

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
 Data File : VL032026.D
 Acq On : 1 Jun 2018 18:18
 Operator : SY/AP
 Sample : VL0601ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABL01

Quant Time: Jun 02 02:02:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1327196	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2346989	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2306498	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1803724	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

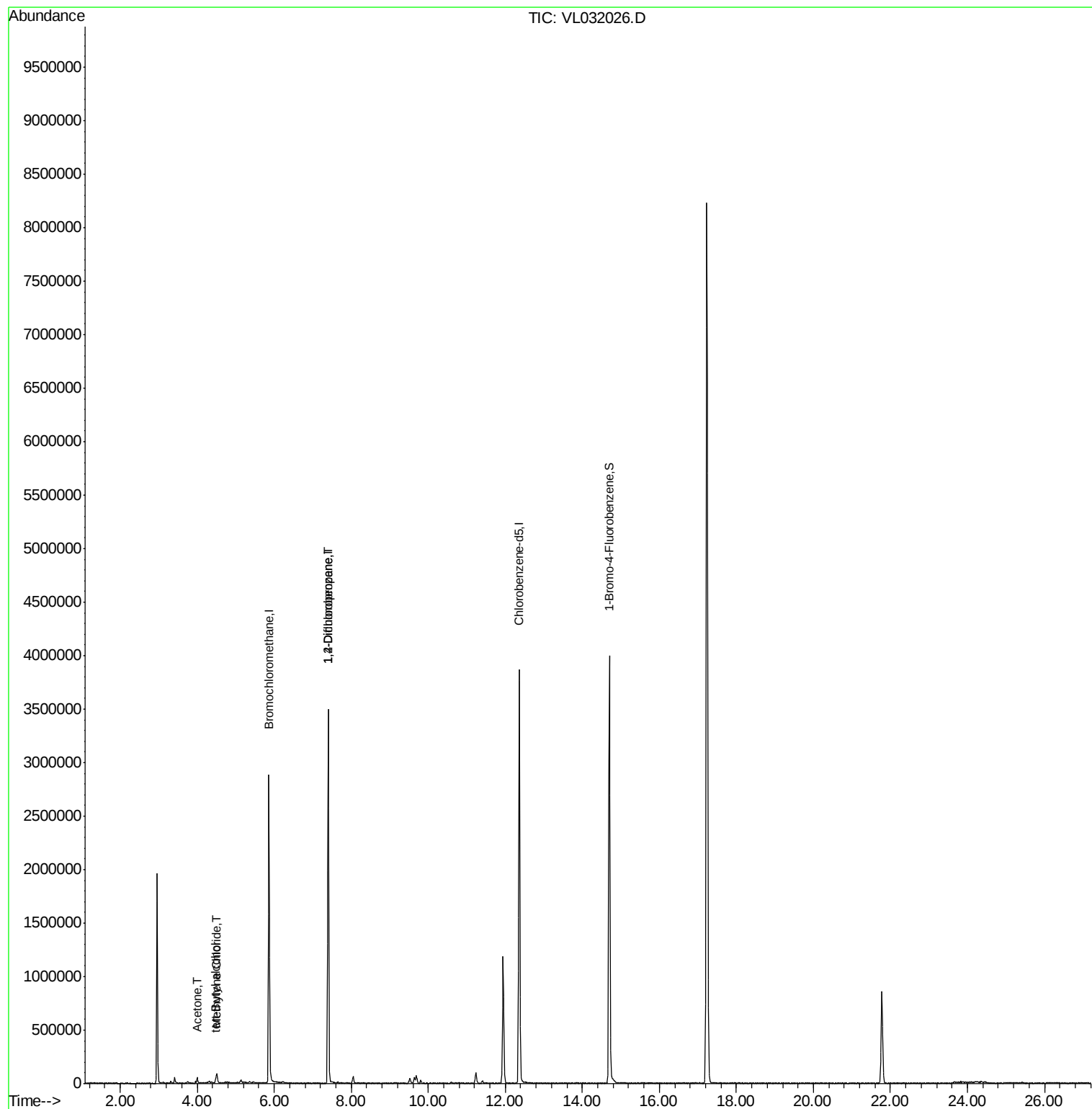
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.99	43	25742	0.16	ppbv #	5
17) tert-Butyl alcohol	4.48	59	22103	0.29	ppbv #	92
20) Methylene Chloride	4.50	84	24406	0.34	ppbv #	70
39) 1,2-Dichloropropane	7.40	63	621039	8.17	ppbv #	22

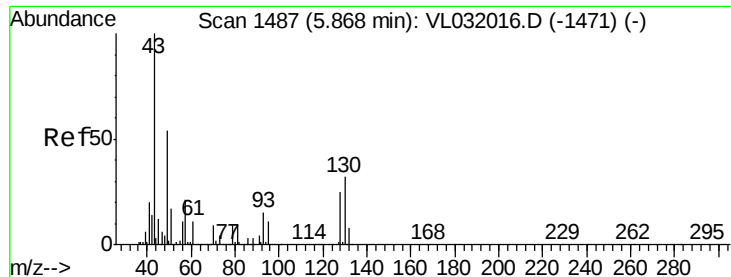
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
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QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL032026.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0601ABL01

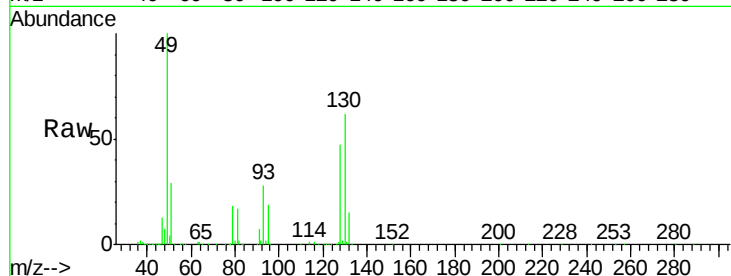
Tgt Ion: 49 Resp: 1327196

Ion Ratio Lower Upper

49 100

128 48.8 24.1 72.3

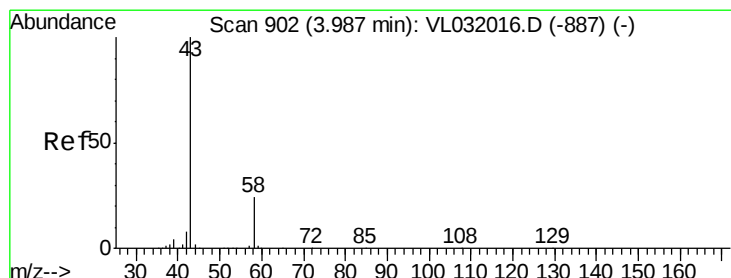
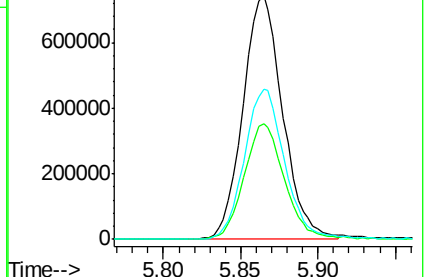
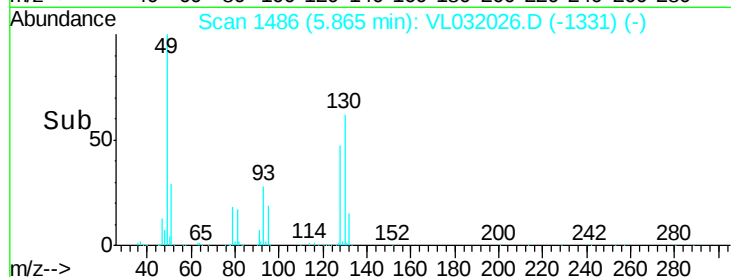
130 63.4 30.9 92.8



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: 0.16 ppbv

RT: 3.99 min Scan# 904

Delta R.T. 0.01 min

Lab File: VL032026.D

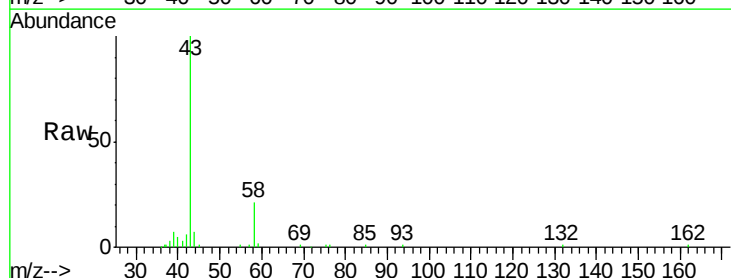
Acq: 1 Jun 2018 18:18

Tgt Ion: 43 Resp: 25742

Ion Ratio Lower Upper

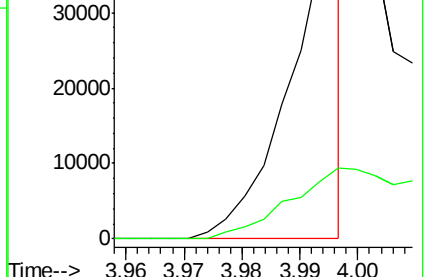
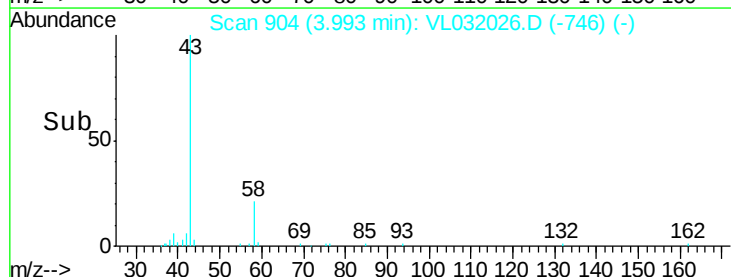
43 100

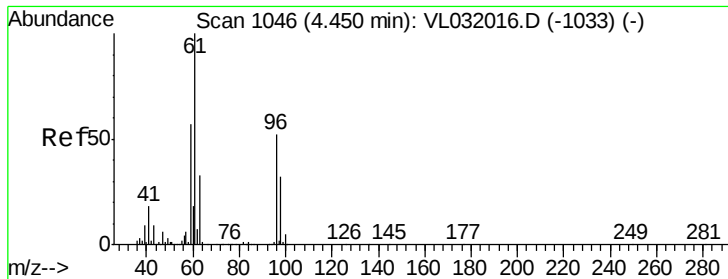
58 74.2 20.7 31.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

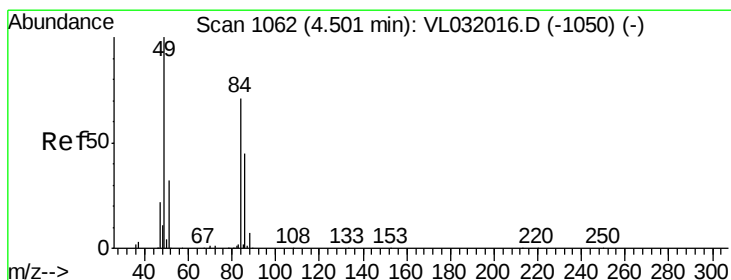
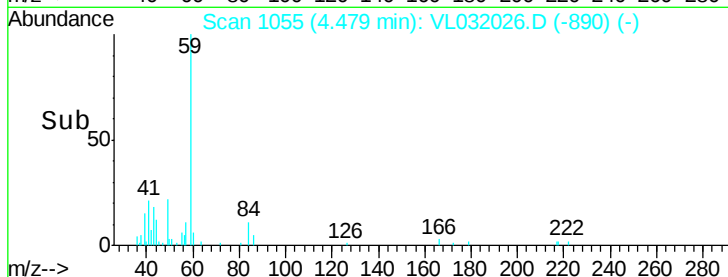
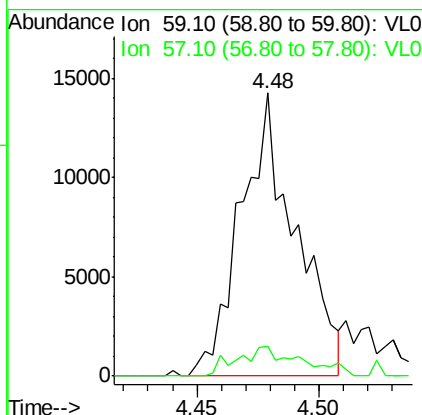
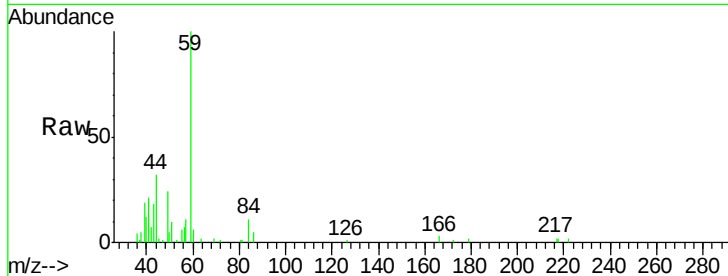




#17
 tert-Butyl alcohol
 Concen: 0.29 ppbv
 RT: 4.48 min Scan# 1055
 Delta R.T. 0.03 min
 Lab File: VL032026.D
 Acq: 1 Jun 2018 18:18

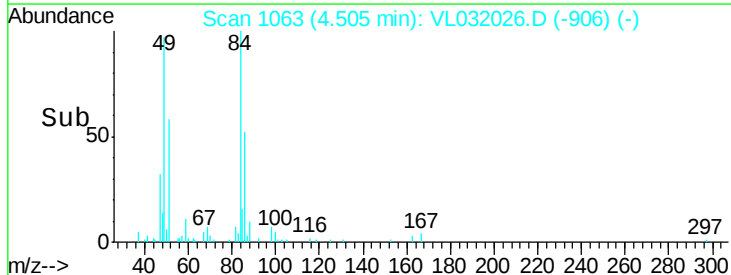
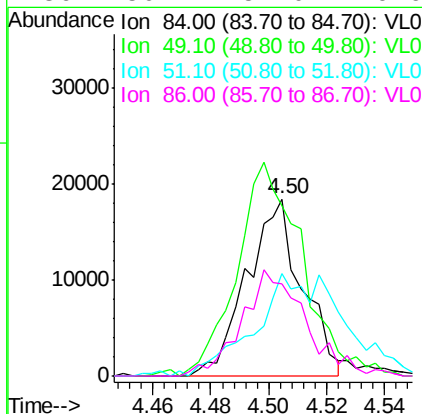
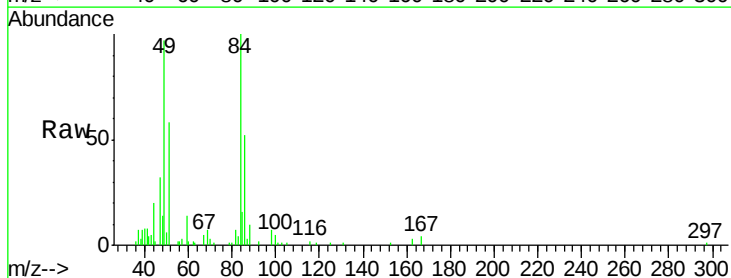
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABL01

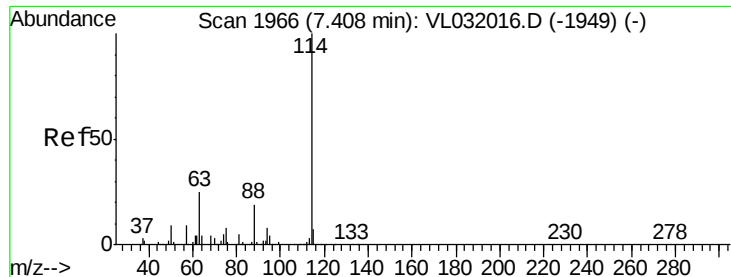
Tgt Ion: 59 Resp: 22103
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.3 12.5#



#20
 Methylene Chloride
 Concen: 0.34 ppbv
 RT: 4.50 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VL032026.D
 Acq: 1 Jun 2018 18:18

Tgt Ion: 84 Resp: 24406
 Ion Ratio Lower Upper
 84 100
 49 93.2 113.0 169.4#
 51 58.3 36.4 54.6#
 86 50.1 51.0 76.6#

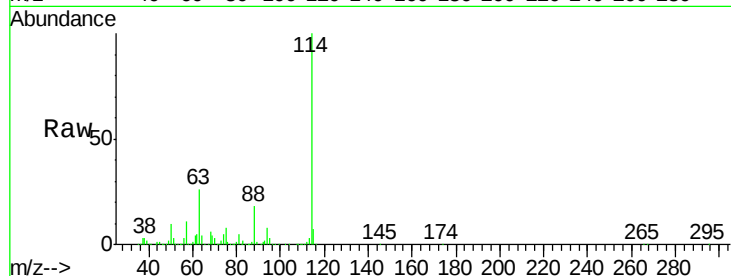




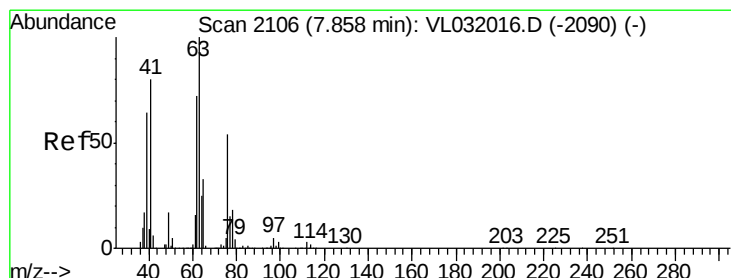
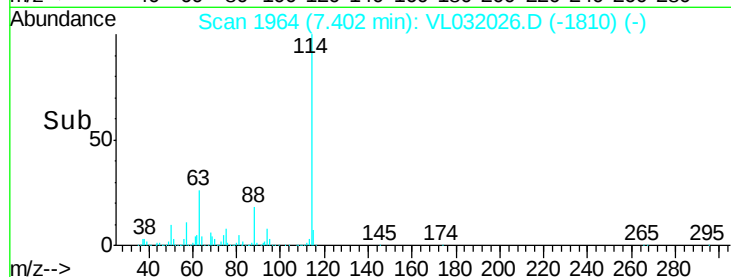
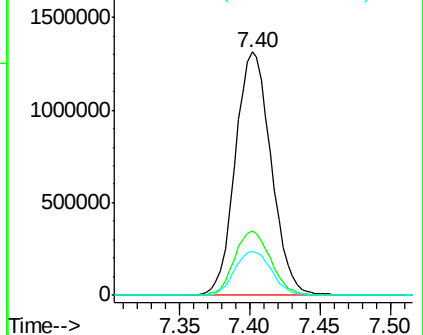
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.40 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: VL032026.D
 Acq: 1 Jun 2018 18:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABL01

Tgt Ion: 114 Resp: 2346989
 Ion Ratio Lower Upper
 114 100
 63 26.8 21.1 31.7
 88 18.6 14.8 22.2

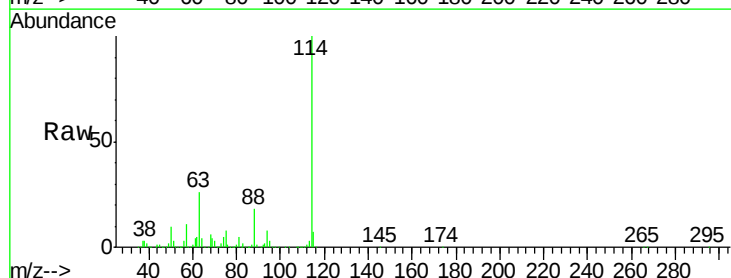


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

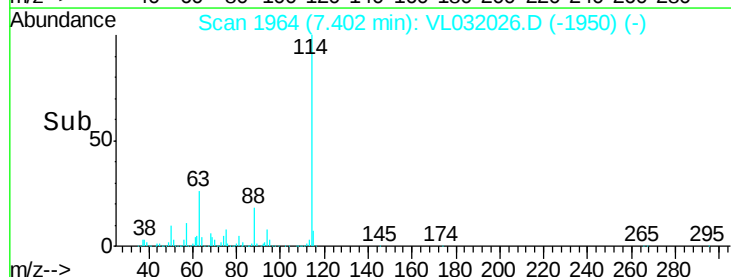
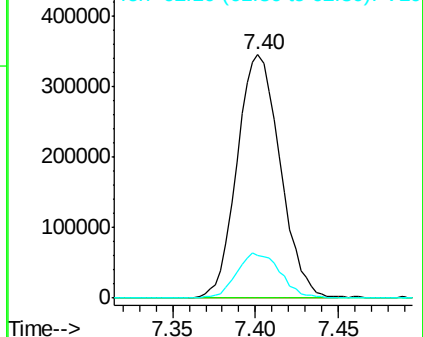


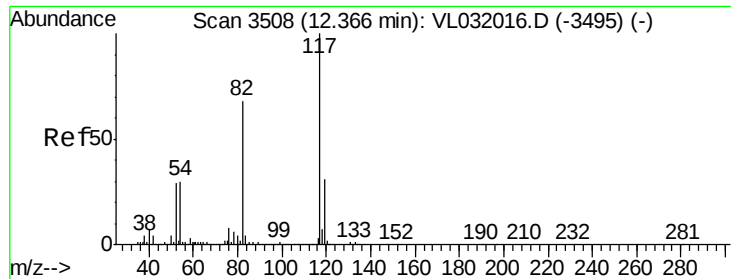
#39
 1,2-Dichloropropane
 Concen: 8.17 ppbv
 RT: 7.40 min Scan# 1964
 Delta R.T. -0.46 min
 Lab File: VL032026.D
 Acq: 1 Jun 2018 18:18

Tgt Ion: 63 Resp: 621039
 Ion Ratio Lower Upper
 63 100
 41 0.2 64.0 96.0#
 62 17.7 57.6 86.4#



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

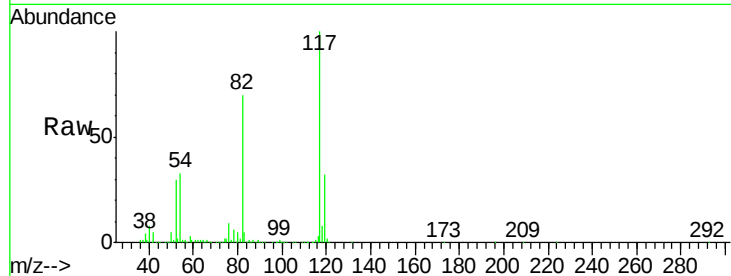




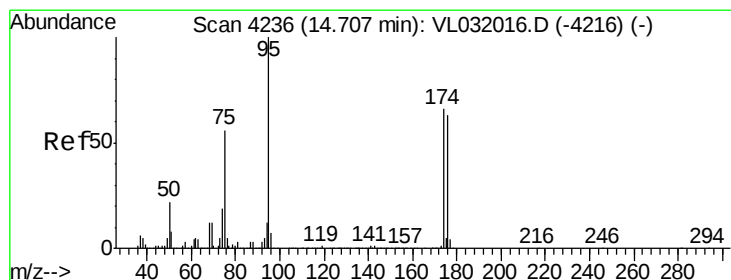
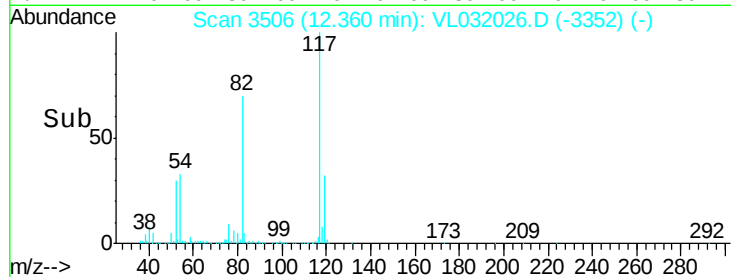
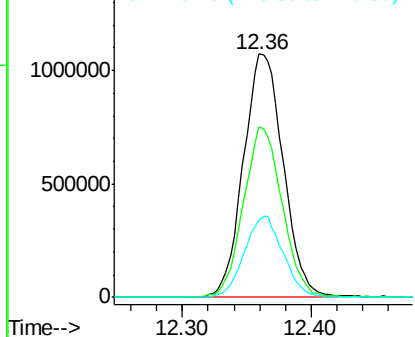
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.36 min Scan# 3506
Delta R.T. -0.01 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

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Tgt Ion: 117 Resp: 2306498
Ion Ratio Lower Upper
117 100
82 68.7 52.7 79.1
119 32.8 25.5 38.3

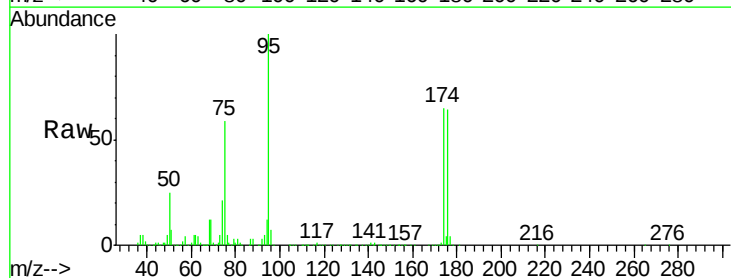


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.70 min Scan# 4234
Delta R.T. -0.01 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

Tgt Ion: 95 Resp: 1803724
Ion Ratio Lower Upper
95 100
174 65.6 53.2 79.8
175 4.6 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

