

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070518\
 Data File : VL032222.D
 Acq On : 6 Jul 2018 3:08
 Operator : SY/AP
 Sample : J3762-15 0.3 PPB LOD
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2018

Quant Time: Jul 06 04:32:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1635462	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4005172	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3907399	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2989796	10.01	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

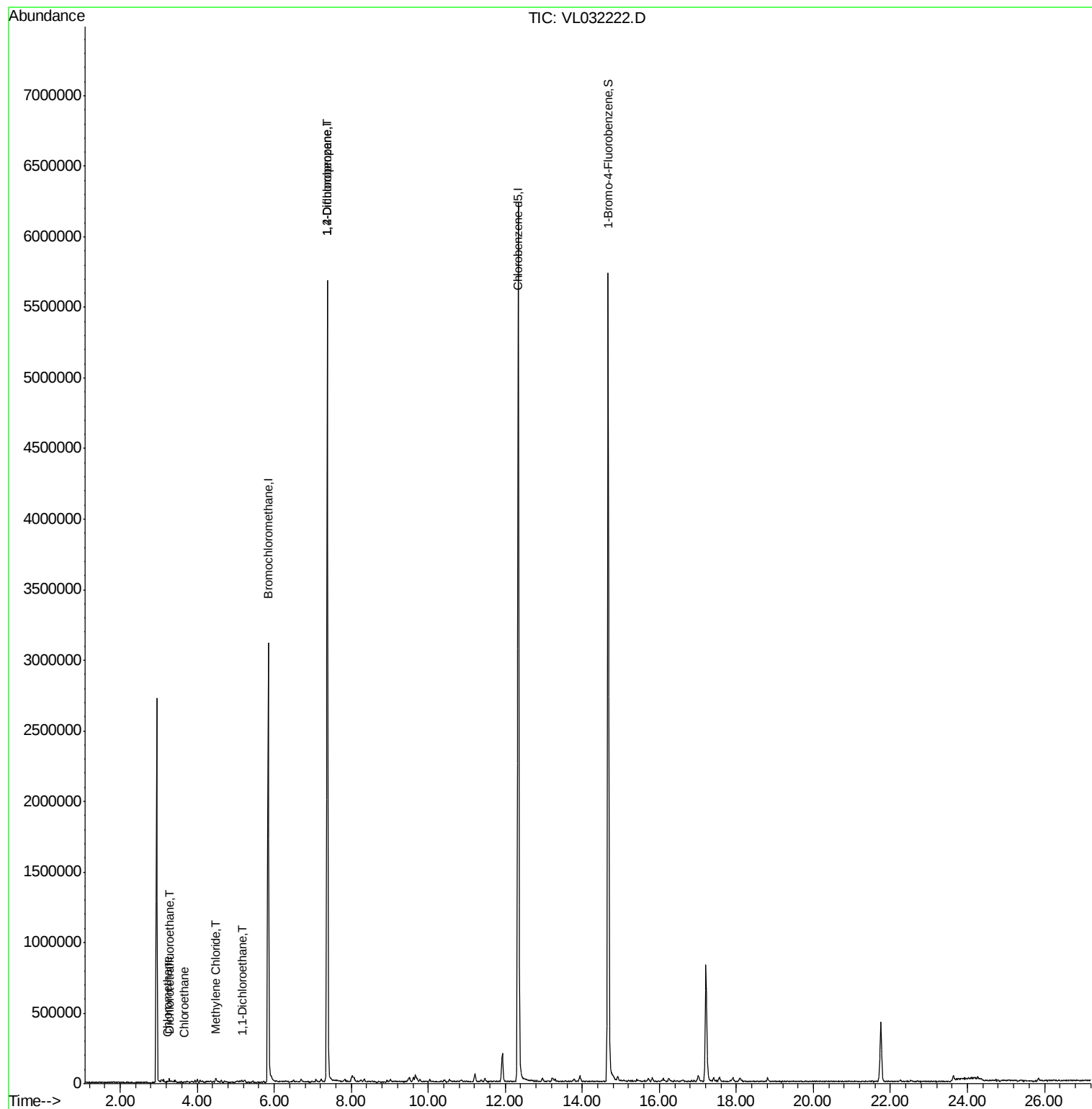
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.22	50	4473	0.042	ppbv #	62
7) Chloroethane	3.67	64	1243	0.033	ppbv #	50
8) Dichlorotetrafluoroethane	3.28	85	8868	0.037	ppbv	98
20) Methylene Chloride	4.49	84	6538	0.094	ppbv #	78
24) 1,1-Dichloroethane	5.17	63	7916	0.036	ppbv #	90
39) 1,2-Dichloropropane	7.38	63	1128834	7.383	ppbv #	28

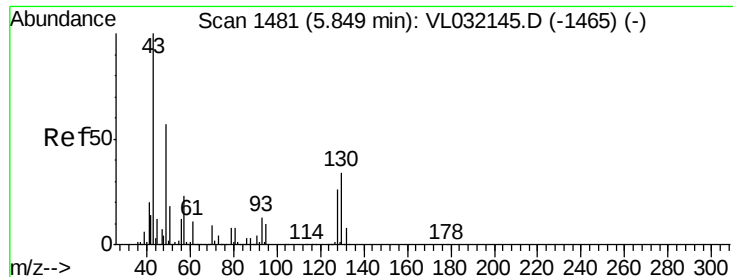
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1478

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2018

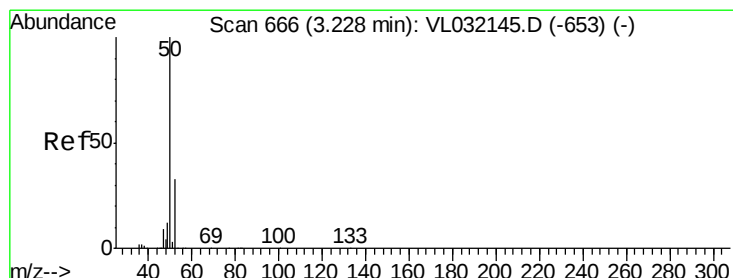
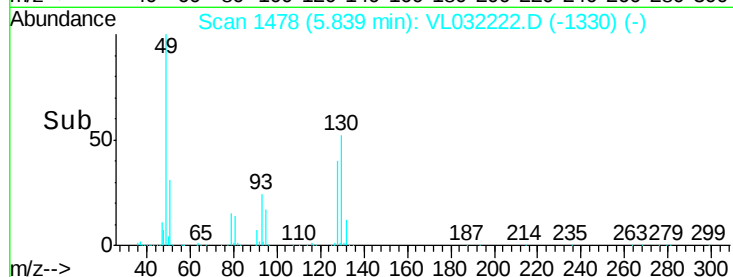
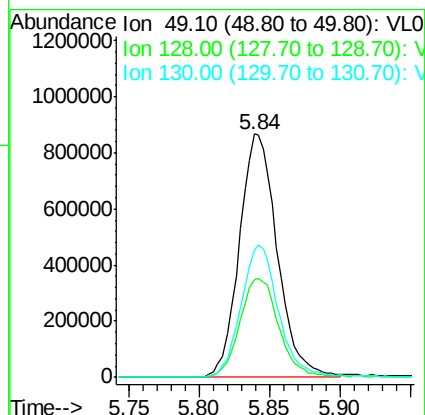
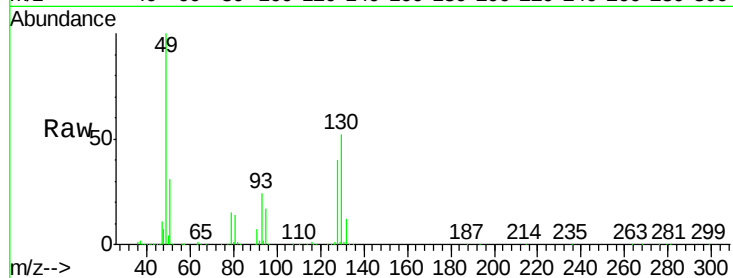
Tgt Ion: 49 Resp: 1635462

Ion Ratio Lower Upper

49 100

128 42.6 23.4 70.0

130 54.5 30.3 90.9



#4

Chloromethane

Concen: 0.042 ppbv

RT: 3.22 min Scan# 665

Delta R.T. -0.01 min

Lab File: VL032222.D

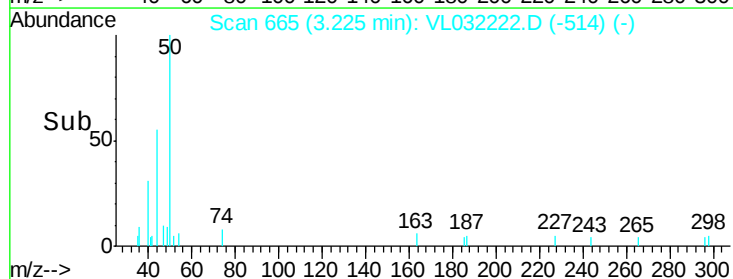
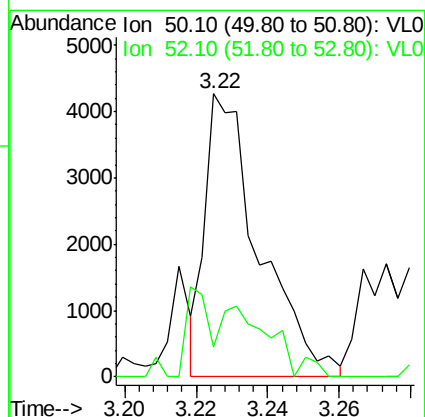
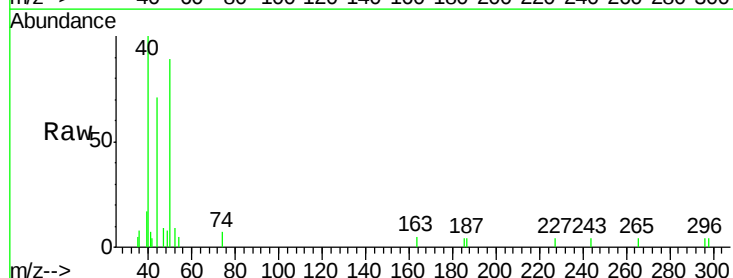
Acq: 6 Jul 2018 3:08

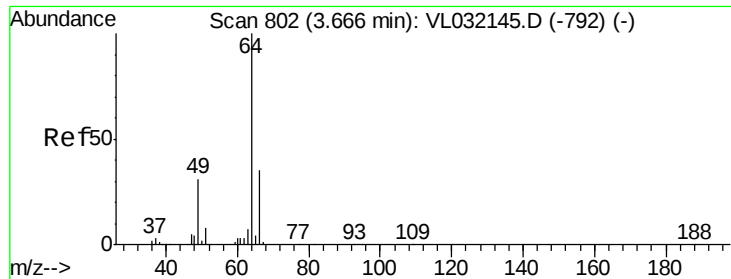
Tgt Ion: 50 Resp: 4473

Ion Ratio Lower Upper

50 100

52 11.0 26.0 39.0#





#7

Chloroethane

Concen: 0.033 ppbv

RT: 3.67 min Scan# 802

Delta R.T. -0.01 min

Lab File: VL032222.D

Acq: 6 Jul 2018 3:08

Instrument :

MSVOA_L

ClientSampleId :

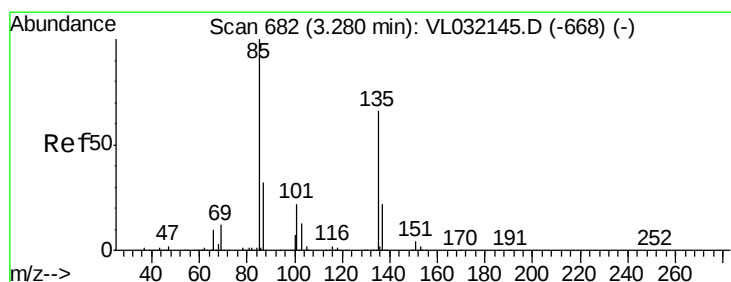
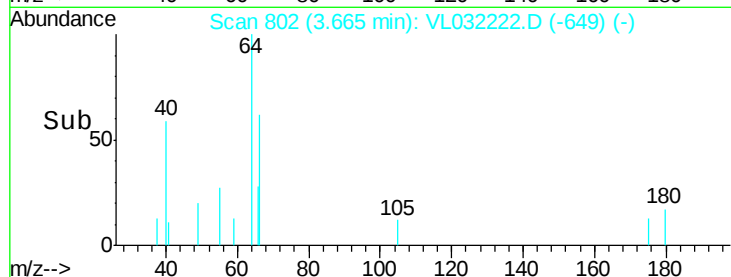
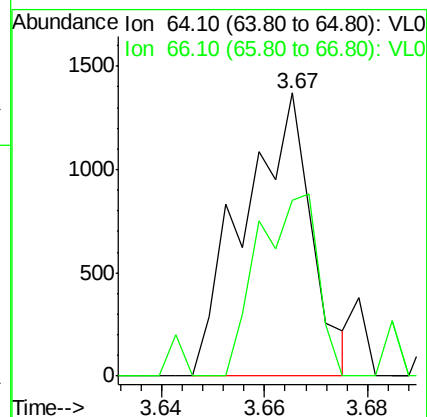
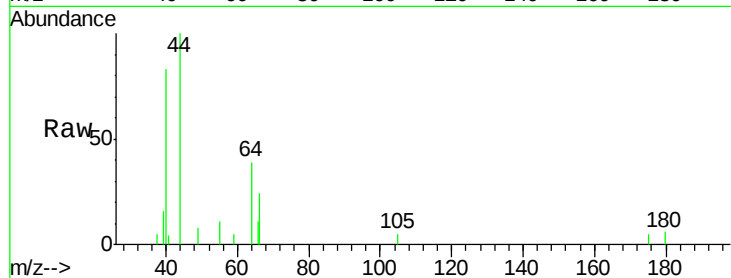
MDL-AIR-03-QT3-2018

Tgt Ion: 64 Resp: 1243

Ion Ratio Lower Upper

64 100

66 62.3 26.9 40.3#



#8

Dichlorotetrafluoroethane

Concen: 0.037 ppbv

RT: 3.28 min Scan# 681

Delta R.T. -0.01 min

Lab File: VL032222.D

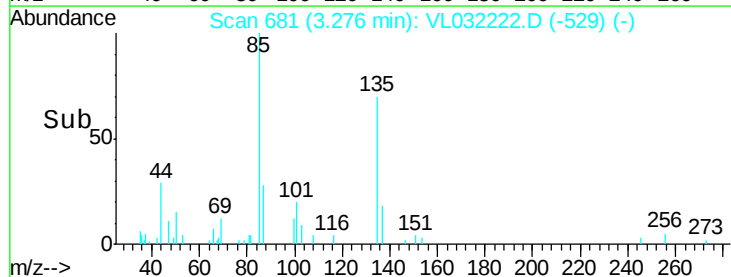
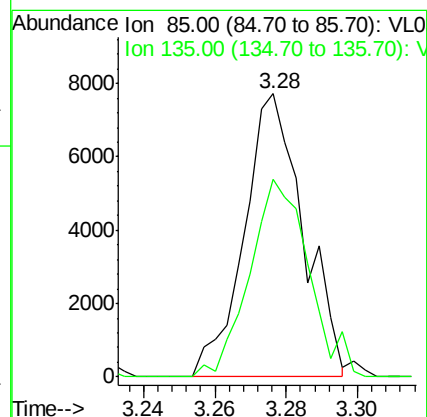
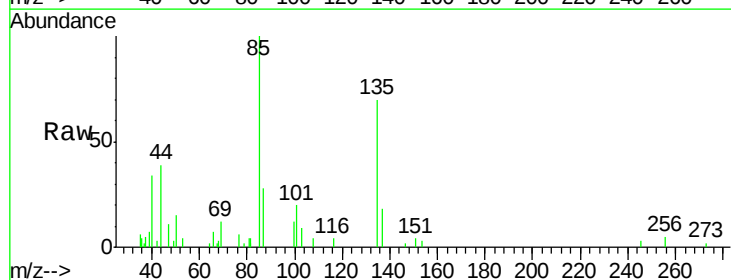
Acq: 6 Jul 2018 3:08

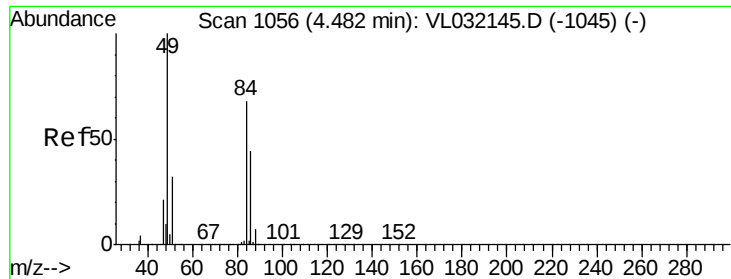
Tgt Ion: 85 Resp: 8868

Ion Ratio Lower Upper

85 100

135 69.5 54.6 82.0

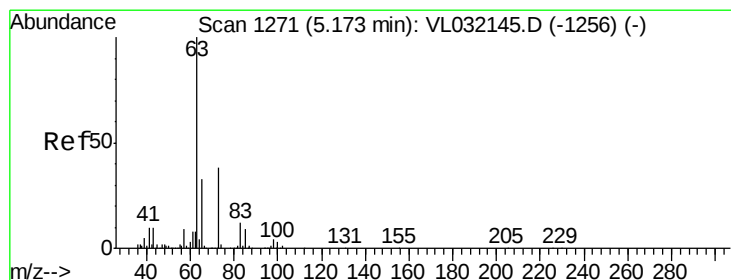
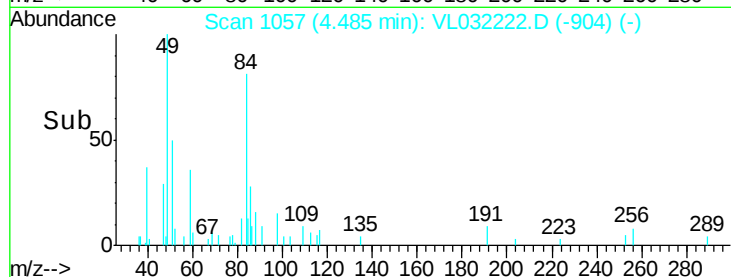
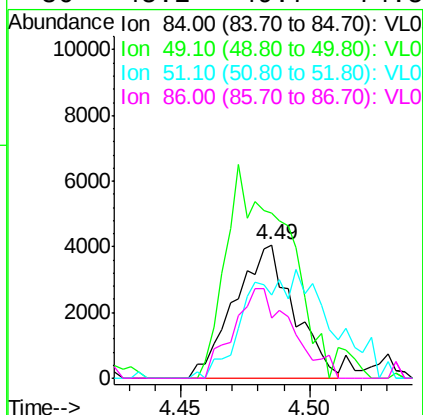
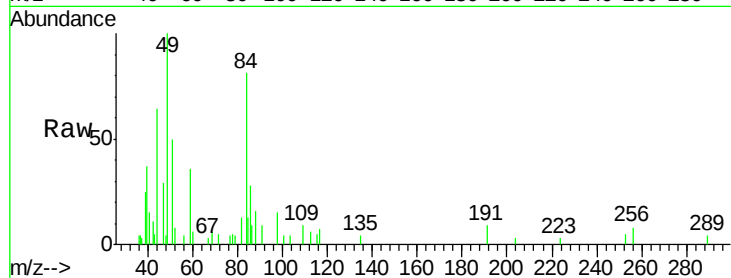




#20
Methylene Chloride
Concen: 0.094 ppbv
RT: 4.49 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VL032222.D
Acq: 6 Jul 2018 3:08

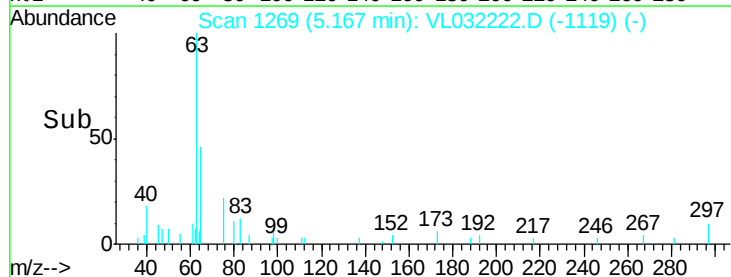
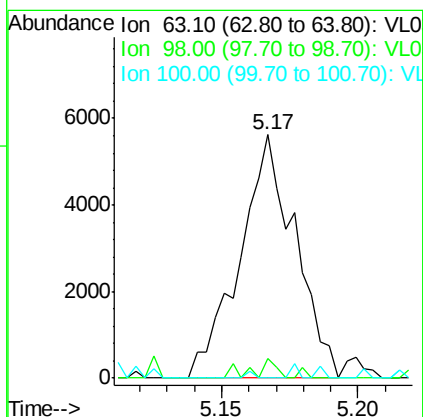
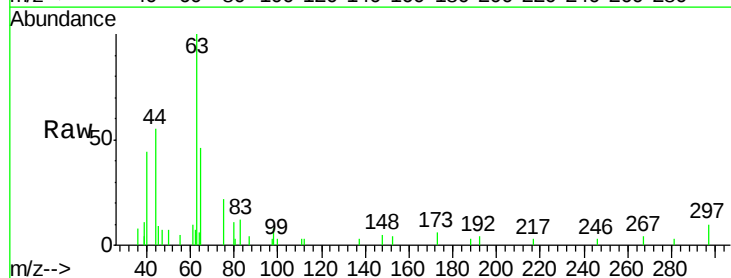
Instrument :
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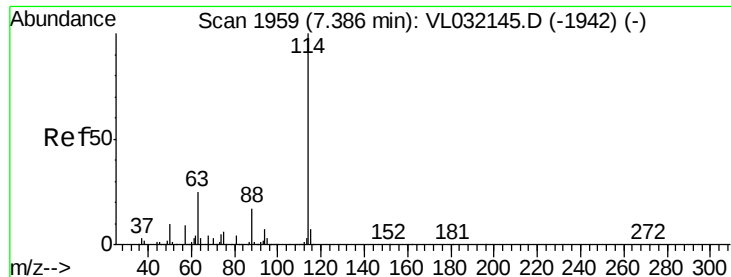
Tgt Ion: 84 Resp: 6538
Ion Ratio Lower Upper
84 100
49 123.6 119.6 179.4
51 62.2 36.3 54.5#
86 45.2 49.7 74.5#



#24
1,1-Dichloroethane
Concen: 0.036 ppbv
RT: 5.17 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL032222.D
Acq: 6 Jul 2018 3:08

Tgt Ion: 63 Resp: 7916
Ion Ratio Lower Upper
63 100
98 8.0 2.4 7.2#
100 0.0 1.7 5.0#

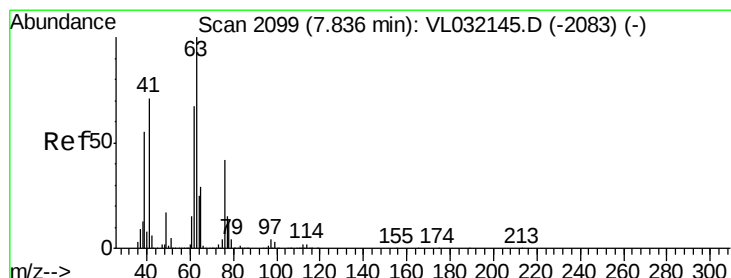
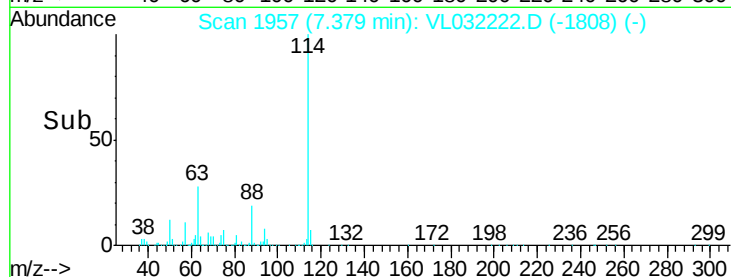
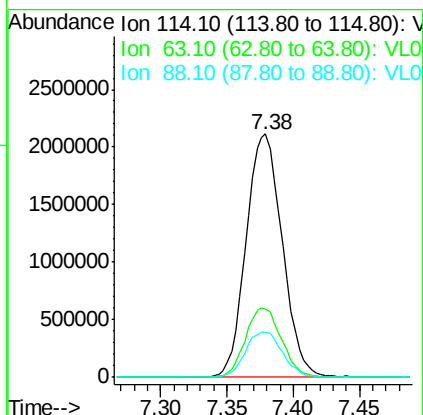
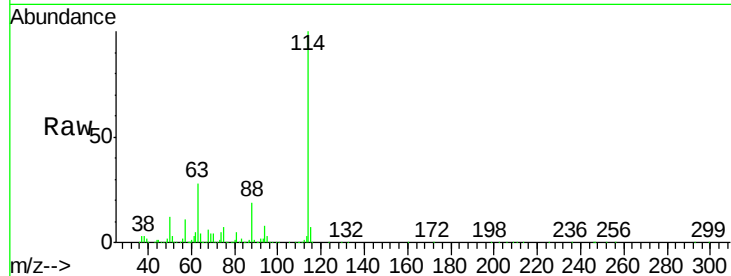




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032222.D
 Acq: 6 Jul 2018 3:08

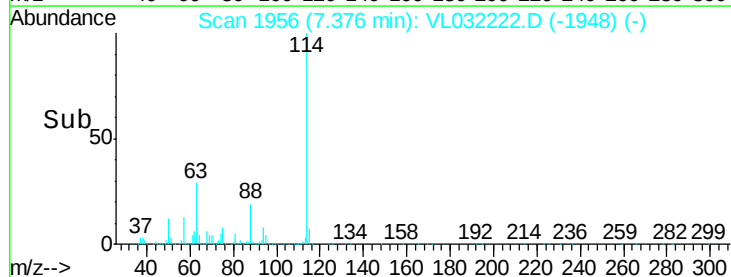
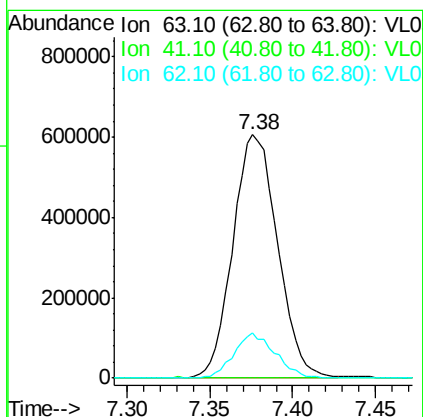
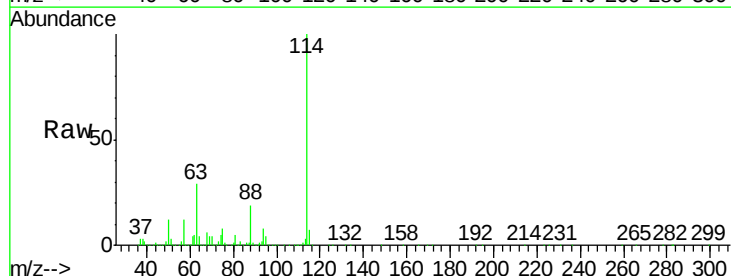
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 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2018

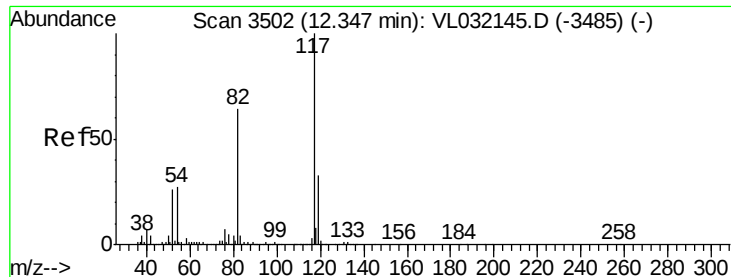
Tgt Ion:114 Resp: 4005172
 Ion Ratio Lower Upper
 114 100
 63 28.7 19.1 28.7#
 88 19.2 13.9 20.9



#39
 1,2-Dichloropropane
 Concen: 7.383 ppbv
 RT: 7.38 min Scan# 1956
 Delta R.T. -0.47 min
 Lab File: VL032222.D
 Acq: 6 Jul 2018 3:08

Tgt Ion: 63 Resp: 1128834
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 18.8 54.8 82.2#

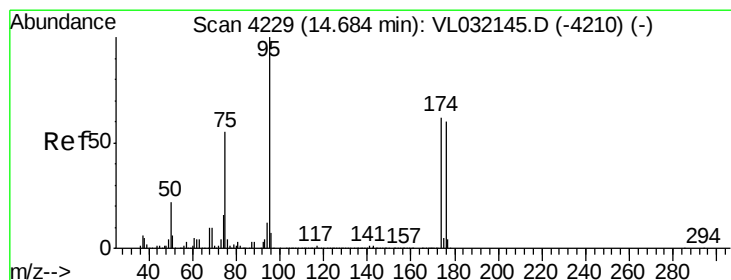
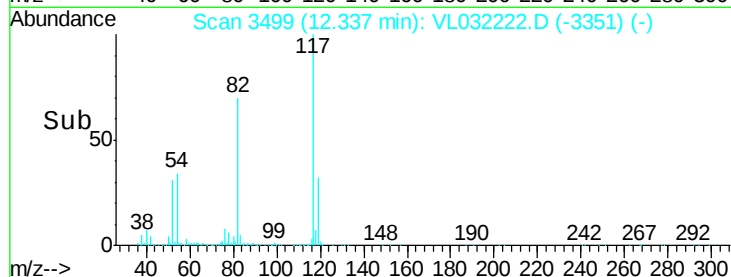
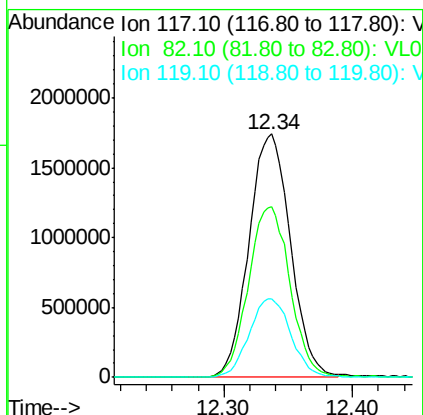
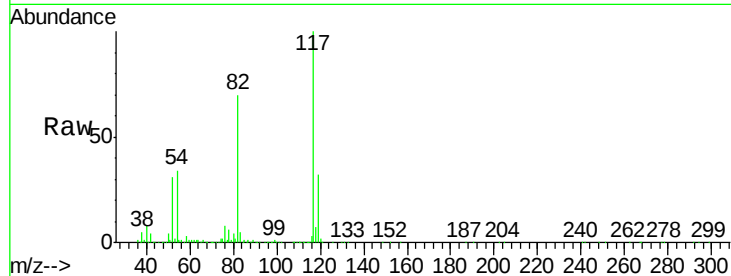




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032222.D
Acq: 6 Jul 2018 3:08

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2018

Tgt Ion:117 Resp: 3907399
Ion Ratio Lower Upper
117 100
82 70.9 47.8 71.8
119 32.8 43.3 64.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.010 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032222.D
Acq: 6 Jul 2018 3:08

Tgt Ion: 95 Resp: 2989796
Ion Ratio Lower Upper
95 100
174 54.7 52.1 78.1
175 3.9 4.0 6.0#

