

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
 Data File : VL032482.D
 Acq On : 10 Sep 2018 16:50
 Operator : SY/AP
 Sample : VL0910ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

Quant Time: Sep 11 01:10:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1637285	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3769594	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3541012	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2773959	10.55	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

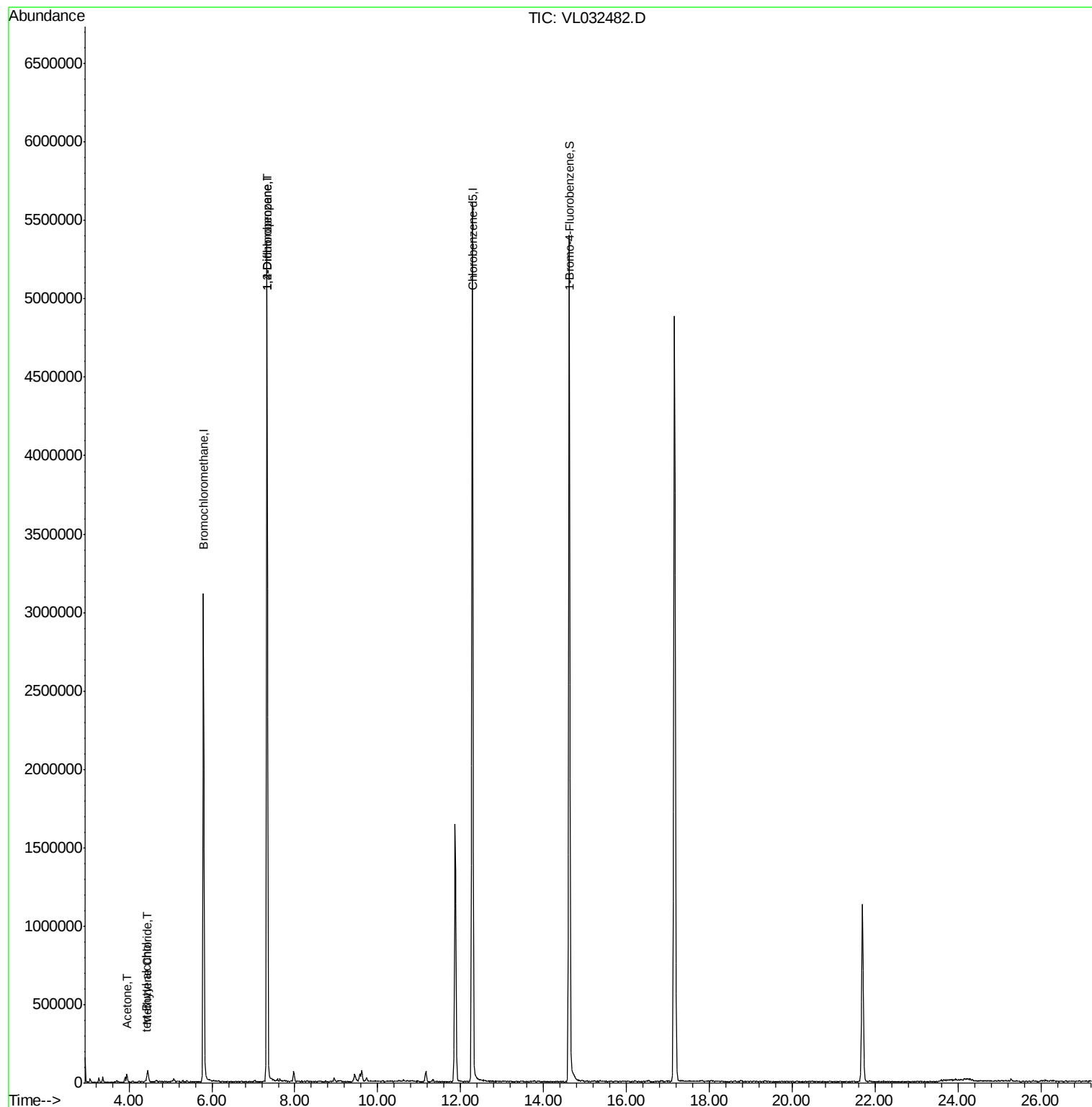
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.95	43	51818	0.351	ppbv #	84
17) tert-Butyl alcohol	4.42	59	3157	0.139	ppbv #	100
20) Methylene Chloride	4.44	84	19386	0.345	ppbv #	92
39) 1,2-Dichloropropane	7.33	63	1037526	7.559	ppbv #	26

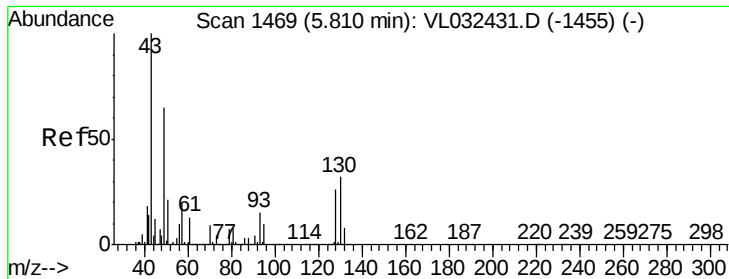
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 889

Delta R.T. -0.01 min

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MSVOA_L

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VL0910ABL01

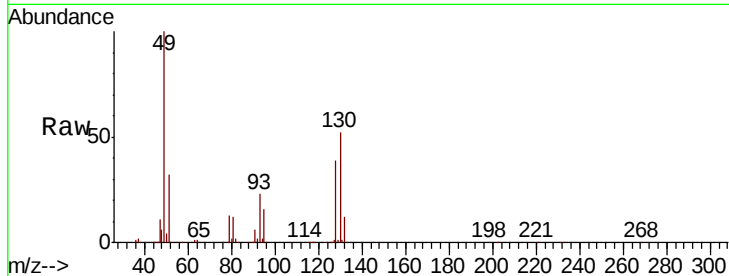
Tgt Ion: 49 Resp: 1637285

Ion Ratio Lower Upper

49 100

128 41.7 20.7 62.1

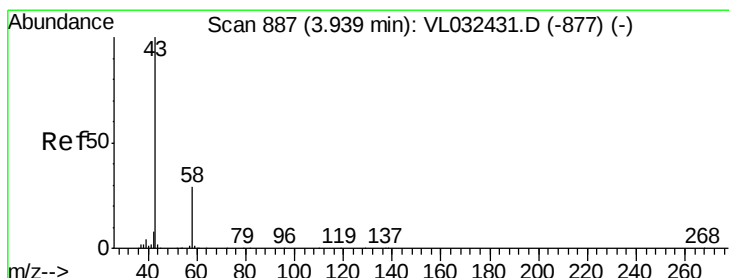
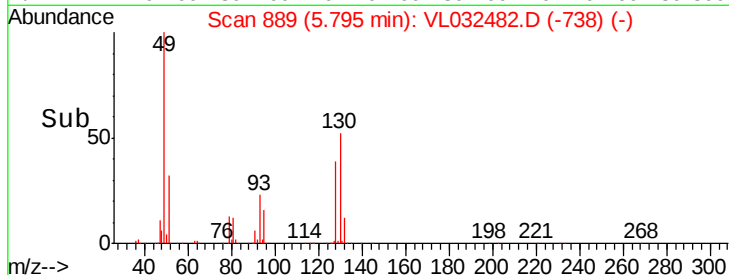
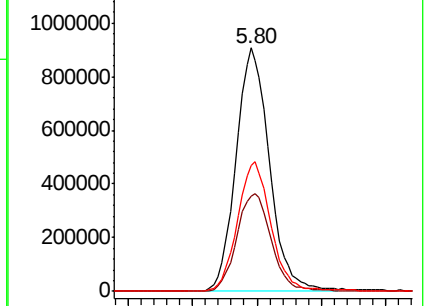
130 53.9 26.6 79.7



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: 0.351 ppbv

RT: 3.95 min Scan# 314

Delta R.T. 0.01 min

Lab File: VL032482.D

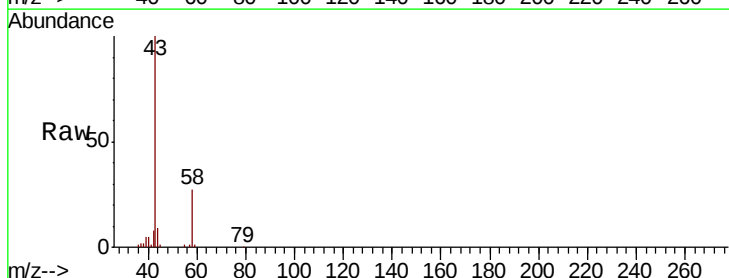
Acq: 10 Sep 2018 16:50

Tgt Ion: 43 Resp: 51818

Ion Ratio Lower Upper

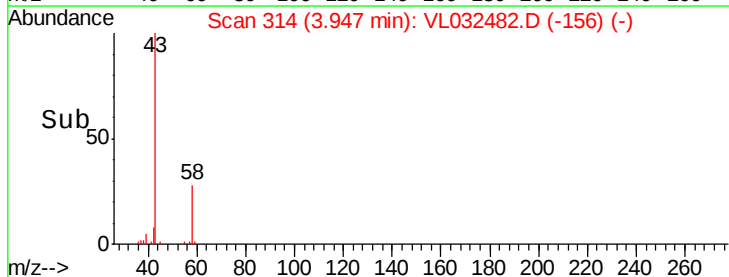
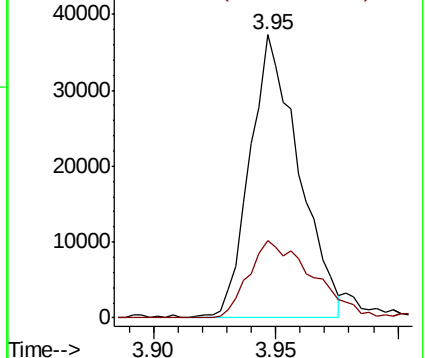
43 100

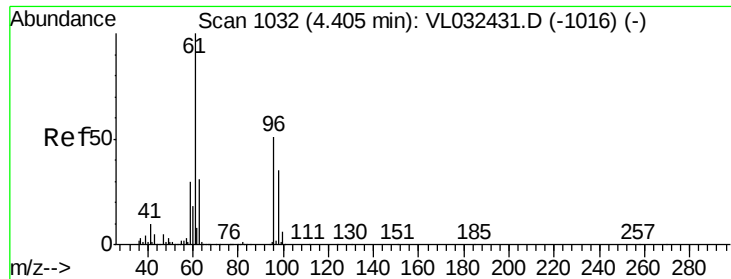
58 36.8 22.6 33.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

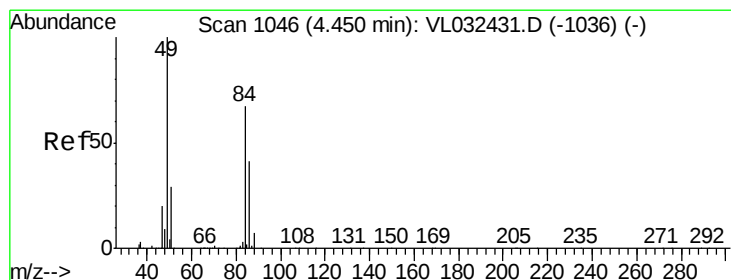
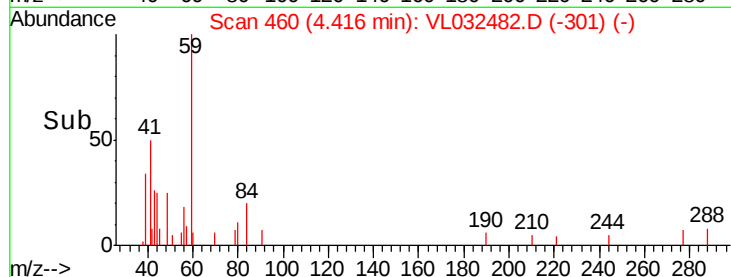
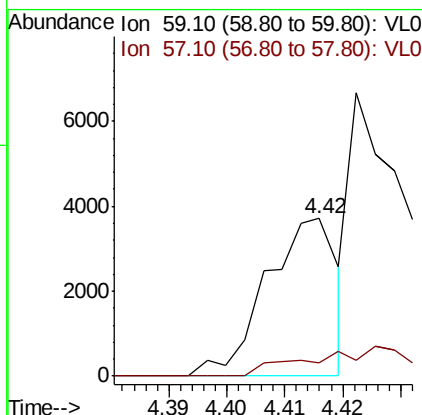
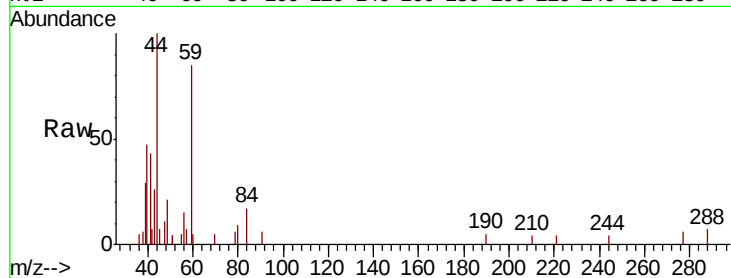




#17
 tert-Butyl alcohol
 Concen: 0.139 ppbv
 RT: 4.42 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

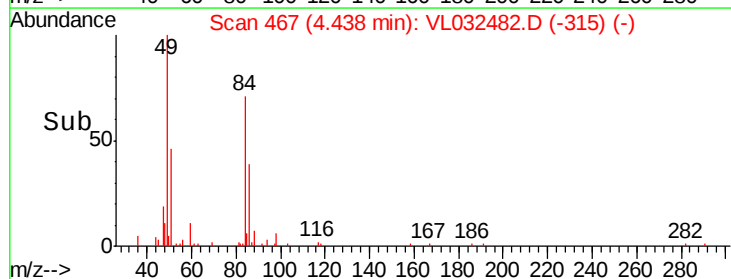
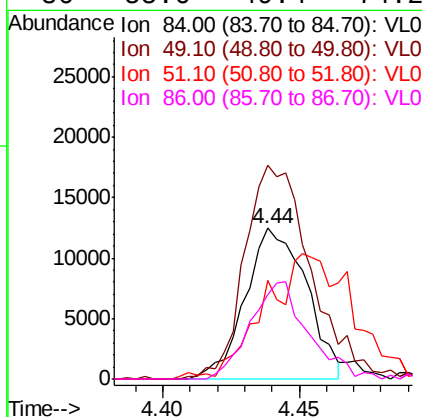
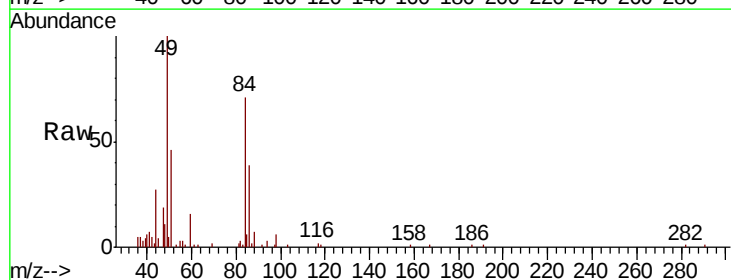
Instrument :
 MSVOA_L
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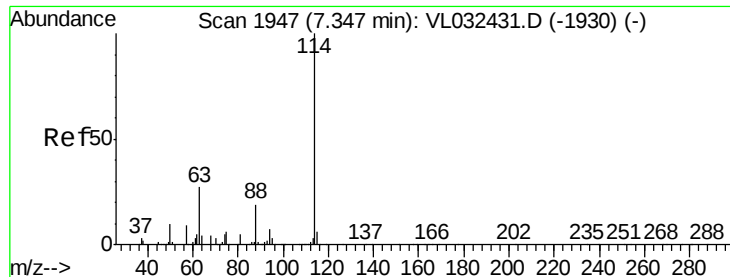
Tgt Ion: 59 Resp: 3157
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0



#20
 Methylene Chloride
 Concen: 0.345 ppbv
 RT: 4.44 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

Tgt Ion: 84 Resp: 19386
 Ion Ratio Lower Upper
 84 100
 49 146.6 119.1 178.7
 51 61.6 35.2 52.8#
 86 55.6 49.4 74.2

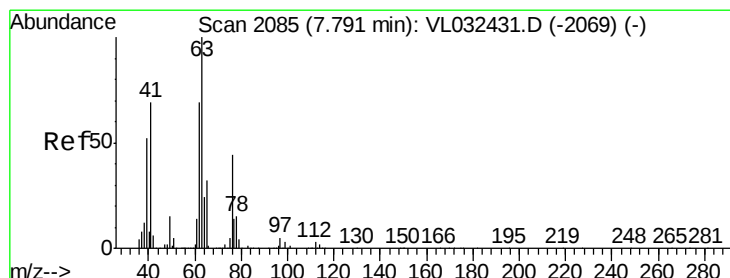
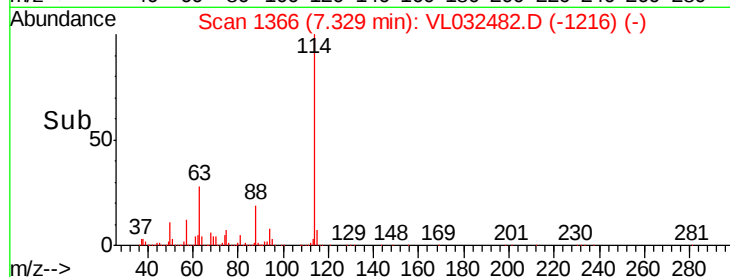
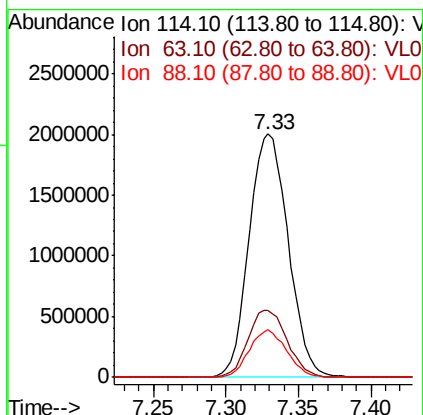
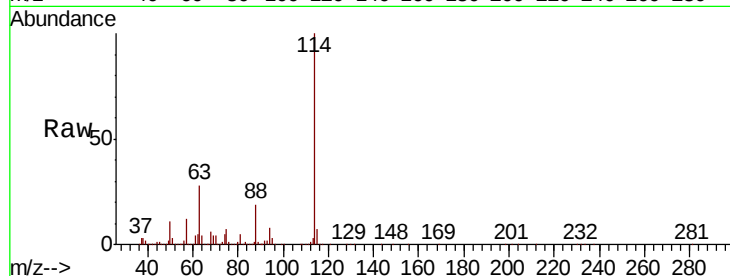




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.33 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

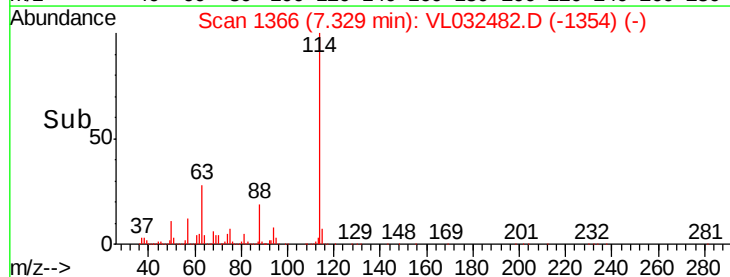
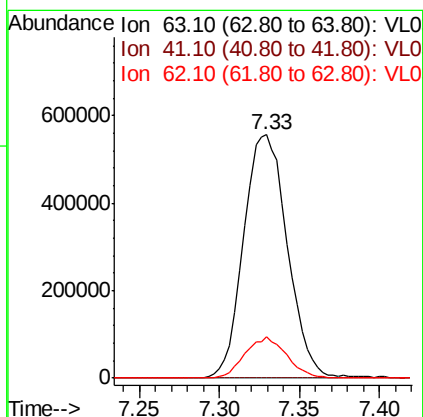
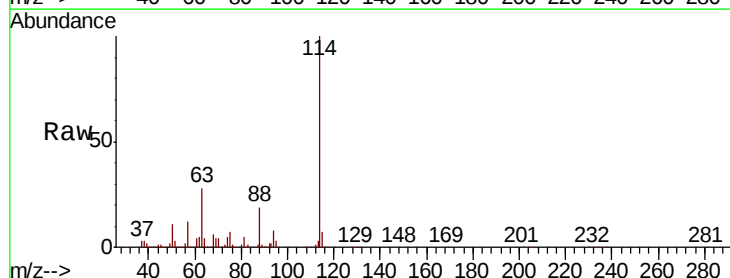
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

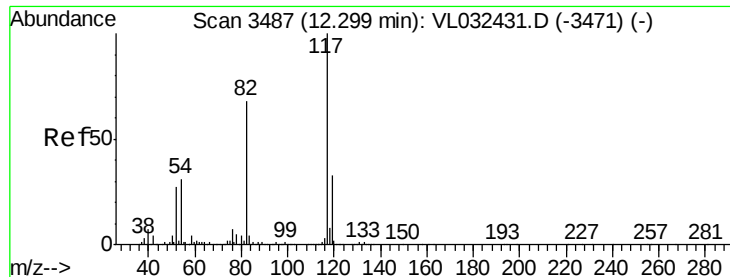
Tgt Ion:114 Resp: 3769594
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.2 33.4
 88 18.7 15.0 22.4



#39
 1,2-Dichloropropane
 Concen: 7.559 ppbv
 RT: 7.33 min Scan# 1366
 Delta R.T. -0.46 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

Tgt Ion: 63 Resp: 1037526
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 16.8 55.4 83.0#

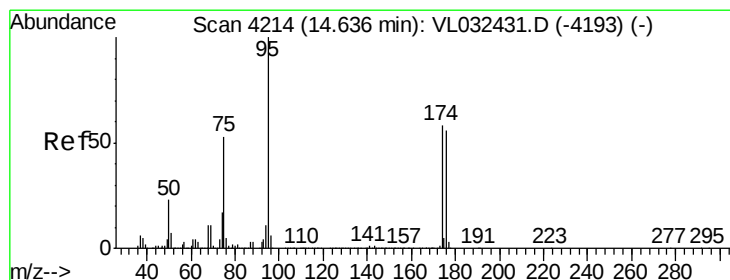
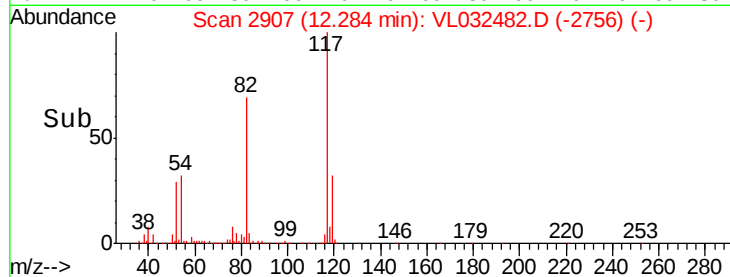
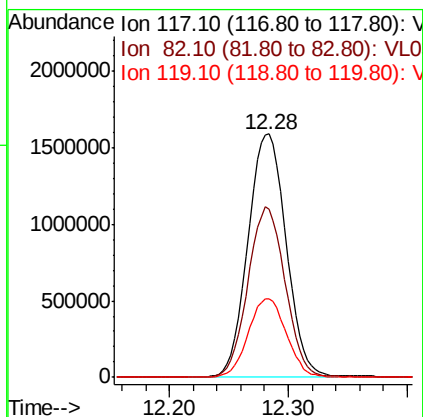
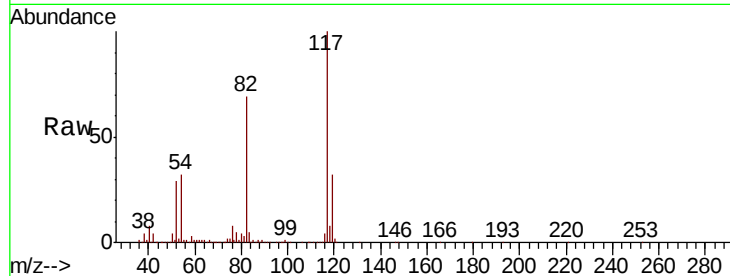




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

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ClientSampleId :
VL0910ABL01

Tgt Ion: 117 Resp: 3541012
Ion Ratio Lower Upper
117 100
82 68.9 53.0 79.6
119 32.7 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.552 ppbv
RT: 14.62 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

Tgt Ion: 95 Resp: 2773959
Ion Ratio Lower Upper
95 100
174 57.7 46.3 69.5
175 4.3 3.4 5.0

