

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091621\
 Data File : VL037621.D
 Acq On : 16 Sep 2021 18:46
 Operator : SY/AP
 Sample : M2262-14 0.03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 05:28:19 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	1517176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4513836	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3859991	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2609599	9.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

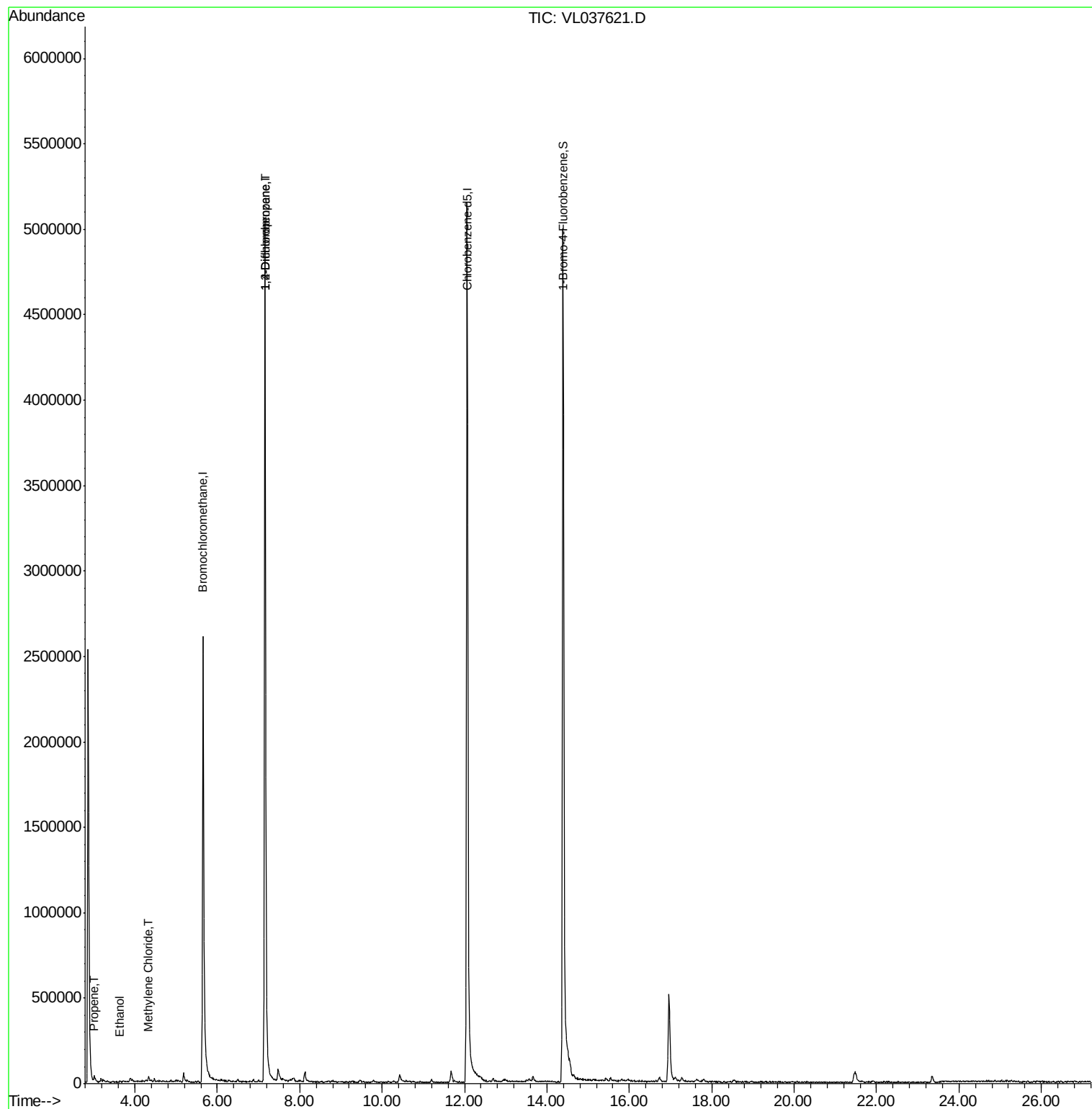
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	11020	0.109	ppbv	99
13) Ethanol	3.62	45	595	0.060	ppbv #	33
20) Methylene Chloride	4.33	84	7280	0.097	ppbv #	60
39) 1,2-Dichloropropane	7.16	63	1025158	7.111	ppbv #	27

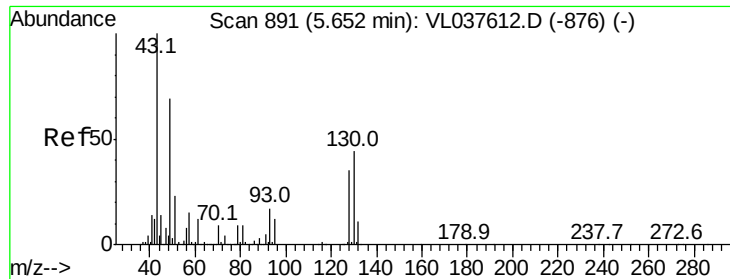
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091621\
Data File : VL037621.D
Acq On : 16 Sep 2021 18:46
Operator : SY/AP
Sample : M2262-14 0.03
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 17 05:28:19 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# 891

Delta R.T. 0.00 min

Lab File: VL037621.D

Acq: 16 Sep 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :

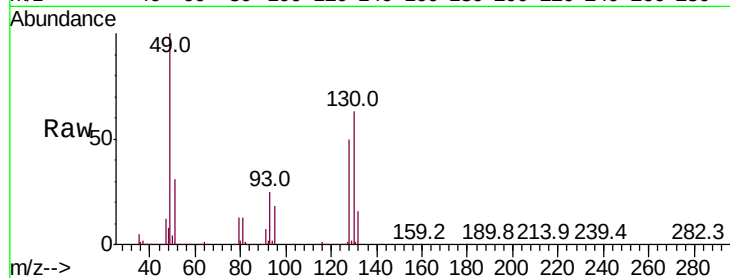
Tot Ion: 49 Resp: 1517176

Ion Ratio Lower Upper

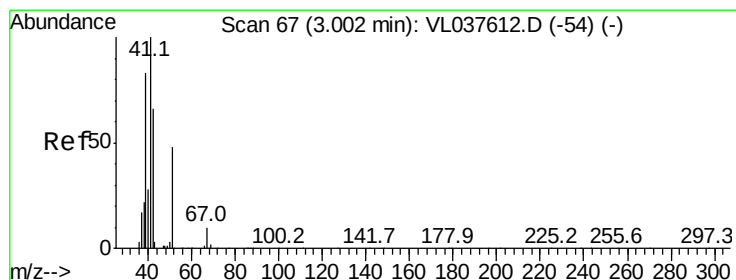
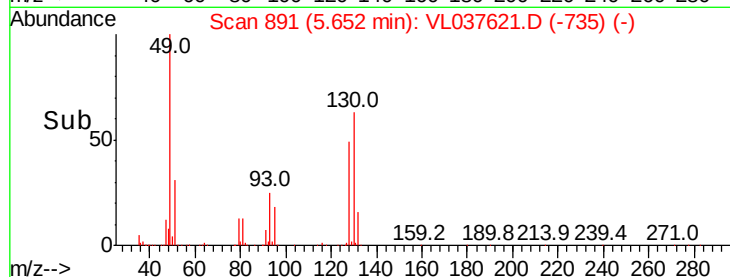
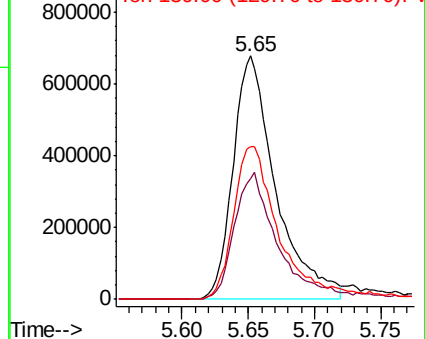
49 100

128 56.8 27.9 83.6

130 70.3 33.9 101.7



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



#9

Propene

Concen: 0.109 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037621.D

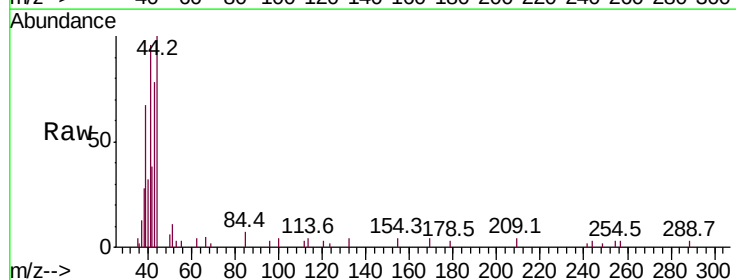
Acq: 16 Sep 2021 18:46

Tgt Ion: 41 Resp: 11020

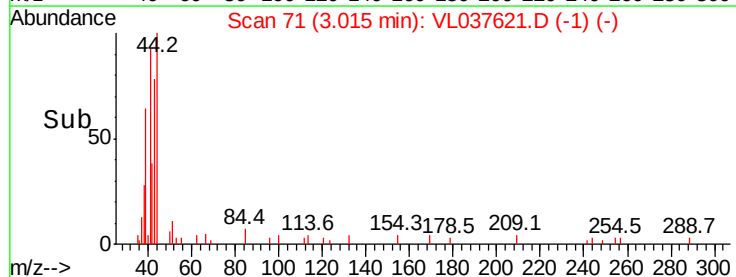
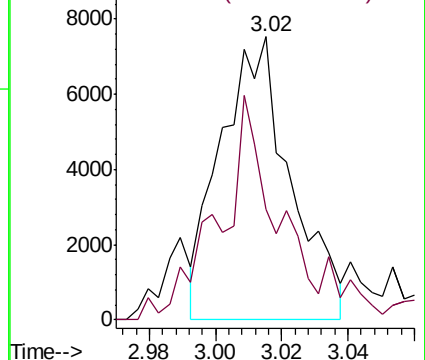
Ion Ratio Lower Upper

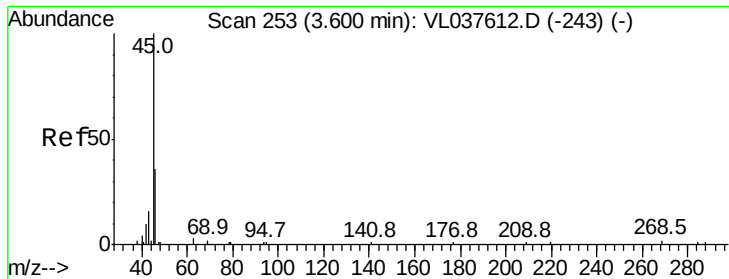
41 100

42 72.2 57.2 85.8



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

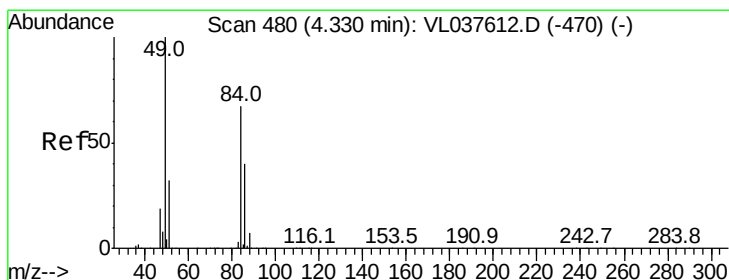
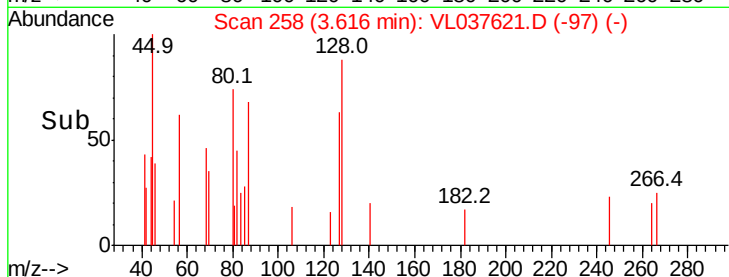
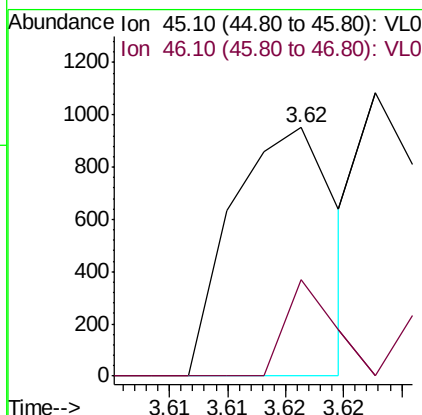
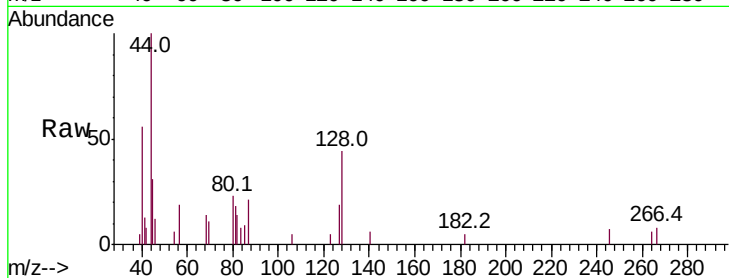




#13
Ethanol
Concen: 0.060 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

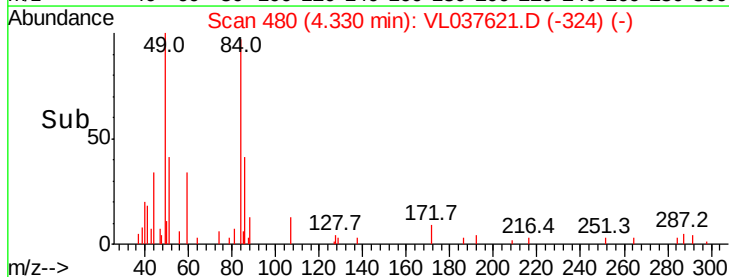
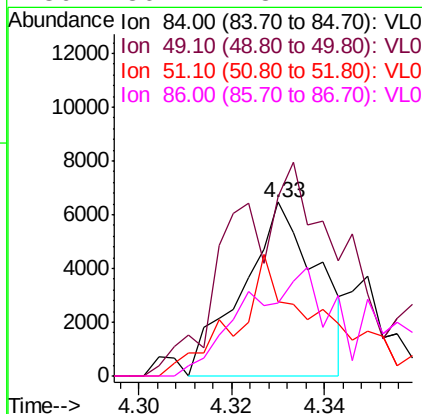
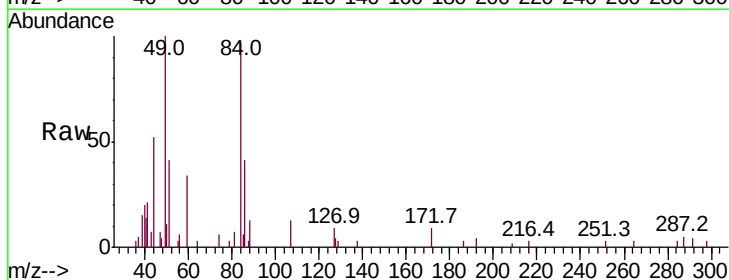
Instrument :
MSVOA_L
ClientSampled :

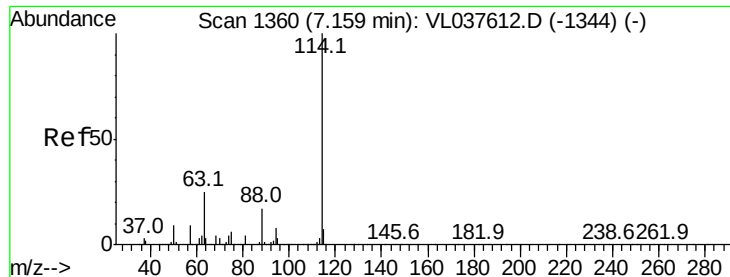
Tot Ion: 45 Resp: 595
Ion Ratio Lower Upper
45 100
46 0.0 17.2 68.8#



#20
Methylene Chloride
Concen: 0.097 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

Tgt Ion: 84 Resp: 7280
Ion Ratio Lower Upper
84 100
49 90.3 120.0 180.0#
51 29.4 38.0 57.0#
86 36.4 48.2 72.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.00 min

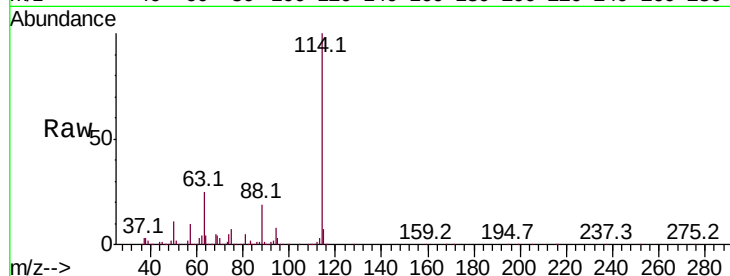
Lab File: VL037621.D

Acq: 16 Sep 2021 18:46

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:114 Resp: 4513836

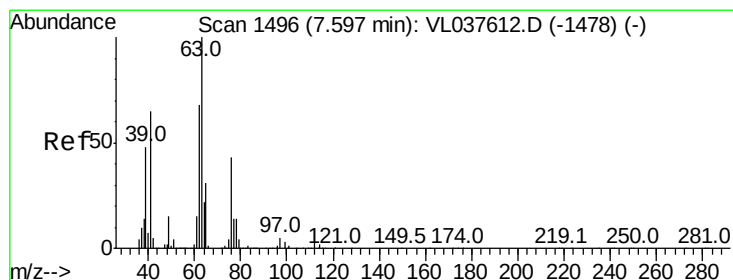
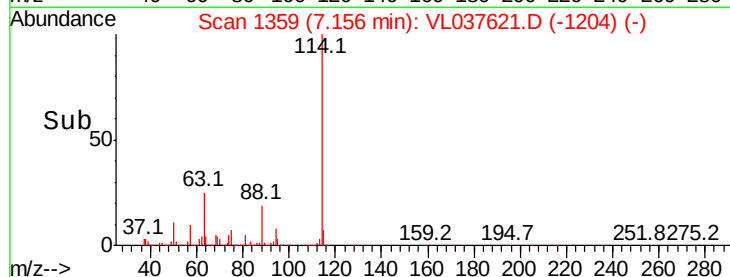
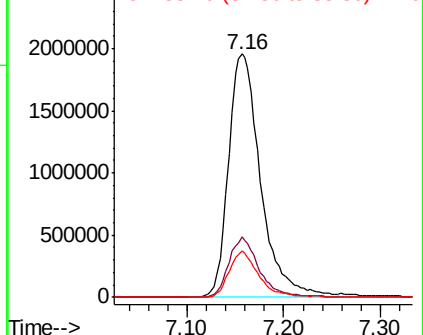
Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.6	29.4
88	18.0	14.2	21.4



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



#39

1,2-Dichloropropane

Concen: 7.111 ppbv

RT: 7.16 min Scan# 1359

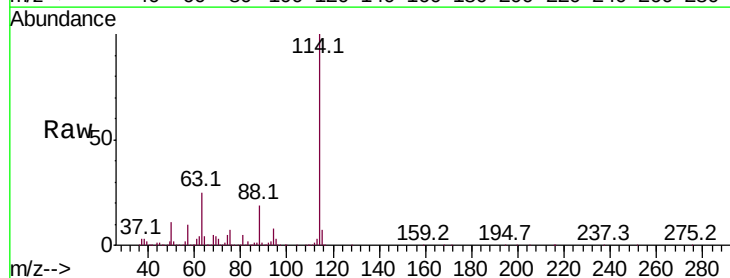
Delta R.T. -0.44 min

Lab File: VL037621.D

Acq: 16 Sep 2021 18:46

Tgt Ion: 63 Resp: 1025158

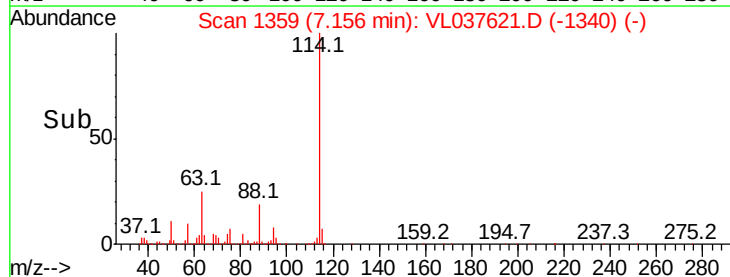
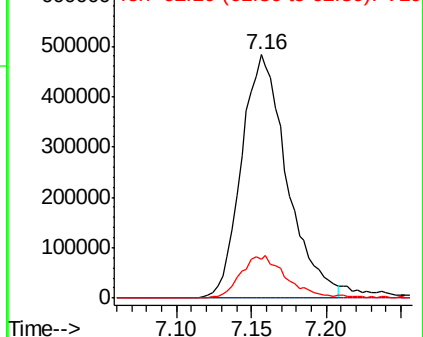
Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	15.7	54.6	81.8#

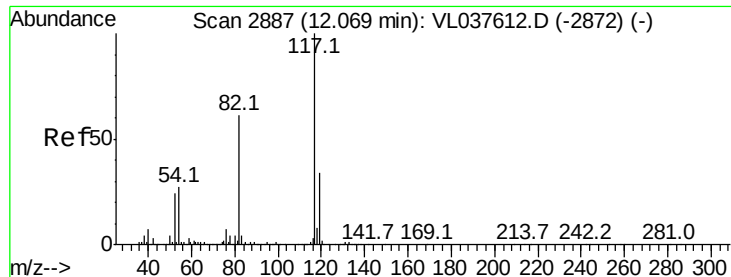


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

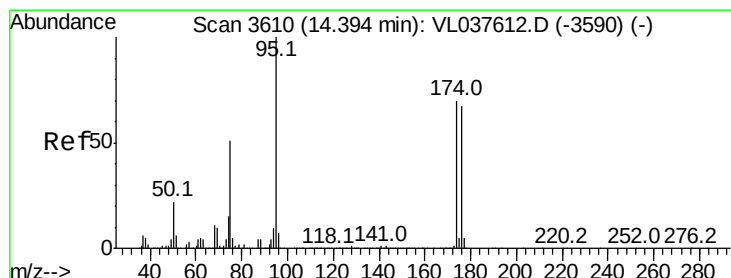
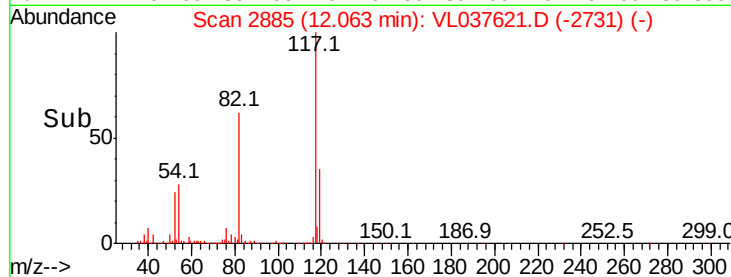
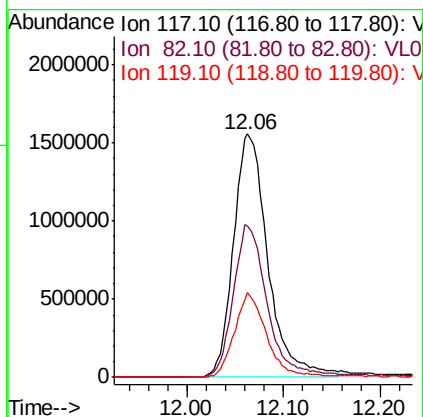
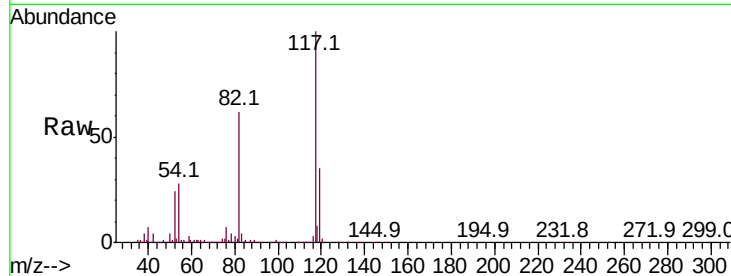




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3859991
Ion Ratio Lower Upper
117 100
82 63.9 50.6 75.8
119 33.3 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.355 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

Tgt Ion: 95 Resp: 2609599
Ion Ratio Lower Upper
95 100
174 74.3 56.3 84.5
175 5.8 4.4 6.6

