

Data File : VL033777.D
Acq On : 23 May 2019 17:26
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 24 04:25:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	1083685	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2729680	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2679472	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2153889	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.01	51	1403	0.011	ppbv	98
9) Propene	3.03	41	691	0.013	ppbv #	15
11) Trichlorofluoromethane	3.88	101	2640	0.012	ppbv	84
13) Ethanol	3.67	45	215	0.013	ppbv #	9
30) Cyclohexane	7.26	84	1852	0.019	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	641446	6.929	ppbv #	22

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

Data File : VL033777.D

Acq On : 23 May 2019 17:26

Operator : SY/AP

Sample : VIBLK

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

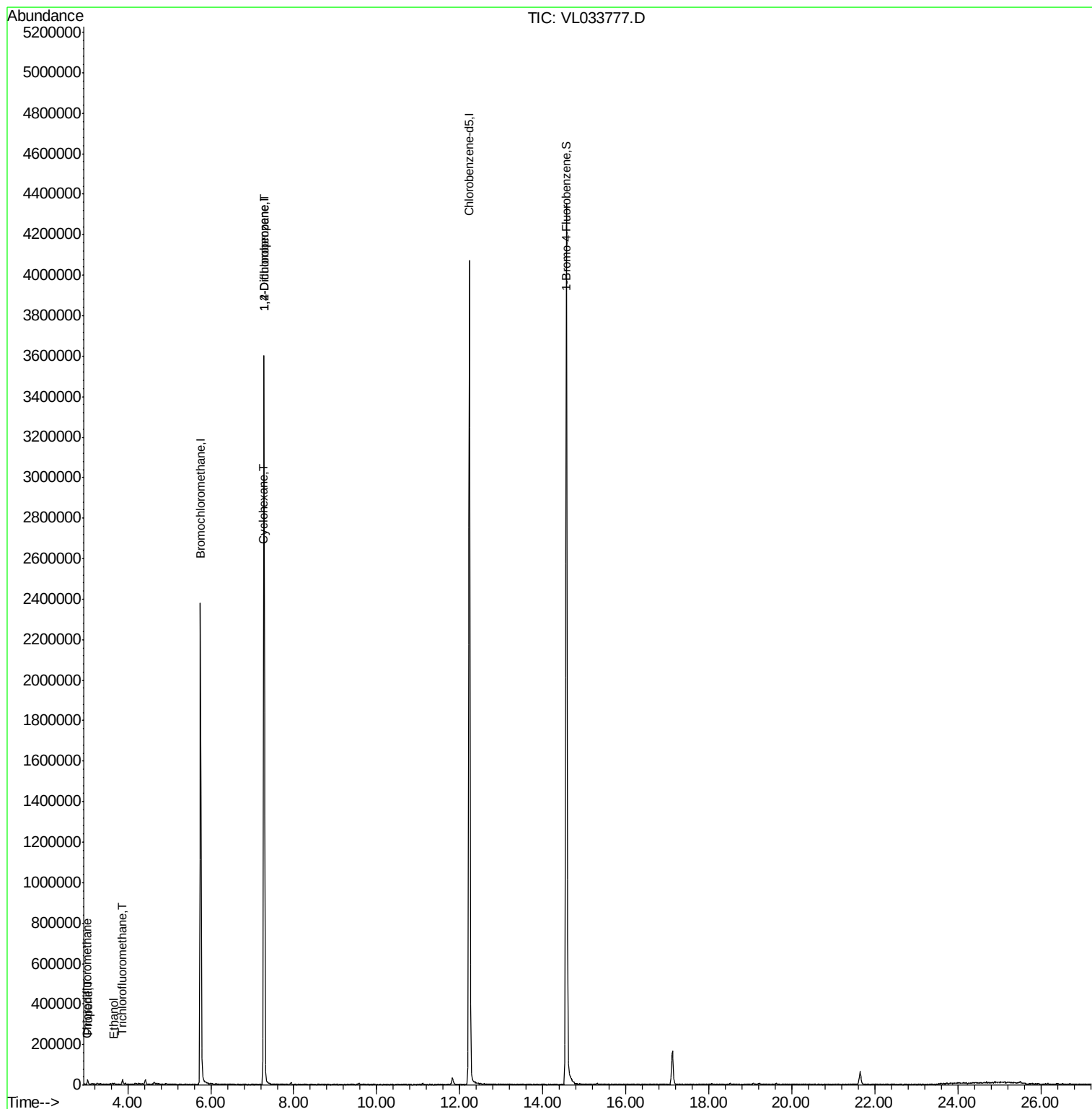
Quant Time: May 24 04:25:56 2019

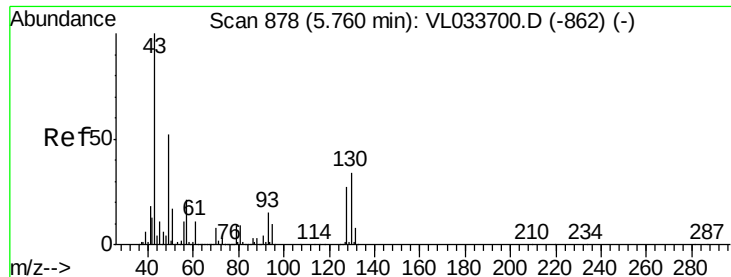
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019

QLast Update : Fri May 17 08:15:41 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: VL033777.D

Acq: 23 May 2019 17:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

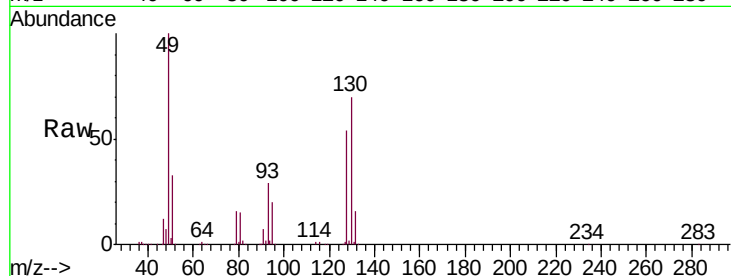
Tgt Ion: 49 Resp: 1083685

Ion Ratio Lower Upper

49 100

128 53.2 25.2 75.6

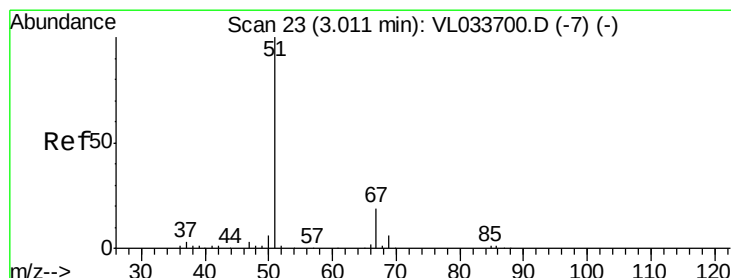
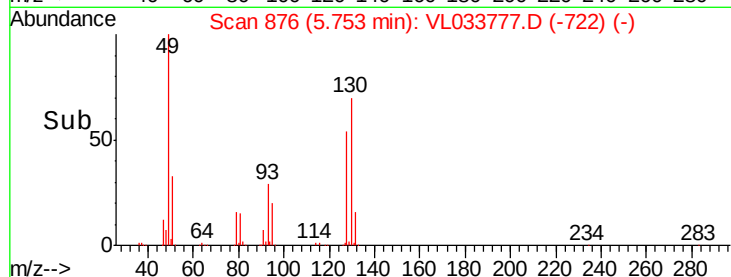
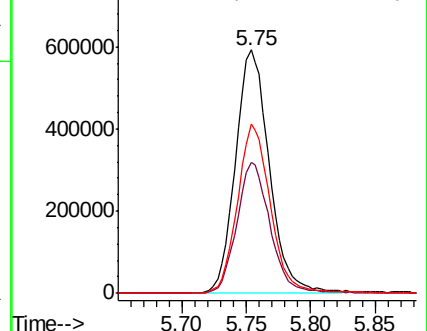
130 68.4 32.5 97.5



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: 0.011 ppbv

RT: 3.01 min Scan# 24

Delta R.T. 0.00 min

Lab File: VL033777.D

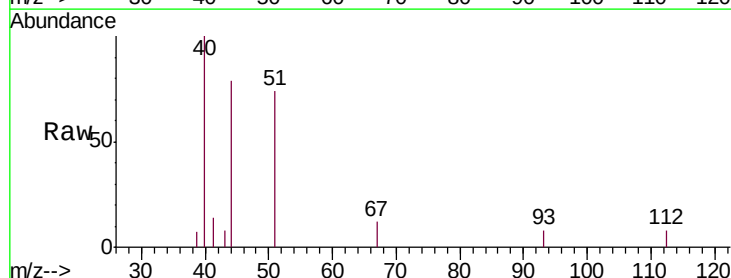
Acq: 23 May 2019 17:26

Tgt Ion: 51 Resp: 1403

Ion Ratio Lower Upper

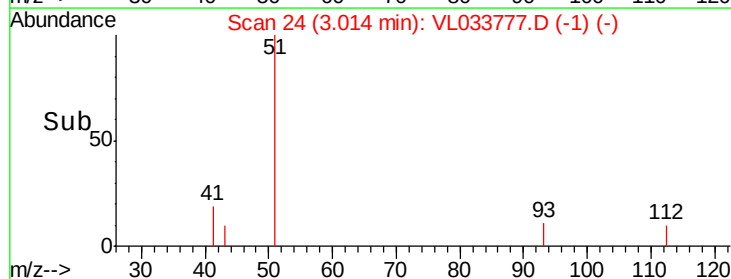
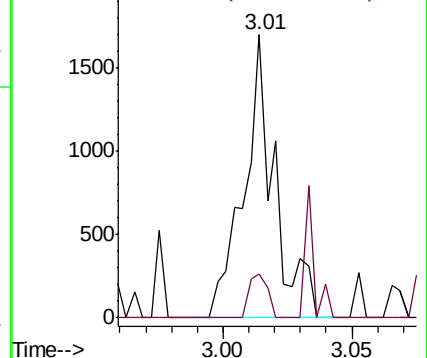
51 100

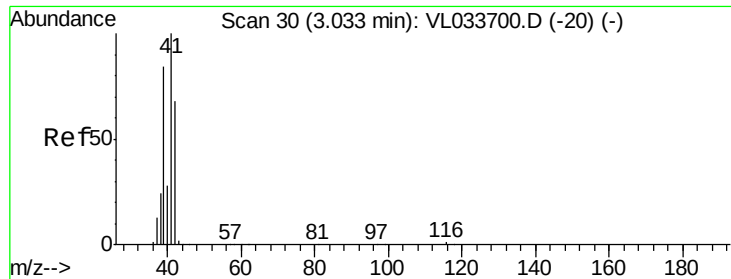
67 20.3 15.6 23.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.013 ppbv

RT: 3.03 min Scan# 28

Delta R.T. -0.01 min

Lab File: VL033777.D

Acq: 23 May 2019 17:26

Instrument :

MSVOA_L

ClientSampleId :

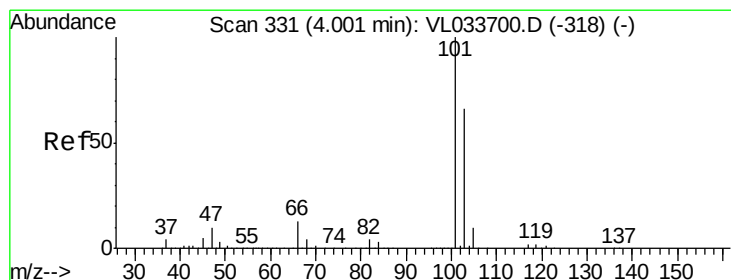
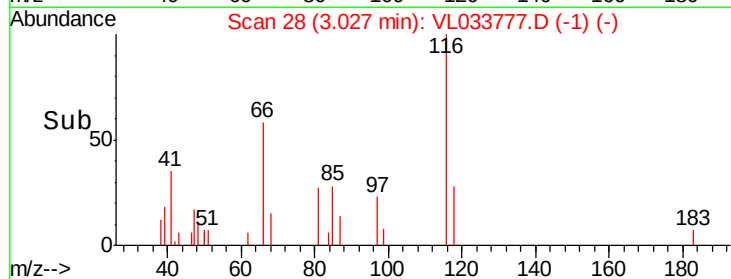
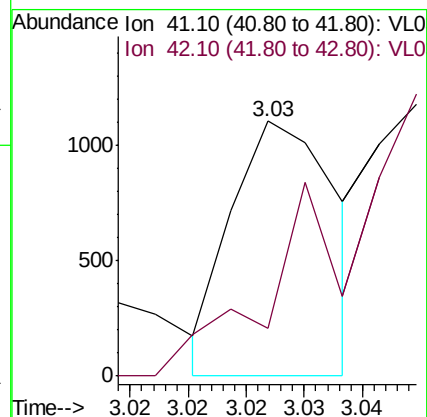
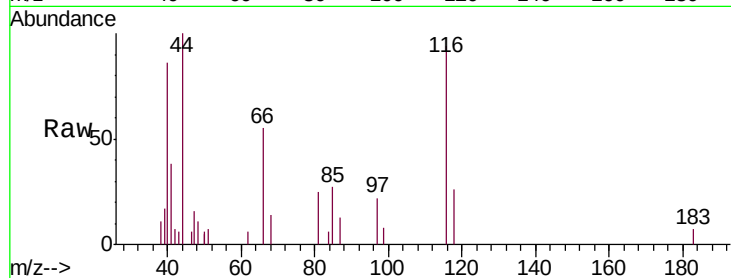
VIBLK

Tgt Ion: 41 Resp: 691

Ion Ratio Lower Upper

41 100

42 0.0 56.1 84.1#



#11

Trichlorofluoromethane

Concen: 0.012 ppbv

RT: 3.88 min Scan# 292

Delta R.T. -0.13 min

Lab File: VL033777.D

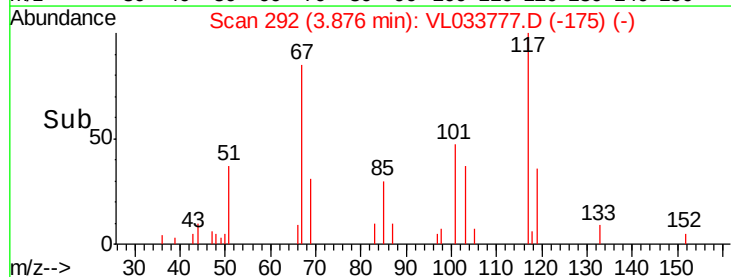
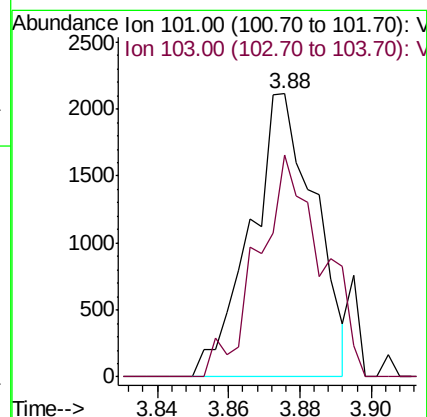
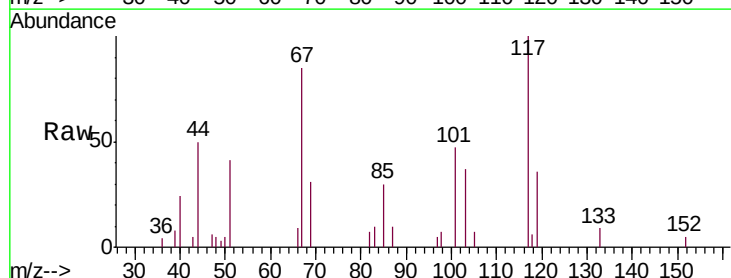
Acq: 23 May 2019 17:26

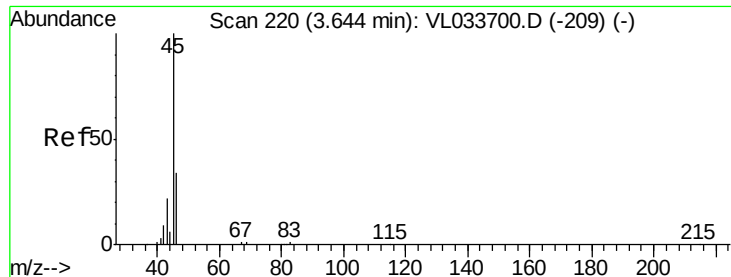
Tgt Ion: 101 Resp: 2640

Ion Ratio Lower Upper

101 100

103 78.6 52.6 78.8

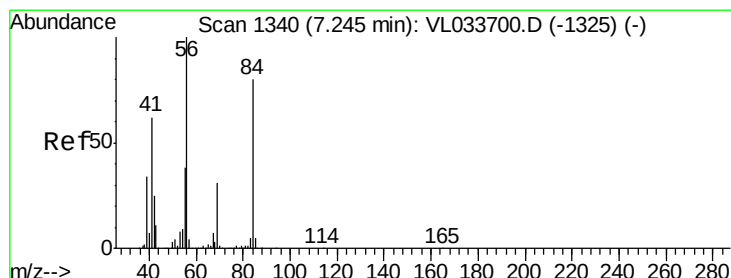
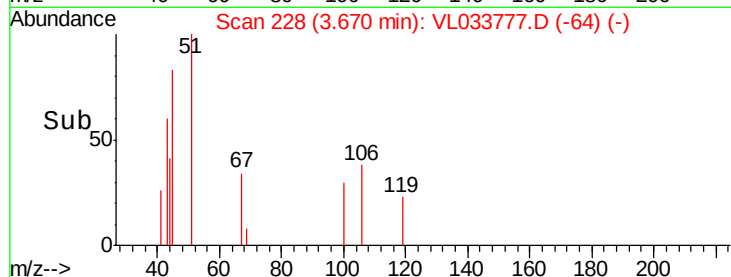
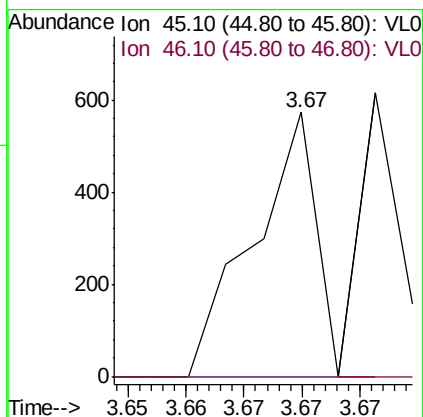
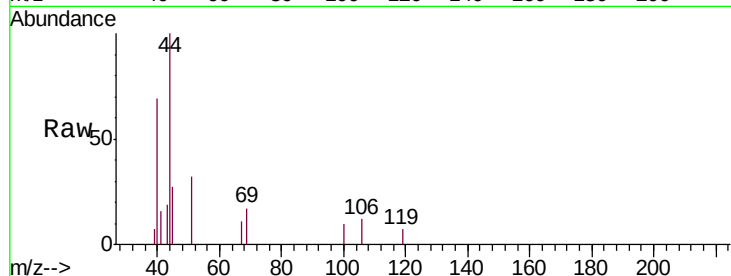




#13
Ethanol
Concen: 0.013 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VL033777.D
Acq: 23 May 2019 17:26

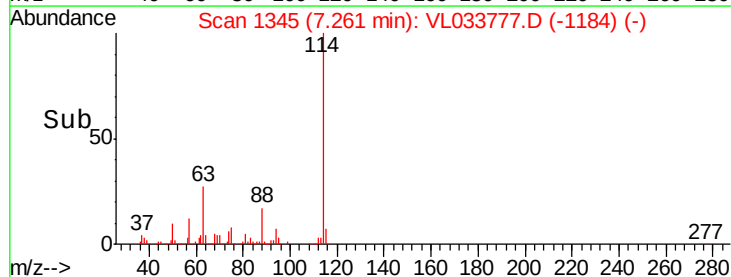
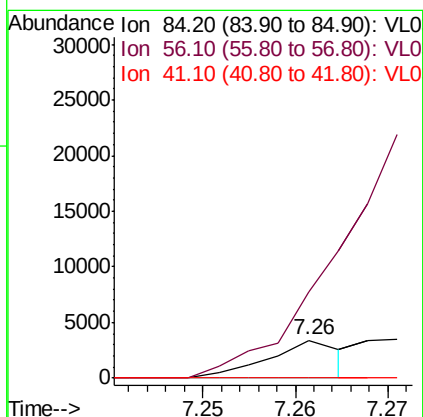
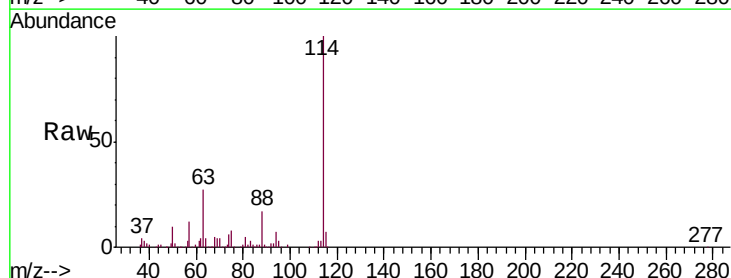
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

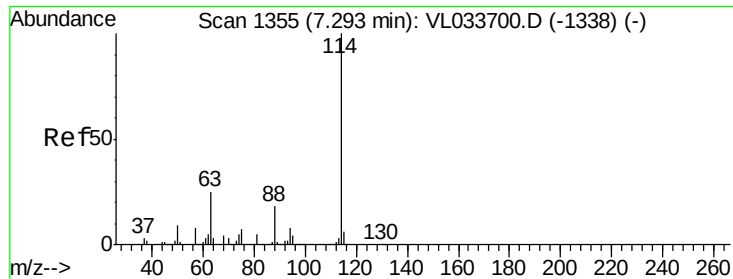
Tgt Ion: 45 Resp: 215
Ion Ratio Lower Upper
45 100
46 91.2 14.8 59.0#



#30
Cyclohexane
Concen: 0.019 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. 0.02 min
Lab File: VL033777.D
Acq: 23 May 2019 17:26

Tgt Ion: 84 Resp: 1852
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 66.0 99.0#

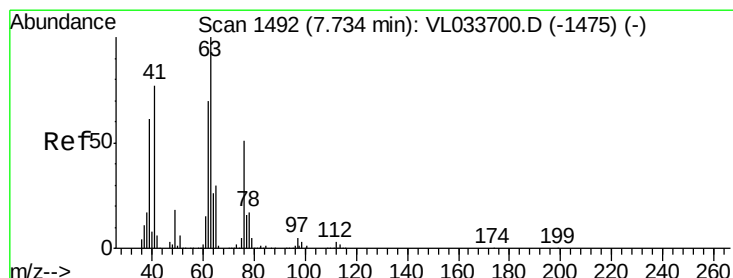
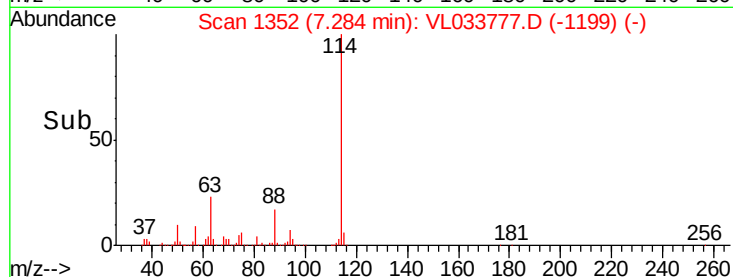
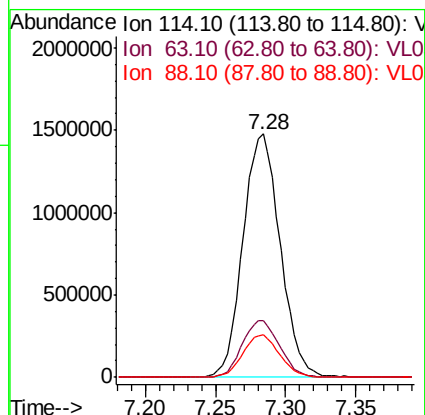
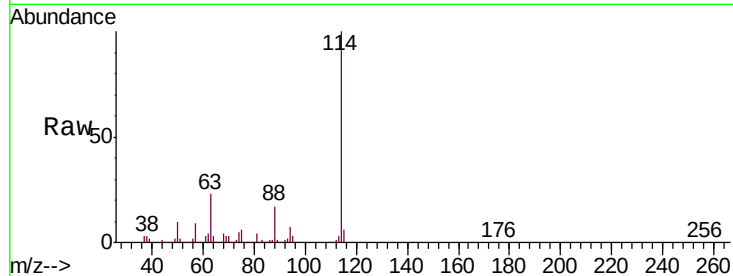




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033777.D
 Acq: 23 May 2019 17:26

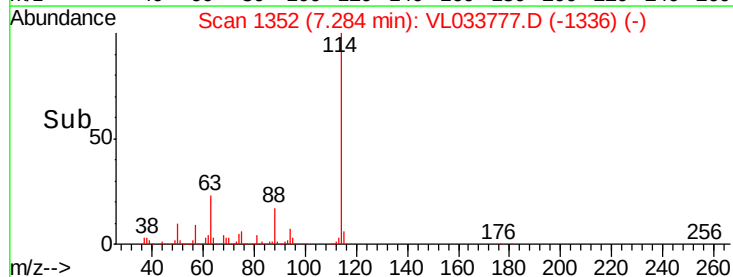
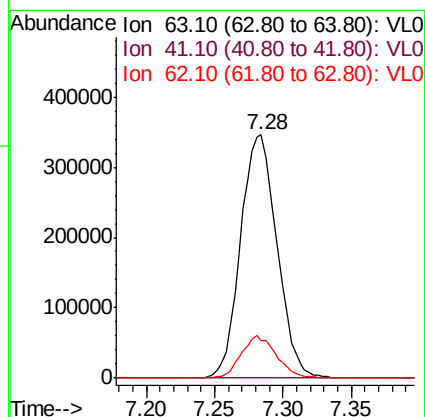
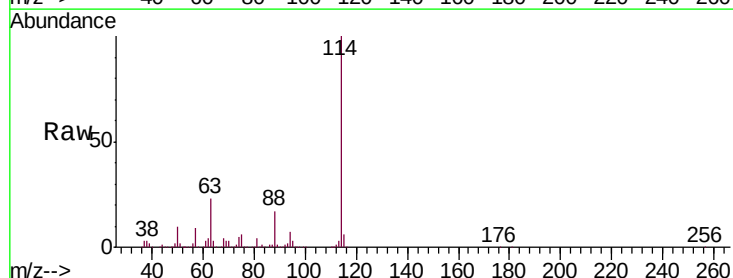
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

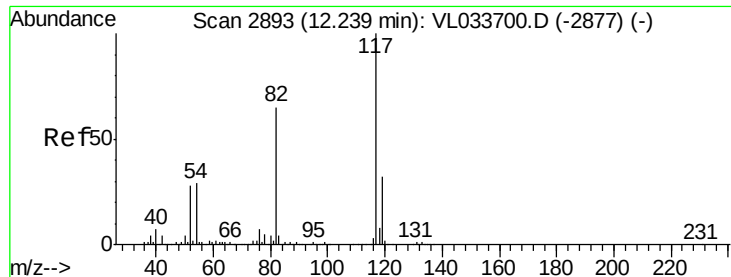
Tgt Ion: 114 Resp: 2729680
 Ion Ratio Lower Upper
 114 100
 63 23.6 20.9 31.3
 88 17.4 14.3 21.5



#39
 1,2-Dichloropropane
 Concen: 6.929 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.45 min
 Lab File: VL033777.D
 Acq: 23 May 2019 17:26

Tgt Ion: 63 Resp: 641446
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.5 92.3#
 62 15.5 56.2 84.4#

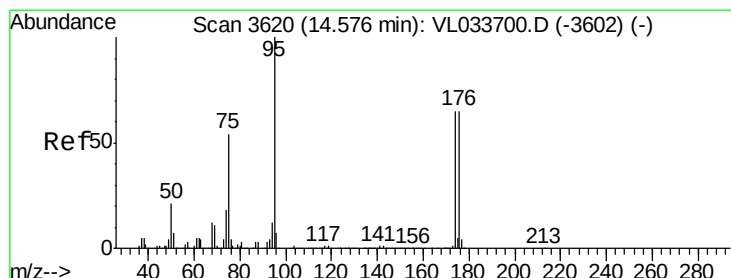
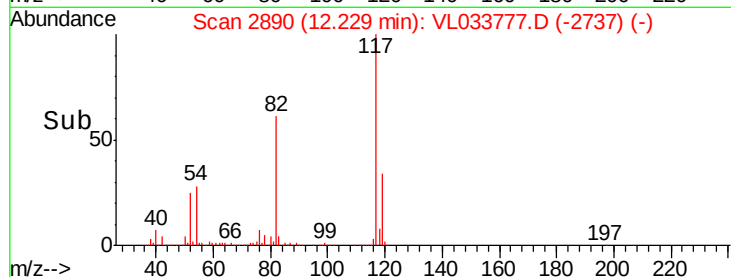
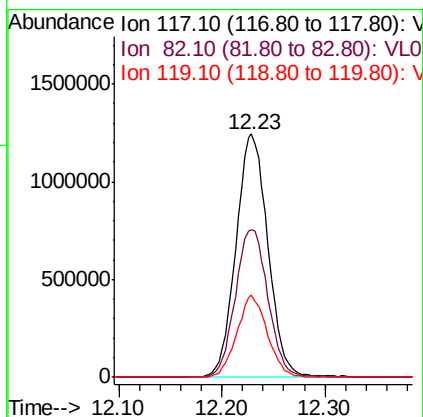
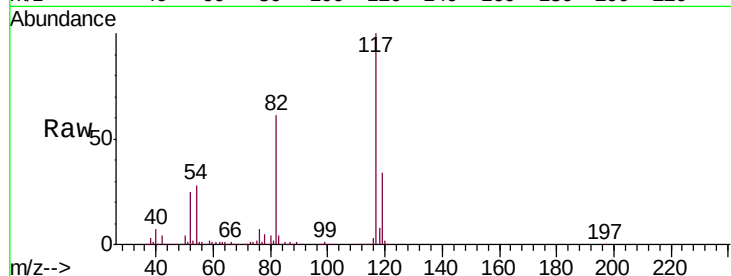




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033777.D
Acq: 23 May 2019 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 2679472
Ion Ratio Lower Upper
117 100
82 62.8 49.4 74.0
119 32.6 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.916 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033777.D
Acq: 23 May 2019 17:26

Tgt Ion: 95 Resp: 2153889
Ion Ratio Lower Upper
95 100
174 69.8 53.9 80.9
175 5.0 3.8 5.8

