

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\
Quantitation Report (Not Reviewed)

Data File : VL032600.D
Acq On : 11 Oct 2018 12:01
Operator : SY/AP
Sample : VL1011ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

Quant Time: Oct 12 01:52:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.78	49	1447687	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	3216047	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3448047	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2457689	9.45	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%

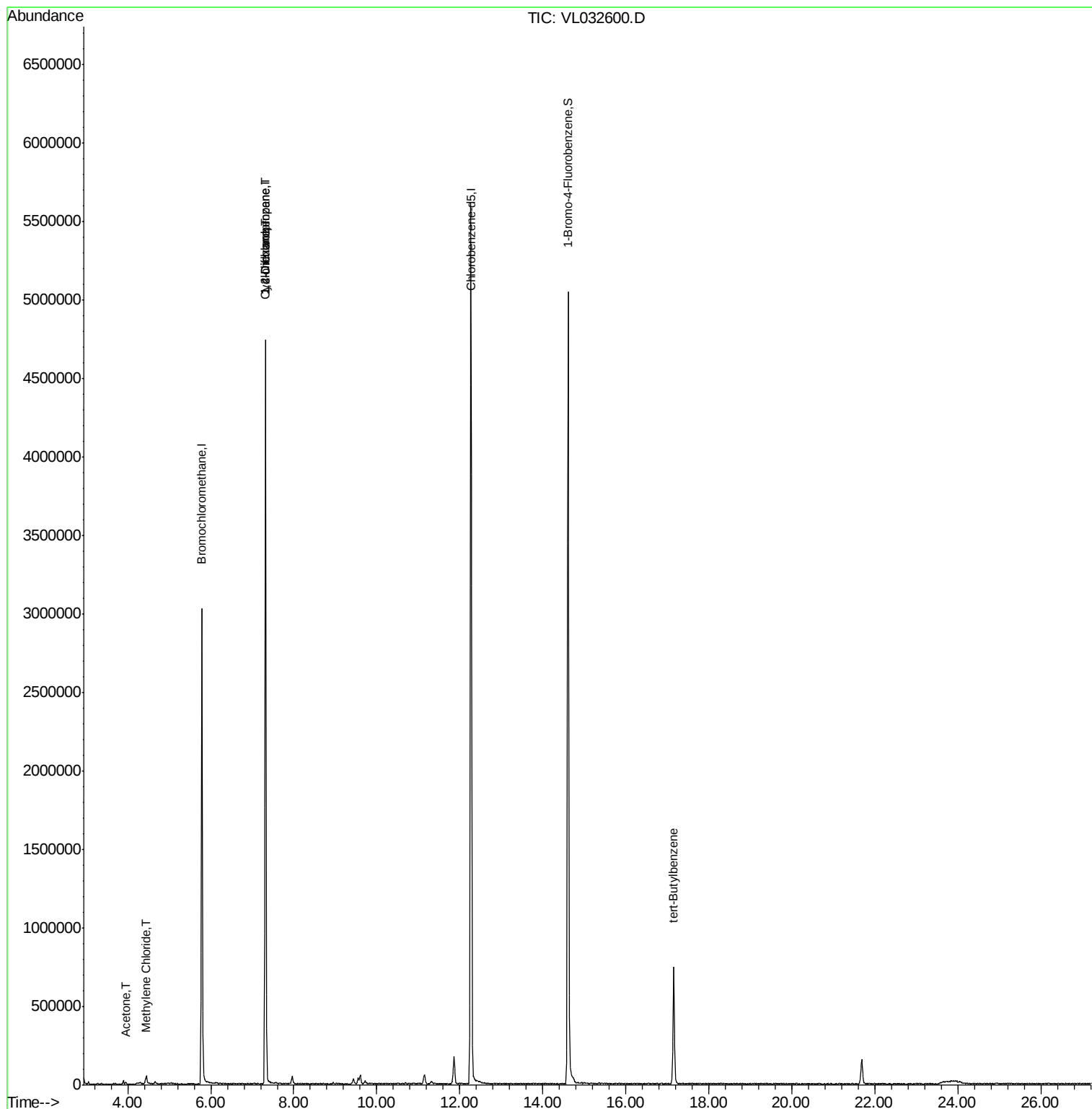
Target Compounds					Qvalue	
15) Acetone	3.95	43	12299	0.097	ppbv #	47
20) Methylene Chloride	4.43	84	5396	0.088	ppbv #	91
30) Cyclohexane	7.30	84	8554	0.075	ppbv #	1
39) 1,2-Dichloropropane	7.31	63	873888	7.461	ppbv #	25
65) tert-Butylbenzene	17.15	119	13271	0.030	ppbv #	9

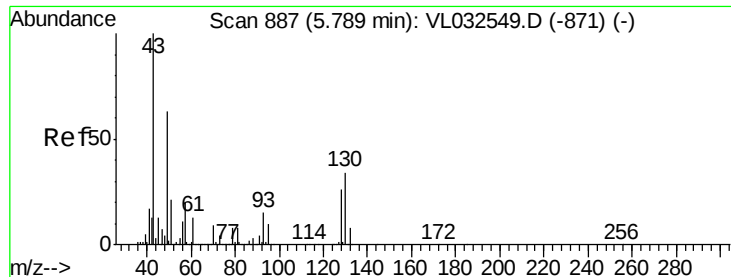
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.03 min

Lab File: VL032600.D

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Instrument :

MSVOA_L

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VL1011ABL01

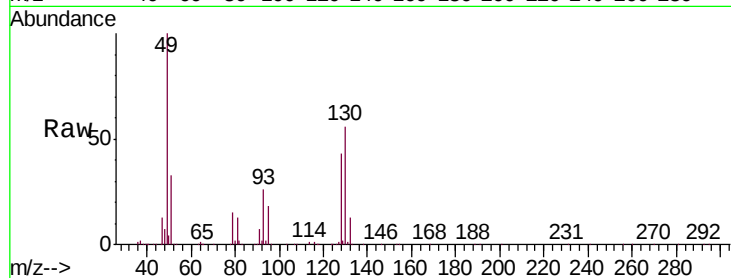
Tgt Ion: 49 Resp: 1447687

Ion Ratio Lower Upper

49 100

128 45.4 20.7 62.1

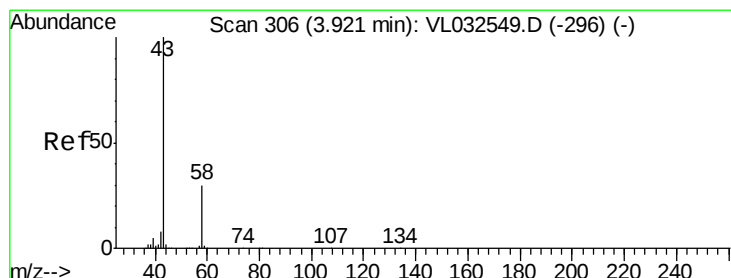
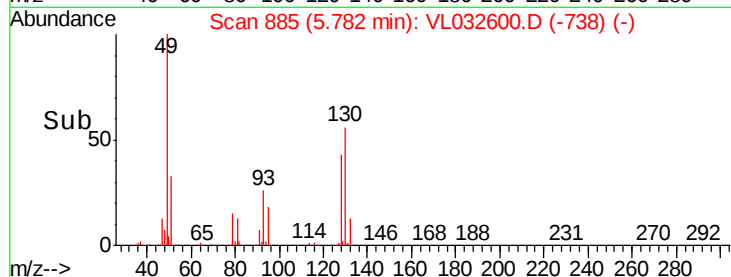
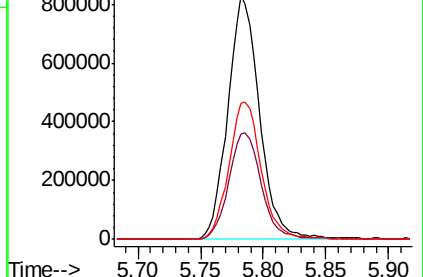
130 58.8 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.097 ppbv

RT: 3.95 min Scan# 315

Delta R.T. 0.01 min

Lab File: VL032600.D

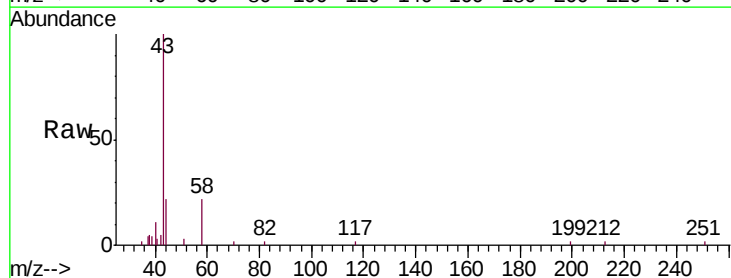
Acq: 11 Oct 2018 12:01

Tgt Ion: 43 Resp: 12299

Ion Ratio Lower Upper

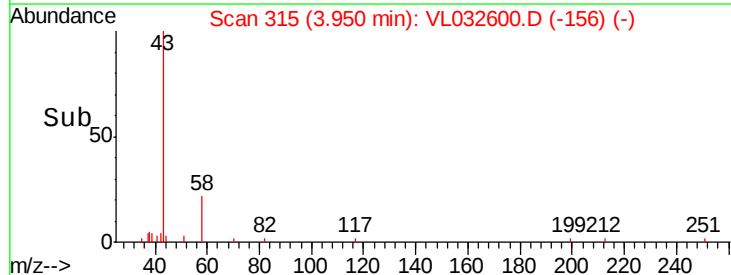
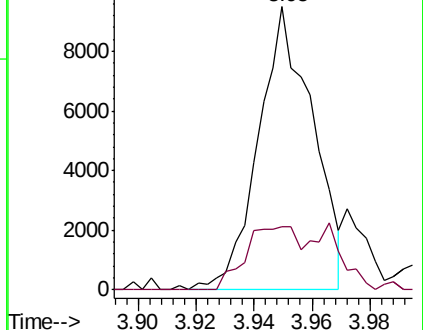
43 100

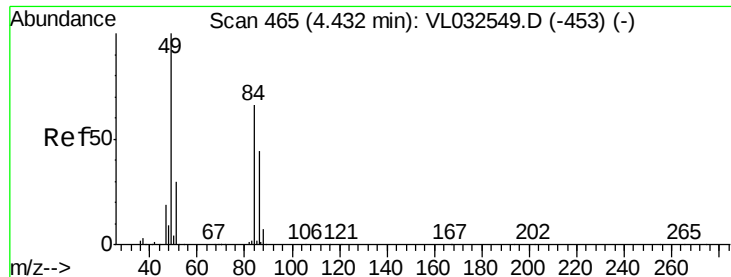
58 0.0 22.6 33.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

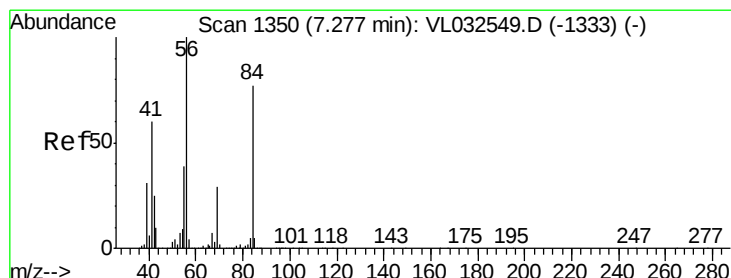
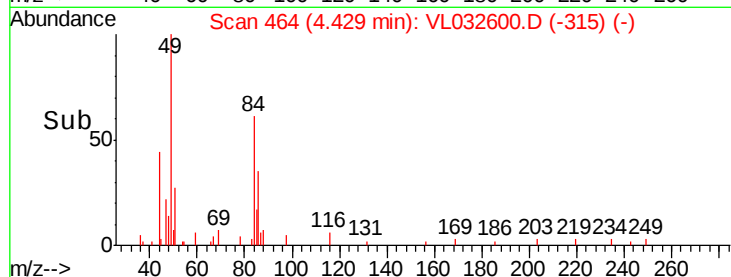
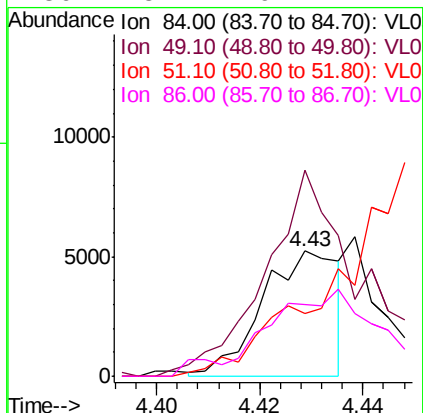
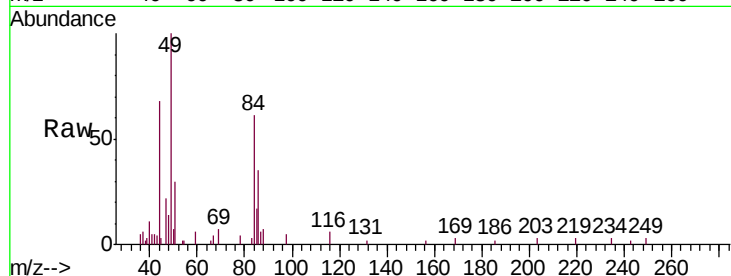




#20
Methylene Chloride
Concen: 0.088 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

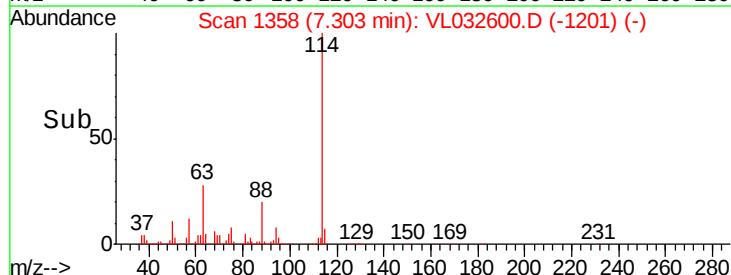
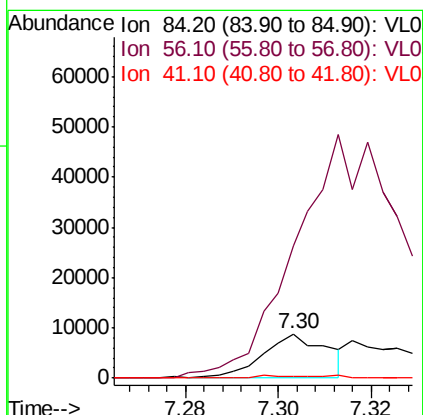
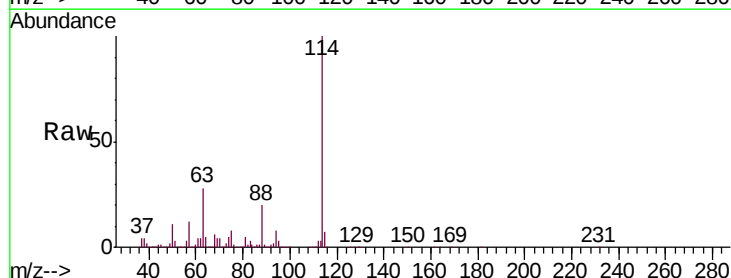
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

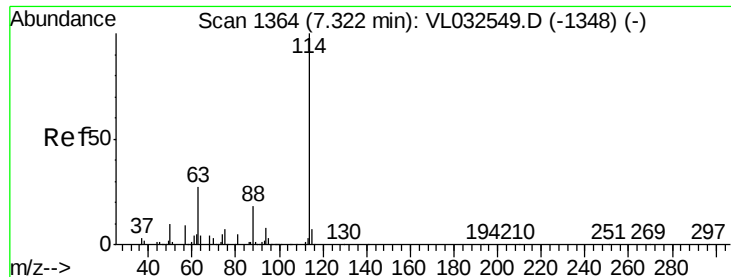
Tgt Ion:	84	Resp:	5396
Ion	Ratio	Lower	Upper
84	100		
49	155.0	119.1	178.7
51	48.6	35.2	52.8
86	45.1	49.4	74.2#



#30
Cyclohexane
Concen: 0.075 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

Tgt Ion:	84	Resp:	8554
Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	2.3	68.1	102.1#

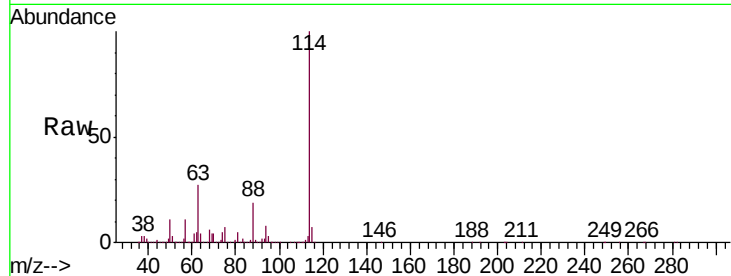




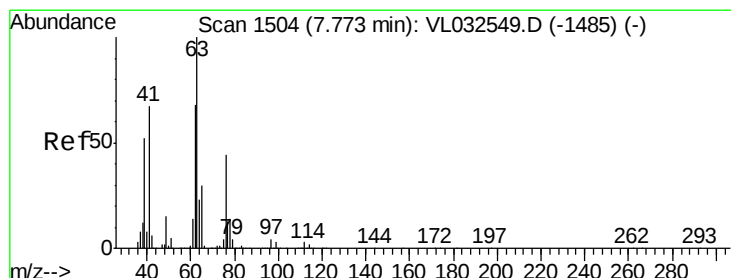
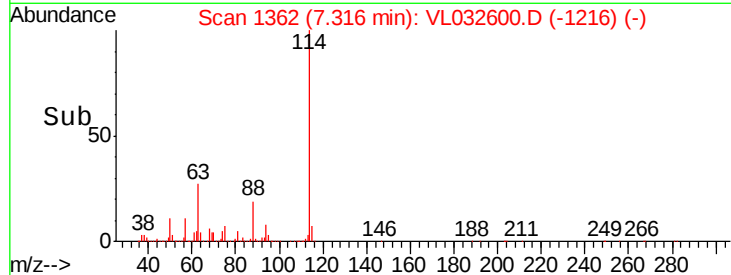
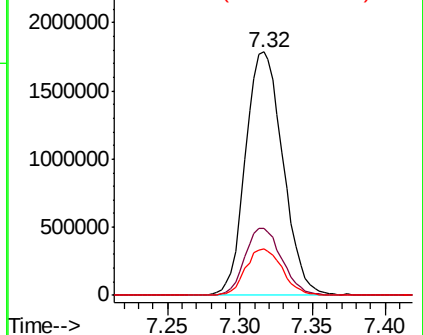
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL032600.D
 Acq: 11 Oct 2018 12:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1011ABL01

Tgt Ion: 114 Resp: 3216047
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.2 33.4
 88 18.8 15.0 22.4

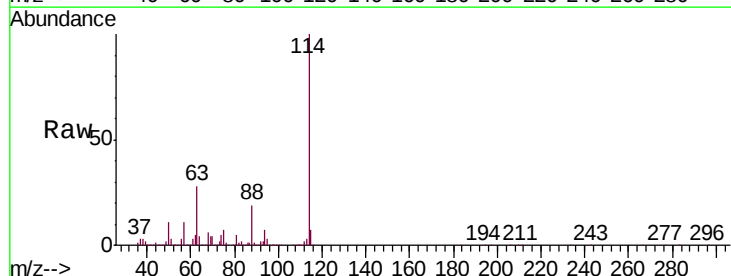


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

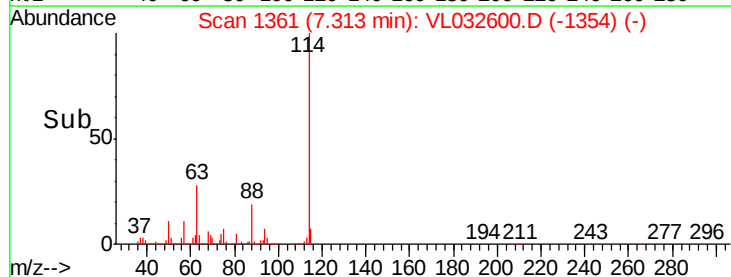
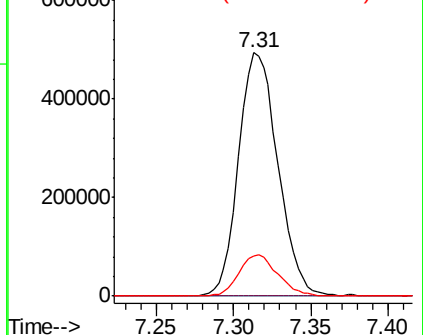


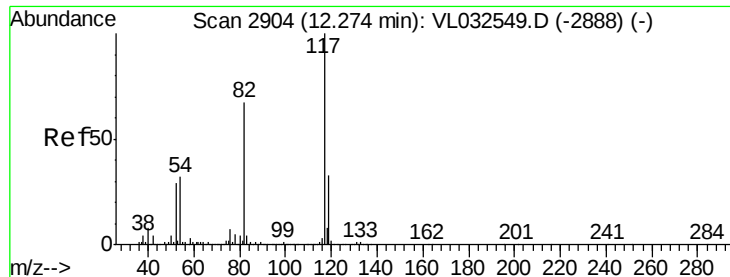
#39
 1,2-Dichloropropane
 Concen: 7.461 ppbv
 RT: 7.31 min Scan# 1361
 Delta R.T. -0.48 min
 Lab File: VL032600.D
 Acq: 11 Oct 2018 12:01

Tgt Ion: 63 Resp: 873888
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 16.3 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

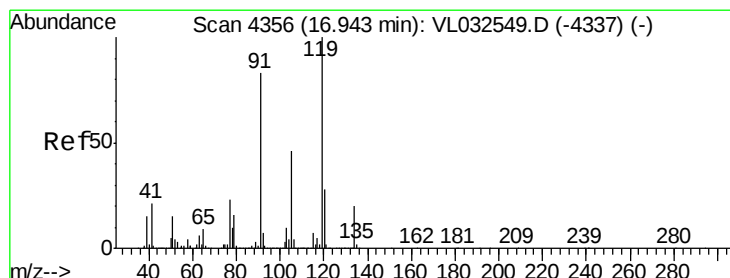
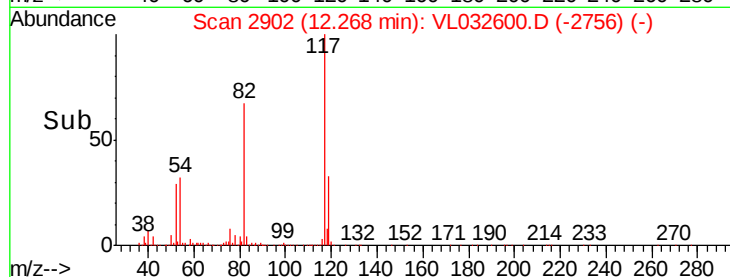
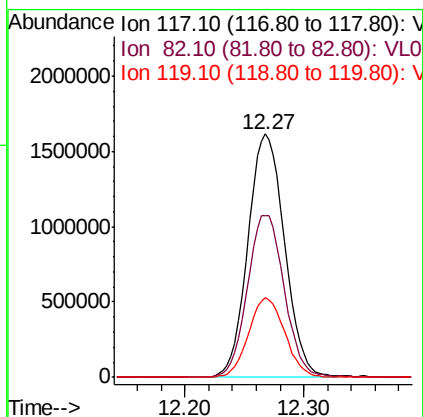
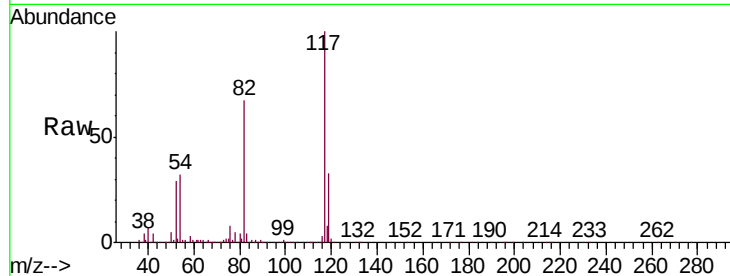




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

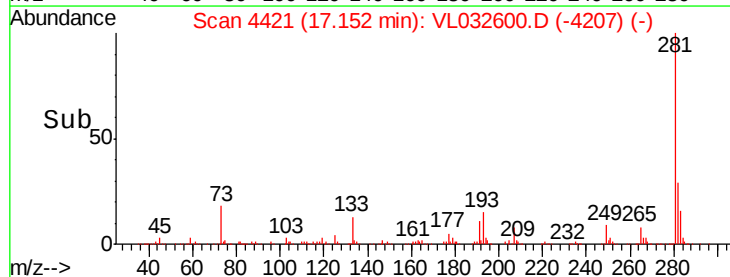
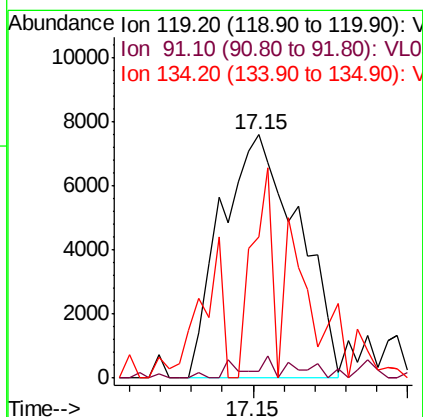
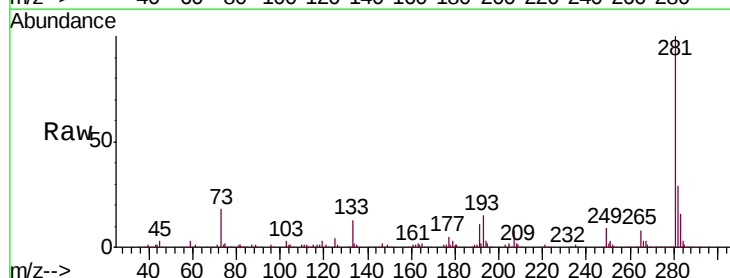
Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

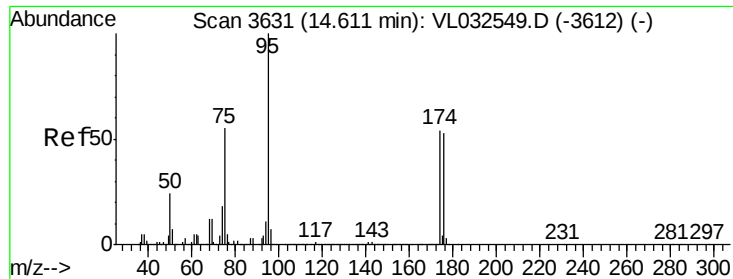
Tgt Ion:117 Resp: 3448047
Ion Ratio Lower Upper
117 100
82 67.3 53.0 79.6
119 32.5 45.9 68.9#



#65
tert-Butylbenzene
Concen: 0.030 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. 0.19 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

Tgt Ion:119 Resp: 13271
Ion Ratio Lower Upper
119 100
91 5.1 66.5 99.7#
134 69.4 16.0 24.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.452 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032600.D

Acq: 11 Oct 2018 12:01

Instrument :

MSVOA_L

ClientSampleId :

VL1011ABL01

Tgt Ion: 95 Resp: 2457689

Ion Ratio Lower Upper

95 100

174 58.8 46.3 69.5

175 4.2 3.4 5.0

