

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037099.D
 Acq On : 2 Jun 2021 12:37
 Operator : SY/AP
 Sample : VL0602ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 03 03:19:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1375534	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4112431	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3610880	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2739902	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

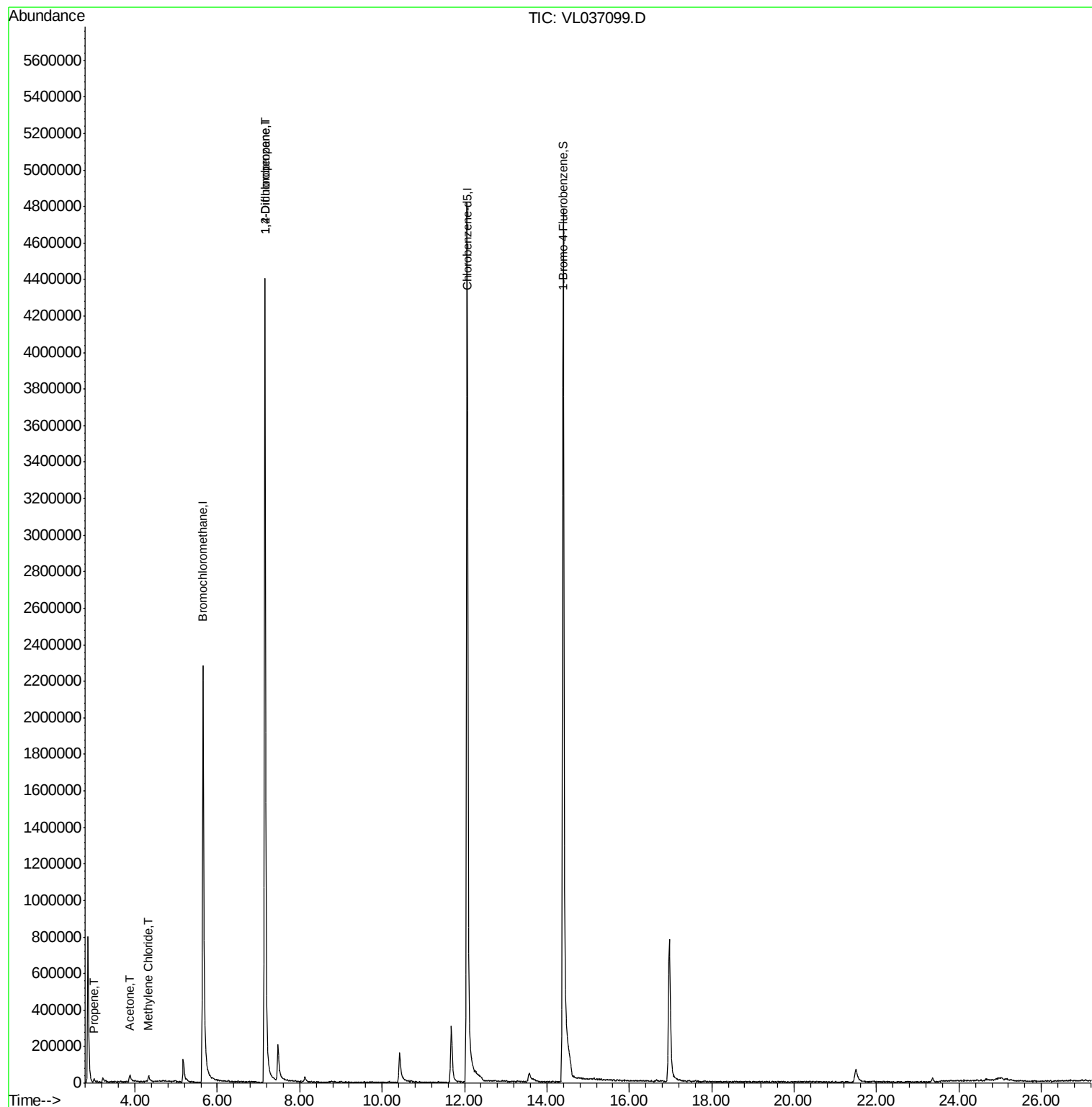
Target Compounds					Ovalue
9) Propene	3.00	41	3376	0.037 ppbv #	16
15) Acetone	3.87	43	14604	0.104 ppbv #	45
20) Methylene Chloride	4.34	84	6200	0.082 ppbv	85
39) 1,2-Dichloropropane	7.16	63	967394	7.089 ppbv #	26

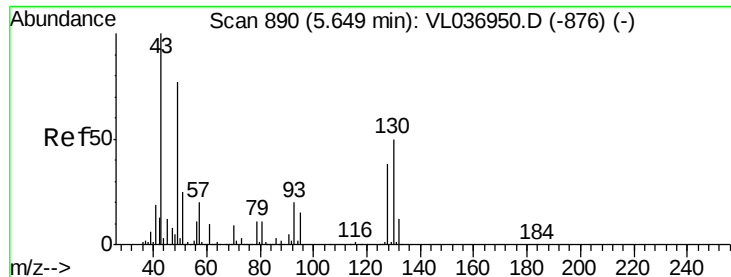
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037099.D

Acq: 2 Jun 2021 12:37

Instrument :

MSVOA_L

ClientSampleId :

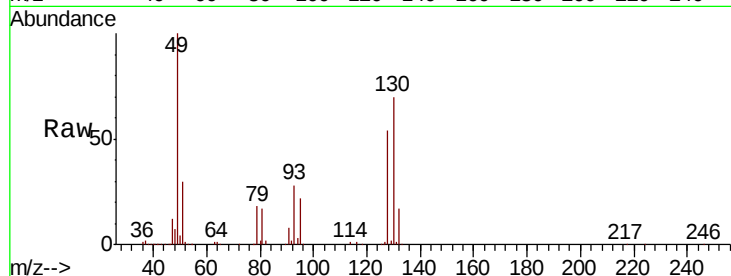
Tot Ion: 49 Resp: 1375534

Ion Ratio Lower Upper

49 100

128 57.8 26.9 80.7

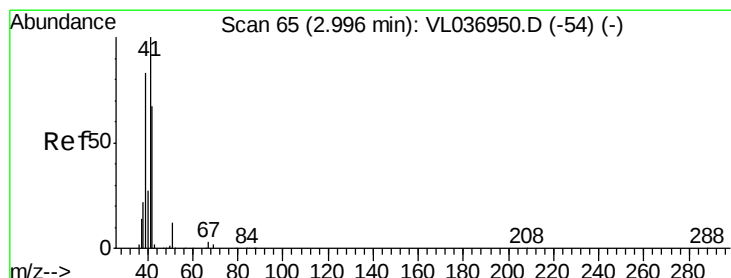
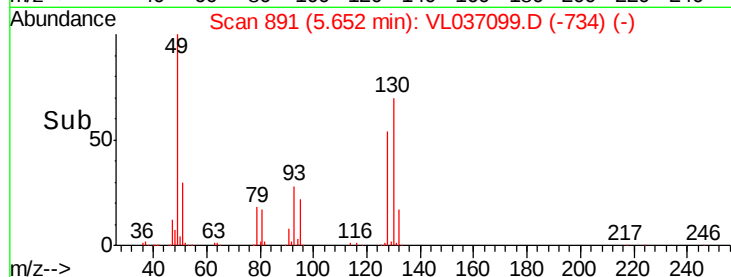
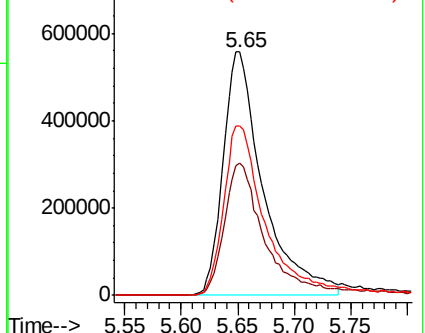
130 74.4 33.8 101.4



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



#9

Propene

Concen: 0.037 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL037099.D

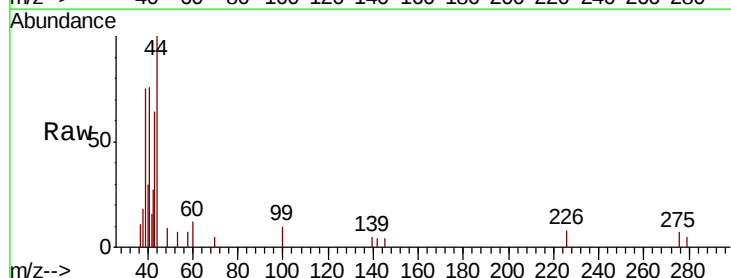
Acq: 2 Jun 2021 12:37

Tgt Ion: 41 Resp: 3376

Ion Ratio Lower Upper

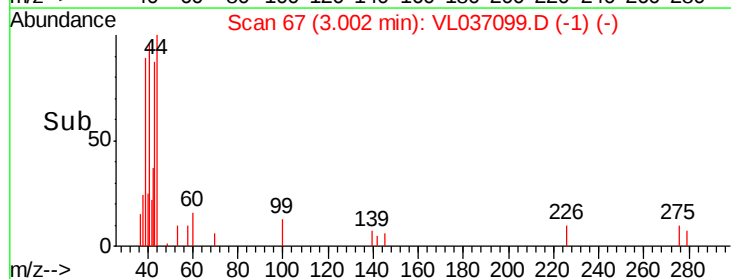
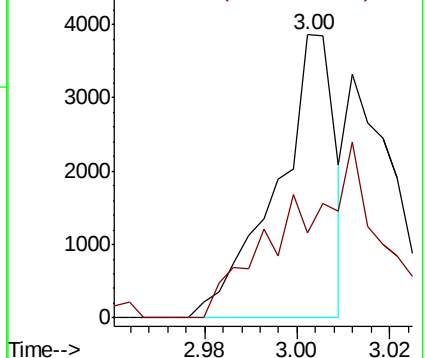
41 100

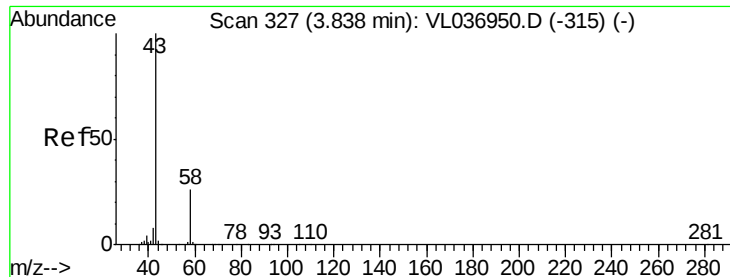
42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

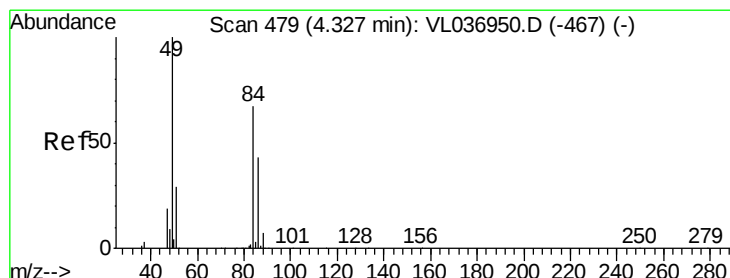
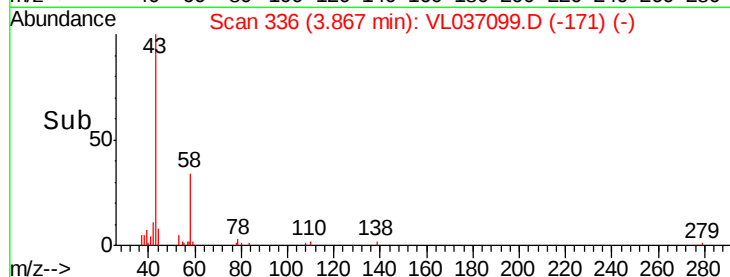
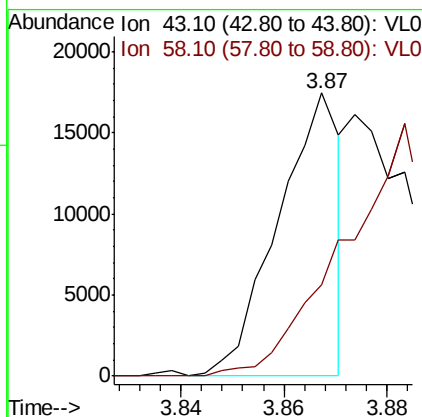
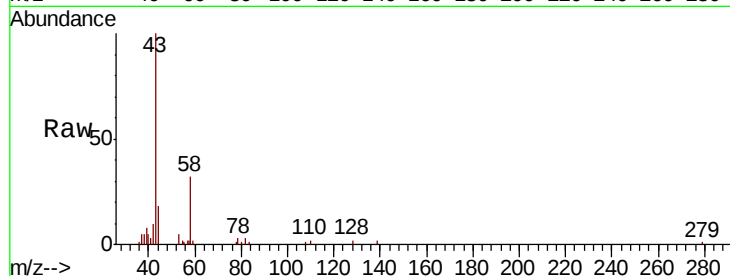




#15
Acetone
Concen: 0.104 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL037099.D
Acq: 2 Jun 2021 12:37

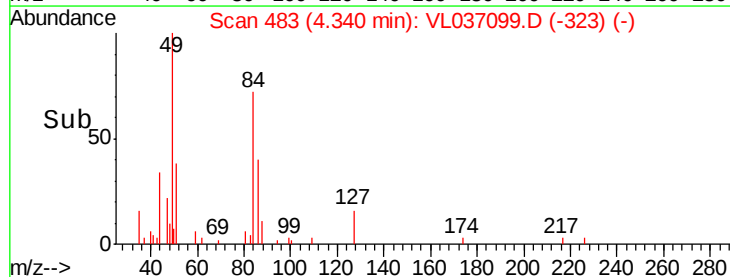
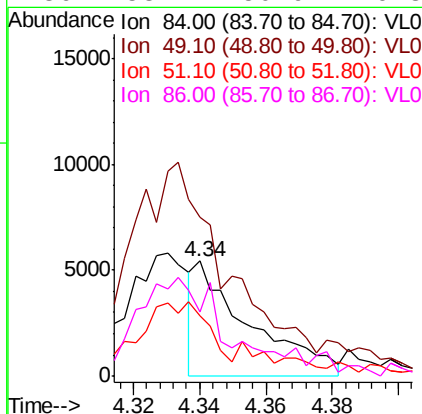
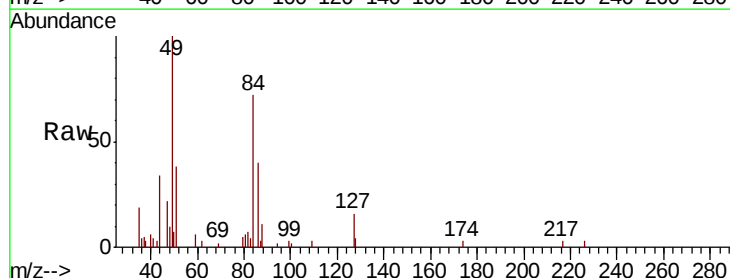
Instrument :
MSVOA_L
ClientSampleId :

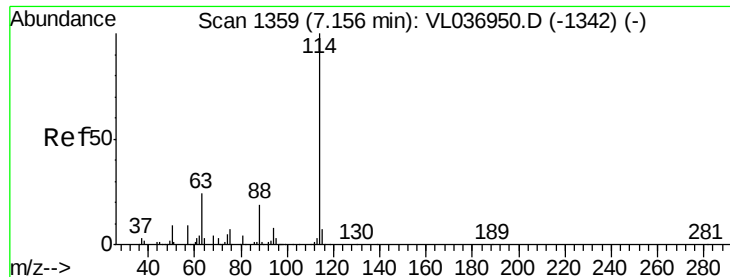
Tot Ion: 43 Resp: 14604
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037099.D
Acq: 2 Jun 2021 12:37

Tgt Ion: 84 Resp: 6200
Ion Ratio Lower Upper
84 100
49 121.7 119.8 179.6
51 44.9 35.1 52.7
86 58.2 50.9 76.3

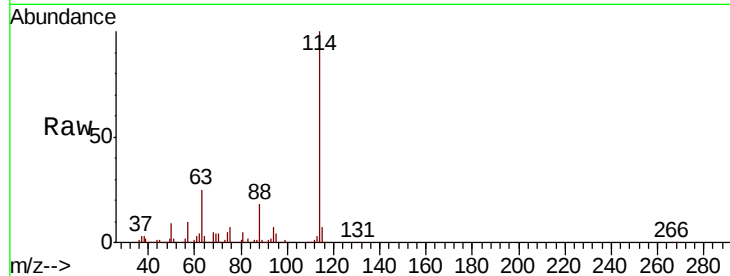




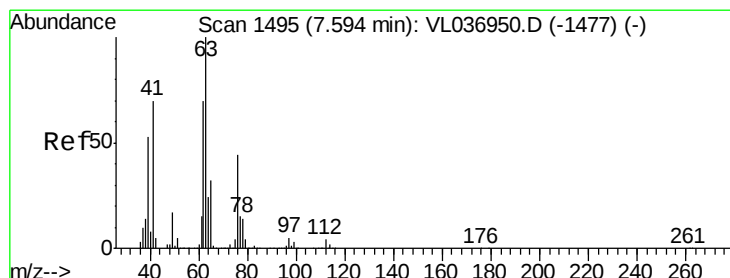
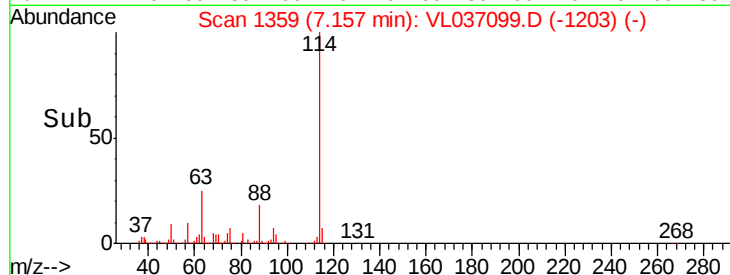
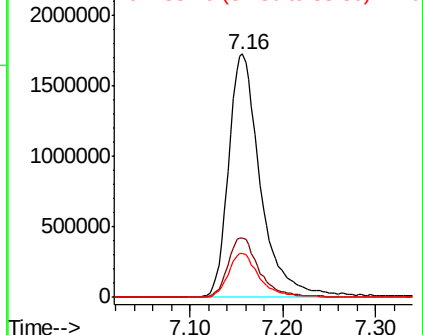
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL037099.D
 Acq: 2 Jun 2021 12:37

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4112431
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.6 29.4
 88 18.1 14.6 21.8

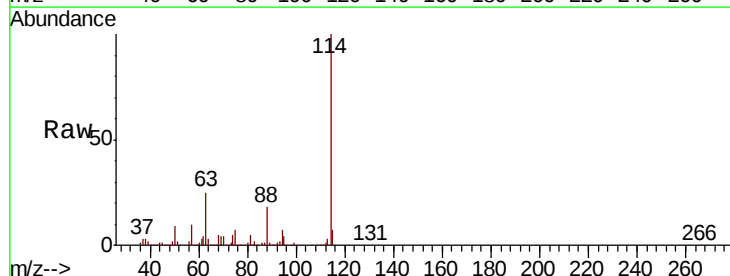


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

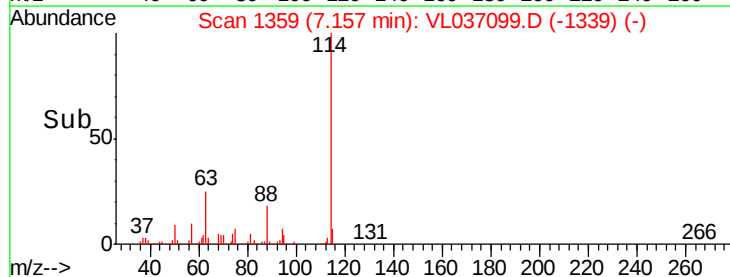
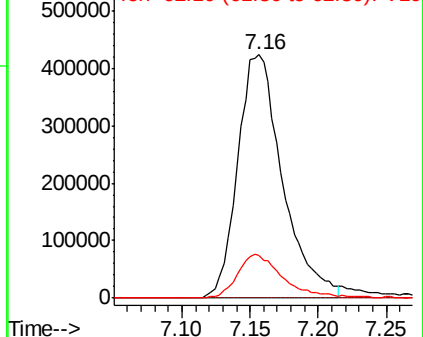


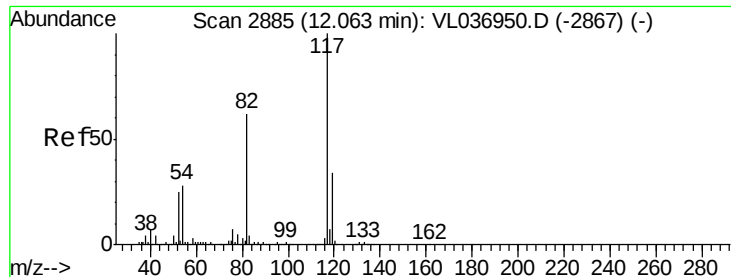
#39
 1,2-Dichloropropane
 Concen: 7.089 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL037099.D
 Acq: 2 Jun 2021 12:37

Tgt Ion: 63 Resp: 967394
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.7 83.5#
 62 17.6 56.2 84.4#



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: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VL037099.D

Acq: 2 Jun 2021 12:37

Instrument :

MSVOA_L

ClientSampleId :

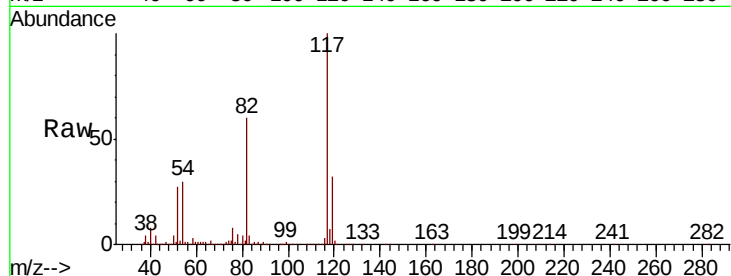
Tot Ion:117 Resp: 3610880

Ion Ratio Lower Upper

117 100

82 64.9 52.6 79.0

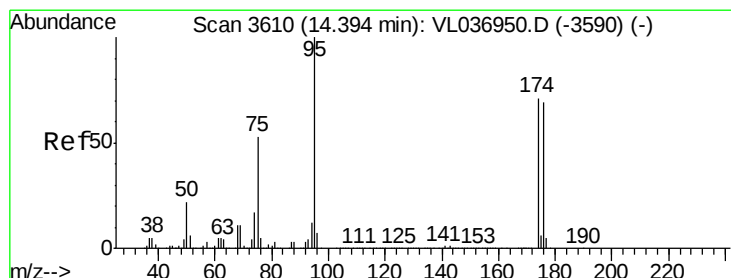
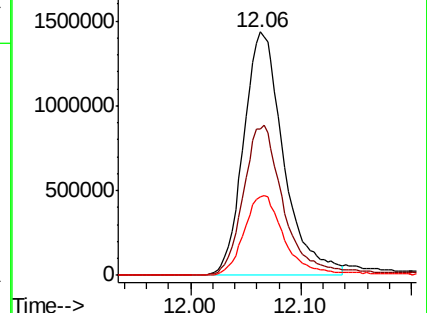
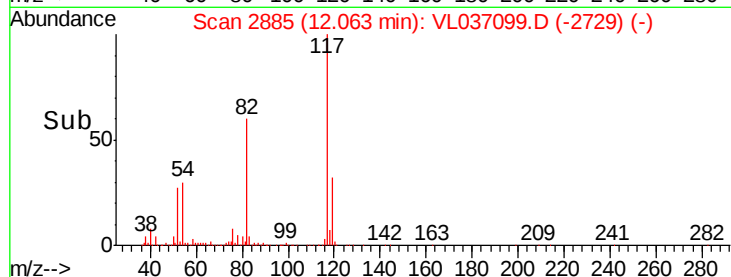
119 34.1 46.6 70.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.101 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037099.D

Acq: 2 Jun 2021 12:37

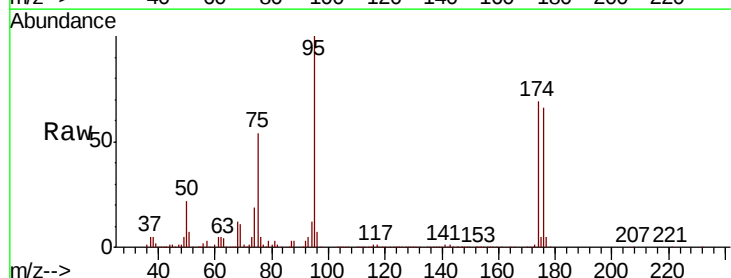
Tgt Ion: 95 Resp: 2739902

Ion Ratio Lower Upper

95 100

174 75.1 58.4 87.6

175 5.5 4.4 6.6



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

