

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033486.D
 Acq On : 28 Mar 2019 2:51
 Operator : SY/AP
 Sample : K1991-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VMP-2DL

Quant Time: Mar 31 11:29:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	826974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1992100	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1996312	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1533545	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

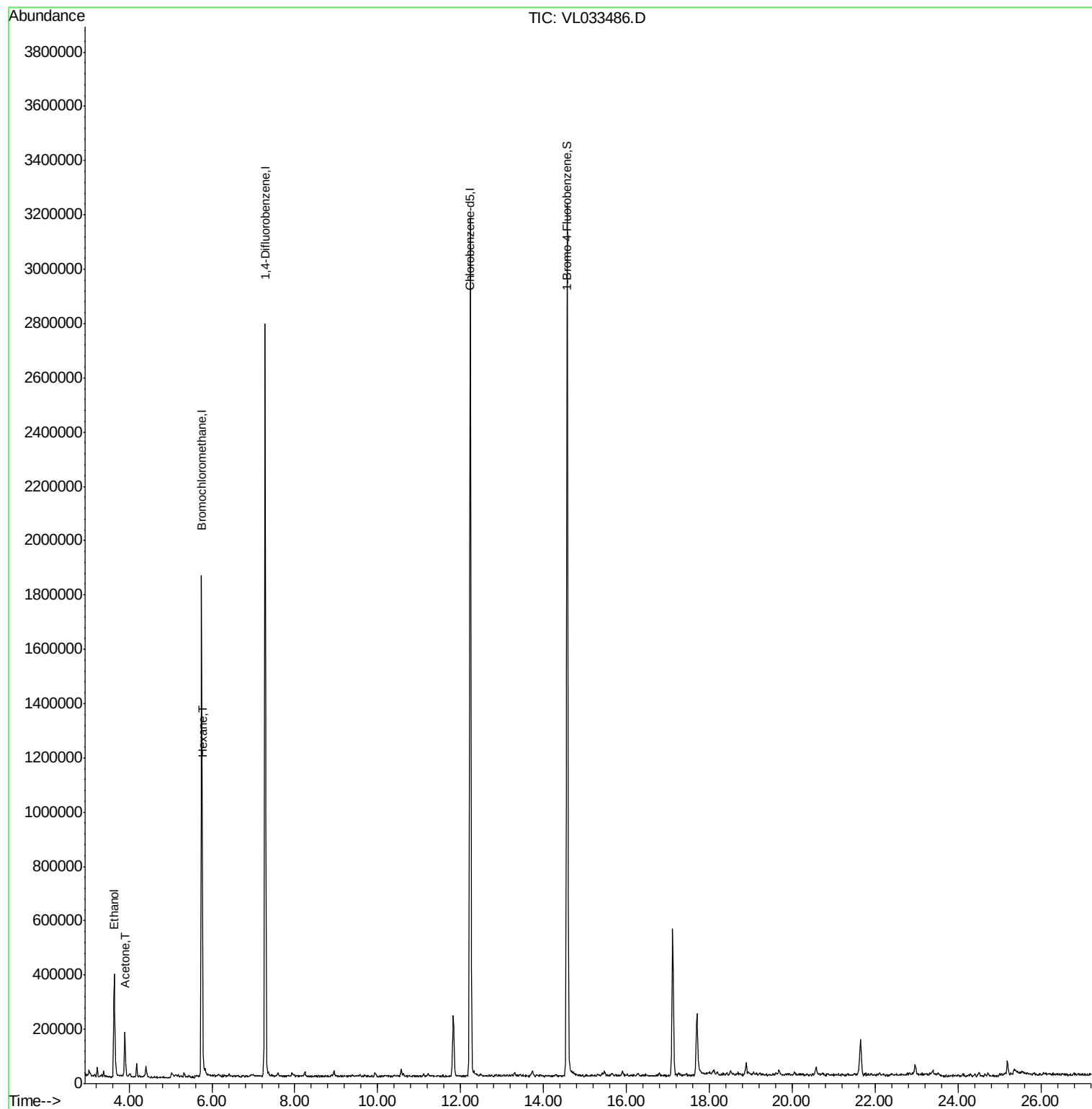
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.64	45	435818	42.123	ppbv	66
15) Acetone	3.90	43	167304	1.683	ppbv	99
26) Hexane	5.78	57	17221	0.210	ppbv #	43

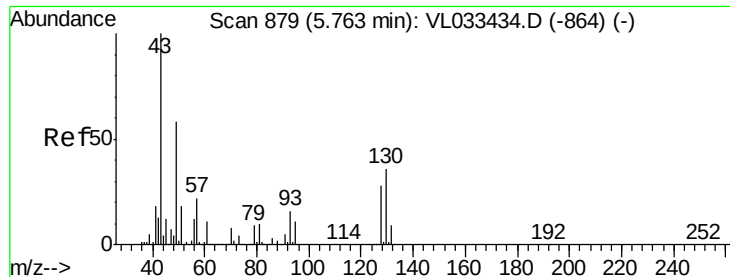
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032719\
Data File : VL033486.D
Acq On : 28 Mar 2019 2:51
Operator : SY/AP
Sample : K1991-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VMP-2DL

Quant Time: Mar 31 11:29:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

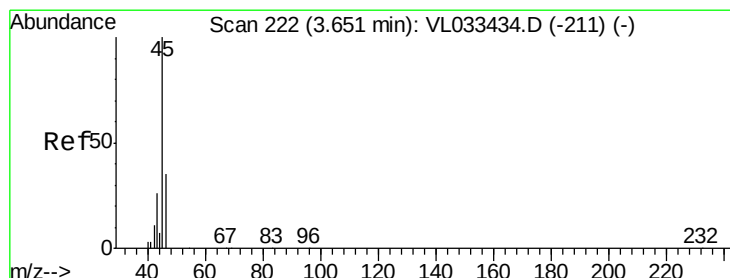
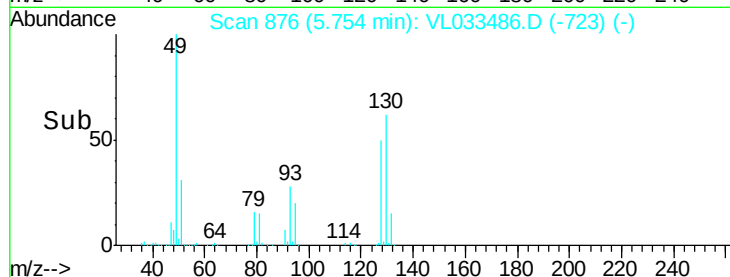
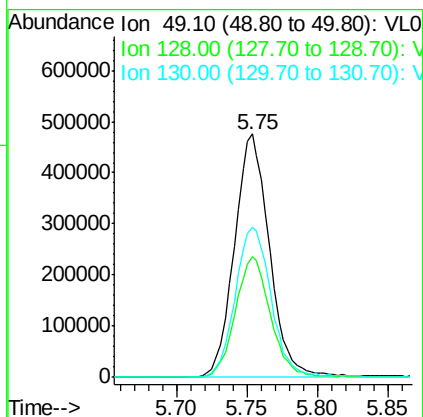
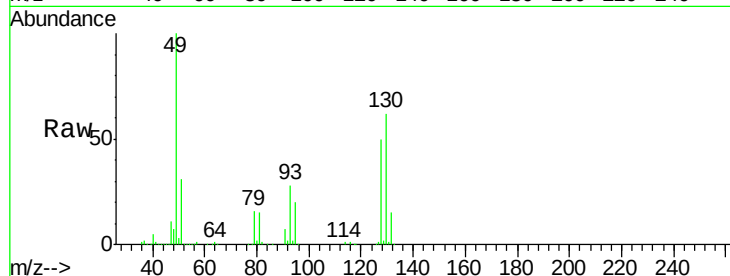




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033486.D
Acq: 28 Mar 2019 2:51

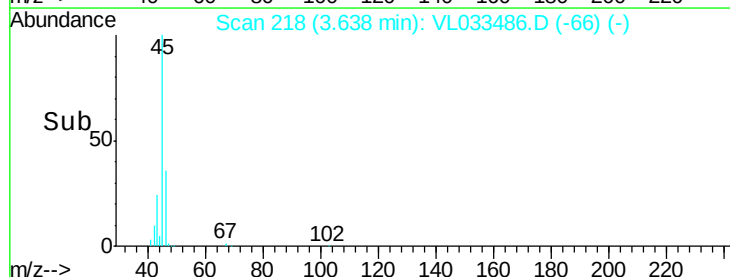
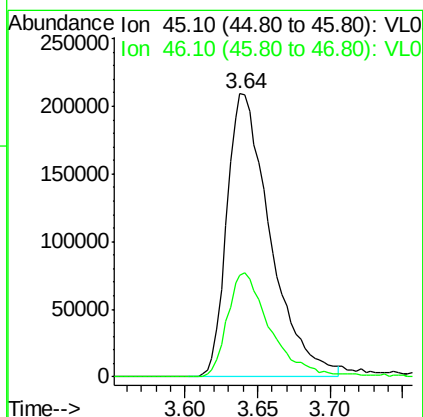
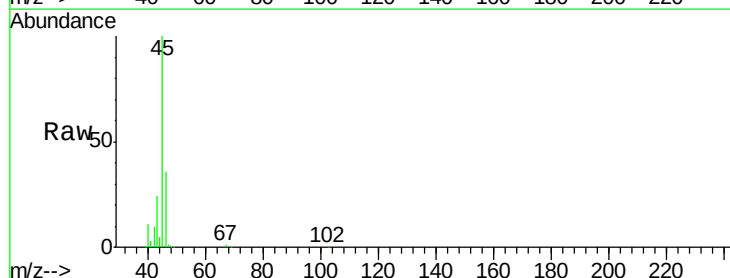
Instrument :
MSVOA_L
ClientSampleId :
VMP-2DL

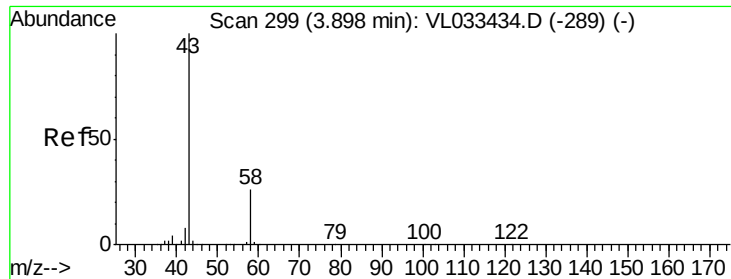
Tot Ion: 49 Resp: 826974
Ion Ratio Lower Upper
49 100
128 50.0 24.0 72.0
130 64.2 31.2 93.6



#13
Ethanol
Concen: 42.123 ppbv
RT: 3.64 min Scan# 218
Delta R.T. -0.01 min
Lab File: VL033486.D
Acq: 28 Mar 2019 2:51

Tgt Ion: 45 Resp: 435818
Ion Ratio Lower Upper
45 100
46 36.9 25.4 101.8





#15

Acetone

Concen: 1.683 ppbv

RT: 3.90 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL033486.D

Acq: 28 Mar 2019 2:51

Instrument :

MSVOA_L

ClientSampleId :

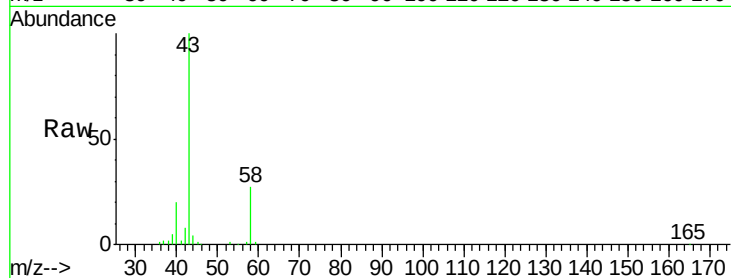
VMP-2DL

Tot Ion: 43 Resp: 167304

Ion Ratio Lower Upper

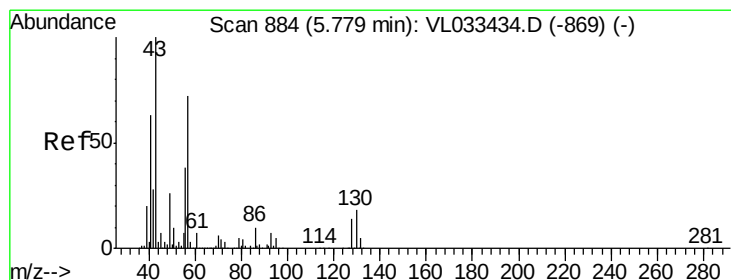
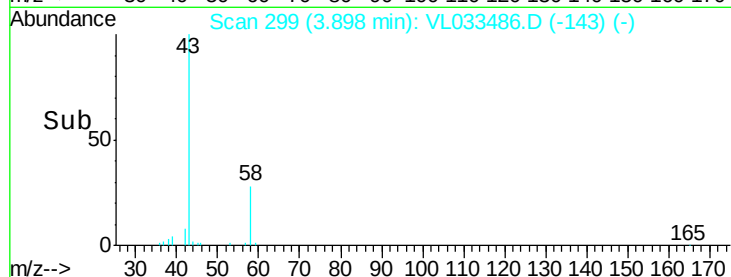
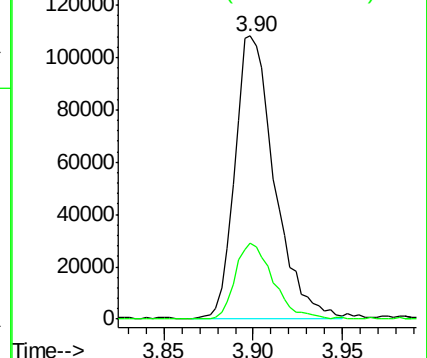
43 100

58 25.9 20.5 30.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#26

Hexane

Concen: 0.210 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.00 min

Lab File: VL033486.D

Acq: 28 Mar 2019 2:51

Tgt Ion: 57 Resp: 17221

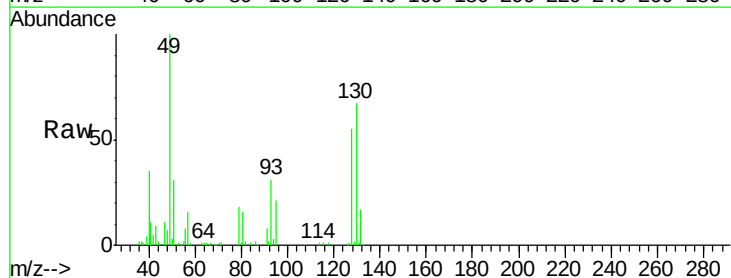
Ion Ratio Lower Upper

57 100

41 100.2 70.7 106.1

43 86.4 182.6 274.0#

56 57.4 42.0 63.0

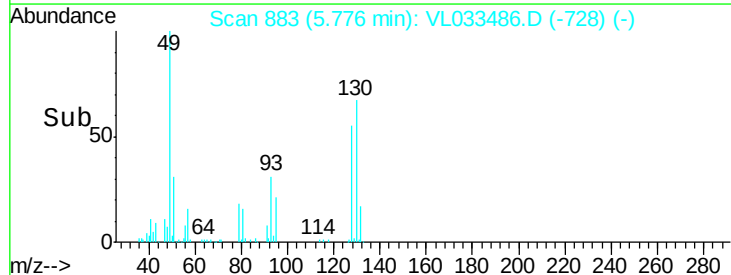
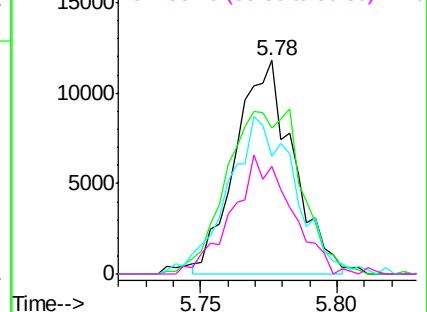


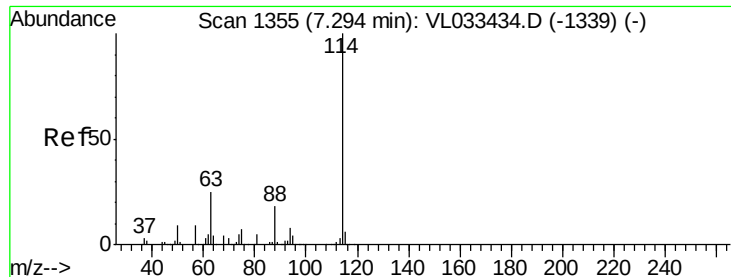
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

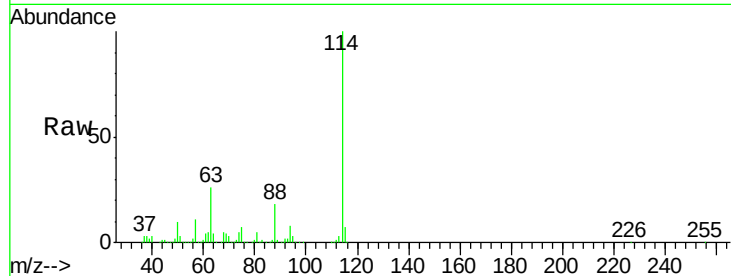




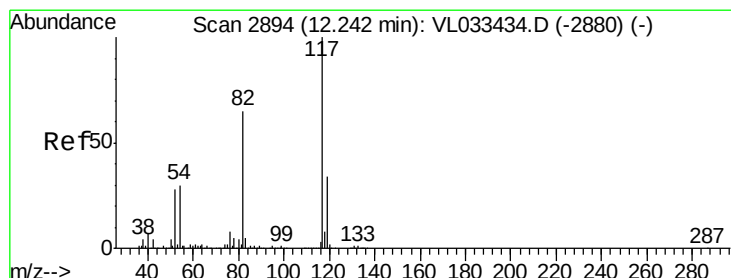
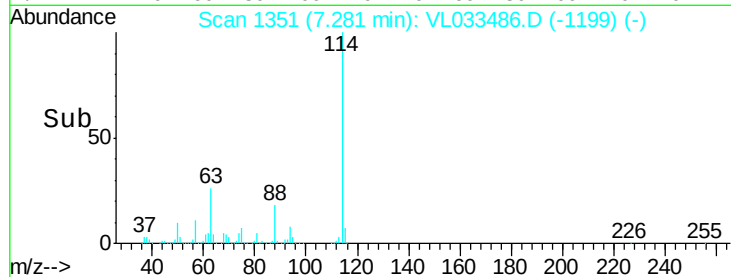
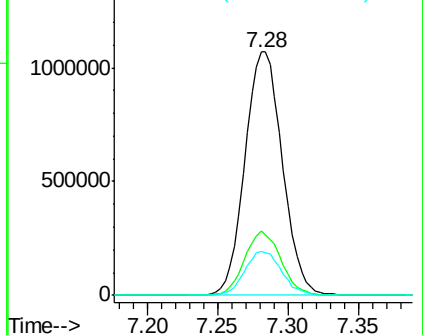
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033486.D
 Acq: 28 Mar 2019 2:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VMP-2DL

Tot Ion:114 Resp: 1992100
 Ion Ratio Lower Upper
 114 100
 63 25.7 21.5 32.3
 88 17.8 14.5 21.7

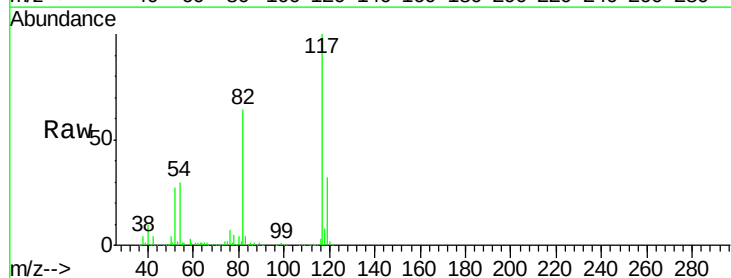


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

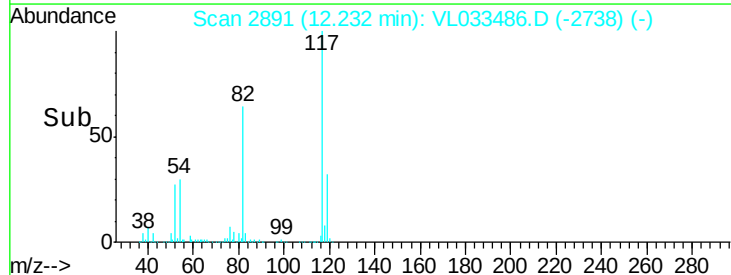
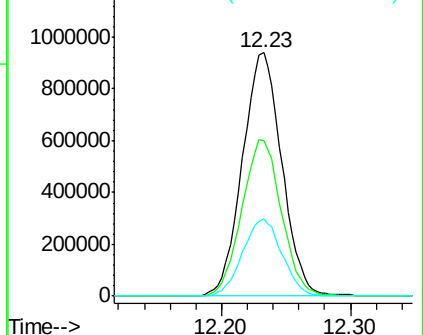


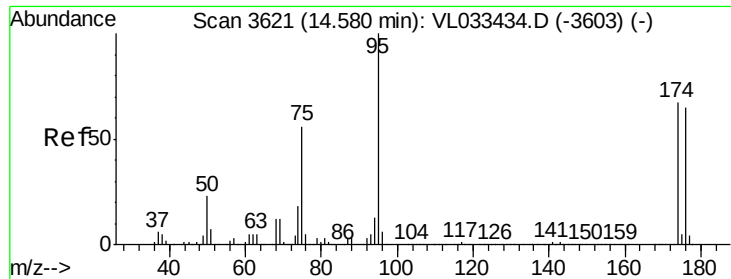
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL033486.D
 Acq: 28 Mar 2019 2:51

Tgt Ion:117 Resp: 1996312
 Ion Ratio Lower Upper
 117 100
 82 65.1 51.5 77.3
 119 32.1 25.5 38.3



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: 9.799 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033486.D

Acq: 28 Mar 2019 2:51

Instrument :

MSVOA_L

ClientSampleId :

VMP-2DL

Tot Ion: 95 Resp: 1533545

Ion Ratio Lower Upper

95 100

174 67.4 52.9 79.3

175 4.8 3.8 5.6

