

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032439.D
 Acq On : 31 Aug 2018 13:13
 Operator : SY/AP
 Sample : VL0831ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

Quant Time: Sep 01 02:00:18 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	1934647	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3677412	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3647324	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2723972	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

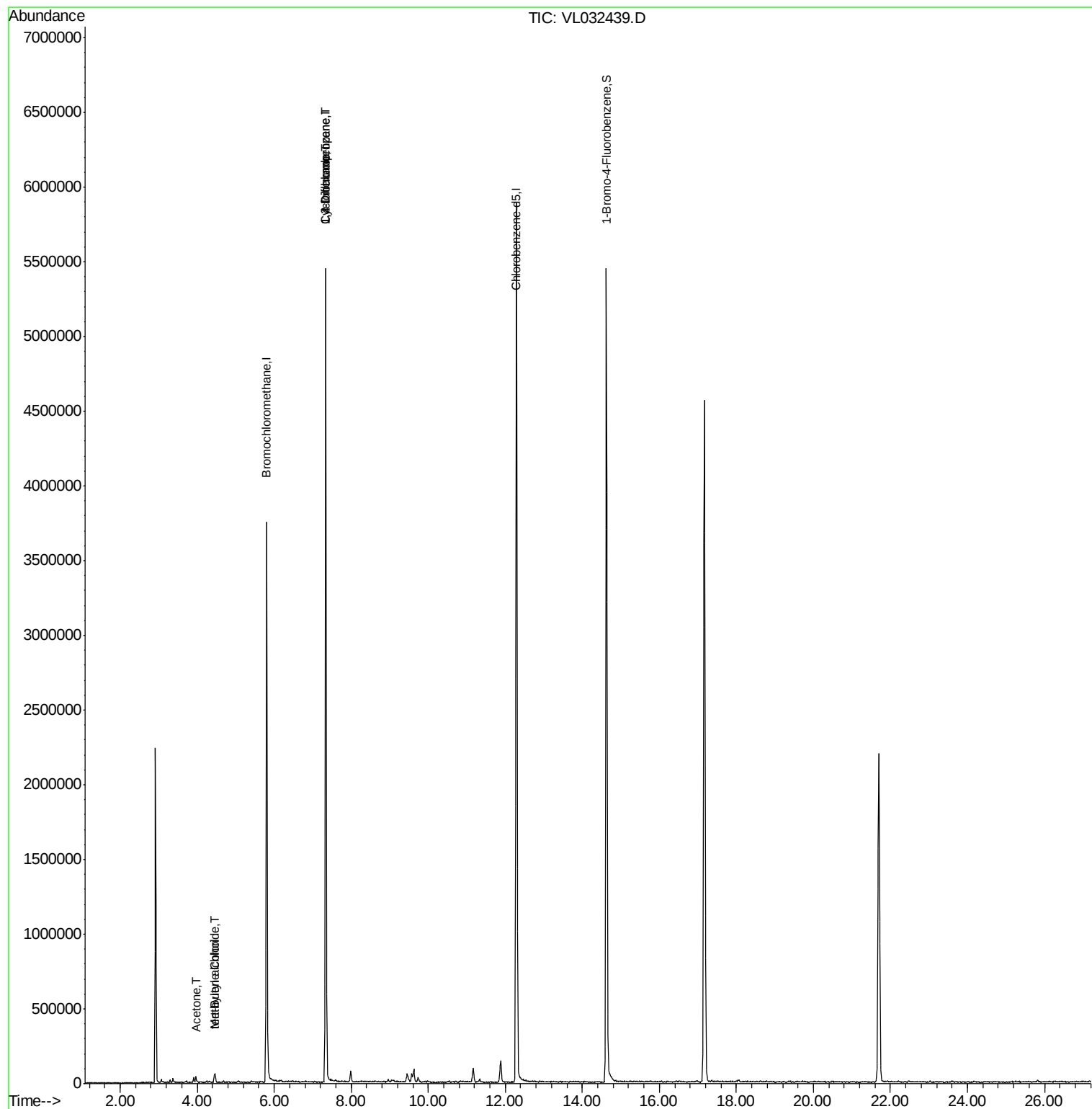
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.96	43	37160	0.213	ppbv #	89
17) tert-Butyl alcohol	4.44	59	2606	0.097	ppbv #	100
20) Methylene Chloride	4.45	84	12902	0.194	ppbv	94
30) Cyclohexane	7.33	84	8958	0.066	ppbv #	1
39) 1,2-Dichloropropane	7.33	63	1011584	7.555	ppbv #	25

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

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Quant Time: Sep 01 02:00:18 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: 10.000 ppbv

RT: 5.80 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VL032439.D

Acq: 31 Aug 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABL01

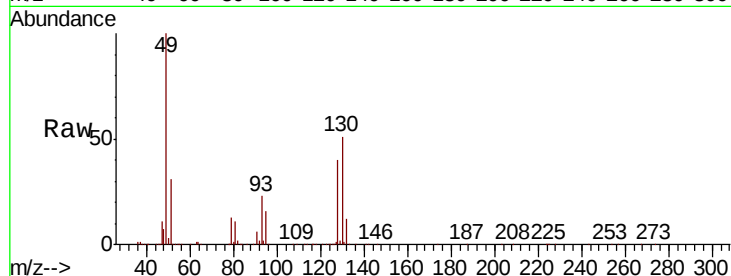
Tgt Ion: 49 Resp: 1934647

Ion Ratio Lower Upper

49 100

128 41.9 20.7 62.1

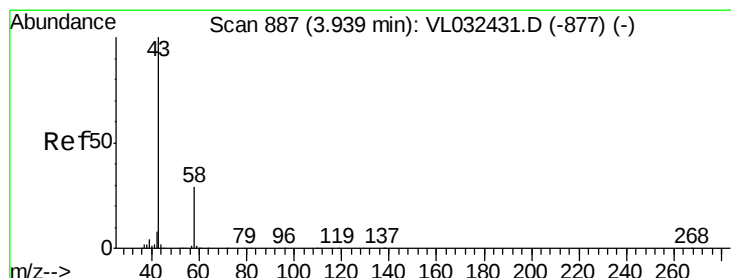
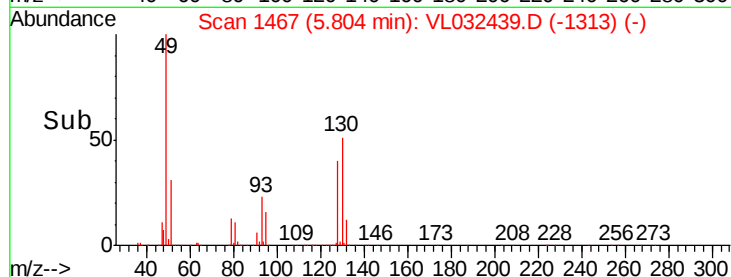
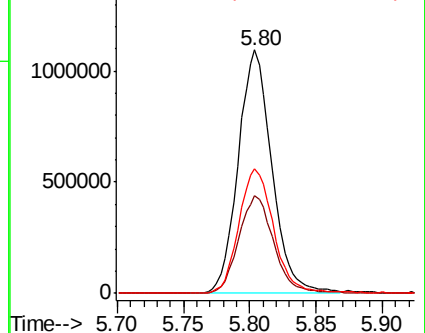
130 53.3 26.6 79.7



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



#15

Acetone

Concen: 0.213 ppbv

RT: 3.96 min Scan# 895

Delta R.T. 0.03 min

Lab File: VL032439.D

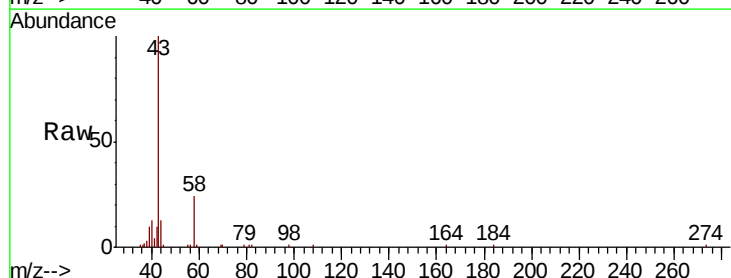
Acq: 31 Aug 2018 13:13

Tgt Ion: 43 Resp: 37160

Ion Ratio Lower Upper

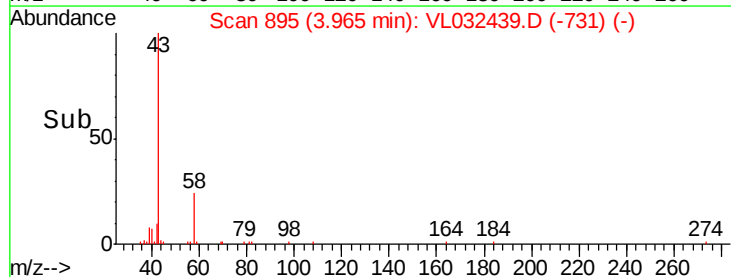
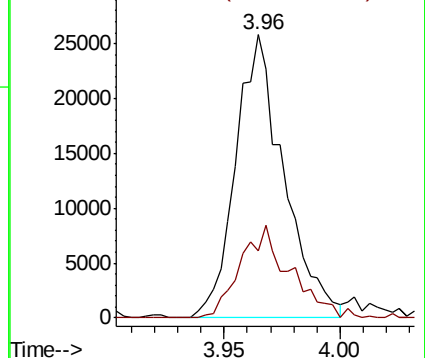
43 100

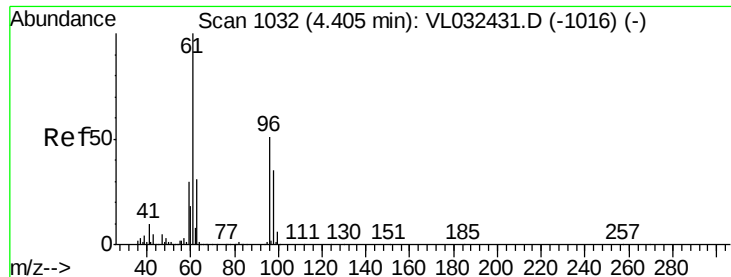
58 34.1 22.6 33.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

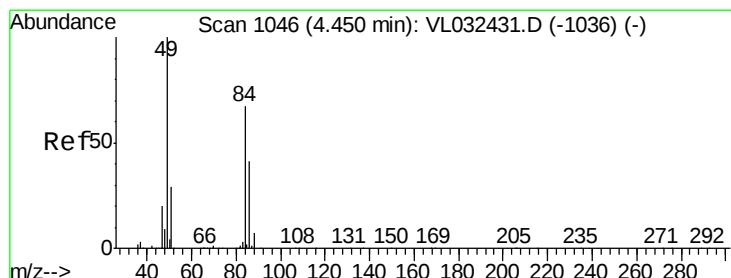
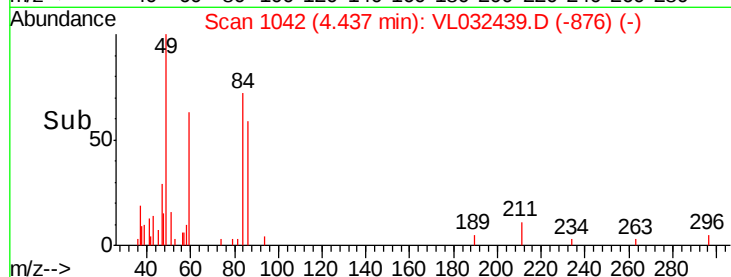
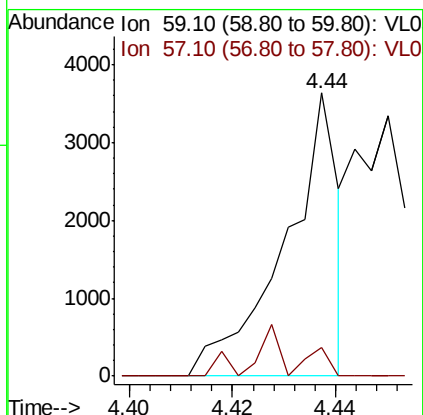
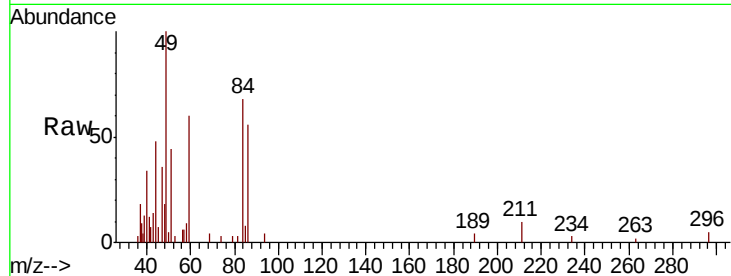




#17
 tert-Butyl alcohol
 Concen: 0.097 ppbv
 RT: 4.44 min Scan# 1042
 Delta R.T. 0.03 min
 Lab File: VL032439.D
 Acq: 31 Aug 2018 13:13

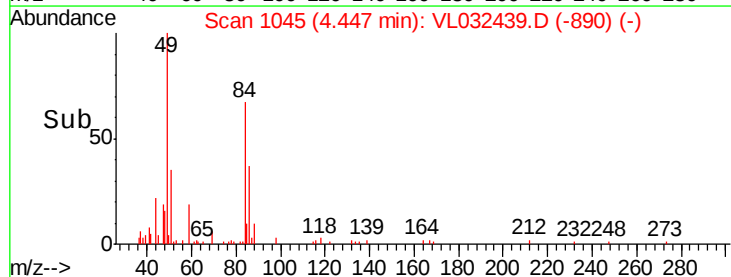
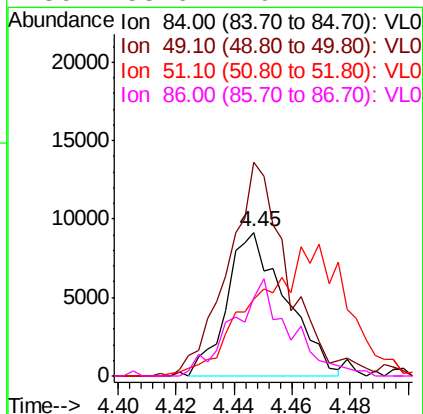
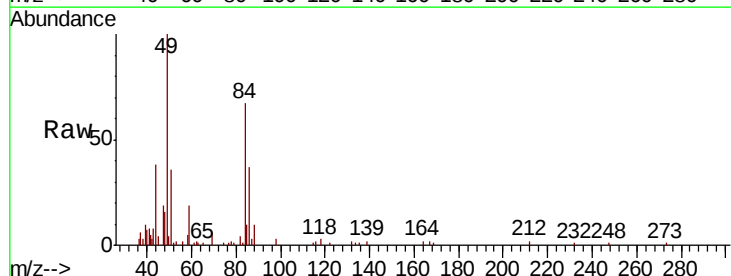
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

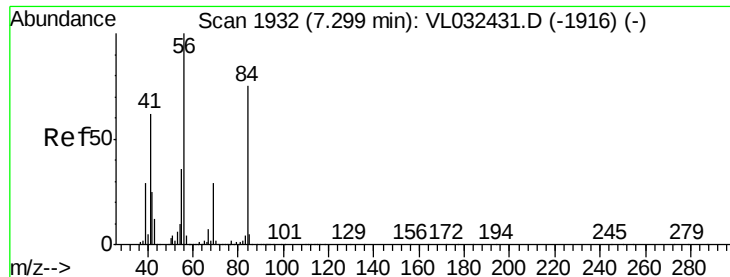
Tgt Ion: 59 Resp: 2606
 Ion Ratio Lower Upper
 59 100
 57 3.6 0.0 0.0#



#20
 Methylene Chloride
 Concen: 0.194 ppbv
 RT: 4.45 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: VL032439.D
 Acq: 31 Aug 2018 13:13

Tgt Ion: 84 Resp: 12902
 Ion Ratio Lower Upper
 84 100
 49 145.0 119.1 178.7
 51 50.1 35.2 52.8
 86 53.6 49.4 74.2

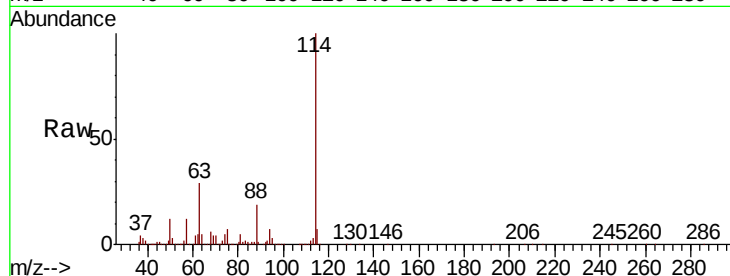




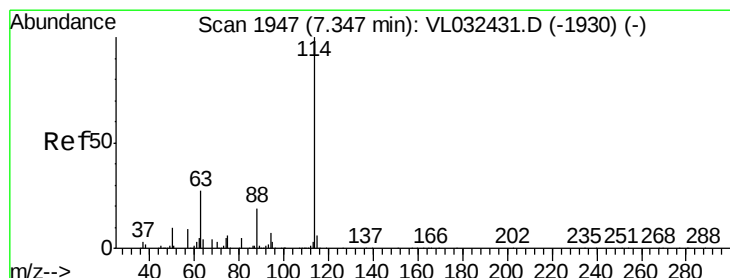
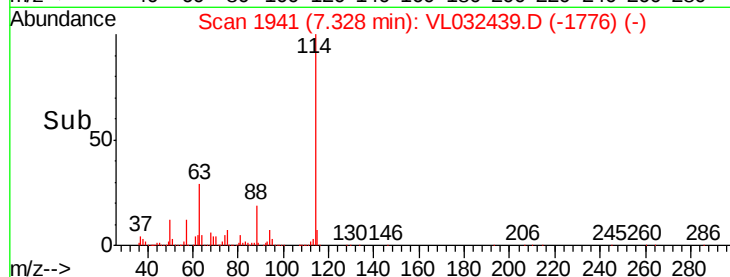
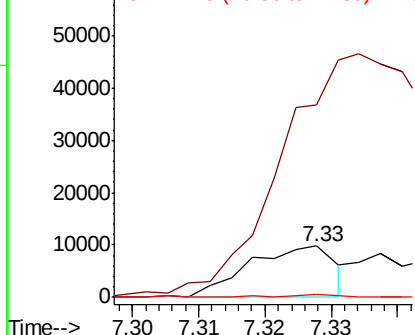
#30
Cyclohexane
Concen: 0.066 ppbv
RT: 7.33 min Scan# 1941
Delta R.T. 0.03 min
Lab File: VL032439.D
Acq: 31 Aug 2018 13:13

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABL01

Tgt Ion: 84 Resp: 8958
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 3.7 68.1 102.1#

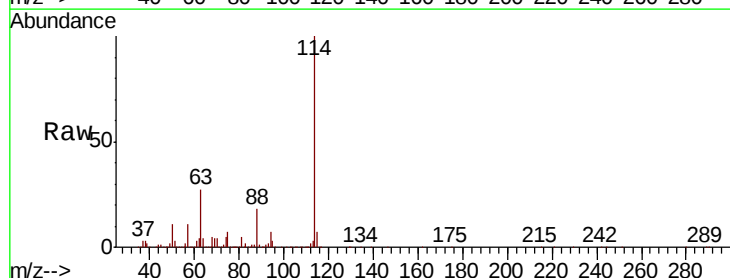


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

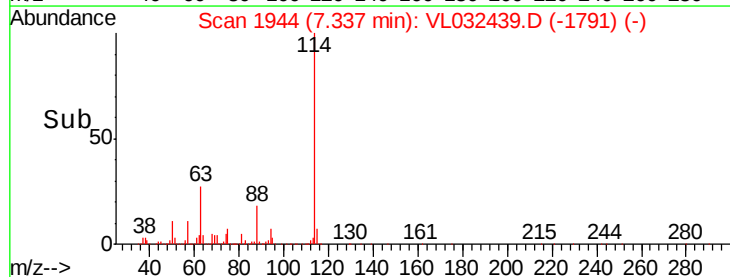
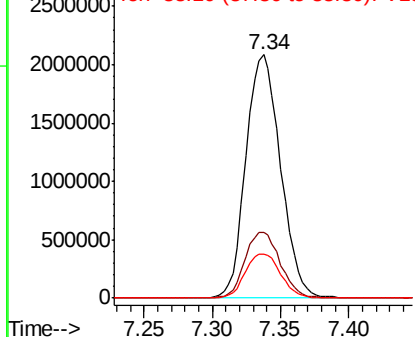


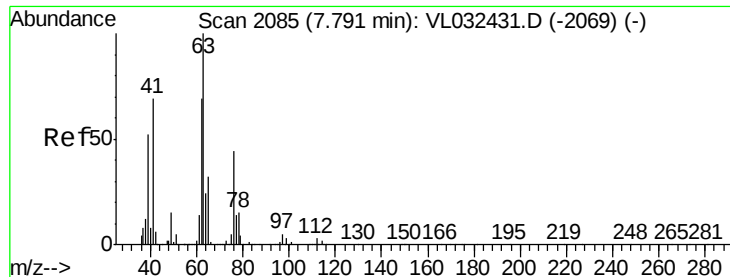
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VL032439.D
Acq: 31 Aug 2018 13:13

Tgt Ion: 114 Resp: 3677412
Ion Ratio Lower Upper
114 100
63 27.6 22.2 33.4
88 18.6 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





#39

1,2-Dichloropropane

Concen: 7.555 ppbv

RT: 7.33 min Scan# 1943

Delta R.T. -0.46 min

Lab File: VL032439.D

Acq: 31 Aug 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABL01

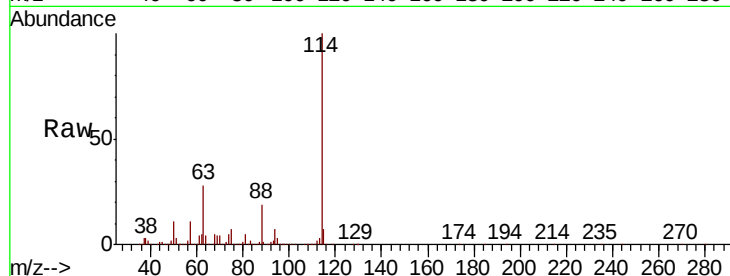
Tgt Ion: 63 Resp: 1011584

Ion Ratio Lower Upper

63 100

41 0.0 55.4 83.0#

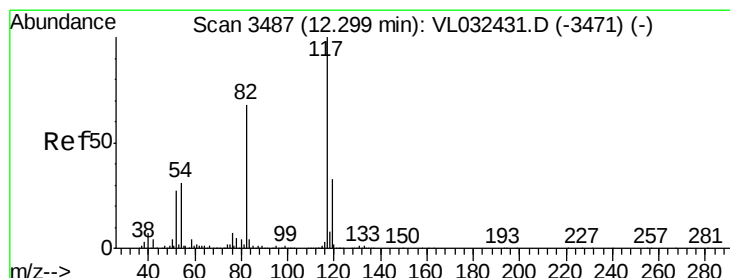
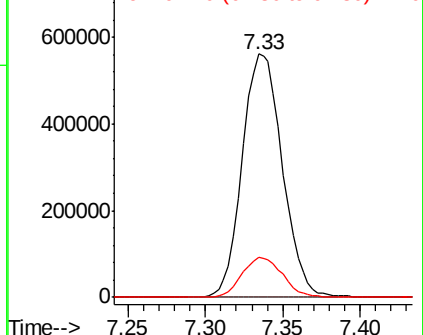
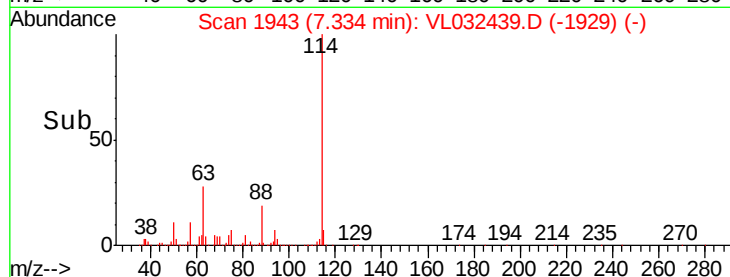
62 16.3 55.4 83.0#



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: 12.29 min Scan# 3484

Delta R.T. -0.01 min

Lab File: VL032439.D

Acq: 31 Aug 2018 13:13

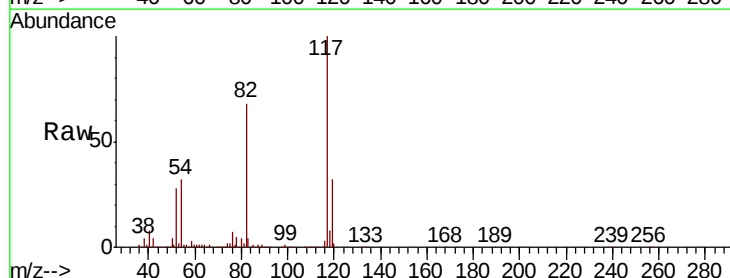
Tgt Ion: 117 Resp: 3647324

Ion Ratio Lower Upper

117 100

82 67.4 53.0 79.6

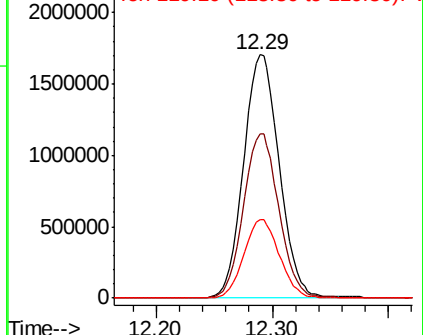
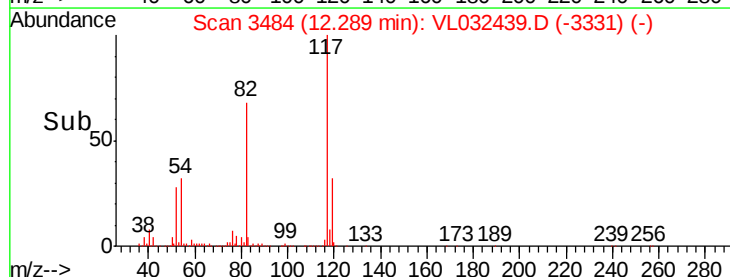
119 32.3 45.9 68.9#

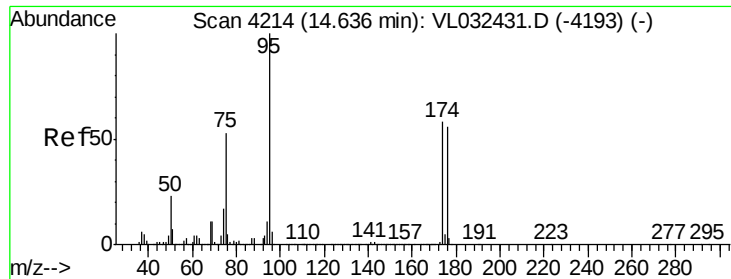


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 14.63 min Scan# 4211
 Delta R.T. -0.01 min
 Lab File: VL032439.D
 Acq: 31 Aug 2018 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

Tgt Ion: 95 Resp: 2723972
 Ion Ratio Lower Upper
 95 100
 174 58.1 46.3 69.5
 175 4.1 3.4 5.0

