

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037545.D
 Acq On : 7 Sep 2021 11:33
 Operator : SY/AP
 Sample : CAN 10604
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10604

Quant Time: Sep 08 11:09:54 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	5.66	49	1689762	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	5079746	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	4391820	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3307213	10.60	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

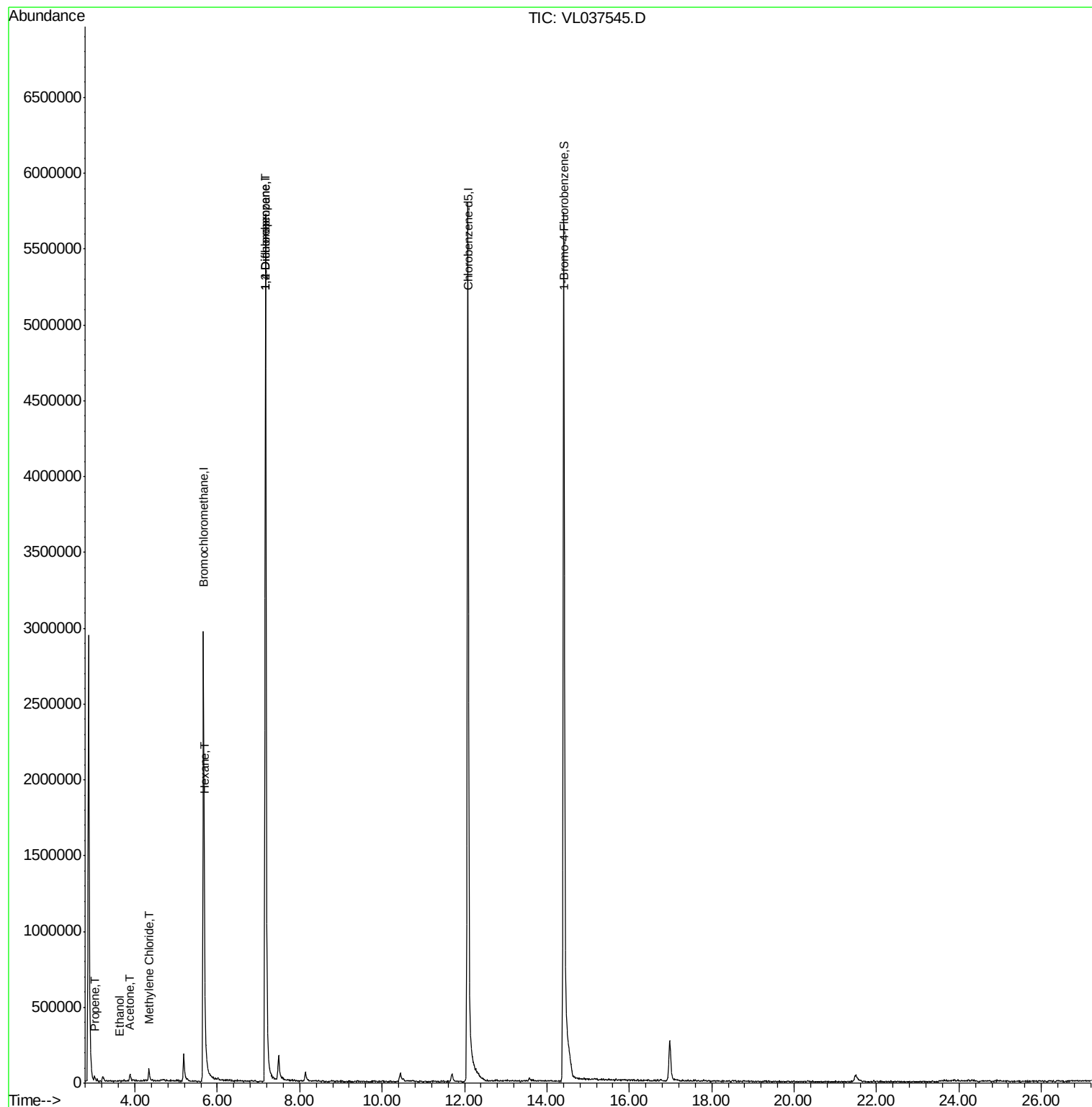
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	5882	0.051	ppbv #	56
13) Ethanol	3.61	45	1252	0.111	ppbv #	39
15) Acetone	3.87	43	22786	0.132	ppbv #	1
20) Methylene Chloride	4.35	84	27553	0.320	ppbv #	82
26) Hexane	5.69	57	9346	0.044	ppbv #	10
39) 1,2-Dichloropropane	7.17	63	1207899	7.361	ppbv #	27

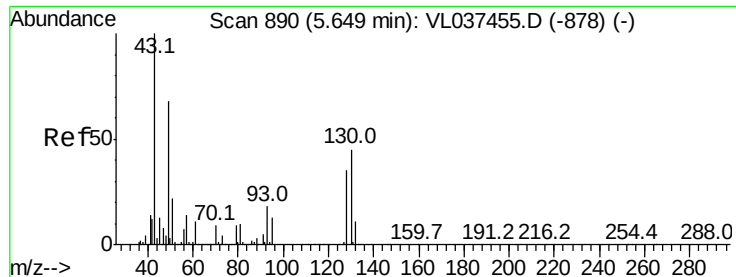
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.02 min

Lab File: VL037545.D

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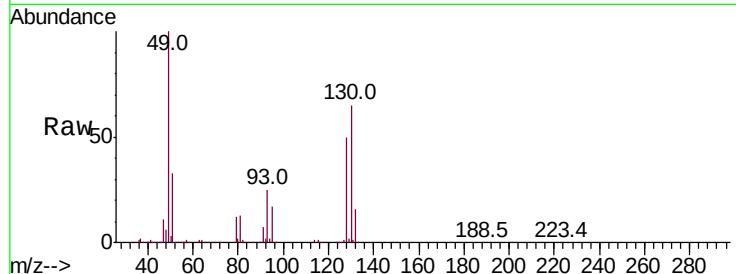
Tot Ion: 49 Resp: 1689762

Ion Ratio Lower Upper

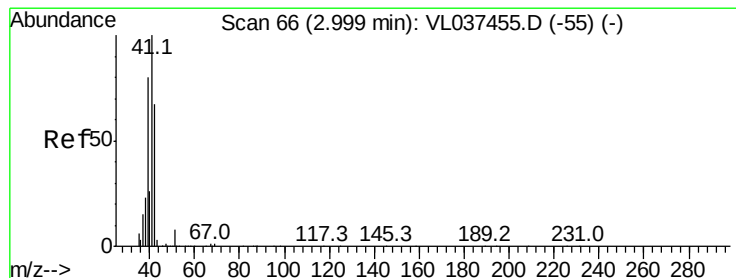
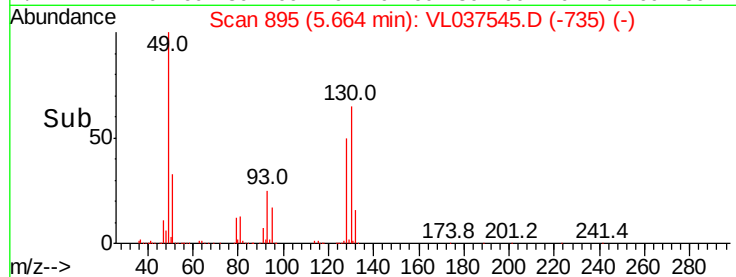
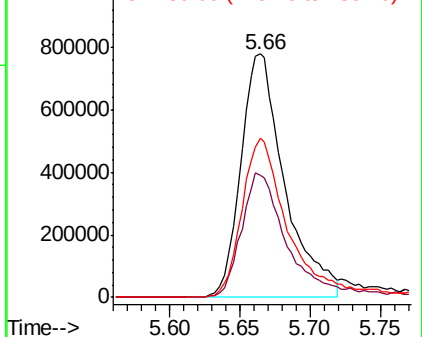
49 100

128 54.8 27.5 82.4

130 73.1 34.0 101.8



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: 0.051 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL037545.D

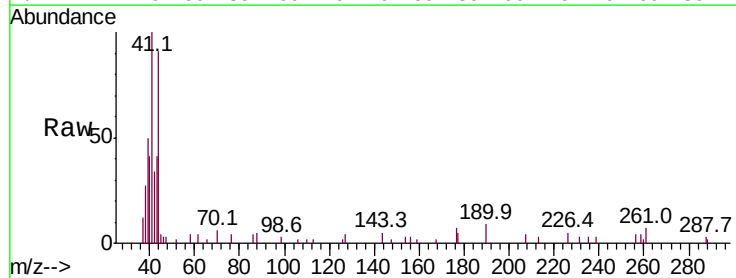
Acq: 7 Sep 2021 11:33

Tgt Ion: 41 Resp: 5882

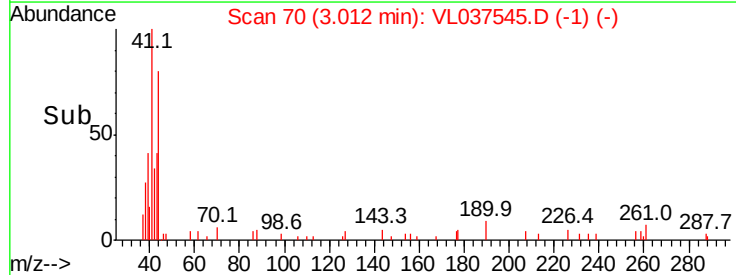
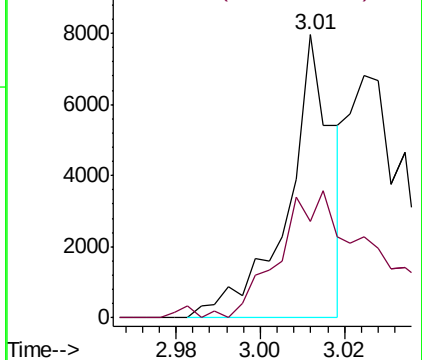
Ion Ratio Lower Upper

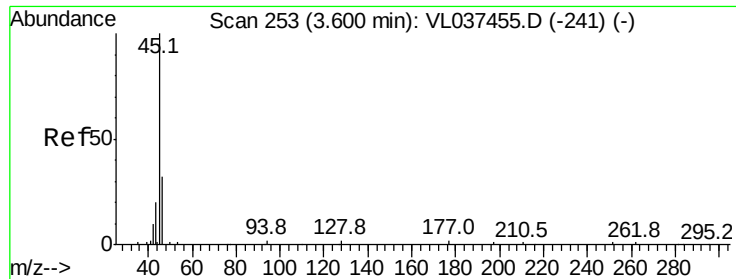
41 100

42 102.2 53.7 80.5#



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

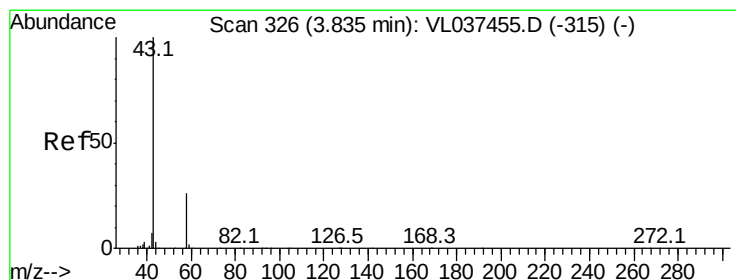
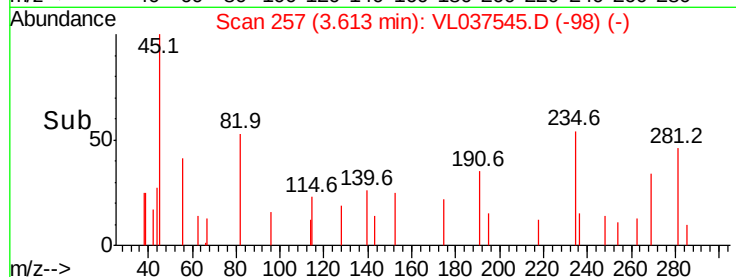
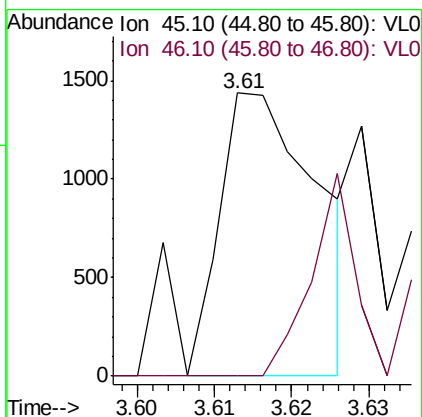
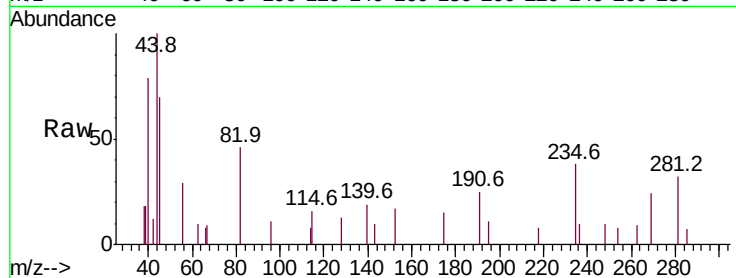




#13
Ethanol
Concen: 0.111 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

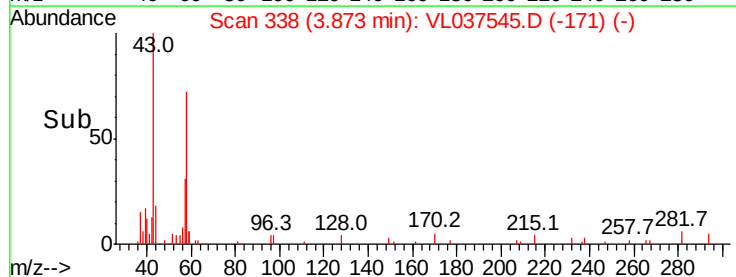
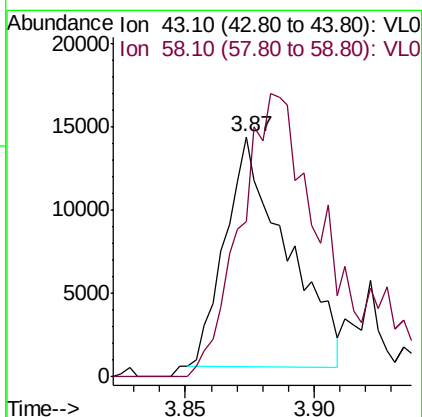
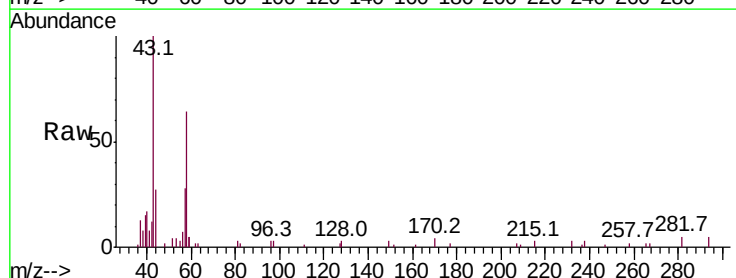
Instrument :
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ClientSampleId :
CAN 10604

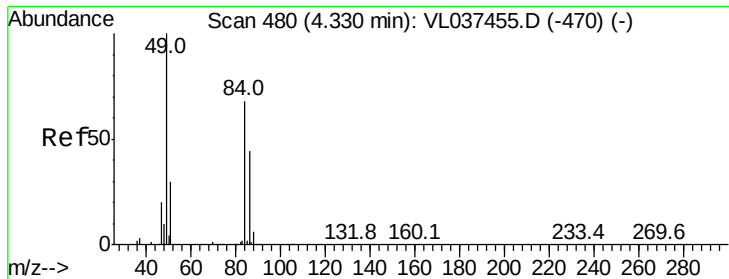
Tot Ion: 45 Resp: 1252
Ion Ratio Lower Upper
45 100
46 0.0 14.1 56.5#



#15
Acetone
Concen: 0.132 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

Tgt Ion: 43 Resp: 22786
Ion Ratio Lower Upper
43 100
58 200.9 24.8 37.2#

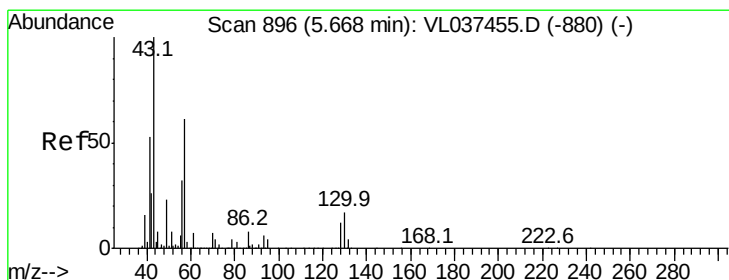
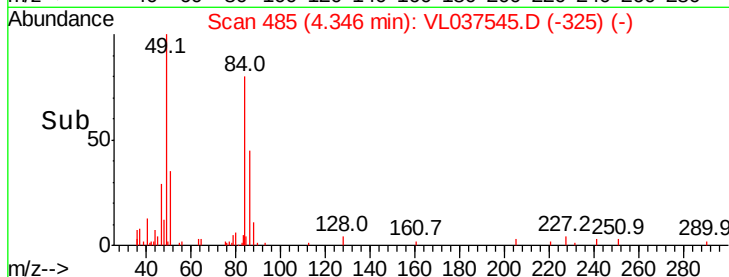
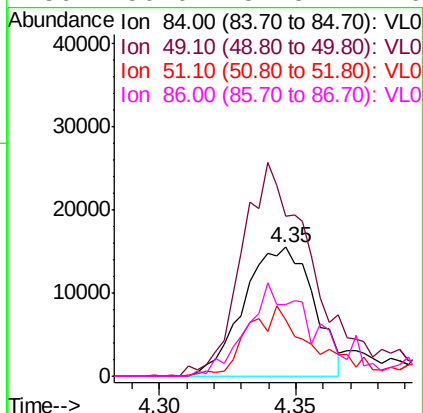
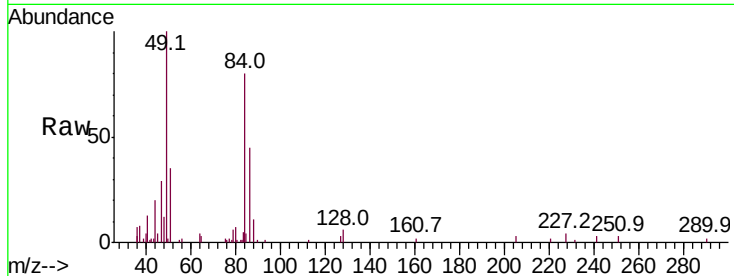




#20
Methylene Chloride
Concen: 0.320 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

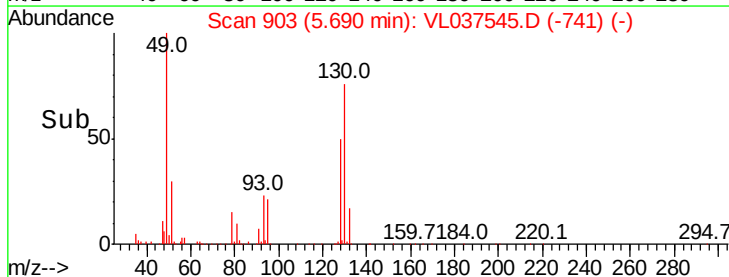
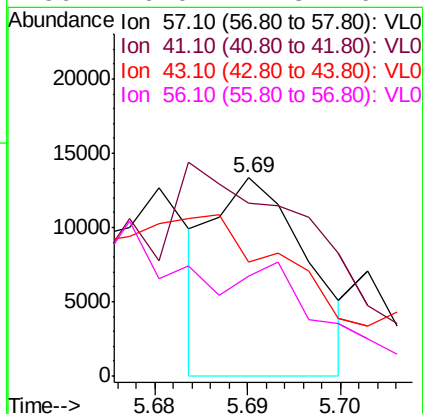
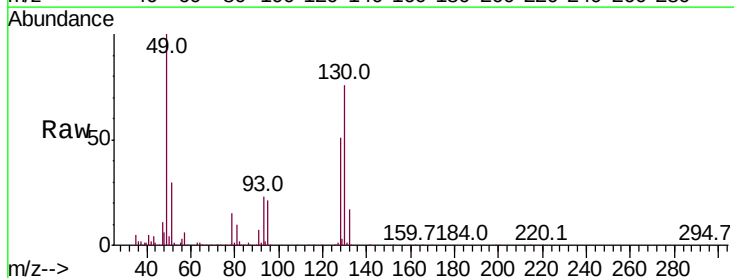
Instrument :
MSVOA_L
ClientSampleId :
CAN 10604

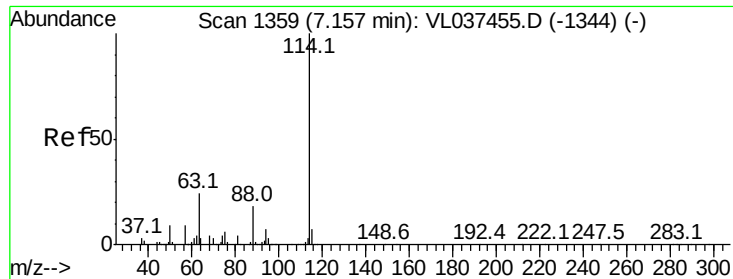
Tot Ion: 84 Resp: 27553
Ion Ratio Lower Upper
84 100
49 116.6 118.2 177.2#
51 42.1 36.6 55.0
86 56.0 51.8 77.6



#26
Hexane
Concen: 0.044 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

Tgt Ion: 57 Resp: 9346
Ion Ratio Lower Upper
57 100
41 329.0 72.3 108.5#
43 256.0 172.3 258.5
56 0.0 42.8 64.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.02 min

Lab File: VL037545.D

Acq: 7 Sep 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

CAN 10604

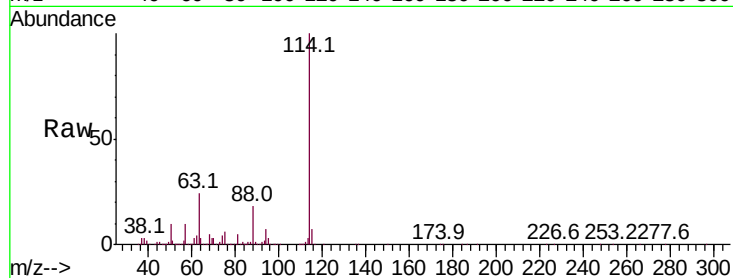
Tot Ion:114 Resp: 5079746

Ion Ratio Lower Upper

114 100

63 24.4 19.3 28.9

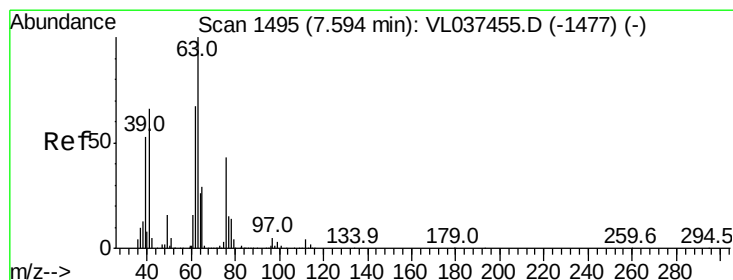
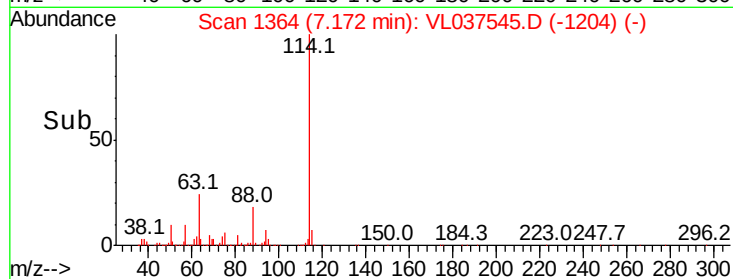
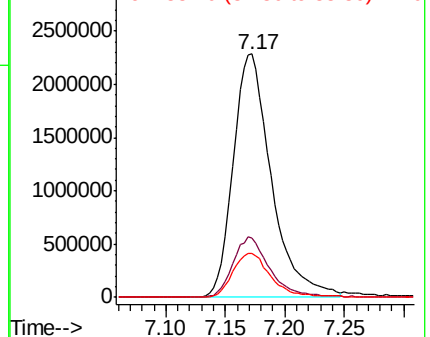
88 18.2 14.2 21.4



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: 7.361 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.42 min

Lab File: VL037545.D

Acq: 7 Sep 2021 11:33

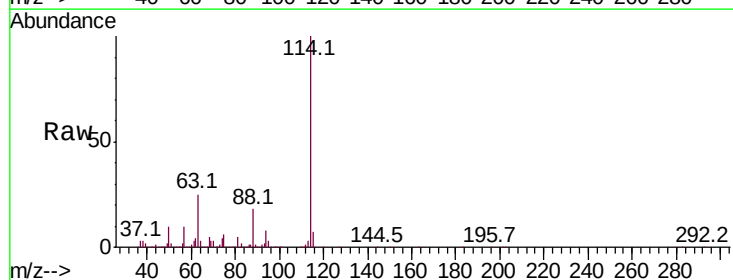
Tgt Ion: 63 Resp: 1207899

Ion Ratio Lower Upper

63 100

41 0.0 52.4 78.6#

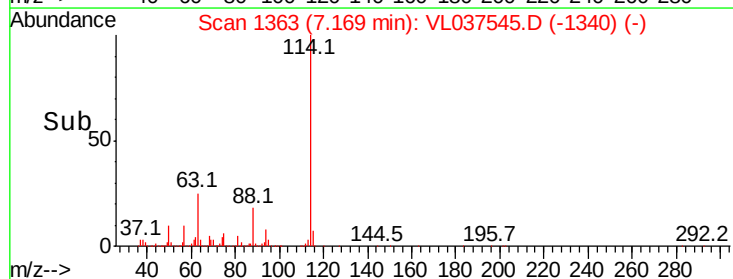
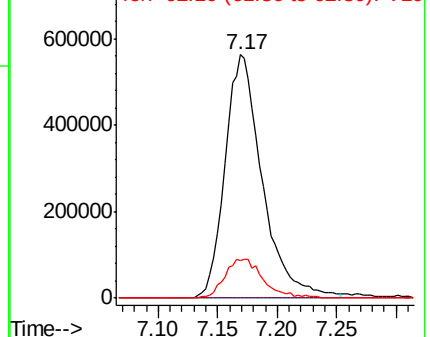
62 15.7 53.6 80.4#

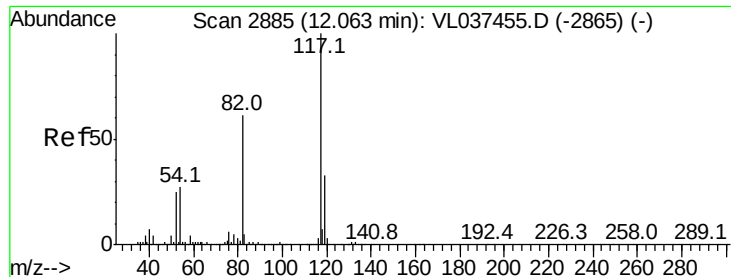


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

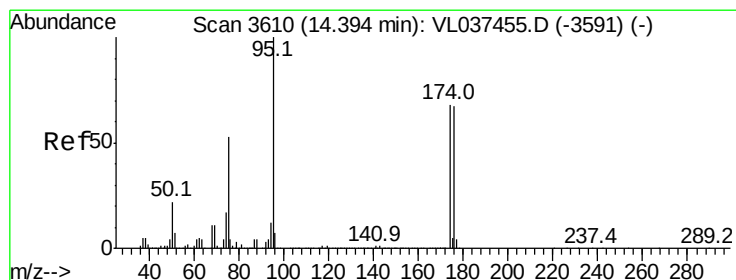
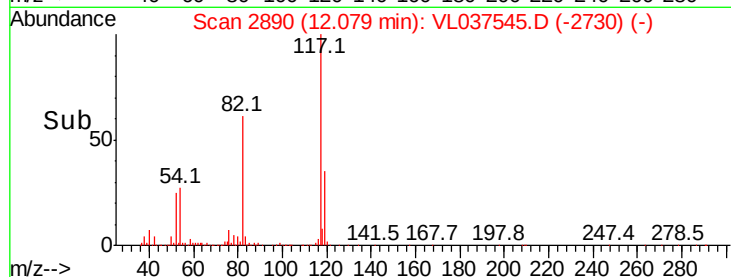
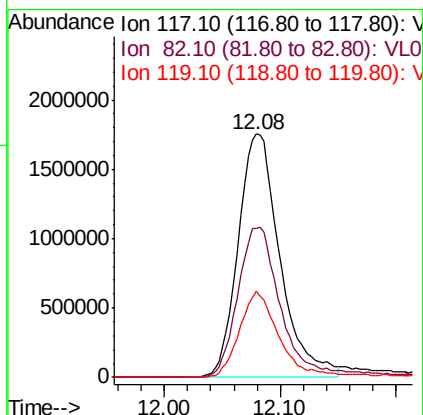
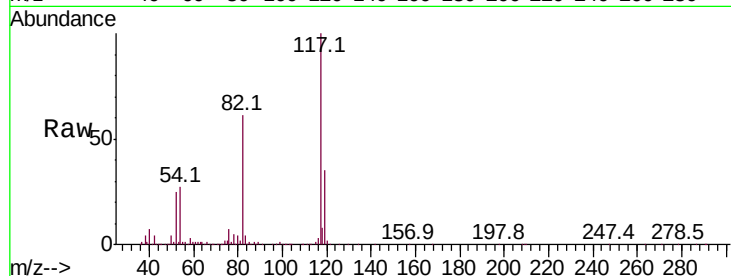




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10604

Tot Ion:117 Resp: 4391820
Ion Ratio Lower Upper
117 100
82 66.4 52.9 79.3
119 34.3 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.600 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.02 min
Lab File: VL037545.D
Acq: 7 Sep 2021 11:33

Tgt Ion: 95 Resp: 3307213
Ion Ratio Lower Upper
95 100
174 73.1 59.6 89.4
175 5.3 4.6 7.0

