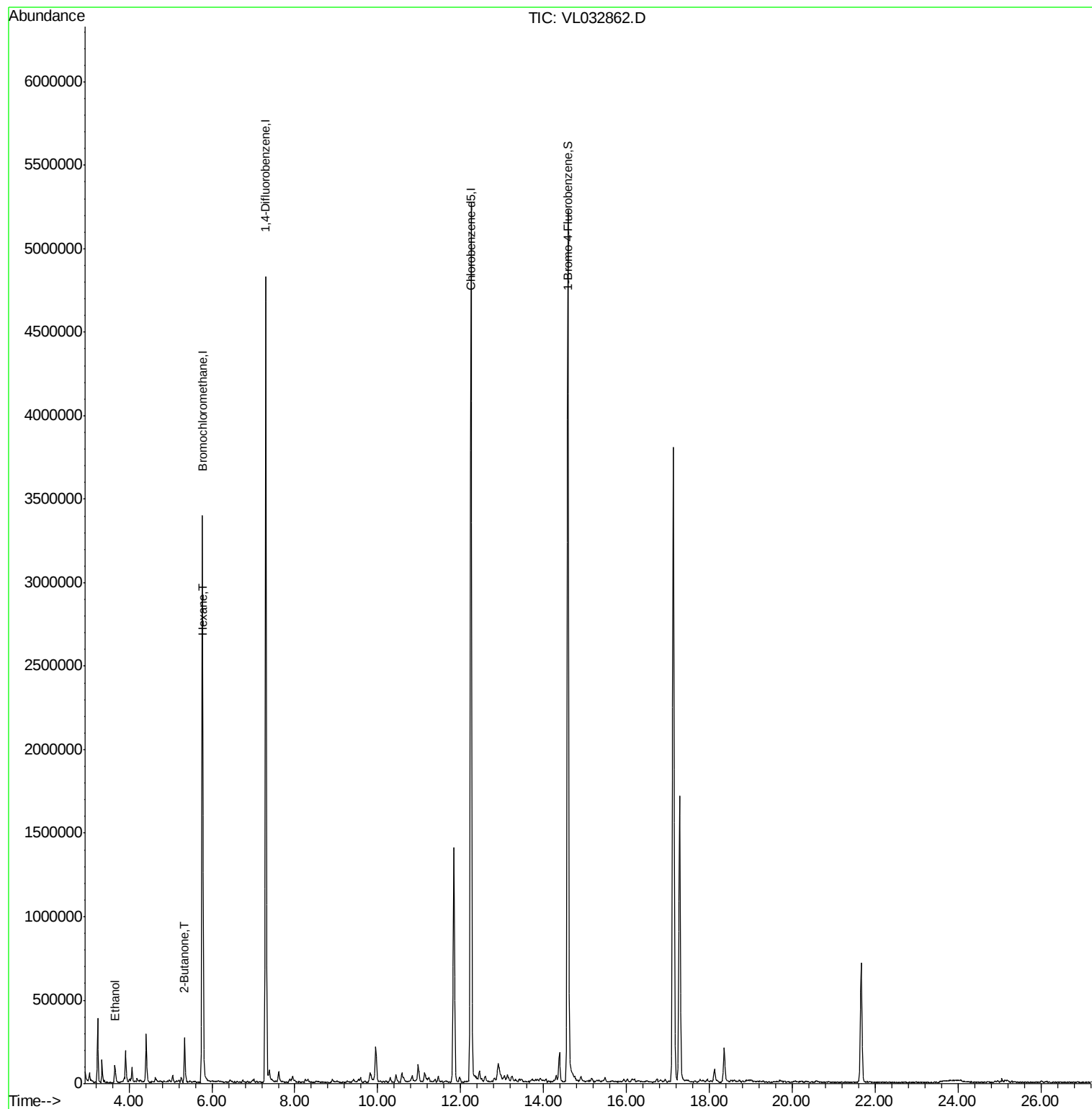
Target Compounds					Ovalue
13) Ethanol	3.66	45	116545	7.789 ppbv	98
26) Hexane	5.79	57	231759	1.699 ppbv #	44
34) 2-Butanone	5.34	43	303091	1.636 ppbv	97

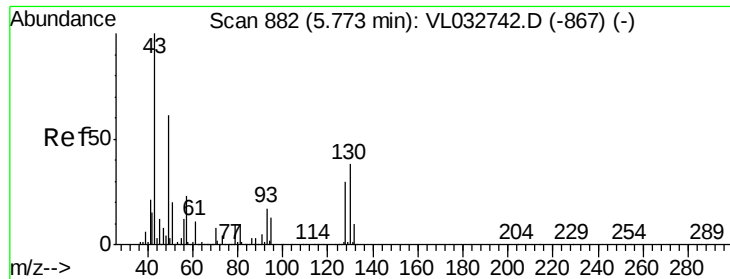
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL113018\
Data File : VL032862.D
Acq On : 30 Nov 2018 23:34
Operator : SY/AP
Sample : J6132-05DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Quant Time: Dec 08 00:18:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032862.D

Acq: 30 Nov 2018 23:34

Instrument :

MSVOA_L

ClientSampleId :

DSV-04DL

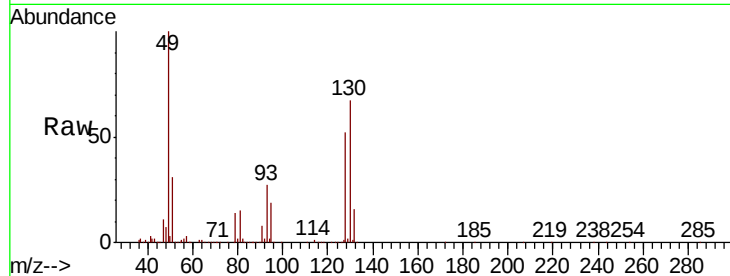
Tot Ion: 49 Resp: 1439955

Ion Ratio Lower Upper

49 100

128 53.8 24.9 74.6

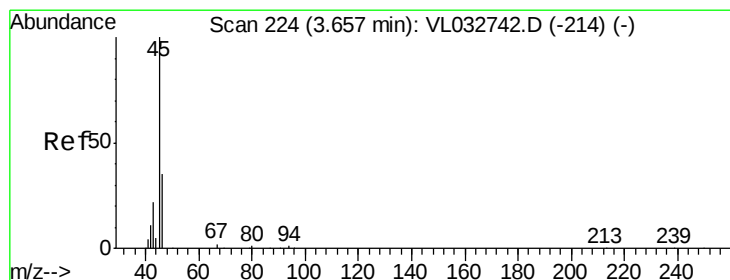
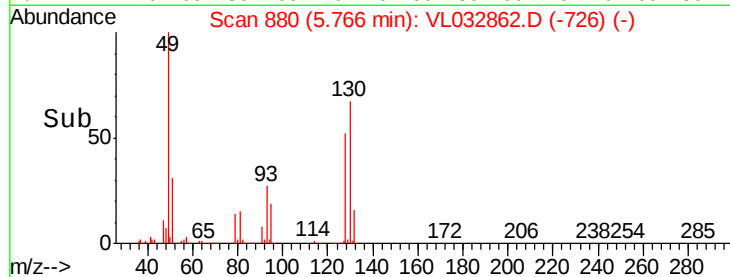
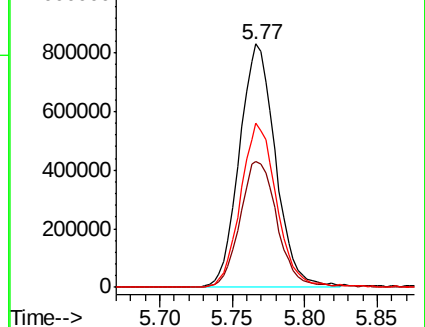
130 68.0 31.4 94.2



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: 7.789 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.01 min

Lab File: VL032862.D

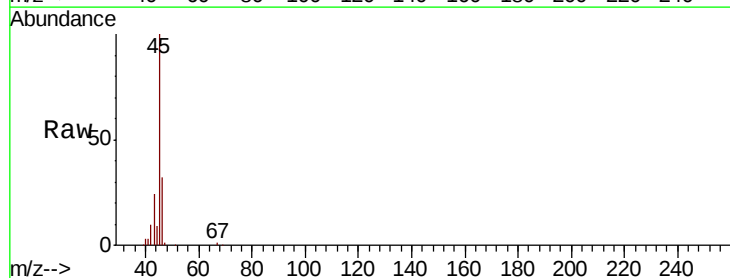
Acq: 30 Nov 2018 23:34

Tgt Ion: 45 Resp: 116545

Ion Ratio Lower Upper

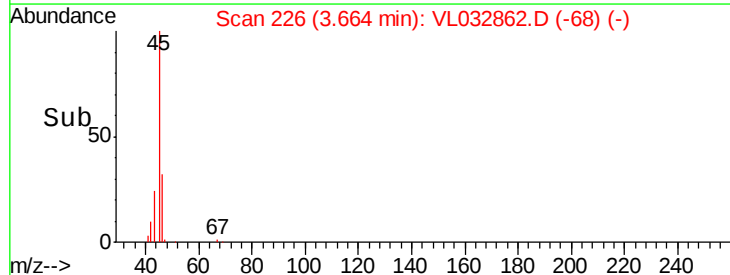
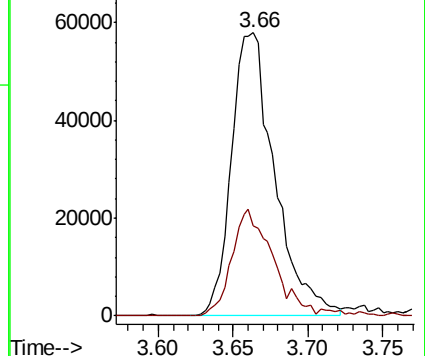
45 100

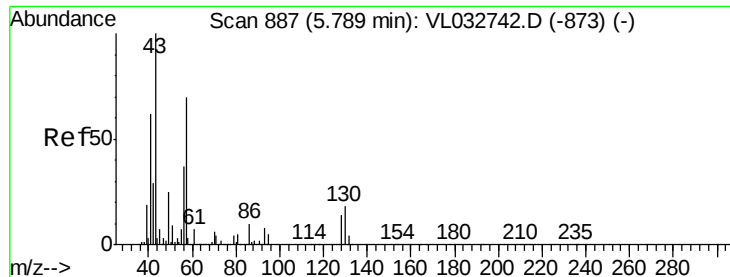
46 37.2 14.5 57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

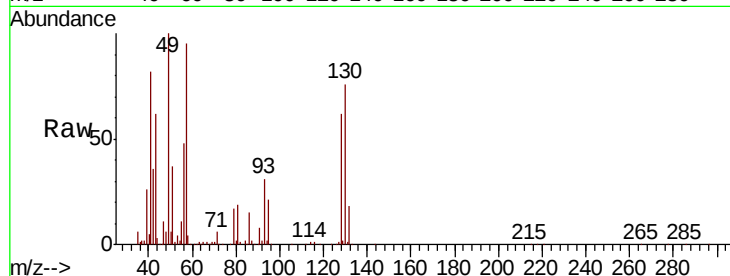




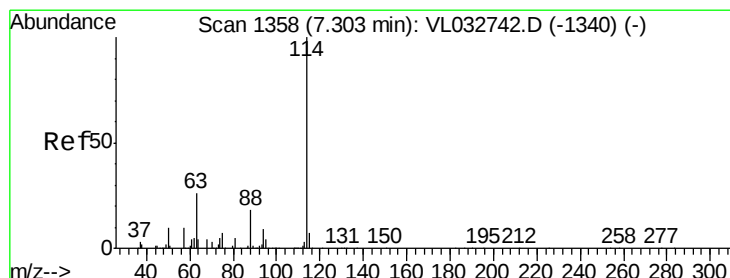
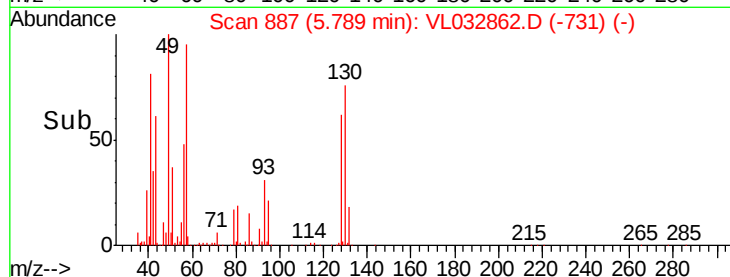
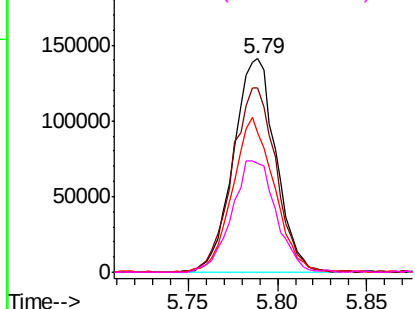
#26
Hexane
Concen: 1.699 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032862.D
Acq: 30 Nov 2018 23:34

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Tot Ion: 57 Resp: 231759
Ion Ratio Lower Upper
57 100
41 90.7 70.3 105.5
43 72.1 174.0 261.0#
56 54.9 42.3 63.5

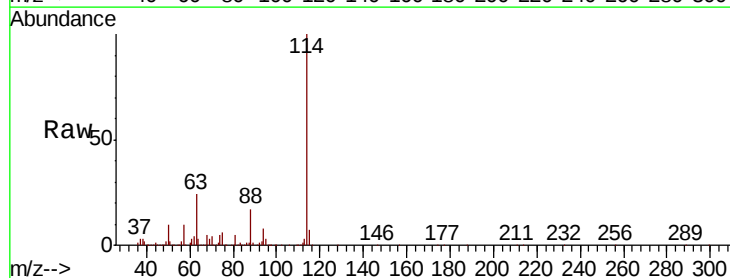


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

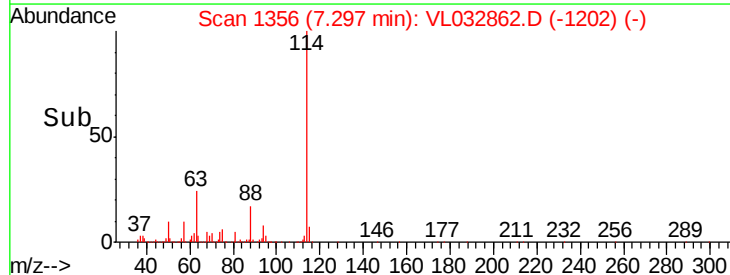
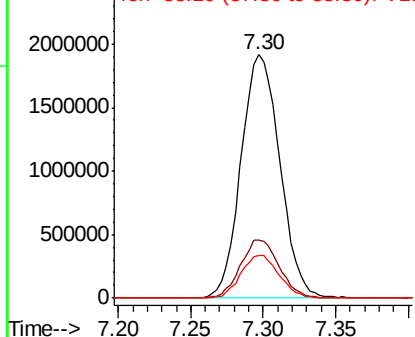


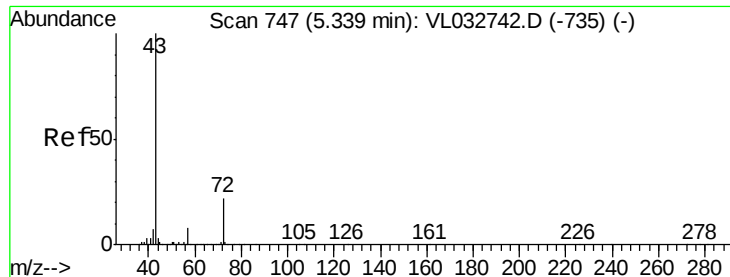
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032862.D
Acq: 30 Nov 2018 23:34

Tgt Ion: 114 Resp: 3571723
Ion Ratio Lower Upper
114 100
63 23.8 20.9 31.3
88 17.4 14.4 21.6



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

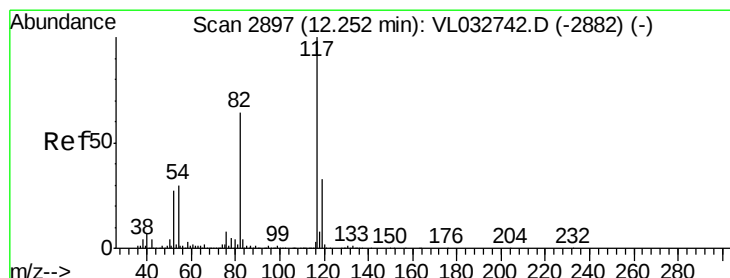
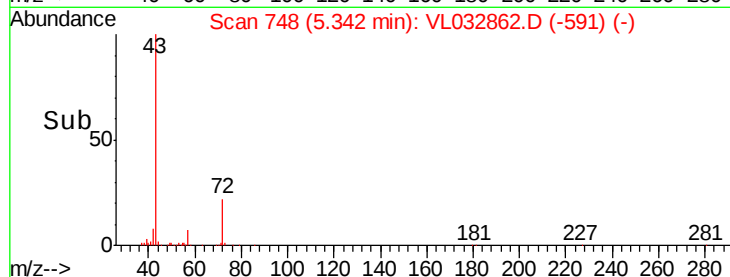
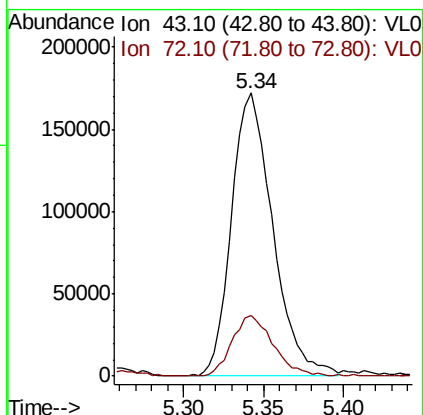
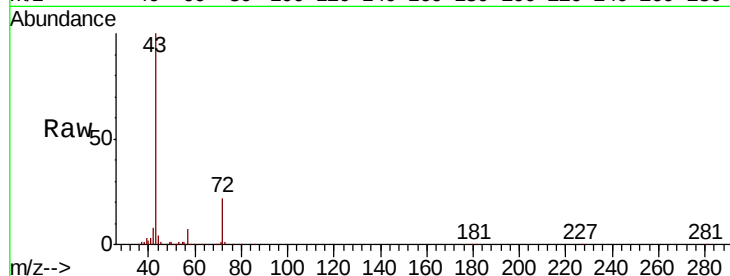




#34
2-Butanone
Concen: 1.636 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032862.D
Acq: 30 Nov 2018 23:34

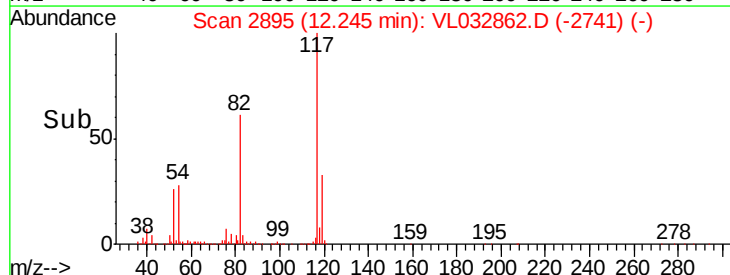
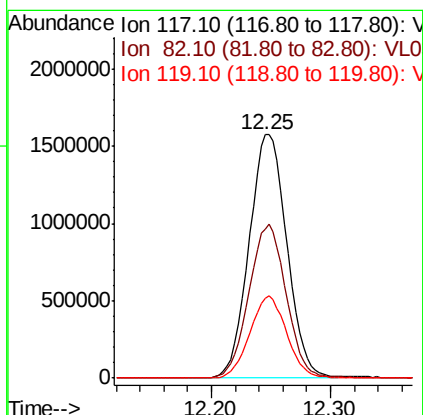
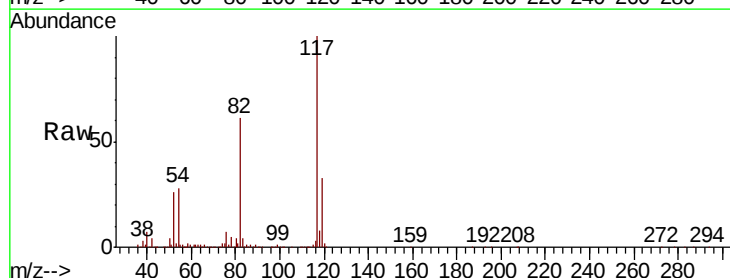
Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

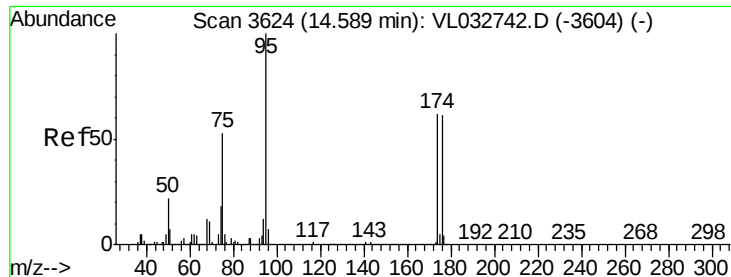
Tot Ion: 43 Resp: 303091
Ion Ratio Lower Upper
43 100
72 21.4 18.4 27.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032862.D
Acq: 30 Nov 2018 23:34

Tgt Ion: 117 Resp: 3460555
Ion Ratio Lower Upper
117 100
82 63.0 51.0 76.6
119 33.2 28.0 42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.161 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VL032862.D

Acq: 30 Nov 2018 23:34

Instrument :

MSVOA_L

ClientSampleId :

DSV-04DL

Tot Ion: 95 Resp: 2629864

Ion Ratio Lower Upper

95 100

174 66.8 50.7 76.1

175 4.9 3.8 5.6

