

Data File : VL032550.D
Acq On : 27 Sep 2018 15:10
Operator : SY/AP
Sample : VL0927ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABL01

Quant Time: Sep 28 02:07:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1361994	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3052050	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3163978	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2308915	9.68	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

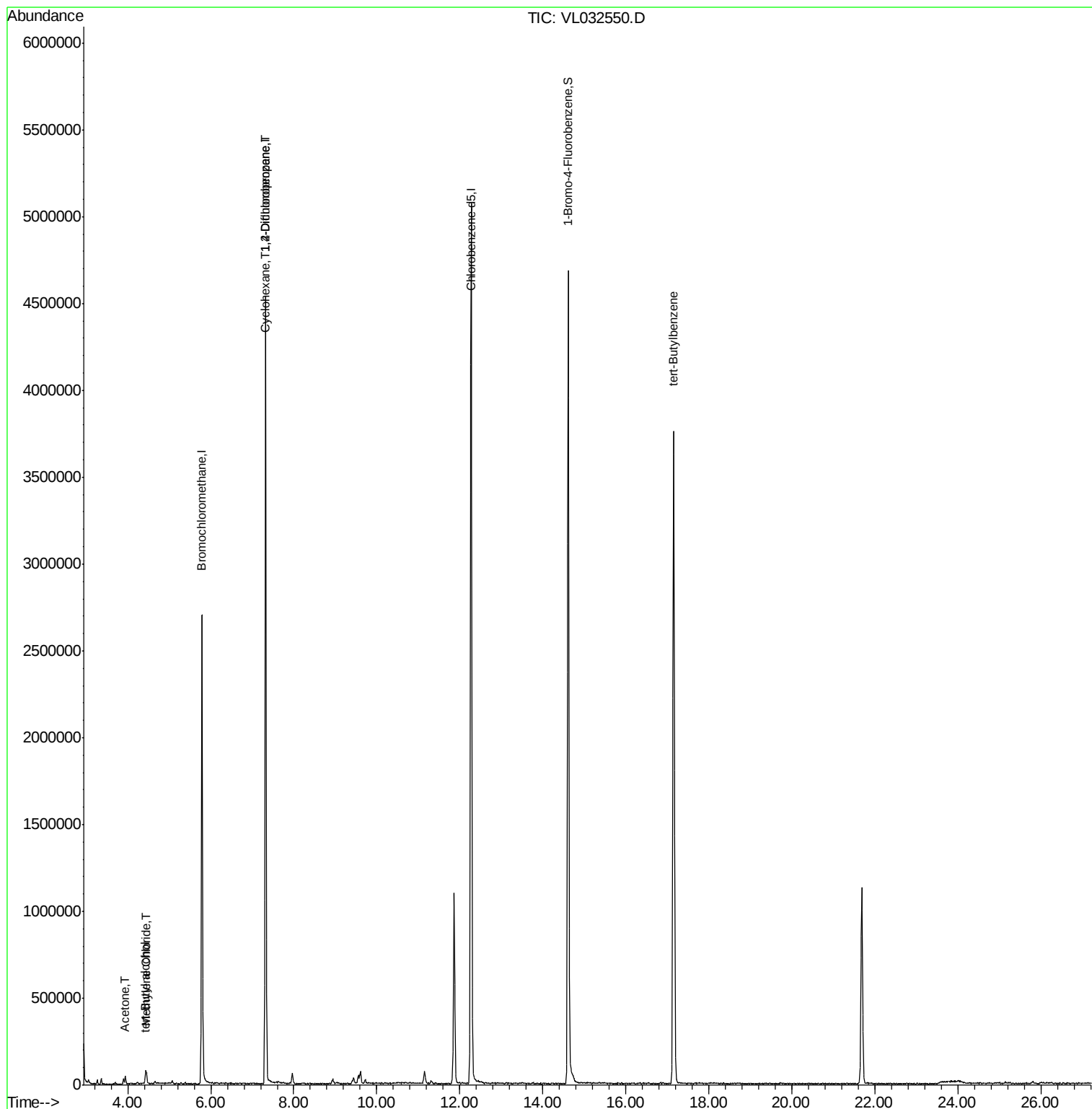
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.94	43	51068	0.427	ppbv	96
17) tert-Butyl alcohol	4.41	59	4653	0.310	ppbv #	100
20) Methylene Chloride	4.44	84	19794	0.342	ppbv #	76
30) Cyclohexane	7.30	84	7544	0.071	ppbv #	1
39) 1,2-Dichloropropane	7.32	63	834392	7.507	ppbv #	26
65) tert-Butylbenzene	17.15	119	37754	0.094	ppbv #	29

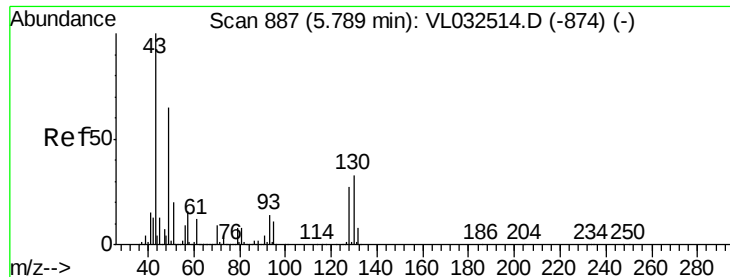
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL032550.D
Acq On : 27 Sep 2018 15:10
Operator : SY/AP
Sample : VL0927ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABL01

Quant Time: Sep 28 02:07:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 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: VL032550.D

Acq: 27 Sep 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABL01

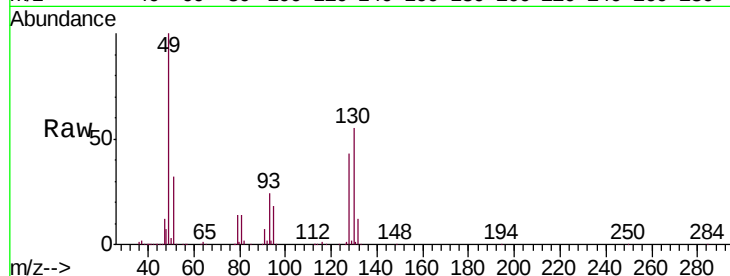
Tgt Ion: 49 Resp: 1361994

Ion Ratio Lower Upper

49 100

128 43.9 20.7 62.1

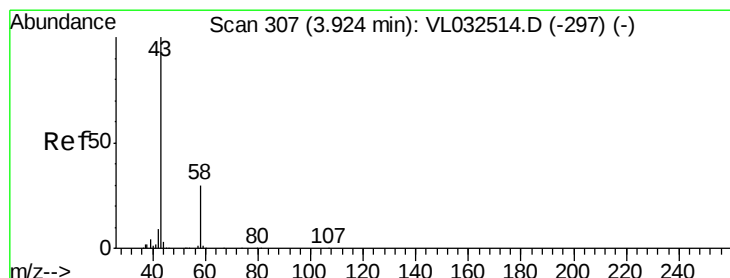
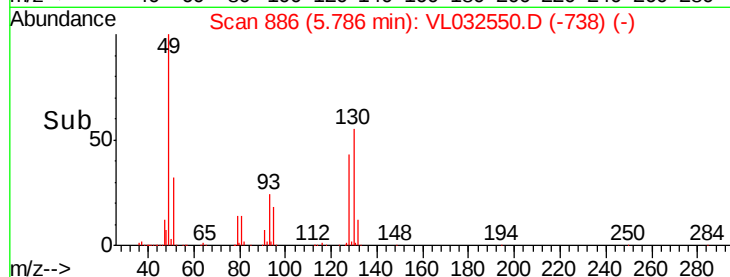
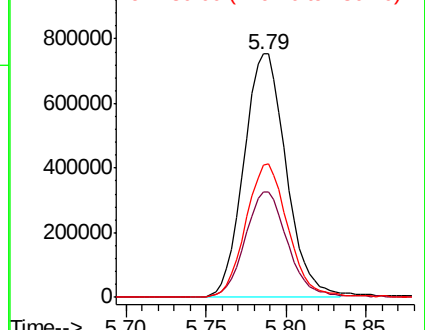
130 55.2 26.6 79.7



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



#15

Acetone

Concen: 0.427 ppbv

RT: 3.94 min Scan# 311

Delta R.T. -0.00 min

Lab File: VL032550.D

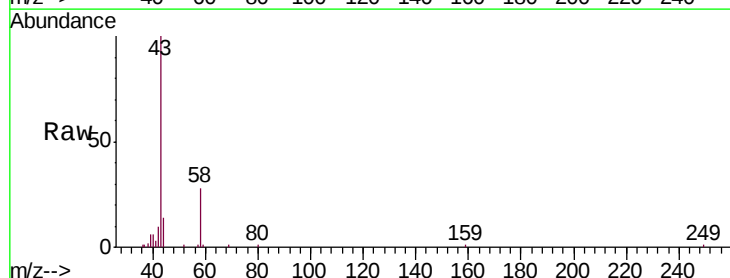
Acq: 27 Sep 2018 15:10

Tgt Ion: 43 Resp: 51068

Ion Ratio Lower Upper

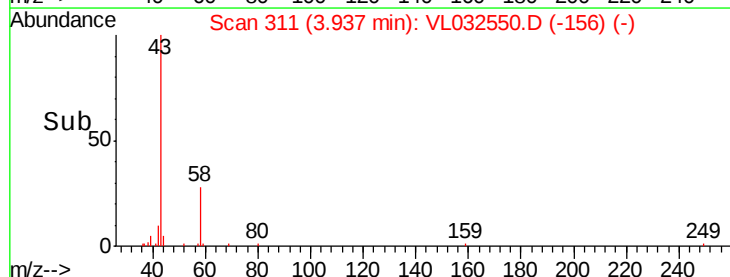
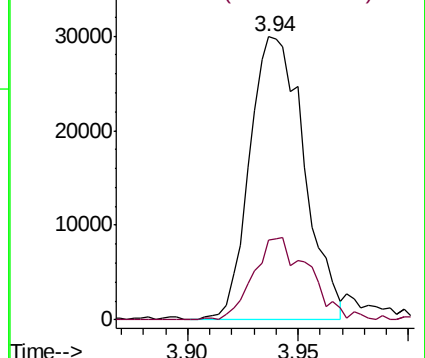
43 100

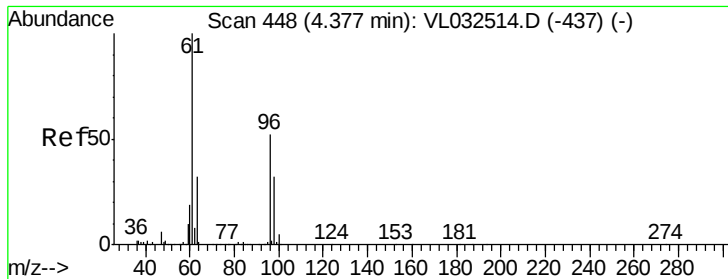
58 30.1 22.6 33.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



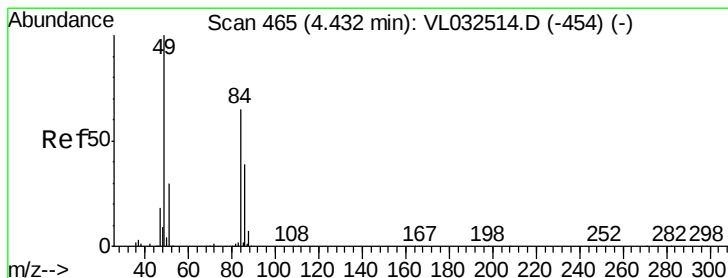
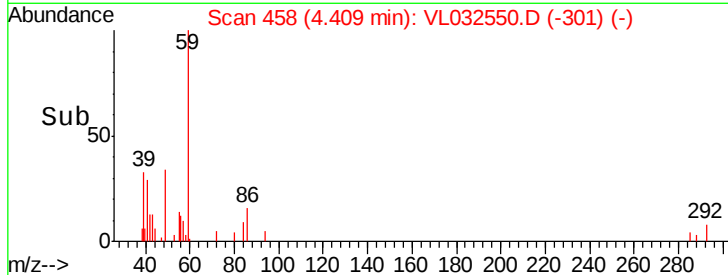
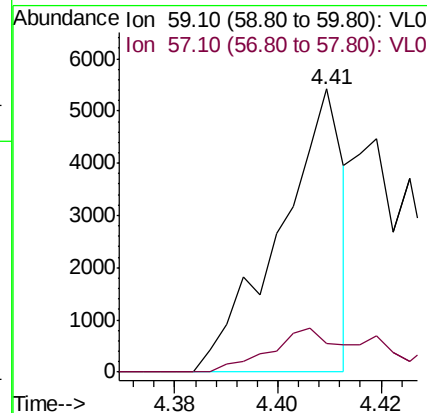
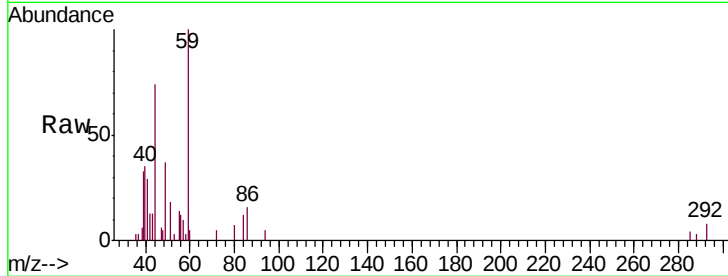


#17

tert-Butyl alcohol
 Concen: 0.310 ppbv
 RT: 4.41 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABL01

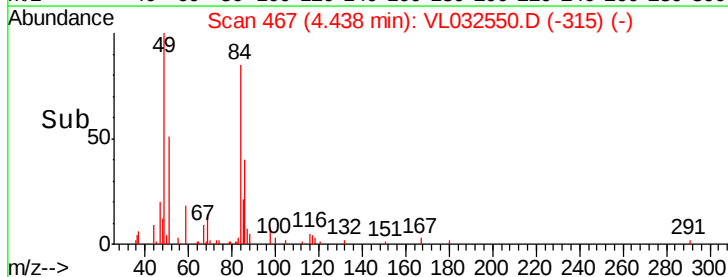
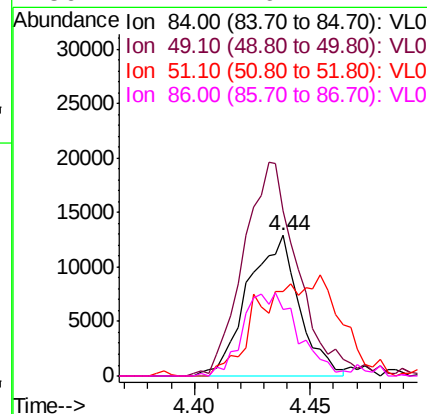
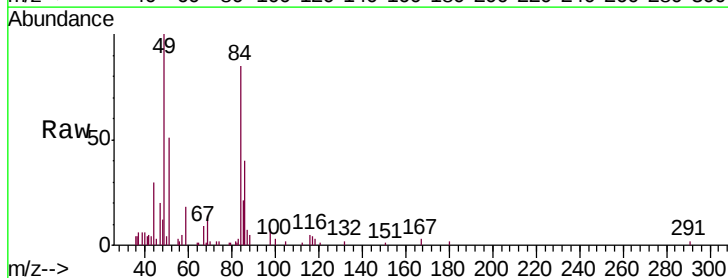
Tgt Ion: 59 Resp: 4653
 Ion Ratio Lower Upper
 59 100
 57 31.5 0.0 0.0#

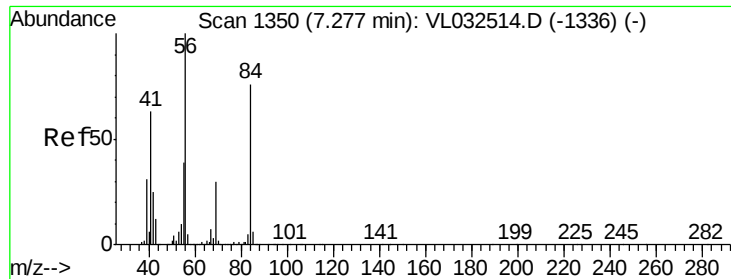


#20

Methylene Chloride
 Concen: 0.342 ppbv
 RT: 4.44 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

Tgt Ion: 84 Resp: 19794
 Ion Ratio Lower Upper
 84 100
 49 116.1 119.1 178.7#
 51 60.4 35.2 52.8#
 86 47.4 49.4 74.2#

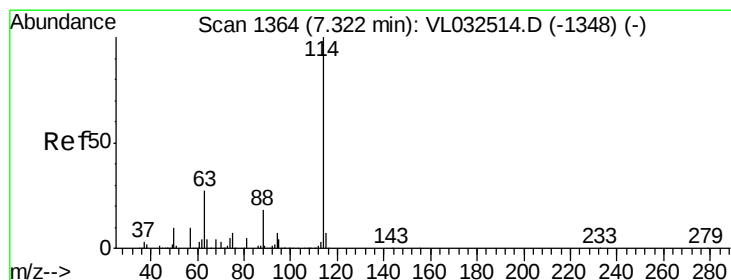
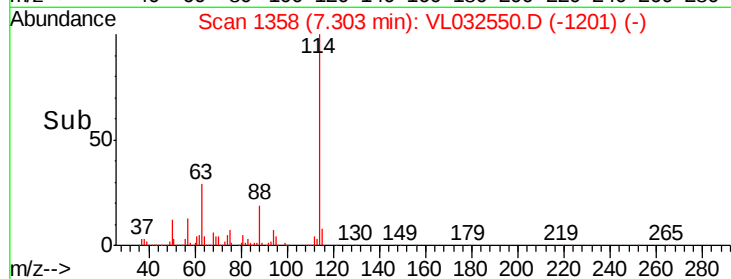
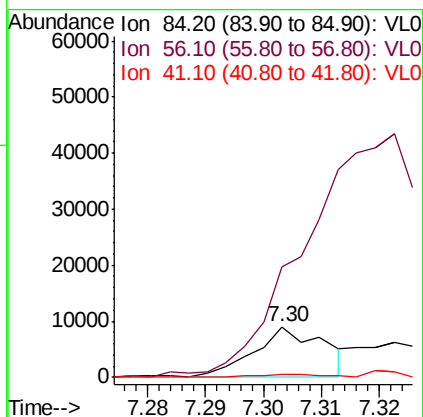
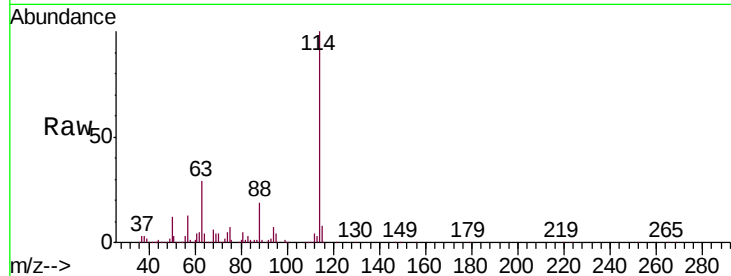




#30
Cyclohexane
Concen: 0.071 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032550.D
Acq: 27 Sep 2018 15:10

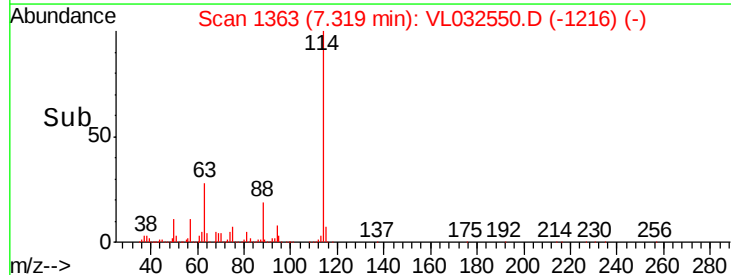
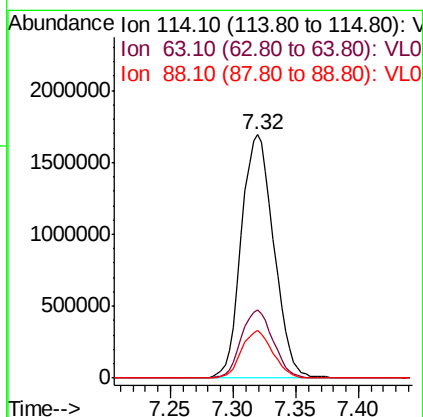
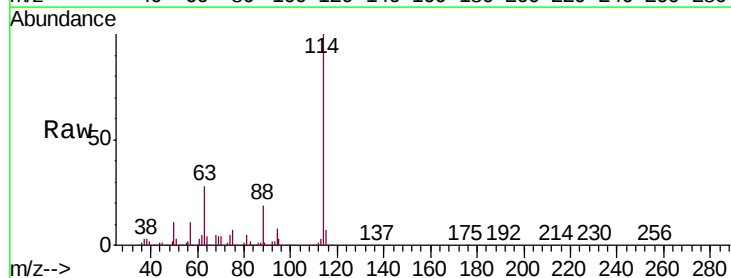
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABL01

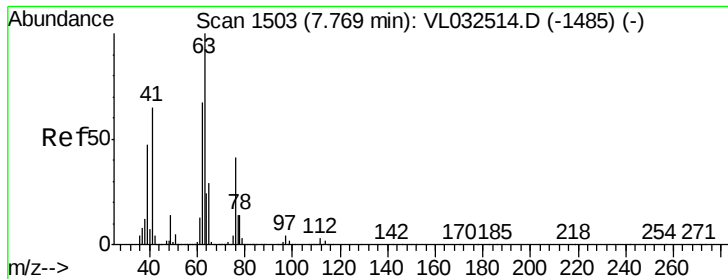
Tgt Ion: 84 Resp: 7544
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 0.0 68.1 102.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032550.D
Acq: 27 Sep 2018 15:10

Tgt Ion: 114 Resp: 3052050
Ion Ratio Lower Upper
114 100
63 27.6 22.2 33.4
88 18.9 15.0 22.4

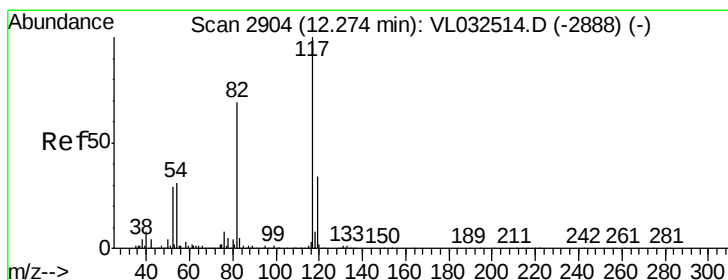
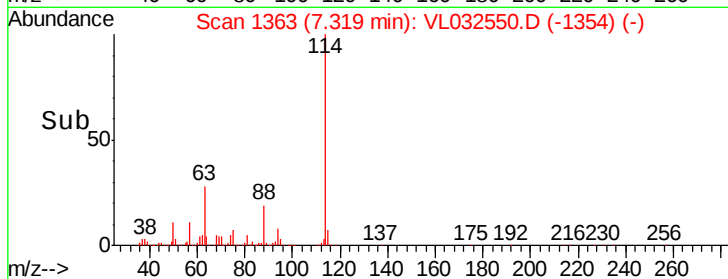
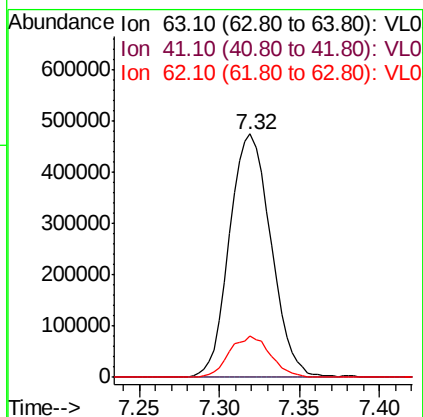
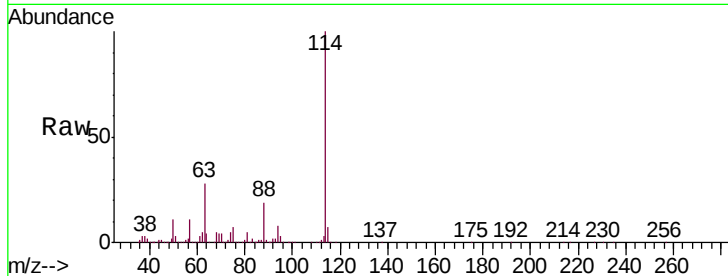




#39
 1,2-Dichloropropane
 Concen: 7.507 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

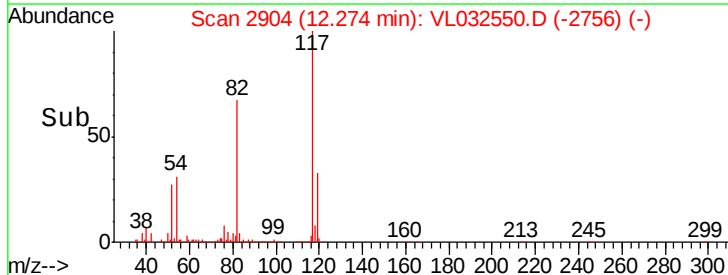
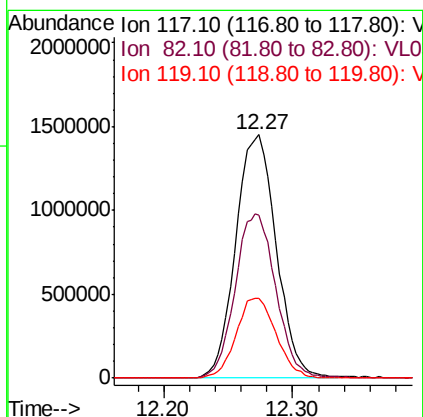
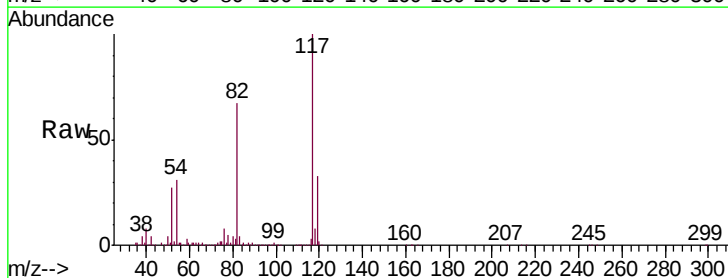
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABL01

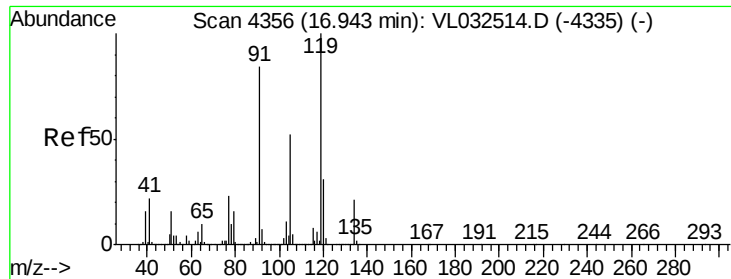
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.2	55.4	83.0#
62	17.1	55.4	83.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.27 min Scan# 2904
 Delta R.T. -0.02 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.0	79.6
119	32.8	45.9	68.9#

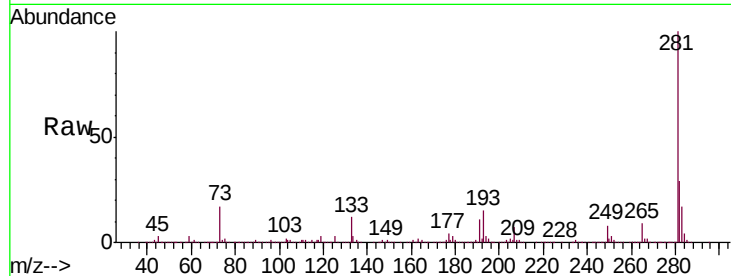




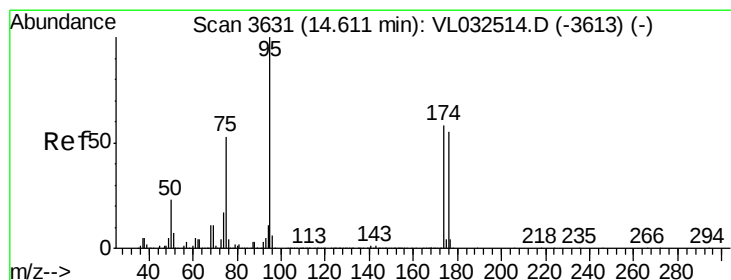
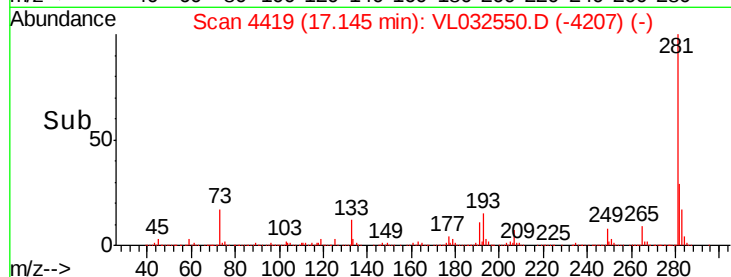
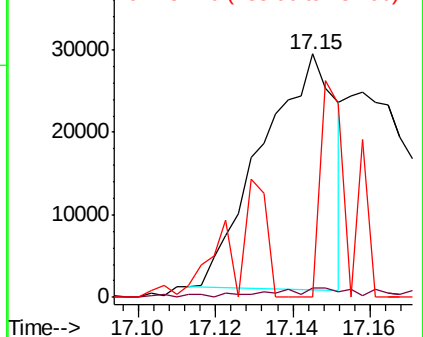
#65
 tert-Butylbenzene
 Concen: 0.094 ppbv
 RT: 17.15 min Scan# 4419
 Delta R.T. 0.18 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABL01

Tgt Ion: 119 Resp: 37754
 Ion Ratio Lower Upper
 119 100
 91 6.9 66.5 99.7#
 134 25.6 16.0 24.0#

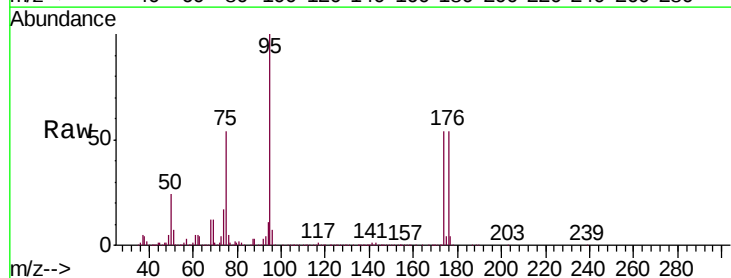


Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 134.20 (133.90 to 134.90): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.677 ppbv
 RT: 14.61 min Scan# 3630
 Delta R.T. -0.03 min
 Lab File: VL032550.D
 Acq: 27 Sep 2018 15:10

Tgt Ion: 95 Resp: 2308915
 Ion Ratio Lower Upper
 95 100
 174 58.0 46.3 69.5
 175 4.2 3.4 5.0



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

