

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033220.D
 Acq On : 15 Feb 2019 5:28
 Operator : SY/AP
 Sample : K1483-08DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Quant Time: Feb 15 06:56:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
 QLast Update : Wed Feb 06 09:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	739974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1923493	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1920008	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1565641	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

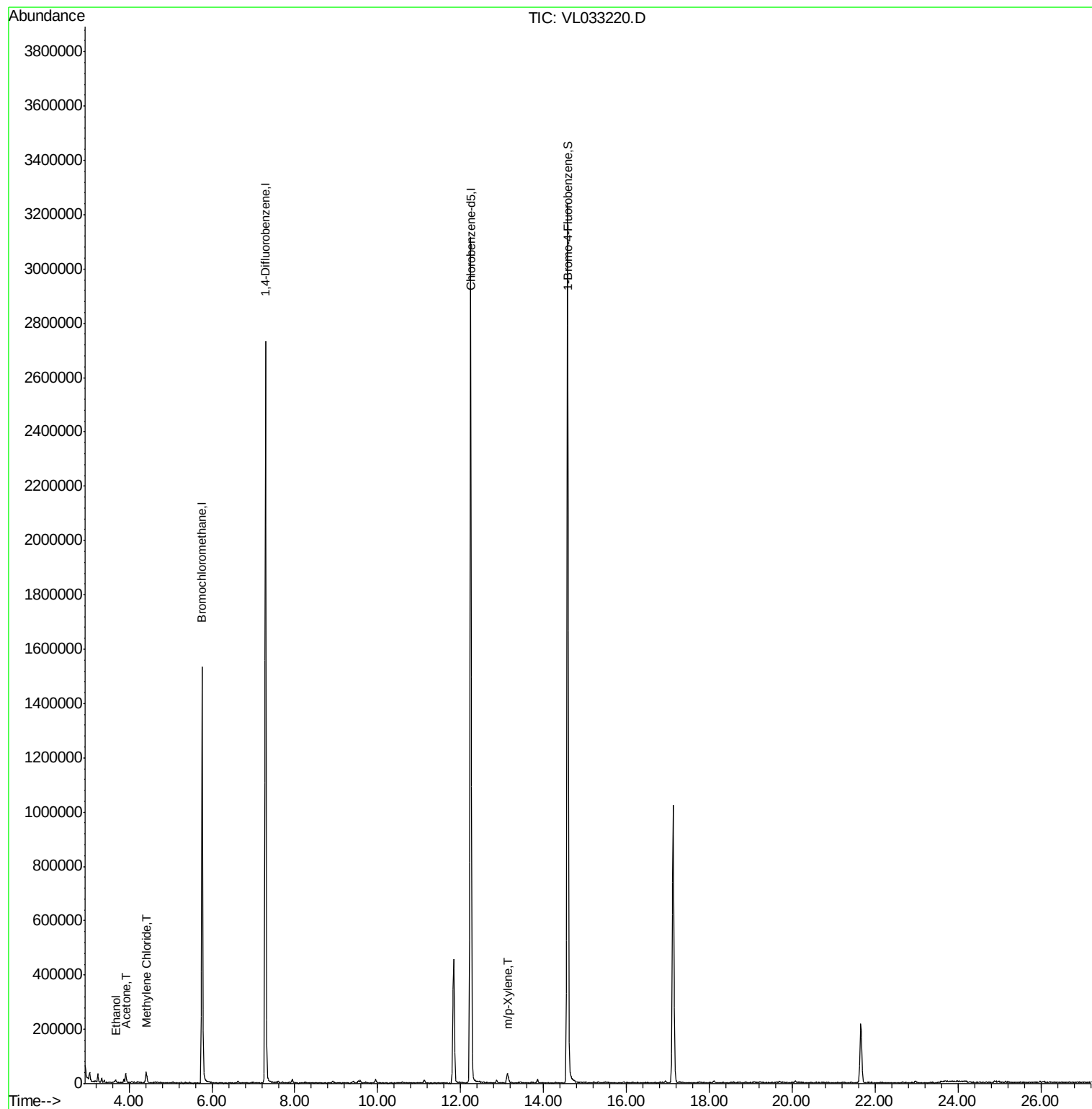
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	7031m	0.490	ppbv	
15) Acetone	3.92	43	33915	0.407	ppbv	96
20) Methylene Chloride	4.41	84	11103m	0.335	ppbv	
59) m/p-Xylene	13.13	91	33441m	0.129	ppbv	

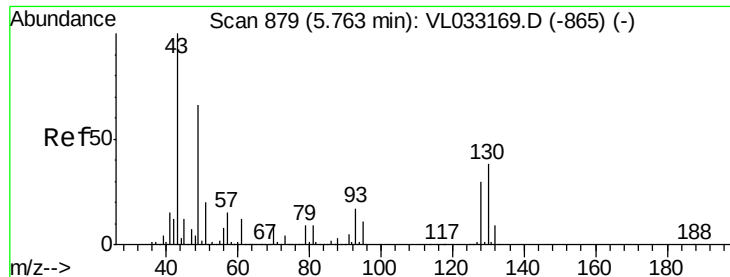
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021419\
Data File : VL033220.D
Acq On : 15 Feb 2019 5:28
Operator : SY/AP
Sample : K1483-08DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Quant Time: Feb 15 06:56:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033220.D

Acq: 15 Feb 2019 5:28

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

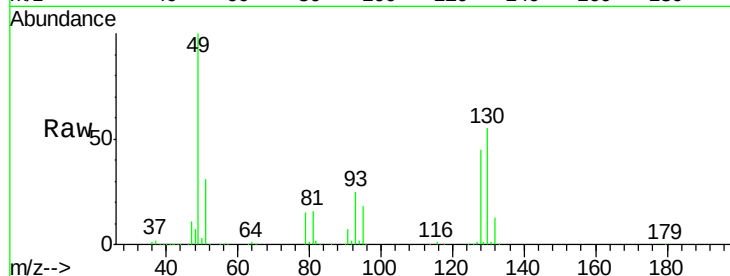
Tot Ion: 49 Resp: 739974

Ion Ratio Lower Upper

49 100

128 45.2 23.6 71.0

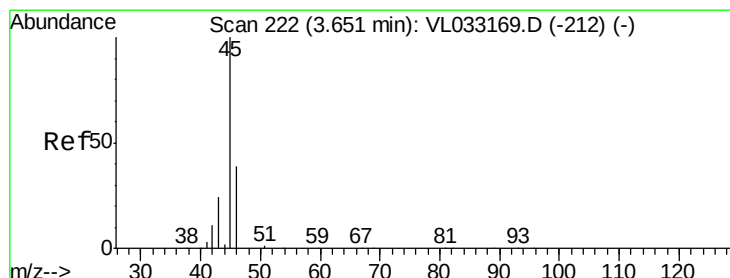
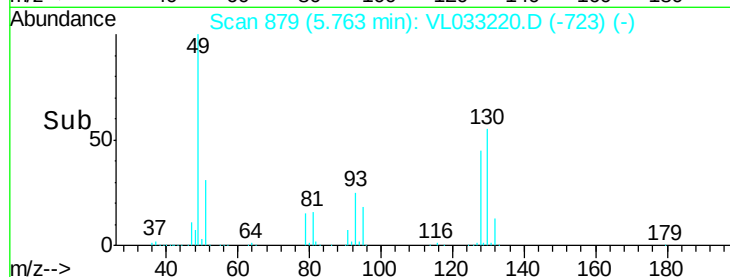
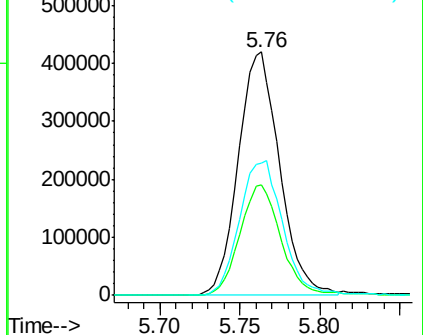
130 58.7 30.3 91.0



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



#13

Ethanol

Concen: 0.490 ppbv m

RT: 3.67 min Scan# 227

Delta R.T. 0.02 min

Lab File: VL033220.D

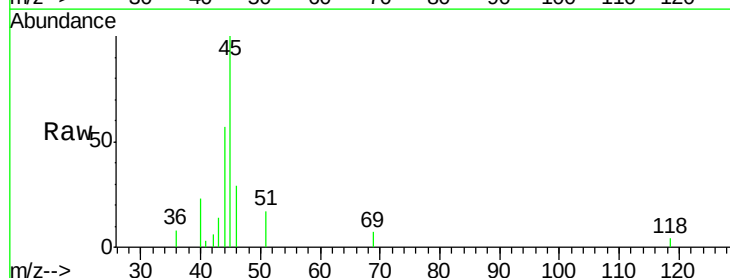
Acq: 15 Feb 2019 5:28

Tgt Ion: 45 Resp: 7031

Ion Ratio Lower Upper

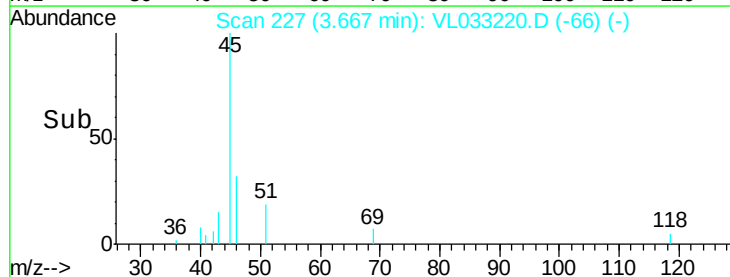
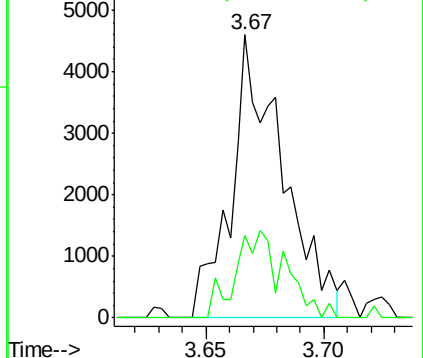
45 100

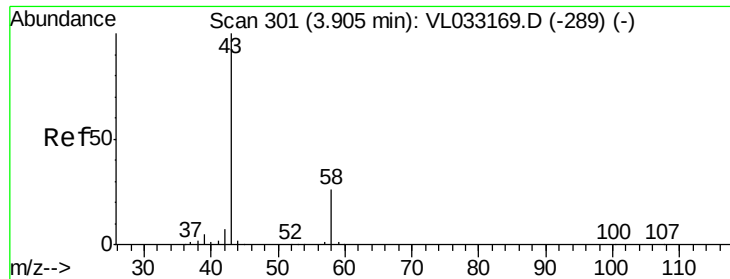
46 0.0 15.0 60.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.407 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.02 min

Lab File: VL033220.D

Acq: 15 Feb 2019 5:28

Instrument :

MSVOA_L

ClientSampleId :

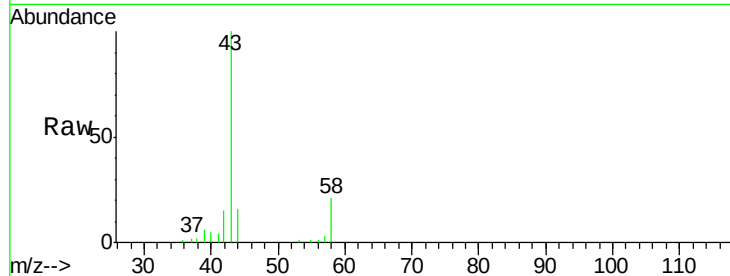
EFFLUENTDL

Tot Ion: 43 Resp: 33915

Ion Ratio Lower Upper

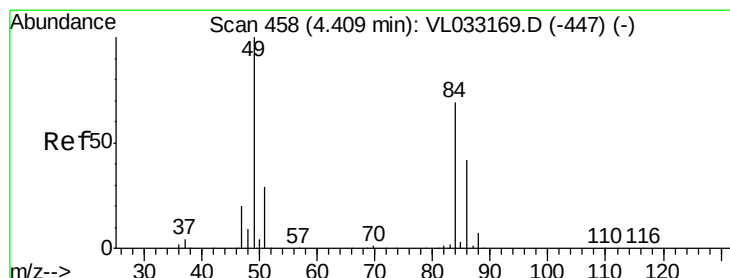
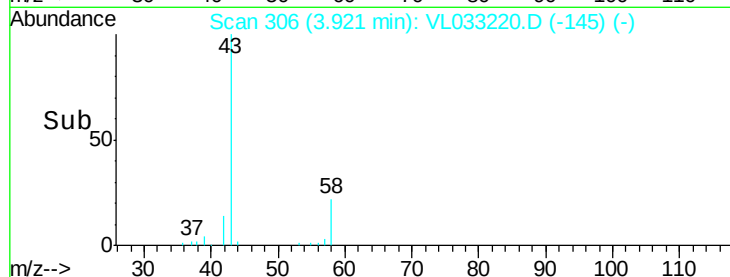
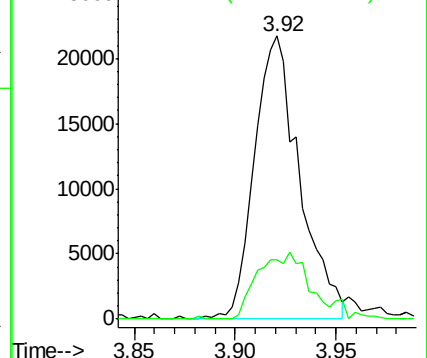
43 100

58 28.6 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: 0.335 ppbv m

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033220.D

Acq: 15 Feb 2019 5:28

Tgt Ion: 84 Resp: 11103

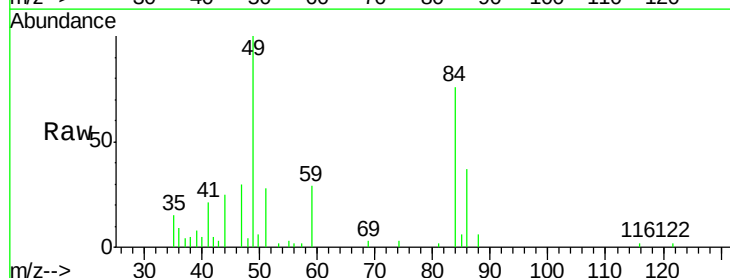
Ion Ratio Lower Upper

84 100

49 131.8 115.8 173.8

51 36.7 33.0 49.6

86 48.8 48.2 72.2

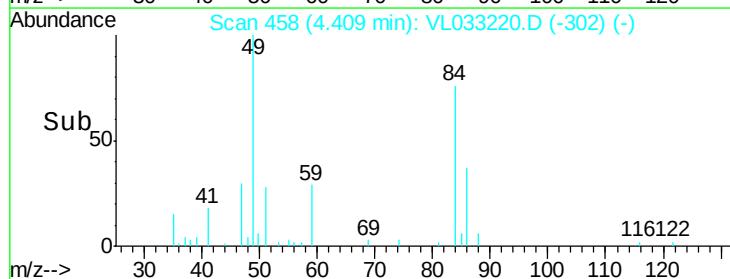
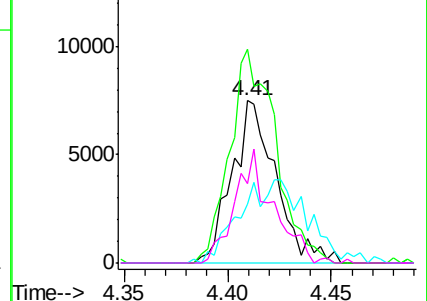


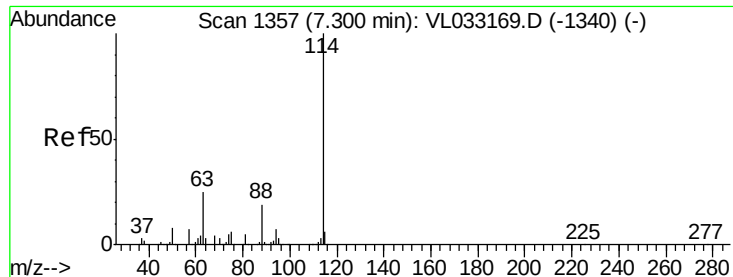
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

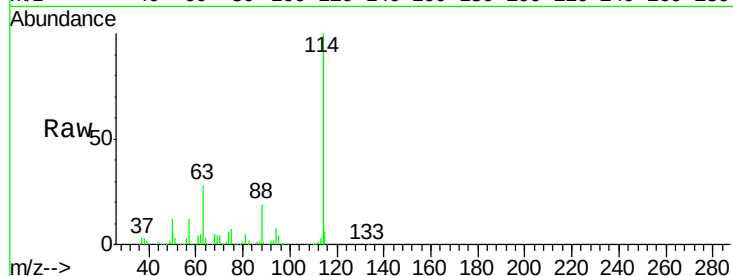




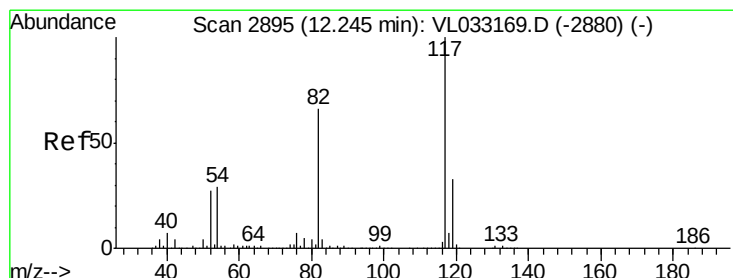
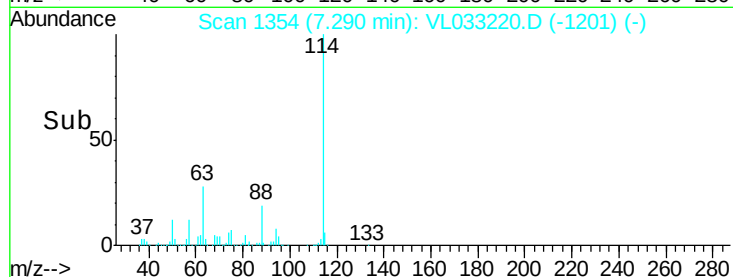
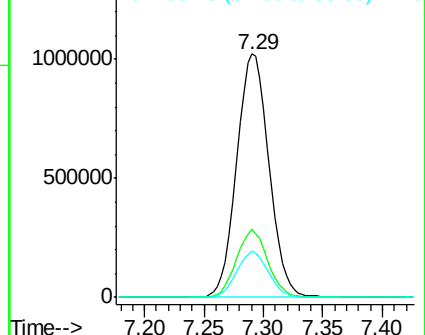
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033220.D
 Acq: 15 Feb 2019 5:28

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tot Ion:114 Resp: 1923493
 Ion Ratio Lower Upper
 114 100
 63 27.1 20.8 31.2
 88 18.5 14.6 22.0

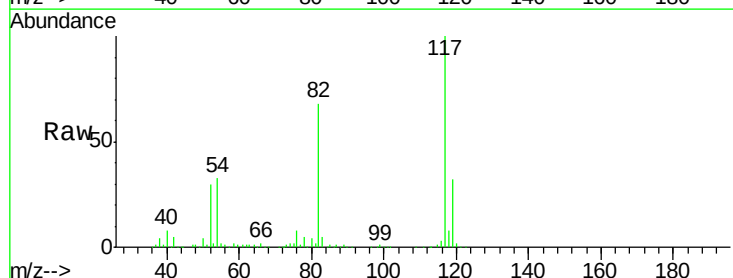


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

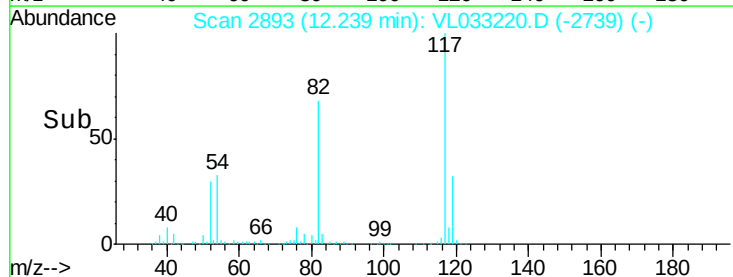
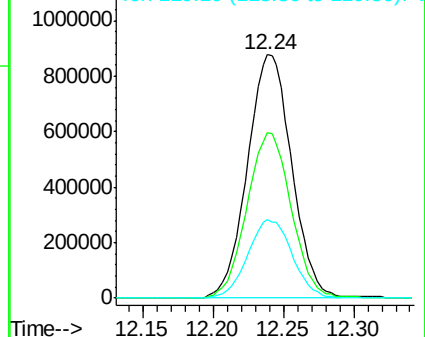


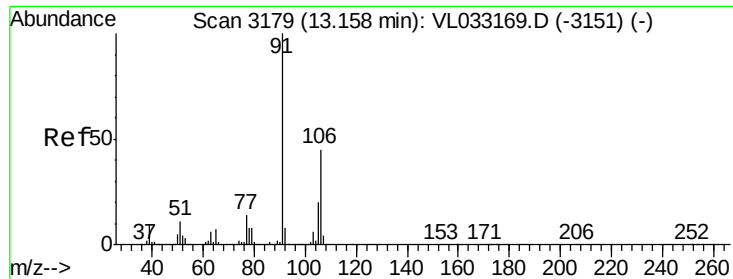
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: VL033220.D
 Acq: 15 Feb 2019 5:28

Tgt Ion:117 Resp: 1920008
 Ion Ratio Lower Upper
 117 100
 82 68.5 49.5 74.3
 119 32.5 24.4 36.6



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





#59

m/p-Xylene

Concen: 0.129 ppbv m

RT: 13.13 min Scan# 3169

Delta R.T. -0.03 min

Lab File: VL033220.D

Acq: 15 Feb 2019 5:28

Instrument :

MSVOA_L

ClientSampleId :

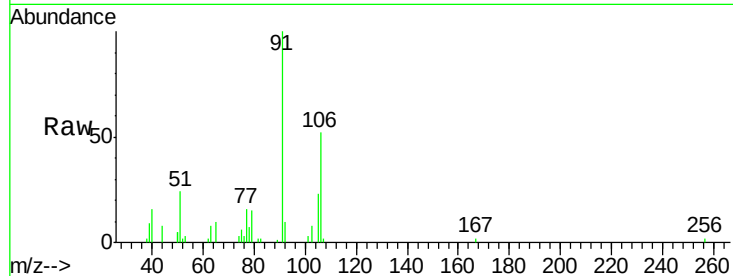
EFFLUENTDL

Tot Ion: 91 Resp: 33441

Ion Ratio Lower Upper

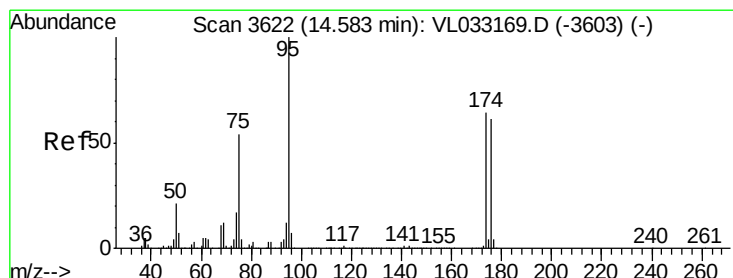
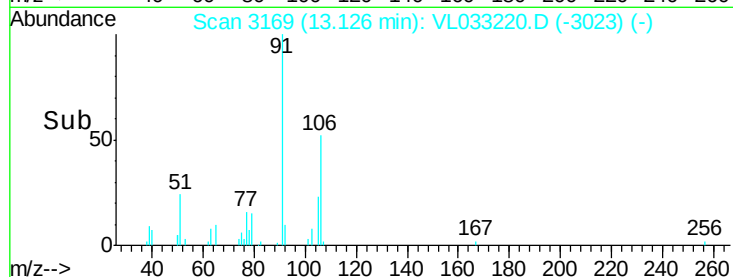
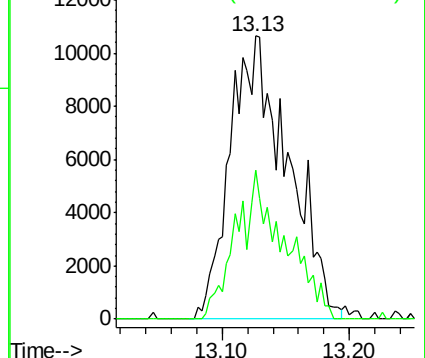
91 100

106 0.0 0.0 0.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.588 ppbv

RT: 14.58 min Scan# 3620

Delta R.T. -0.01 min

Lab File: VL033220.D

Acq: 15 Feb 2019 5:28

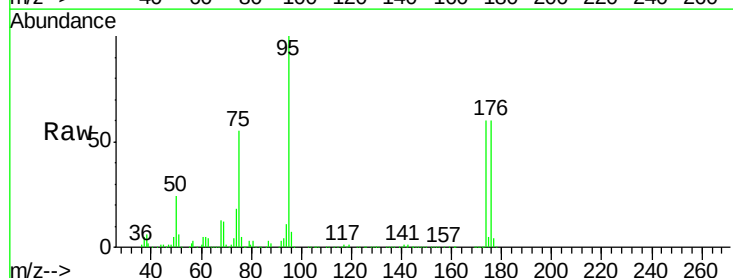
Tgt Ion: 95 Resp: 1565641

Ion Ratio Lower Upper

95 100

174 63.4 51.2 76.8

175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

