

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100318\
 Data File : VL032590.D
 Acq On : 3 Oct 2018 21:57
 Operator : SY/AP
 Sample : J5094-11DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSS-1DL

Quant Time: Oct 04 10:00:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1029896	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2596183	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2804657	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1989860	9.41	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%

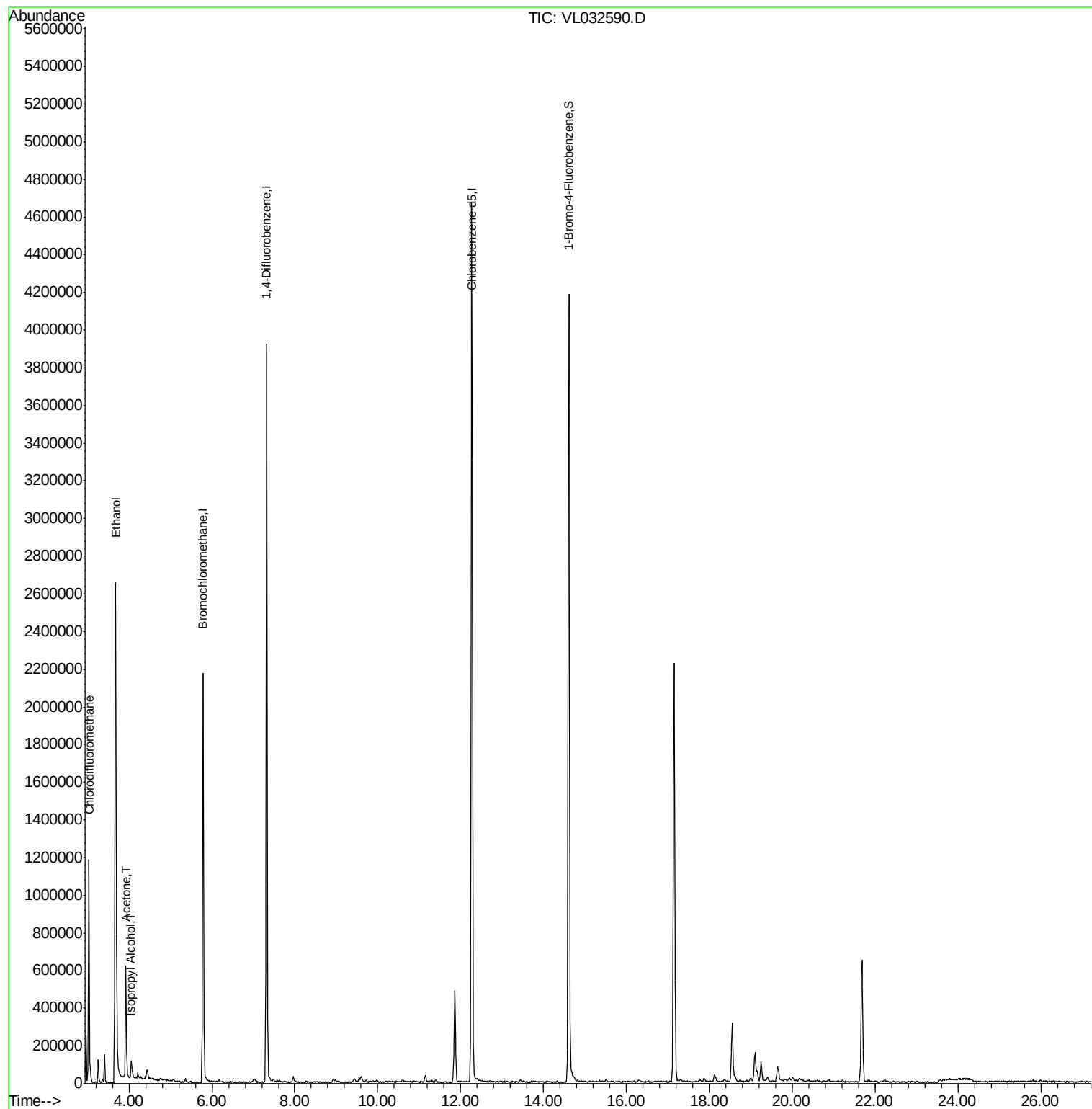
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.03	51	1118123	13.055	ppbv	97
13) Ethanol	3.68	45	3442452	308.196	ppbv	96
15) Acetone	3.92	43	545171	6.031	ppbv	100
19) Isopropyl Alcohol	4.05	45	111214	1.766	ppbv #	94

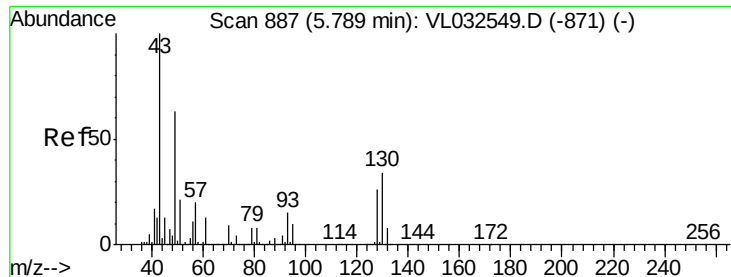
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032590.D

Acq: 3 Oct 2018 21:57

Instrument :

MSVOA_L

ClientSampleId :

KSS-1DL

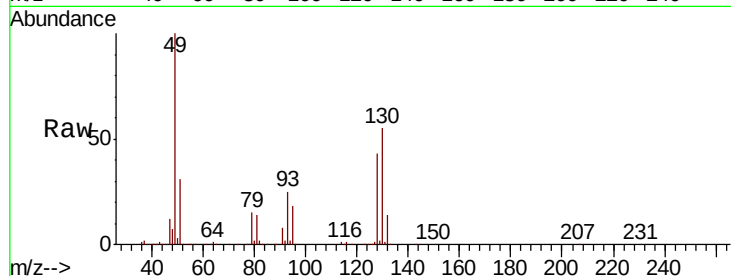
Tot Ion: 49 Resp: 1029896

Ion Ratio Lower Upper

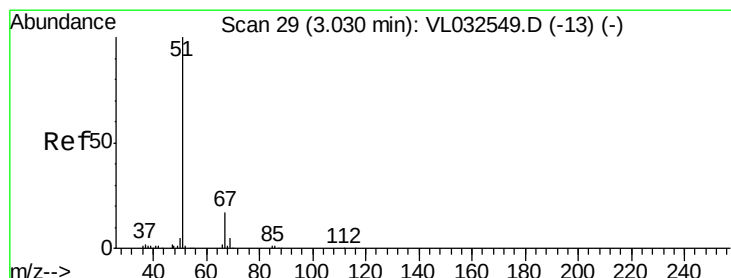
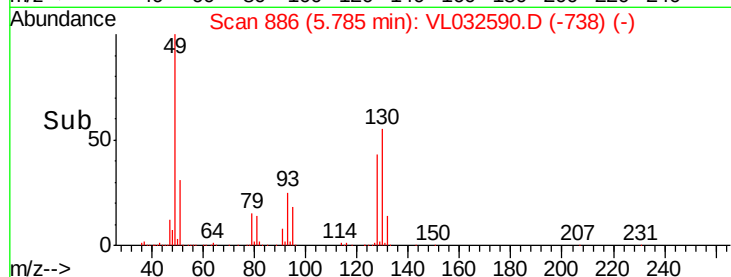
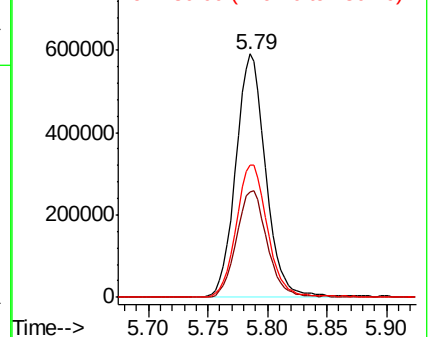
49 100

128 45.7 20.7 62.1

130 57.4 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



#3

Chlorodifluoromethane

Concen: 13.055 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032590.D

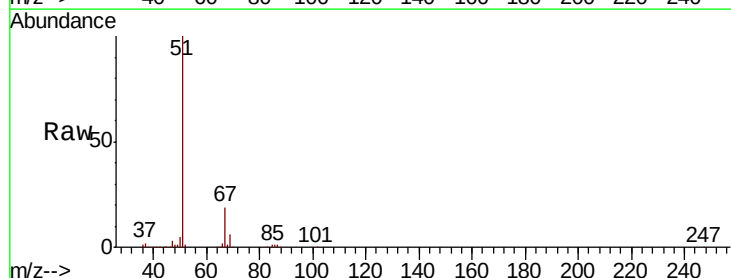
Acq: 3 Oct 2018 21:57

Tgt Ion: 51 Resp: 1118123

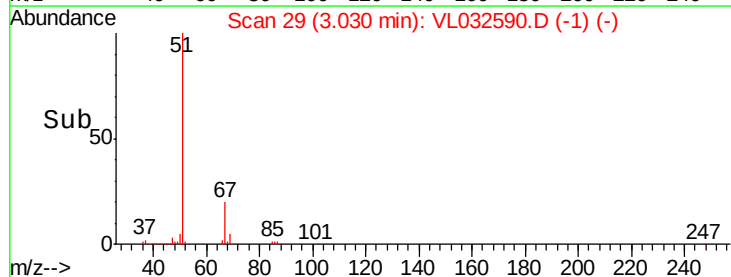
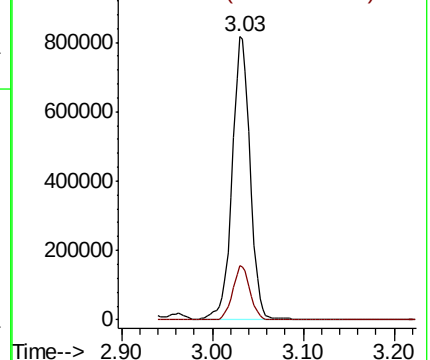
Ion Ratio Lower Upper

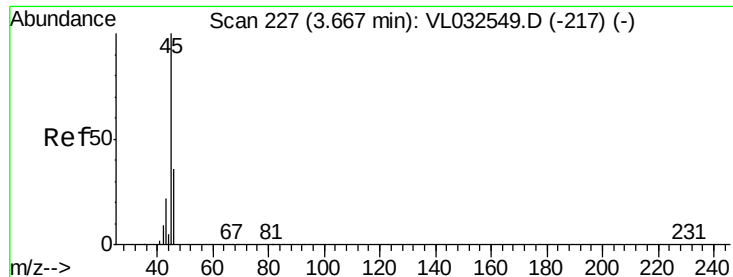
51 100

67 18.4 13.8 20.8



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0





#13

Ethanol

Concen: 308.196 ppbv

RT: 3.68 min Scan# 230

Delta R.T. -0.01 min

Lab File: VL032590.D

Acq: 3 Oct 2018 21:57

Instrument :

MSVOA_L

ClientSampleId :

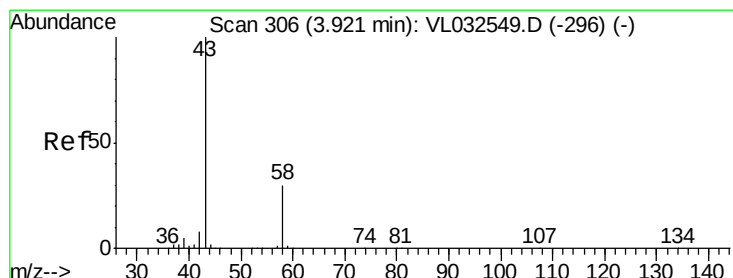
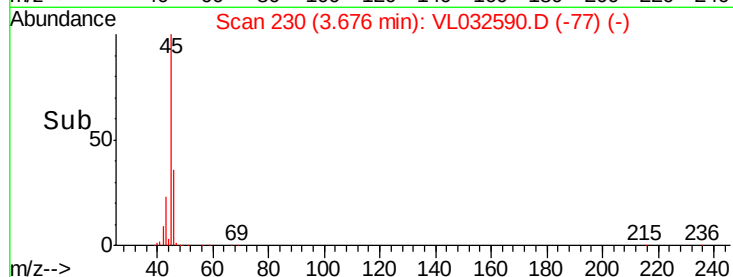
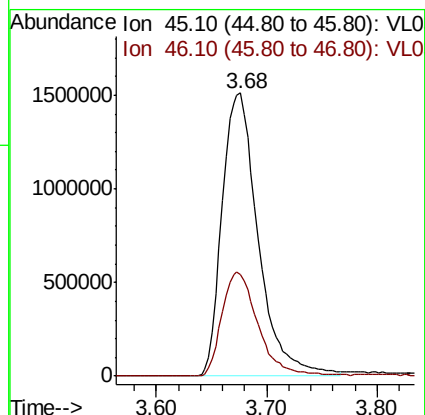
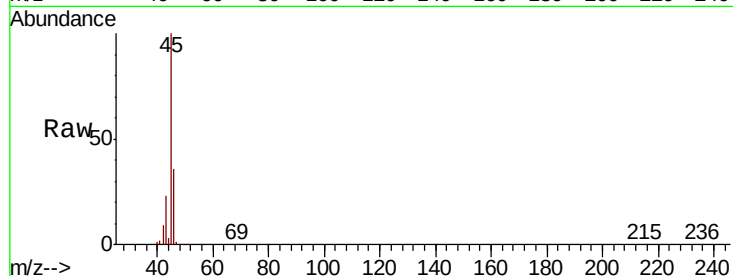
KSS-1DL

Tot Ion: 45 Resp: 3442452

Ion Ratio Lower Upper

45 100

46 38.1 14.2 56.8



#15

Acetone

Concen: 6.031 ppbv

RT: 3.92 min Scan# 307

Delta R.T. -0.01 min

Lab File: VL032590.D

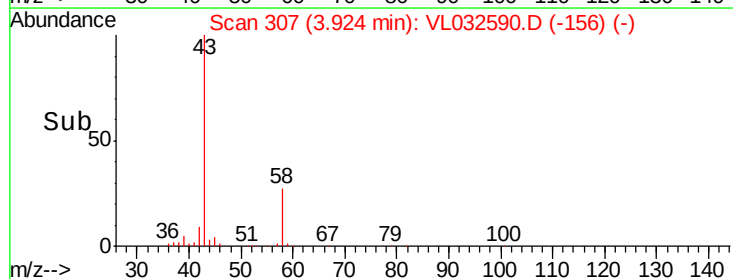
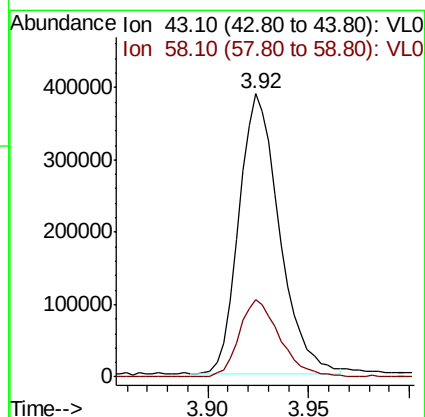
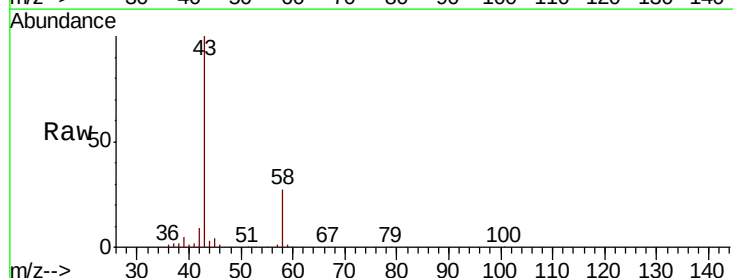
Acq: 3 Oct 2018 21:57

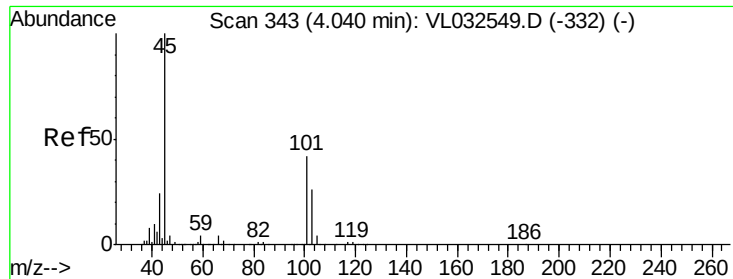
Tgt Ion: 43 Resp: 545171

Ion Ratio Lower Upper

43 100

58 28.2 22.6 33.8





#19

Isopropyl Alcohol

Concen: 1.766 ppbv

RT: 4.05 min Scan# 347

Delta R.T. -0.01 min

Lab File: VL032590.D

Acq: 3 Oct 2018 21:57

Instrument :

MSVOA_L

ClientSampleId :

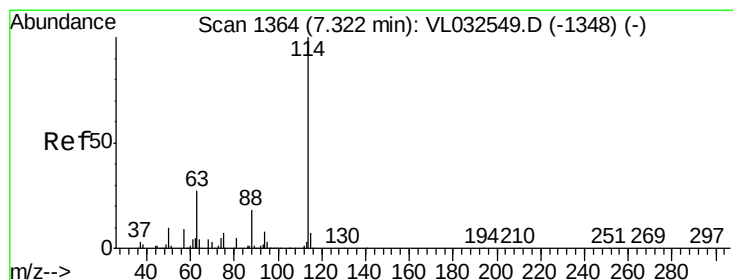
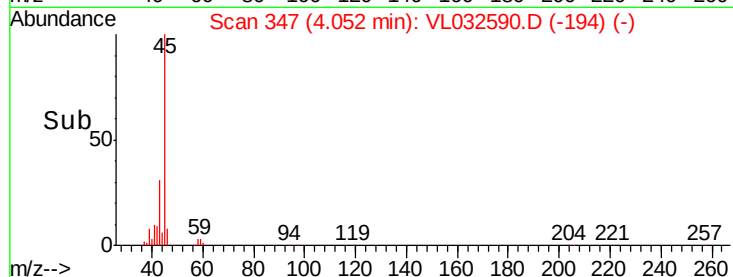
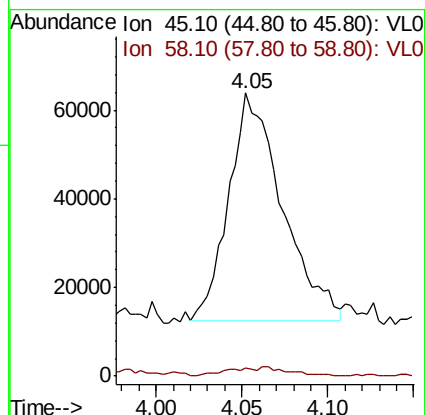
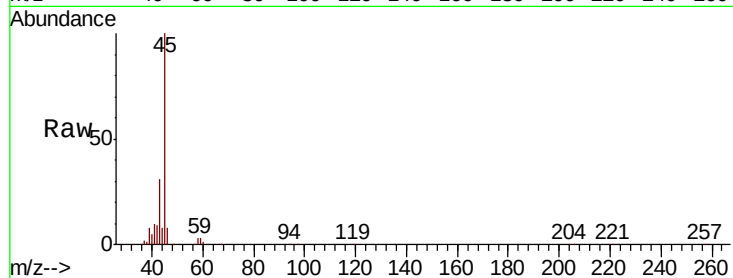
KSS-1DL

Tot Ion: 45 Resp: 111214

Ion Ratio Lower Upper

45 100

58 4.5 2.0 3.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.32 min Scan# 1362

Delta R.T. -0.03 min

Lab File: VL032590.D

Acq: 3 Oct 2018 21:57

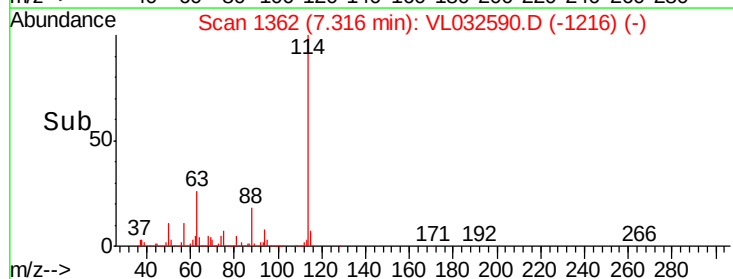
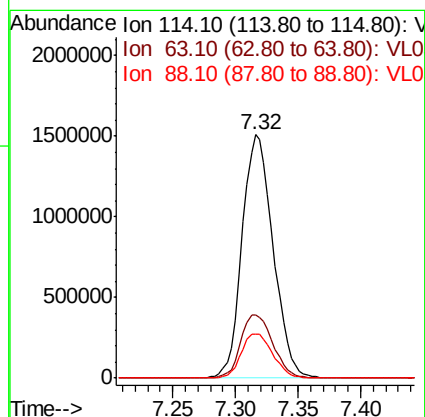
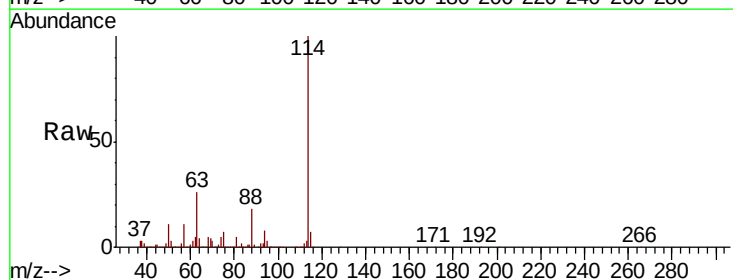
Tgt Ion: 114 Resp: 2596183

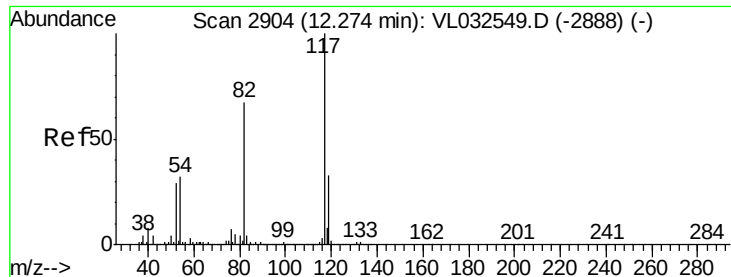
Ion Ratio Lower Upper

114 100

63 26.9 22.2 33.4

88 18.5 15.0 22.4

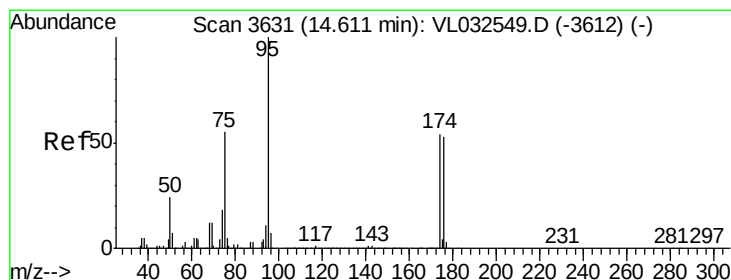
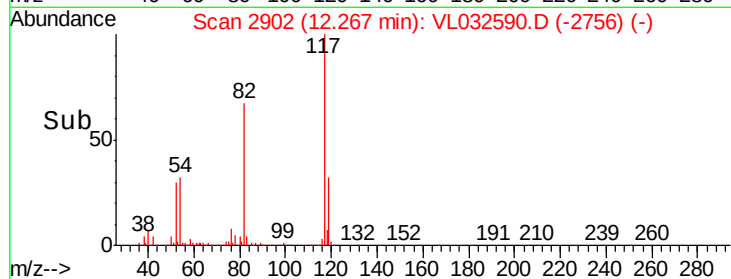
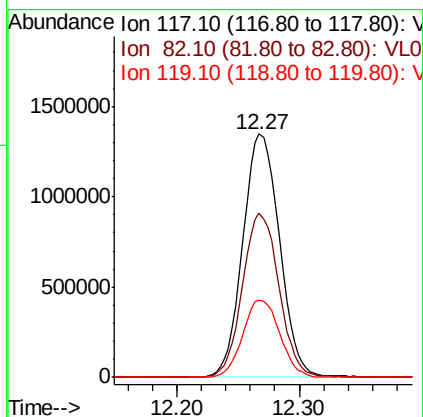
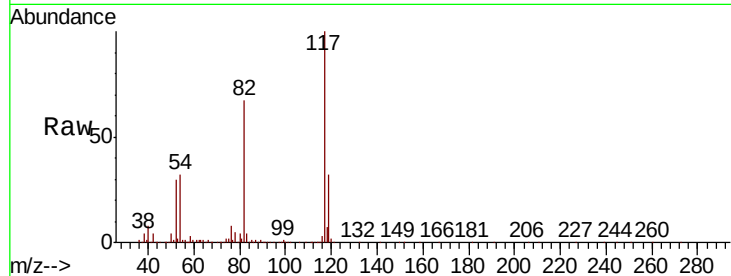




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032590.D
Acq: 3 Oct 2018 21:57

Instrument :
MSVOA_L
ClientSampleId :
KSS-1DL

Tot Ion:117 Resp: 2804657
Ion Ratio Lower Upper
117 100
82 67.3 53.0 79.6
119 32.4 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.408 ppbv
RT: 14.60 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL032590.D
Acq: 3 Oct 2018 21:57

Tgt Ion: 95 Resp: 1989860
Ion Ratio Lower Upper
95 100
174 58.4 46.3 69.5
175 4.2 3.4 5.0

