

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037553.D
 Acq On : 7 Sep 2021 16:31
 Operator : SY/AP
 Sample : CAN 10601
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10601

Quant Time: Sep 08 11:10:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1674373	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4848340	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4205273	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3165726	10.60	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

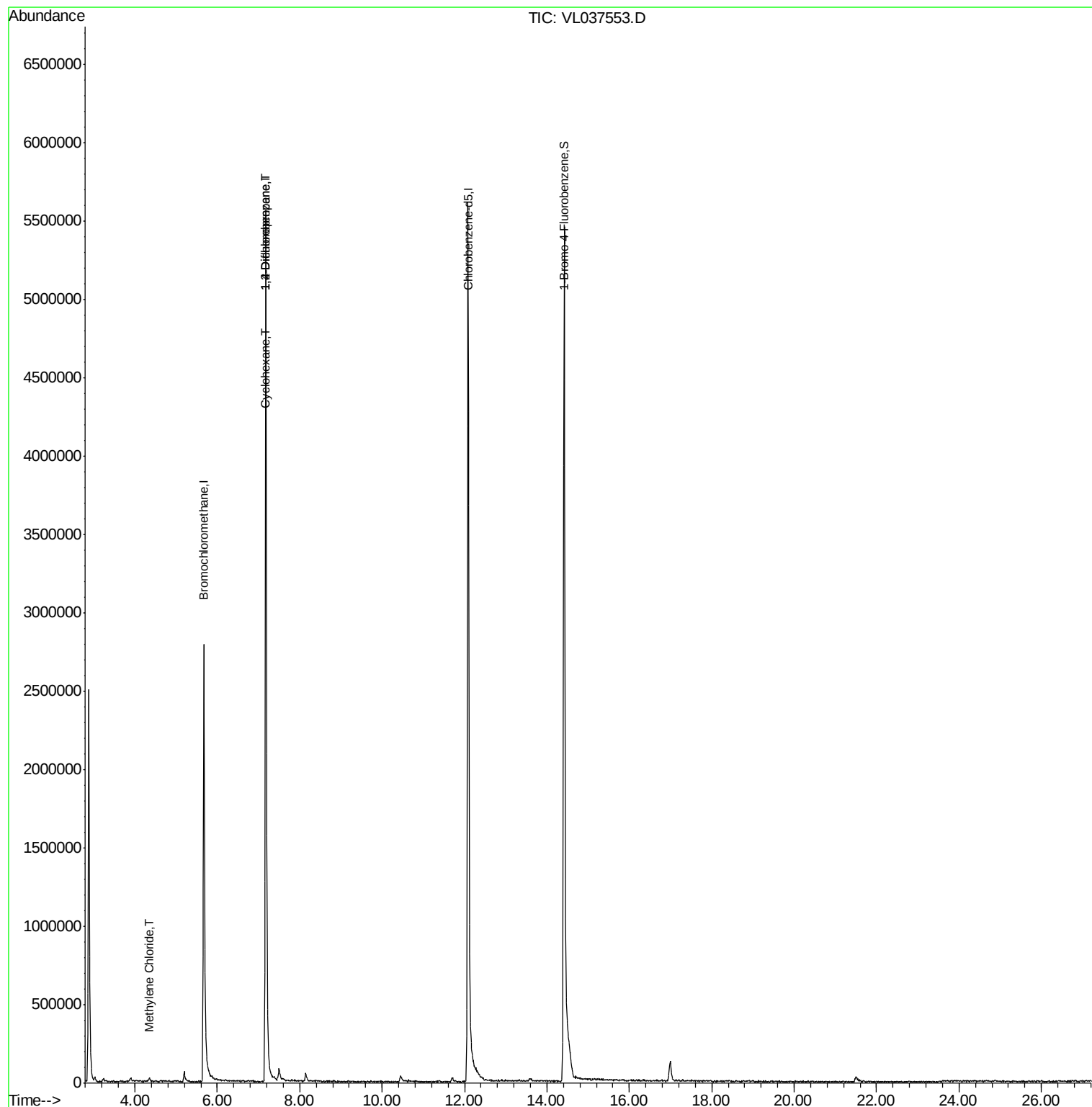
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	5116	0.060	ppbv	91
30) Cyclohexane	7.16	84	5287	0.030	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	1122795	7.169	ppbv #	27

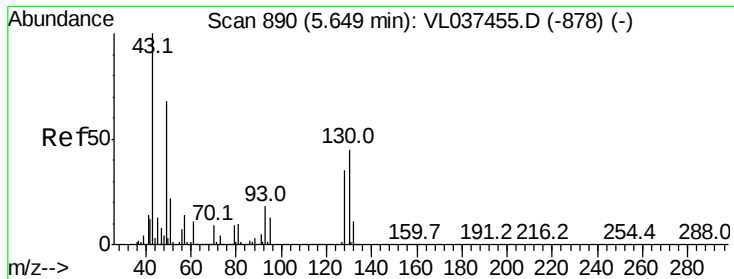
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090721\
Data File : VL037553.D
Acq On : 7 Sep 2021 16:31
Operator : SY/AP
Sample : CAN 10601
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Quant Time: Sep 08 11:10:42 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL037553.D

Acq: 7 Sep 2021 16:31

Instrument :

MSVOA_L

ClientSampleId :

CAN 10601

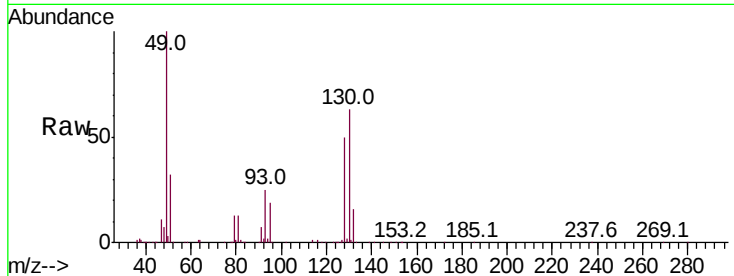
Tot Ion: 49 Resp: 1674373

Ion Ratio Lower Upper

49 100

128 53.6 27.5 82.4

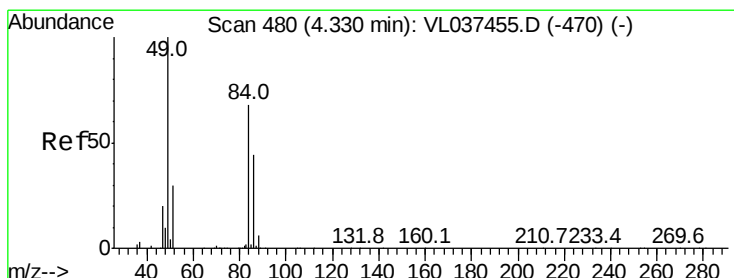
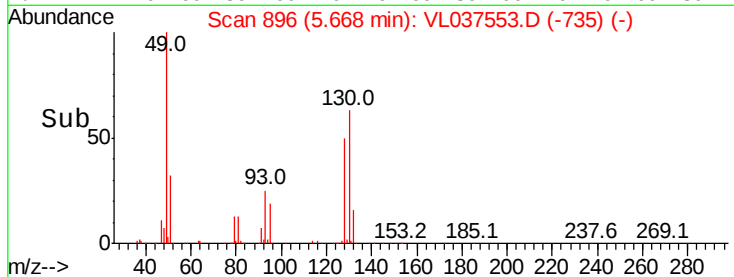
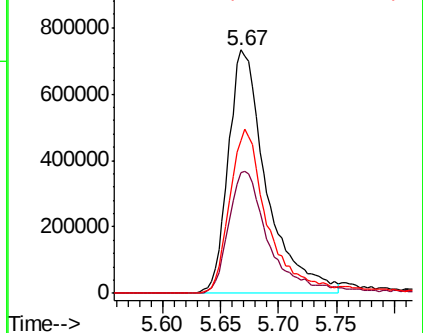
130 70.0 34.0 101.8



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



#20

Methylene Chloride

Concen: 0.060 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL037553.D

Acq: 7 Sep 2021 16:31

Tgt Ion: 84 Resp: 5116

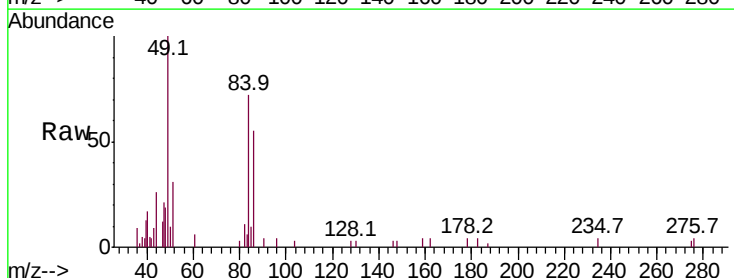
Ion Ratio Lower Upper

84 100

49 138.5 118.2 177.2

51 43.3 36.6 55.0

86 76.6 51.8 77.6

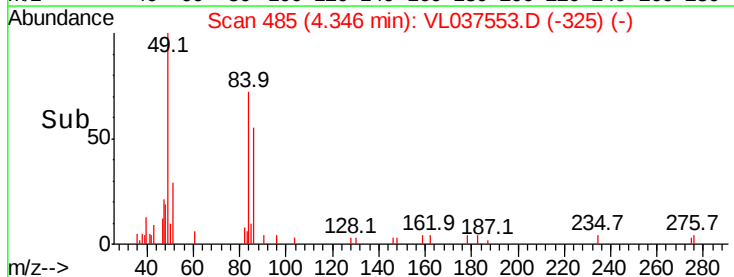
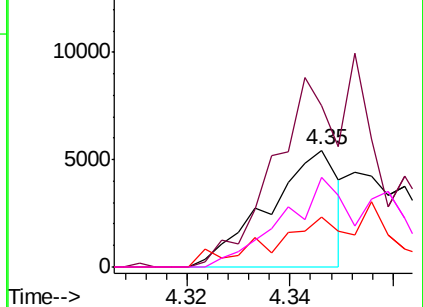


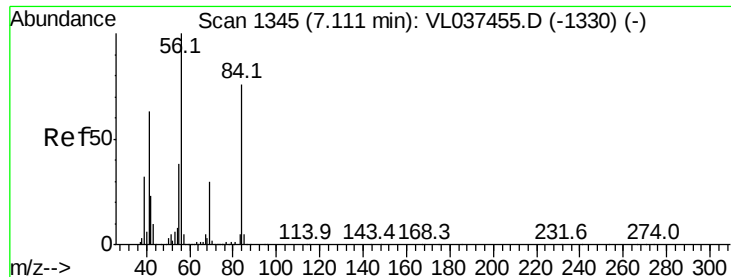
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

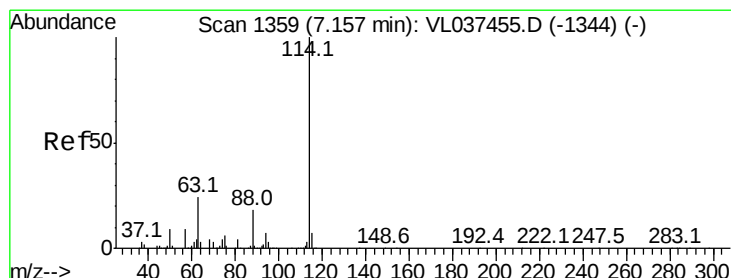
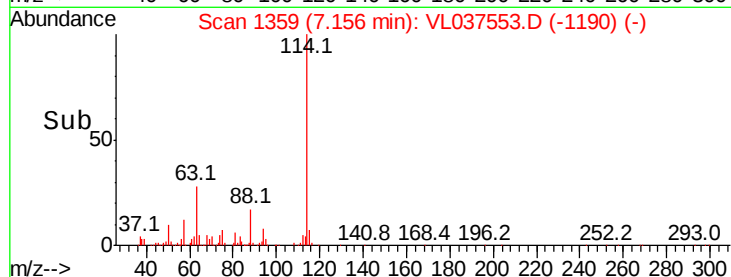
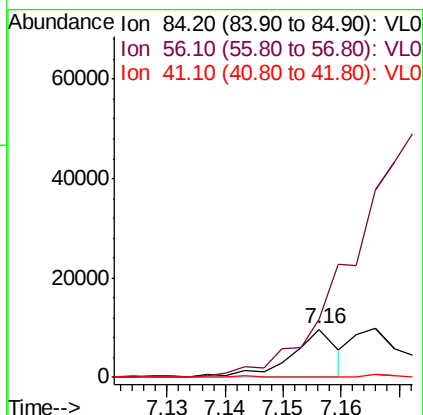
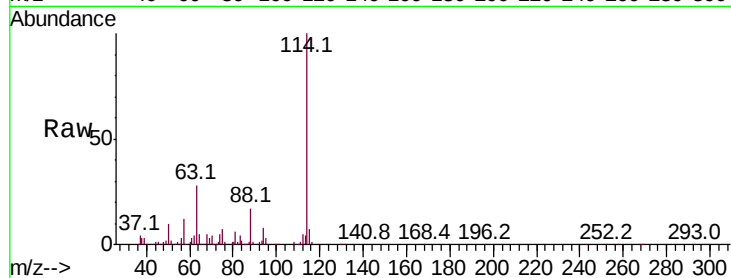




#30
Cvclohexane
Concen: 0.030 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.04 min
Lab File: VL037553.D
Acq: 7 Sep 2021 16:31

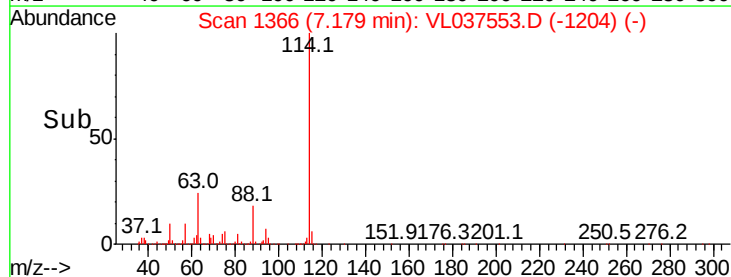
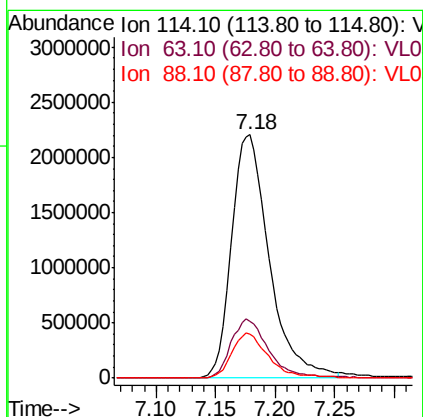
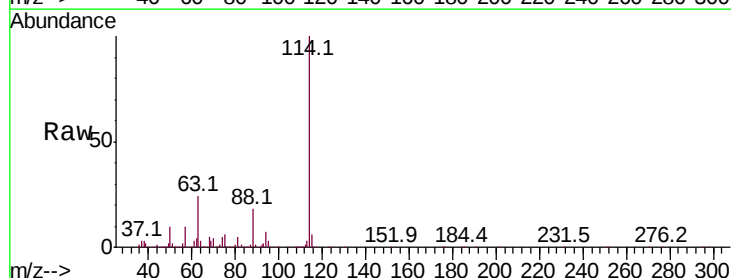
Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

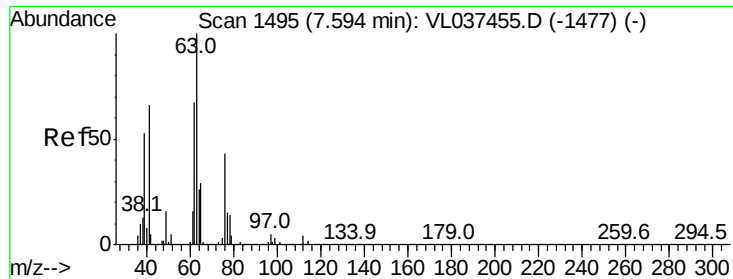
Tot Ion: 84 Resp: 5287
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 67.0 100.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037553.D
Acq: 7 Sep 2021 16:31

Tgt Ion:114 Resp: 4848340
Ion Ratio Lower Upper
114 100
63 24.4 19.3 28.9
88 18.3 14.2 21.4

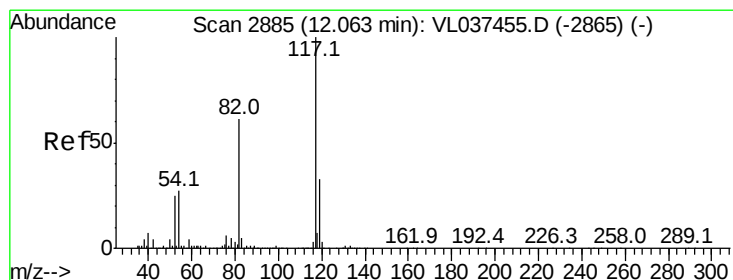
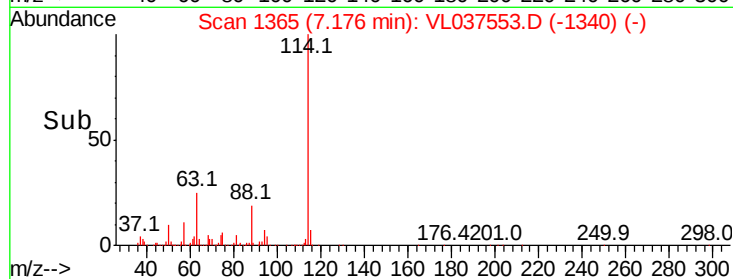
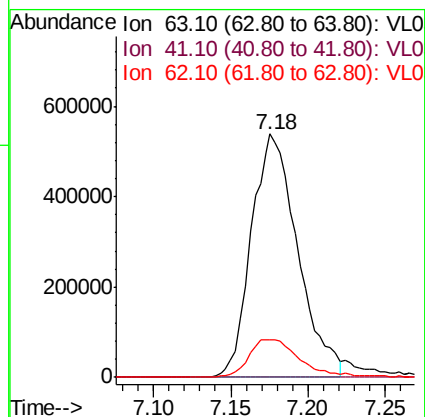
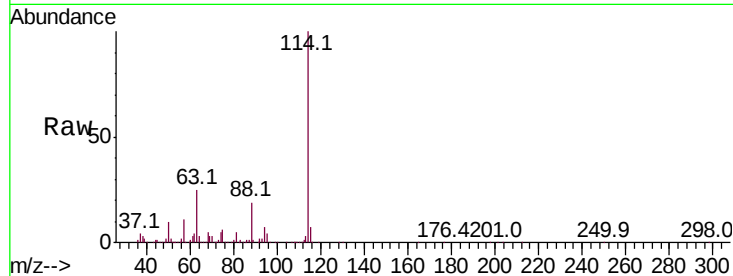




#39
 1,2-Dichloropropane
 Concen: 7.169 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.42 min
 Lab File: VL037553.D
 Acq: 7 Sep 2021 16:31

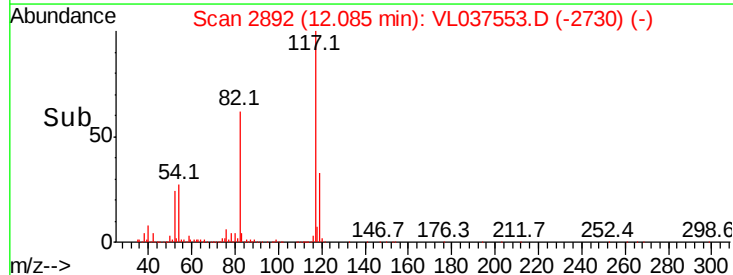
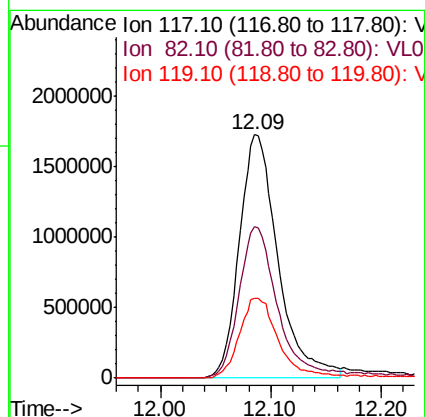
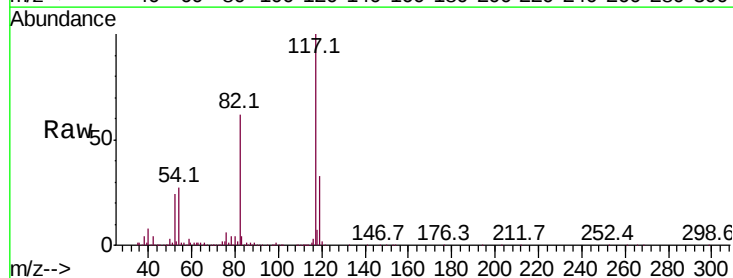
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10601

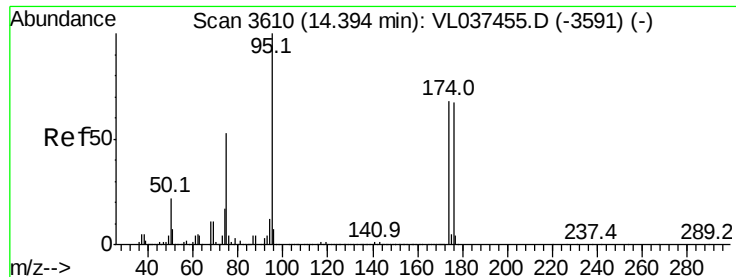
Tot Ion: 63 Resp: 1122795
 Ion Ratio Lower Upper
 63 100
 41 0.0 52.4 78.6#
 62 15.4 53.6 80.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.02 min
 Lab File: VL037553.D
 Acq: 7 Sep 2021 16:31

Tgt Ion: 117 Resp: 4205273
 Ion Ratio Lower Upper
 117 100
 82 67.3 52.9 79.3
 119 35.0 24.8 37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.596 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.02 min

Lab File: VL037553.D

Acq: 7 Sep 2021 16:31

Instrument :

MSVOA_L

ClientSampleId :

CAN 10601

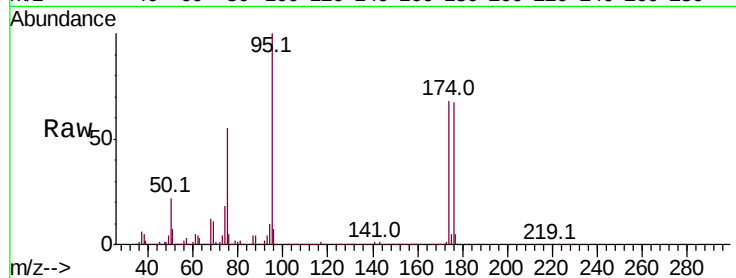
Tot Ion: 95 Resp: 3165726

Ion Ratio Lower Upper

95 100

174 72.9 59.6 89.4

175 5.0 4.6 7.0



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

