

Data File : VL033177.D
Acq On : 6 Feb 2019 8:39
Operator : SY/AP
Sample : VL0205ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0205ABL01

Quant Time: Feb 20 06:17:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1087276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2521612	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2492269	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1981951	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

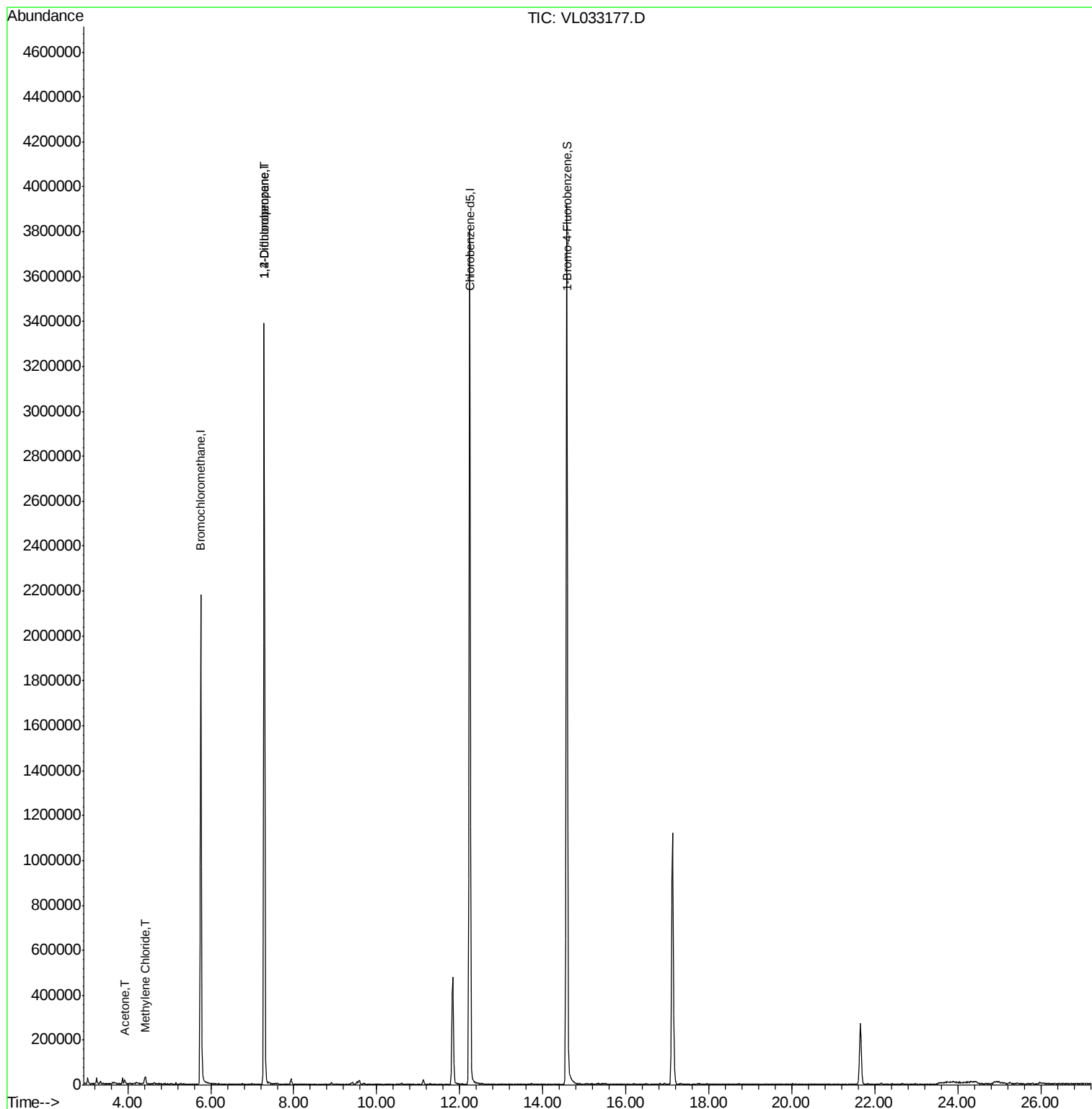
Target Compounds						Qvalue
15) Acetone	3.92	43	14791	0.121	ppbv #	87
20) Methylene Chloride	4.41	84	7070	0.145	ppbv #	72
39) 1,2-Dichloropropane	7.29	63	637224	6.314	ppbv #	25

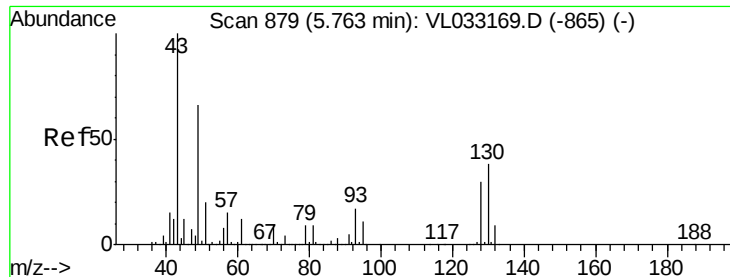
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL033177.D
Acq On : 6 Feb 2019 8:39
Operator : SY/AP
Sample : VL0205ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0205ABL01

Quant Time: Feb 20 06:17:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 20 06:00:52 2019
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033177.D

Acq: 6 Feb 2019 8:39

Instrument :

MSVOA_L

ClientSampleId :

VL0205ABL01

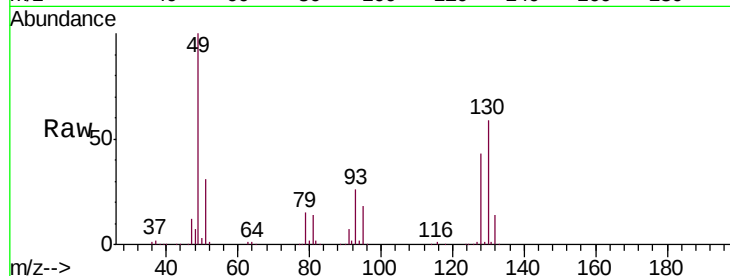
Tgt Ion: 49 Resp: 1087276

Ion Ratio Lower Upper

49 100

128 45.9 23.6 71.0

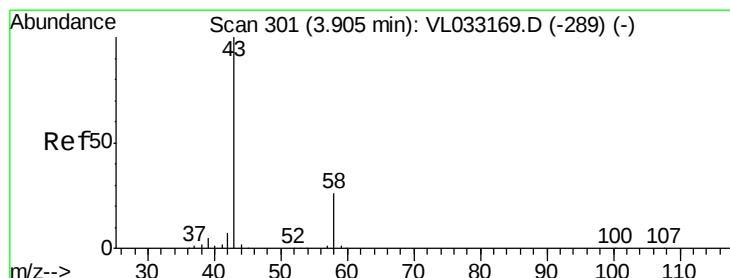
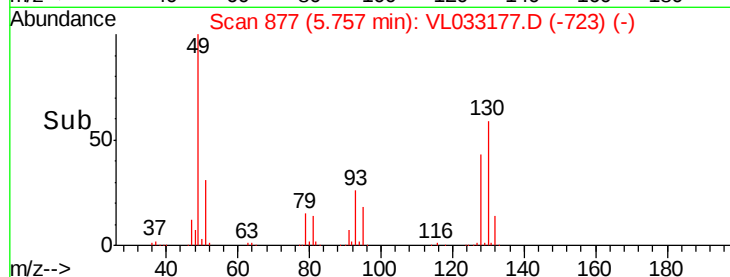
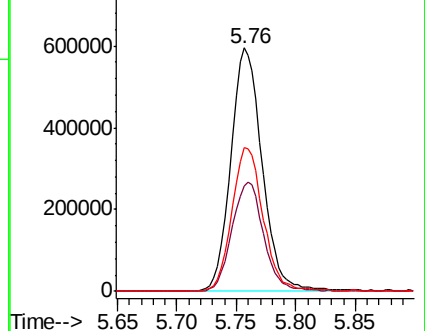
130 59.8 30.3 91.0



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: 0.121 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033177.D

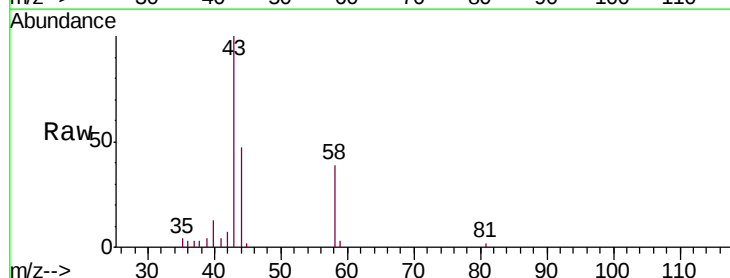
Acq: 6 Feb 2019 8:39

Tgt Ion: 43 Resp: 14791

Ion Ratio Lower Upper

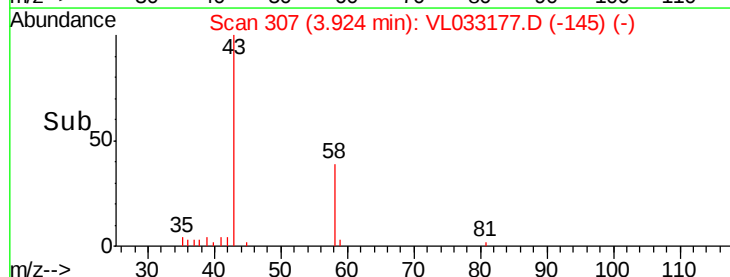
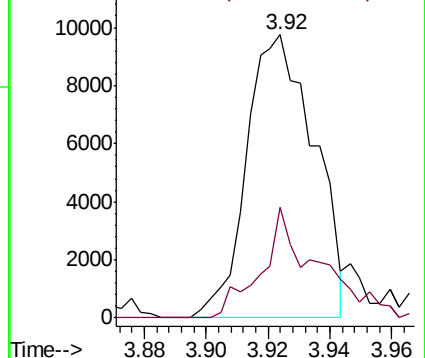
43 100

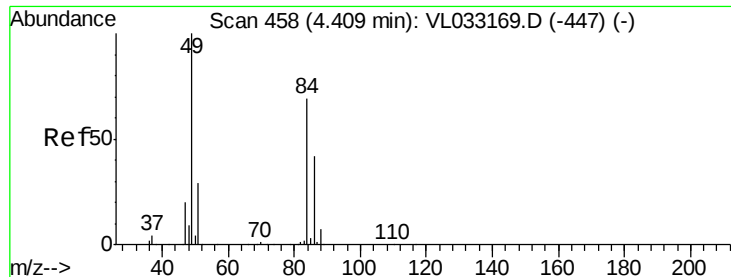
58 33.3 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.145 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033177.D

Acq: 6 Feb 2019 8:39

Instrument :

MSVOA_L

ClientSampleId :

VL0205ABL01

Tgt Ion: 84 Resp: 7070

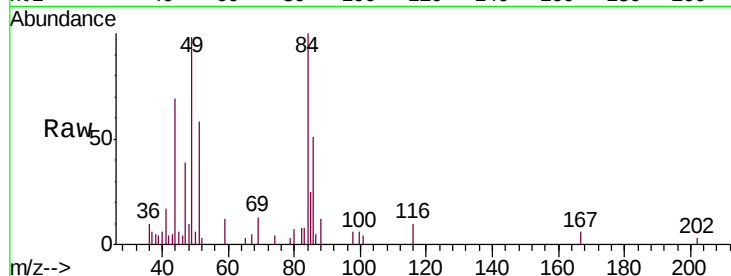
Ion Ratio Lower Upper

84 100

49 97.8 115.8 173.8#

51 58.2 33.0 49.6#

86 56.0 48.2 72.2

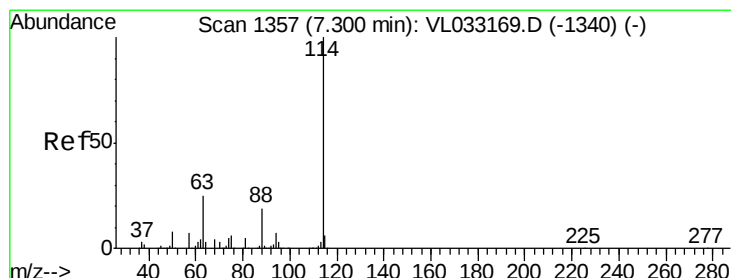
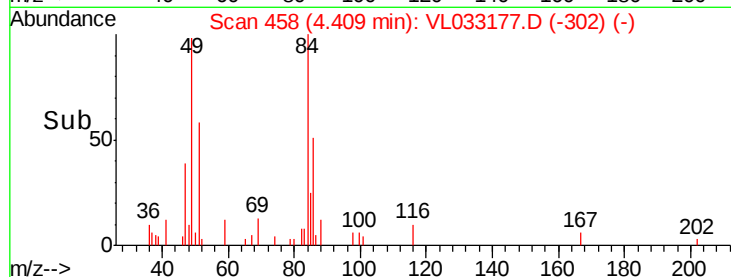
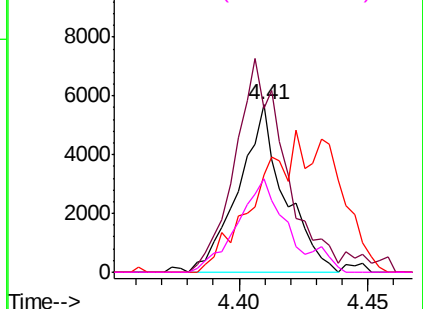


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VL033177.D

Acq: 6 Feb 2019 8:39

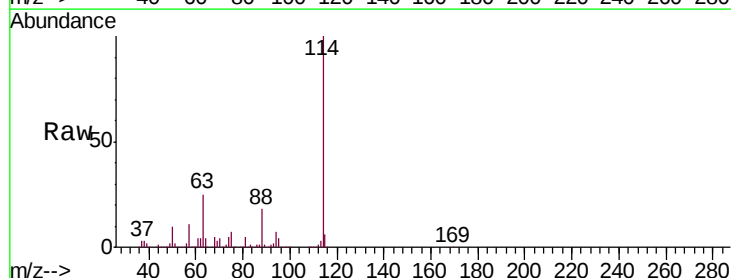
Tgt Ion: 114 Resp: 2521612

Ion Ratio Lower Upper

114 100

63 25.4 20.8 31.2

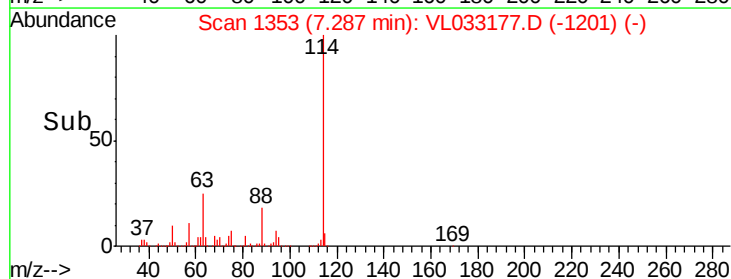
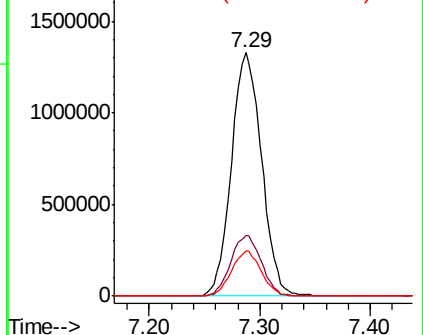
88 18.3 14.6 22.0

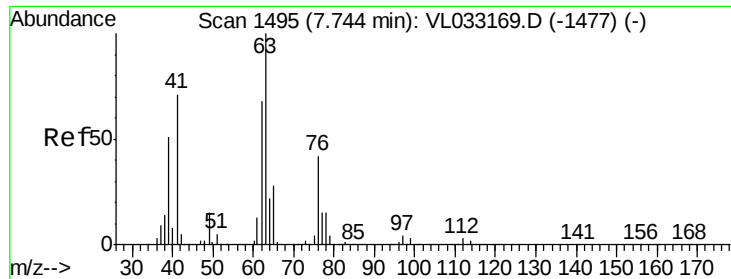


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

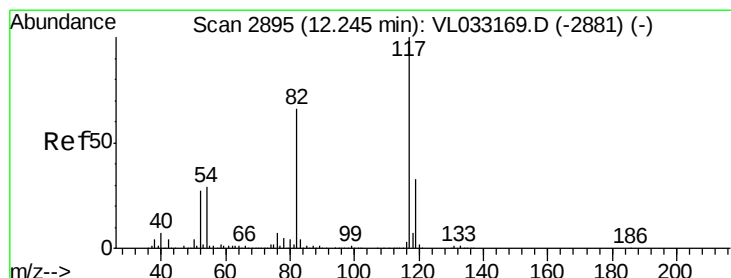
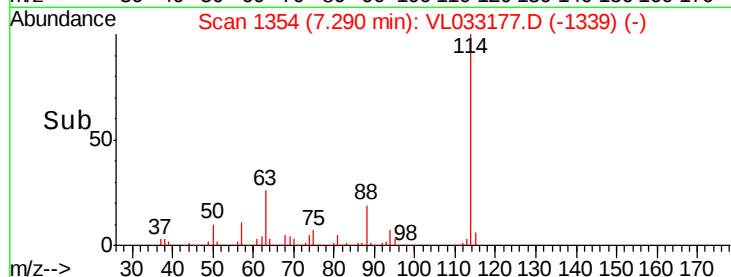
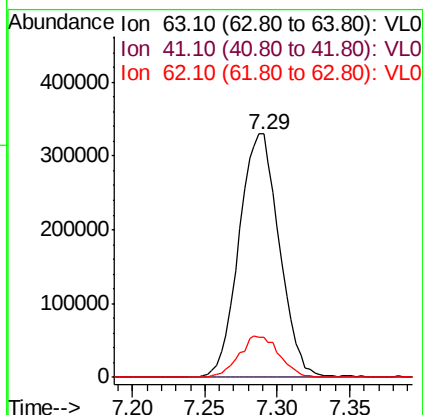
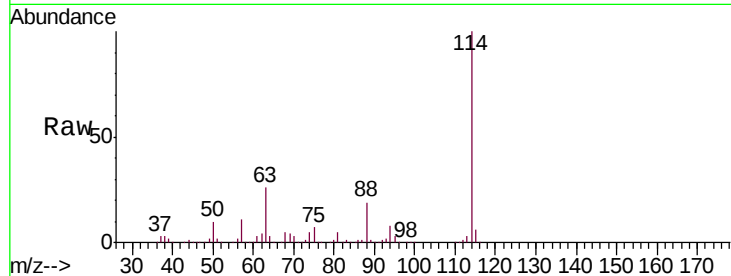




#39
 1,2-Dichloropropane
 Concen: 6.314 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033177.D
 Acq: 6 Feb 2019 8:39

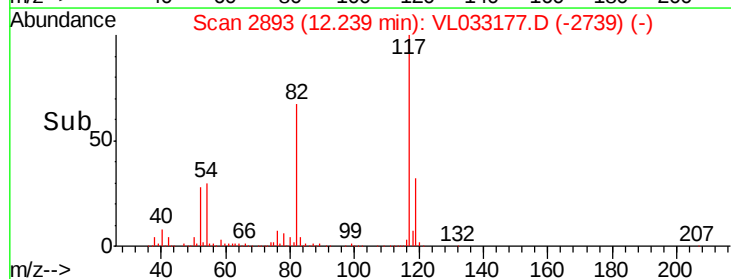
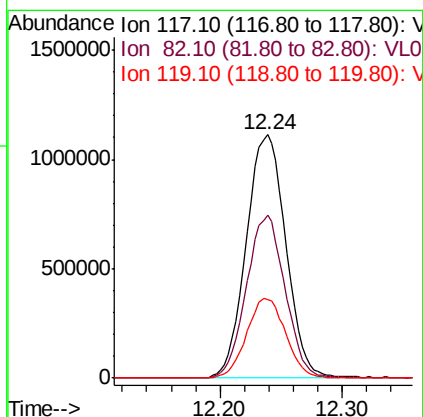
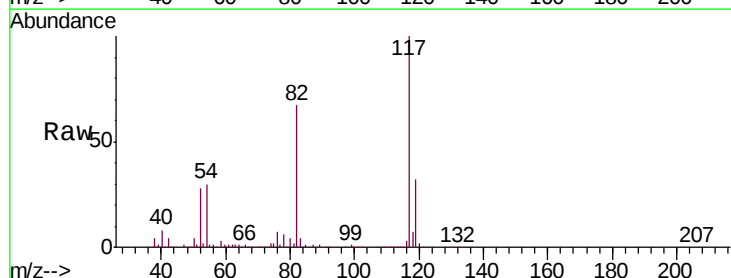
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0205ABL01

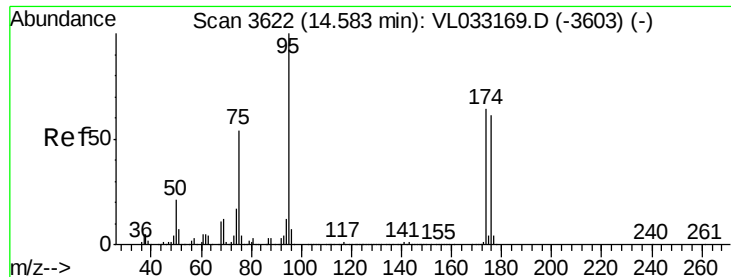
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.4	84.6#
62	16.3	54.2	81.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: VL033177.D
 Acq: 6 Feb 2019 8:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.6	53.8	80.8
119	32.5	46.9	70.3#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.204 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033177.D
 Acq: 6 Feb 2019 8:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0205ABL01

Tgt Ion: 95 Resp: 1981951
 Ion Ratio Lower Upper
 95 100
 174 65.2 51.1 76.7
 175 4.7 3.8 5.6

