

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
 Data File : VL037753.D
 Acq On : 1 Oct 2021 22:29
 Operator : SY/AP
 Sample : M4012-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P07DL

Quant Time: Oct 02 01:36:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1409219	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4043126	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3503951	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2348821	9.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%

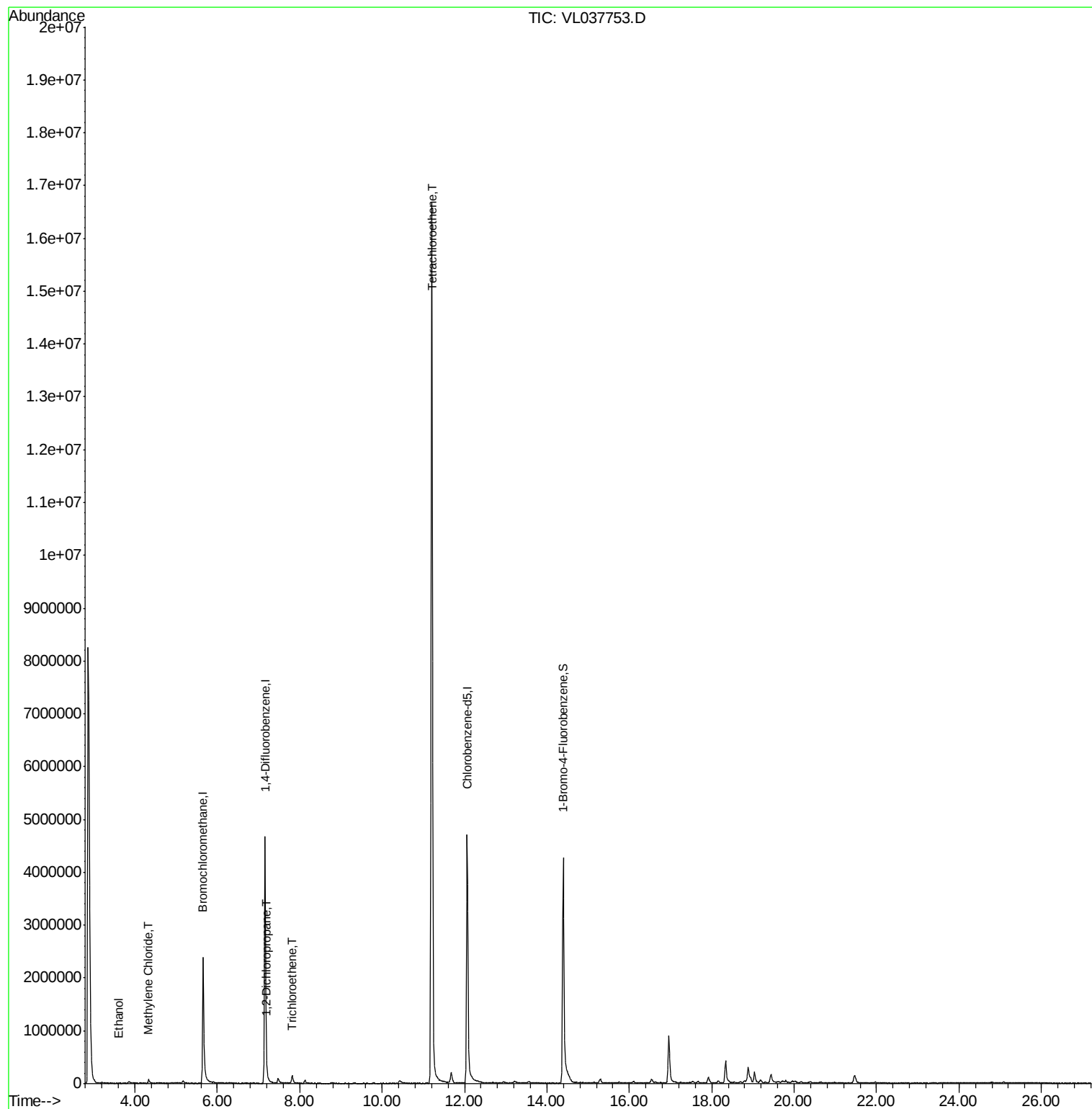
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	1767	0.193	ppbv #	33
20) Methylene Chloride	4.33	84	24837	0.355	ppbv #	80
38) Trichloroethene	7.82	130	53868	0.382	ppbv	88
39) 1,2-Dichloropropane	7.21	63	11016	0.085	ppbv #	22
52) Tetrachloroethene	11.21	164	5096040	39.373	ppbv	98

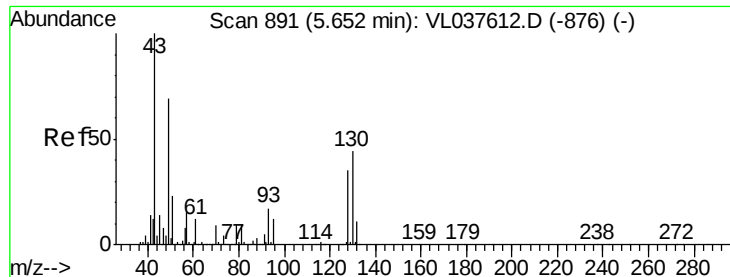
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
Data File : VL037753.D
Acq On : 1 Oct 2021 22:29
Operator : SY/AP
Sample : M4012-11DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P07DL

Quant Time: Oct 02 01:36:15 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

C0P07DL

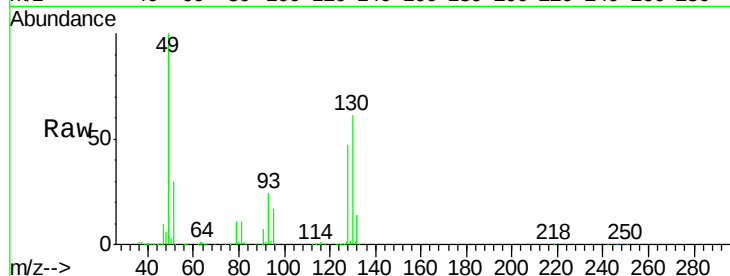
Tgt Ion: 49 Resp: 1409219

Ion Ratio Lower Upper

49 100

128 53.1 27.9 83.6

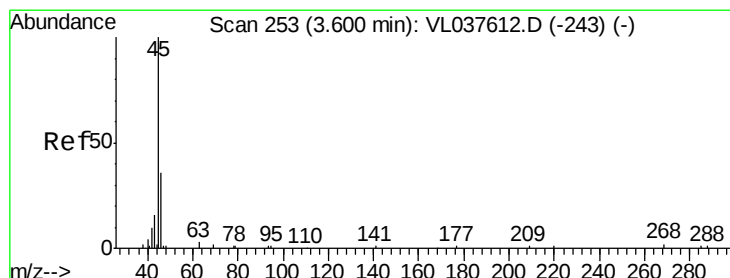
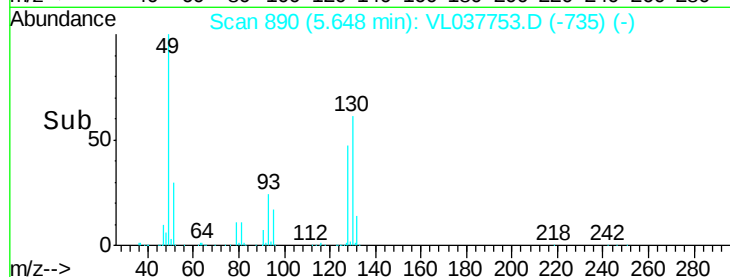
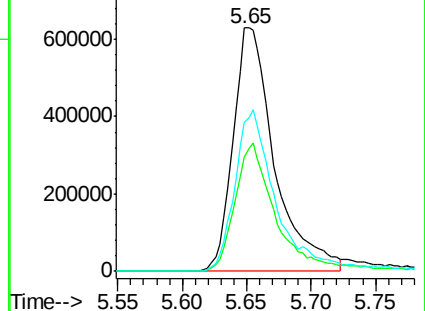
130 68.6 33.9 101.7



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



#13

Ethanol

Concen: 0.193 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL037753.D

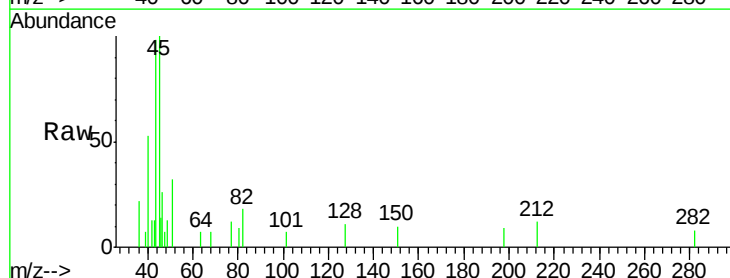
Acq: 1 Oct 2021 22:29

Tgt Ion: 45 Resp: 1767

Ion Ratio Lower Upper

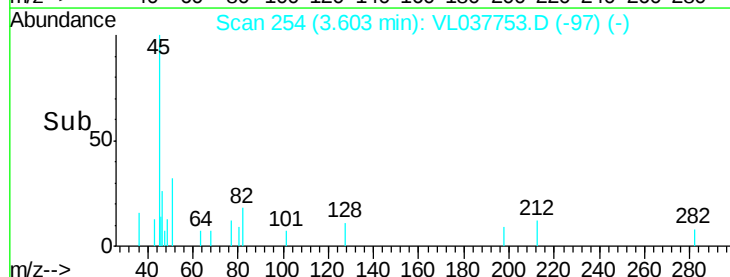
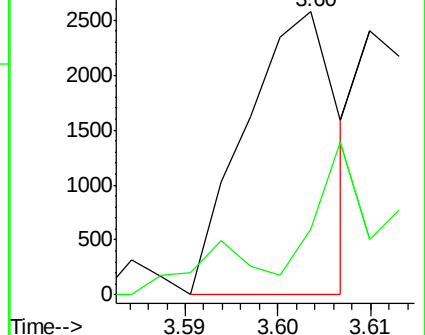
45 100

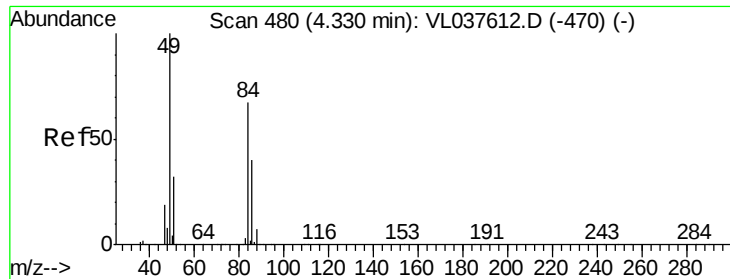
46 0.0 17.2 68.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

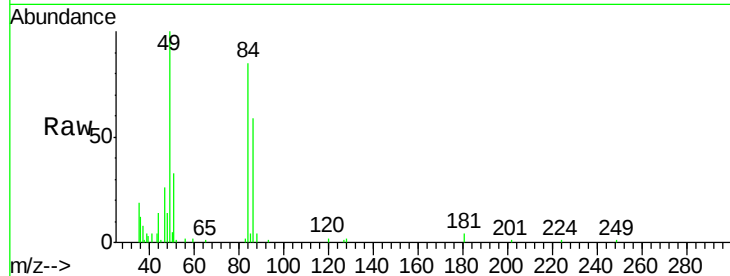




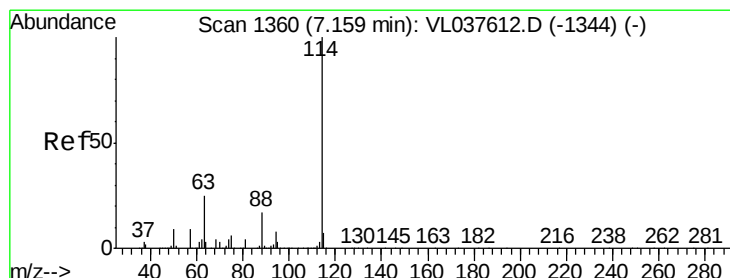
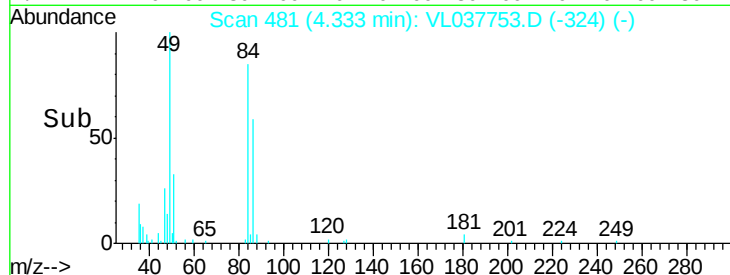
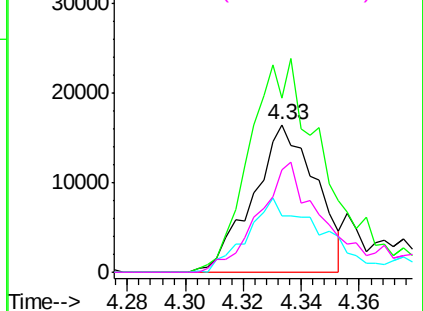
#20
Methylene Chloride
Concen: 0.355 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL037753.D
Acq: 1 Oct 2021 22:29

Instrument :
MSVOA_L
ClientSampleId :
C0P07DL

Tgt Ion: 84 Resp: 24837
Ion Ratio Lower Upper
84 100
49 118.0 120.0 180.0#
51 39.9 38.0 57.0
86 69.5 48.2 72.2

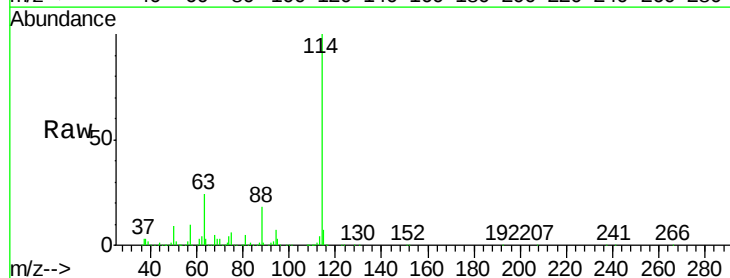


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

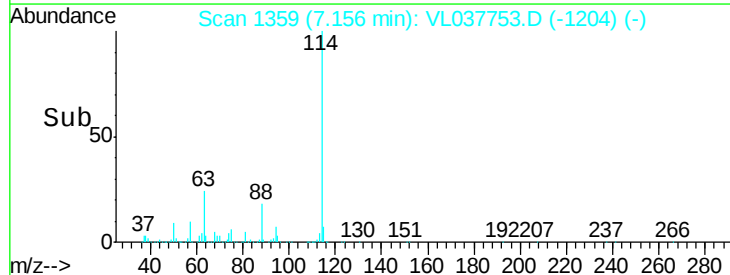
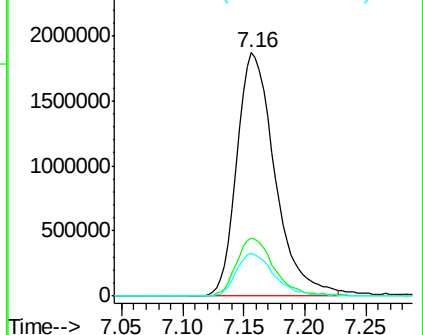


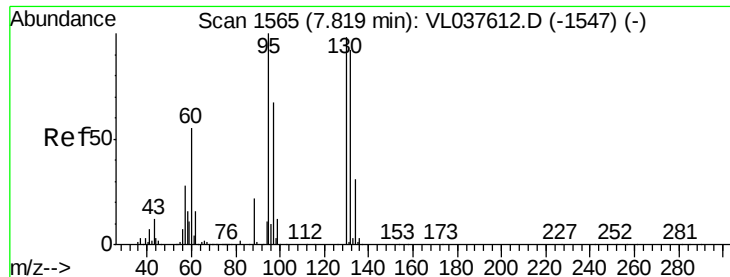
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037753.D
Acq: 1 Oct 2021 22:29

Tgt Ion: 114 Resp: 4043126
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 18.0 14.2 21.4



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





#38

Trichloroethene

Concen: 0.382 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

C0P07DL

Tgt Ion:130 Resp: 53868

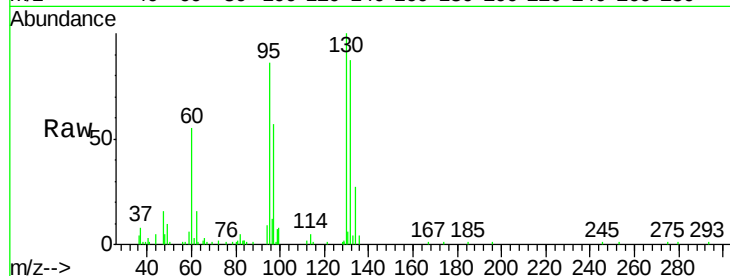
Ion Ratio Lower Upper

130 100

95 86.4 81.8 122.6

132 86.8 75.3 112.9

97 57.4 54.7 82.1

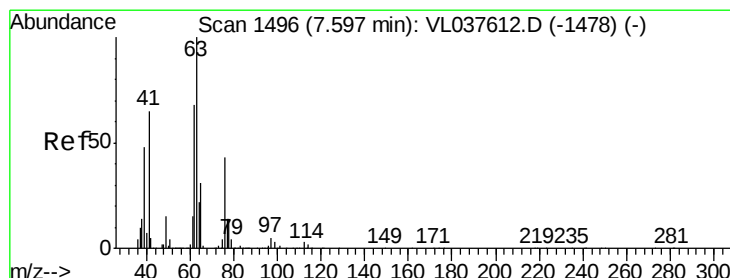
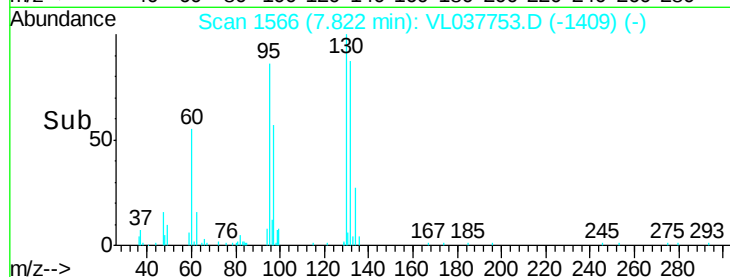
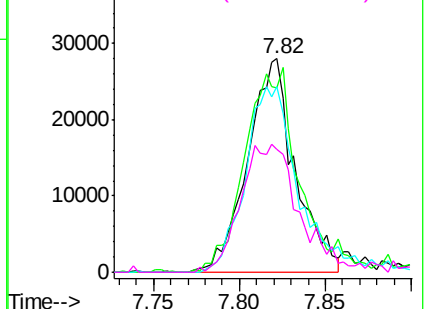


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.085 ppbv

RT: 7.21 min Scan# 1375

Delta R.T. -0.39 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

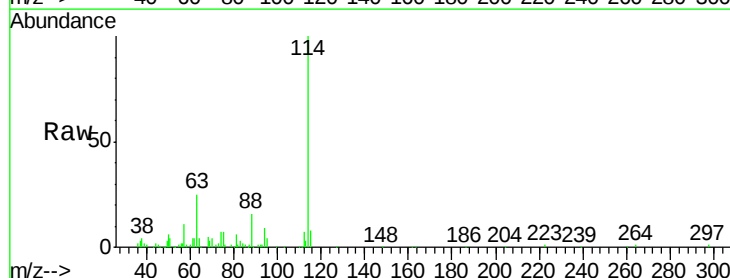
Tgt Ion: 63 Resp: 11016

Ion Ratio Lower Upper

63 100

41 0.0 51.6 77.4#

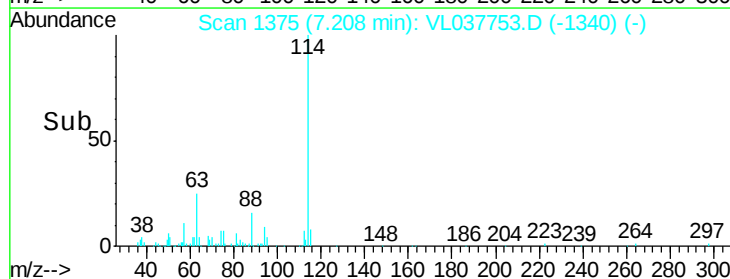
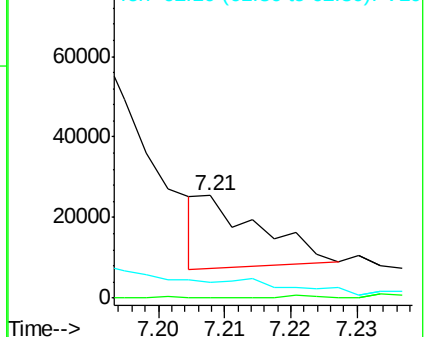
62 7.8 54.6 81.8#

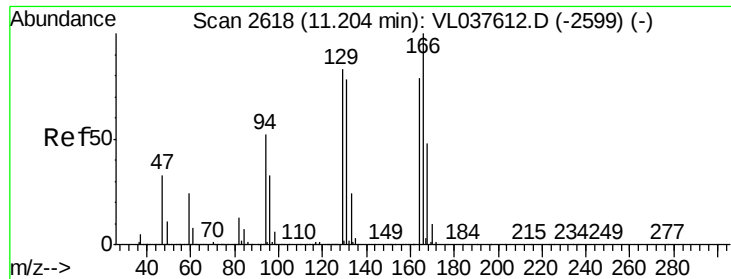


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#52

Tetrachloroethene

Concen: 39.373 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. 0.00 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

C0P07DL

Tgt Ion:164 Resp: 5096040

Ion Ratio Lower Upper

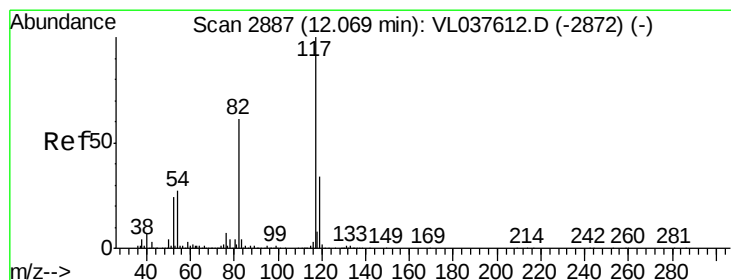
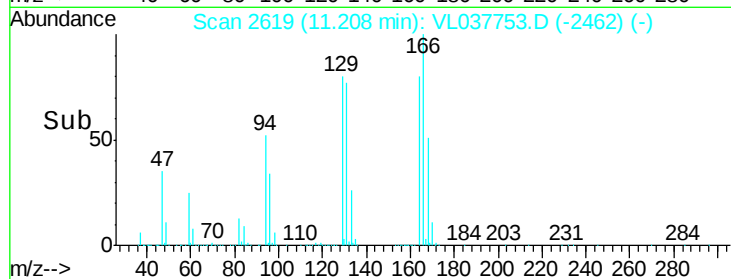
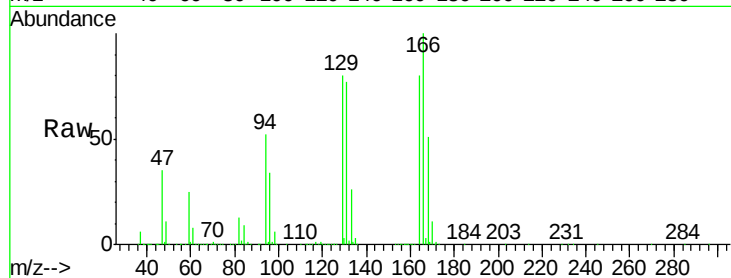
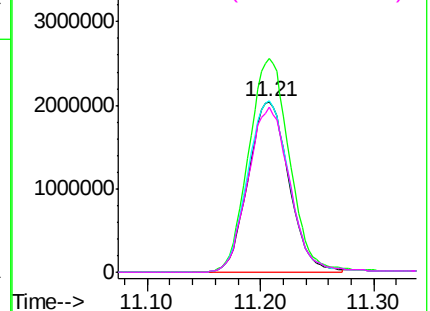
164 100

166 125.4 101.2 151.8

129 100.5 84.0 126.0

131 96.8 78.8 118.2

Abundance Ion 163.90 (163.60 to 164.60): V
 4000000 Ion 165.90 (165.60 to 166.60): V
 3000000 Ion 129.00 (128.70 to 129.70): V
 2000000 Ion 131.00 (130.70 to 131.70): V
 1000000



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.01 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

Tgt Ion:117 Resp: 3503951

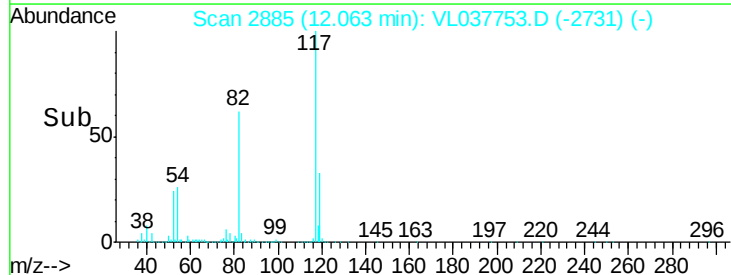
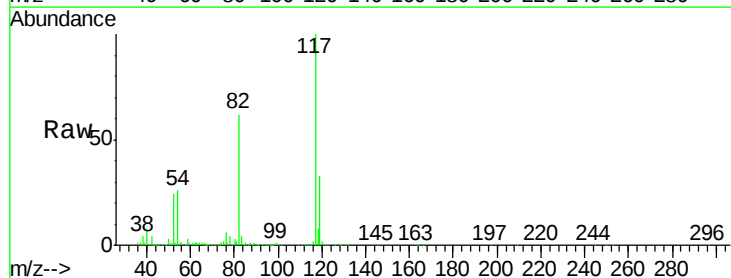
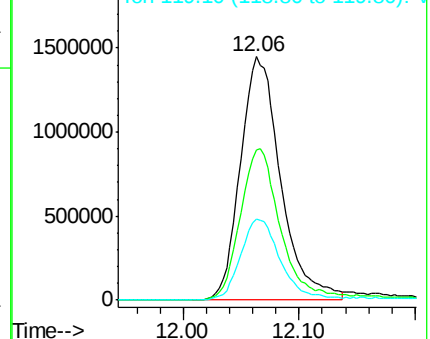
Ion Ratio Lower Upper

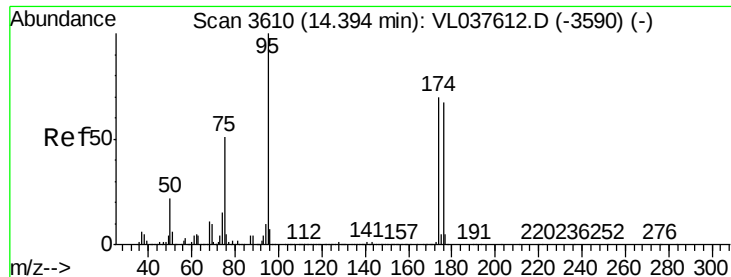
117 100

82 65.1 50.6 75.8

119 34.3 26.2 39.2

Abundance Ion 117.10 (116.80 to 117.80): V
 2000000 Ion 82.10 (81.80 to 82.80): V
 1500000 Ion 119.10 (118.80 to 119.80): V
 1000000





#68

1-Bromo-4-Fluorobenzene

Concen: 9.275 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL037753.D

Acq: 1 Oct 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

C0P07DL

Tgt Ion: 95 Resp: 2348821

Ion Ratio Lower Upper

95 100

174 77.1 56.3 84.5

175 5.9 4.4 6.6

