

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090821\
 Data File : VL037572.D
 Acq On : 8 Sep 2021 14:56
 Operator : SY/AP
 Sample : OC090721 CAN 10058
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090721 CAN 10058

Quant Time: Sep 09 09:11:45 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	5.68	49	1615390	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4790641	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4207269	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3037650	10.16	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

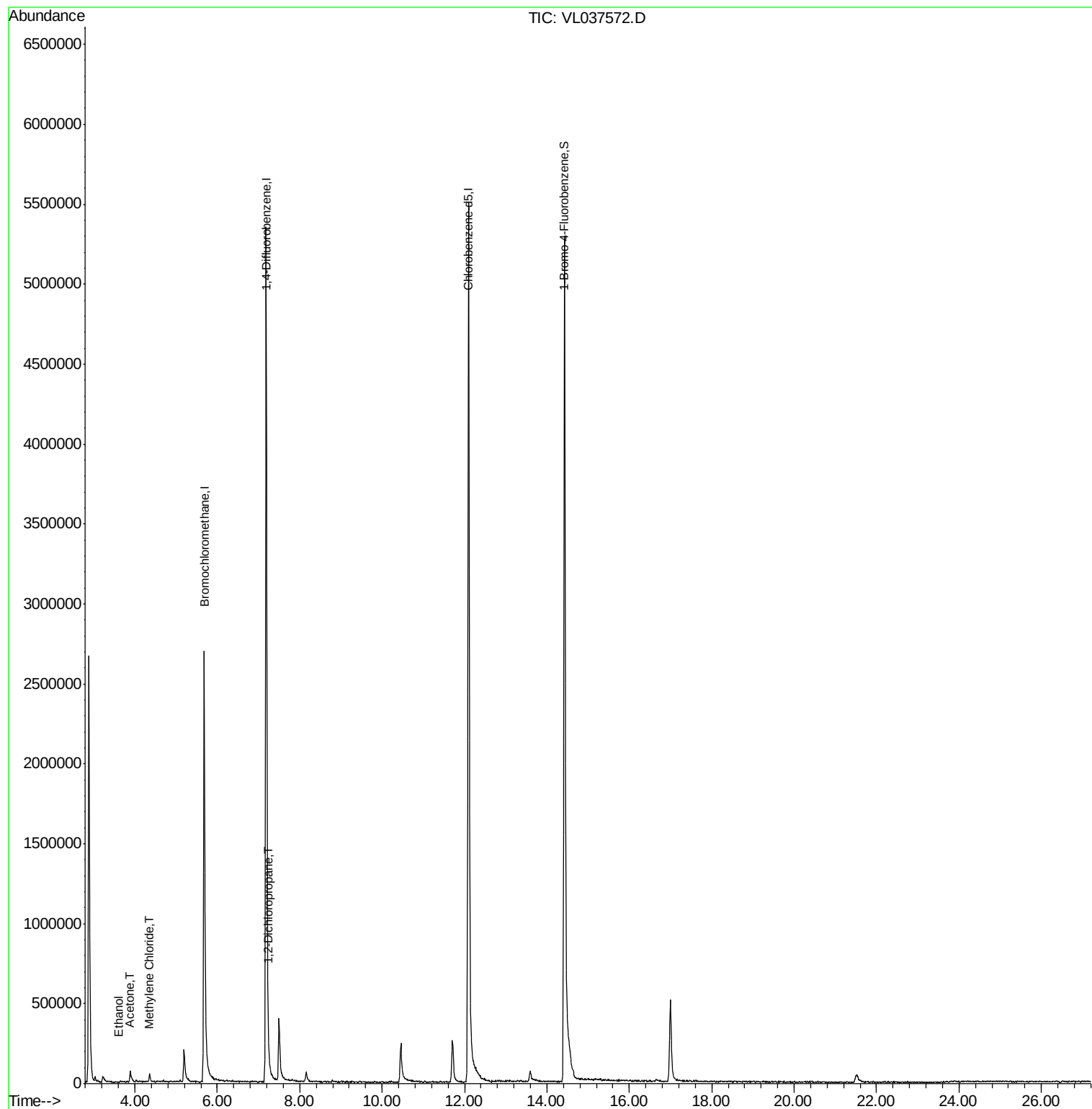
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	817	0.076	ppbv #	39
15) Acetone	3.88	43	26508	0.161	ppbv #	44
20) Methylene Chloride	4.36	84	10396	0.126	ppbv #	58
39) 1,2-Dichloropropane	7.24	63	18219	0.118	ppbv #	25

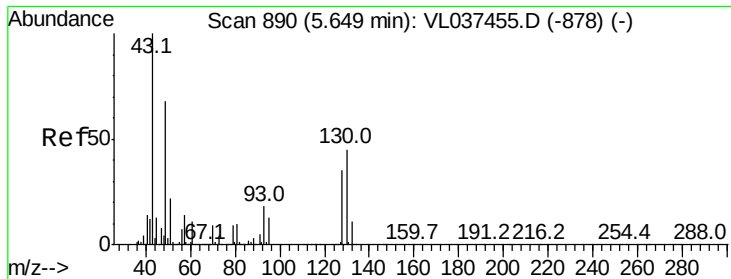
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 02:13:47 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037572.D

Acq: 8 Sep 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

QC090721 CAN 10058

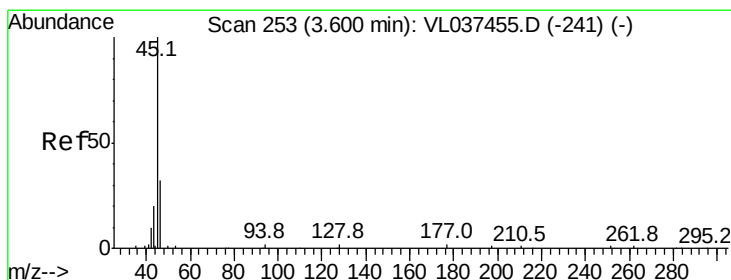
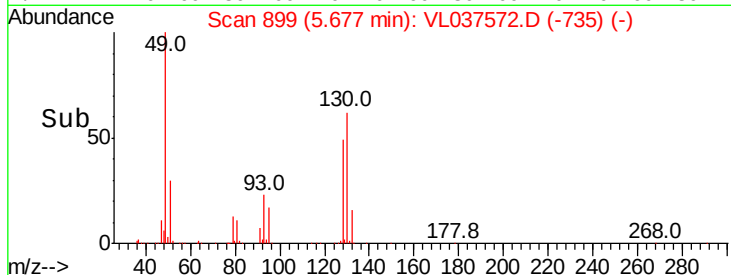
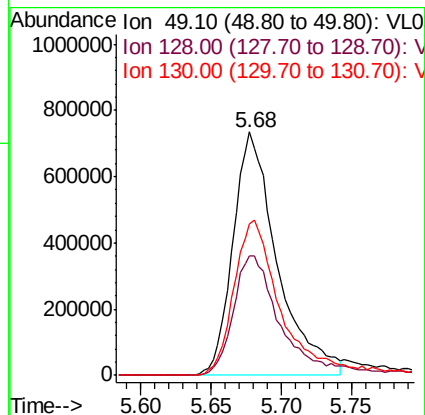
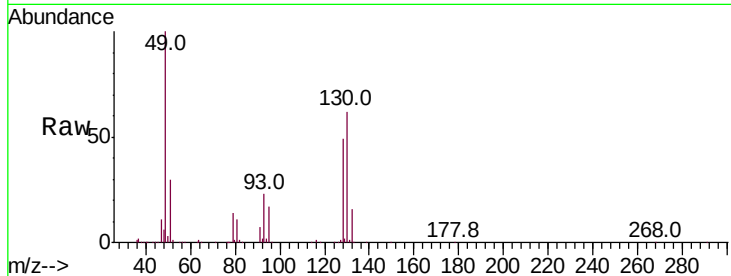
Tot Ion: 49 Resp: 1615390

Ion Ratio Lower Upper

49 100

128 54.7 27.5 82.4

130 71.0 34.0 101.8



#13

Ethanol

Concen: 0.076 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL037572.D

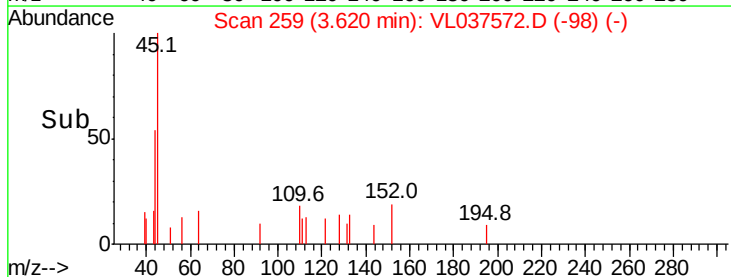
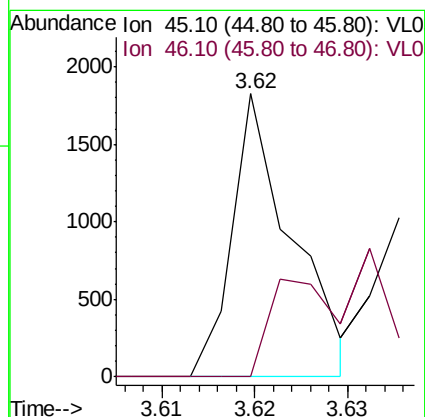
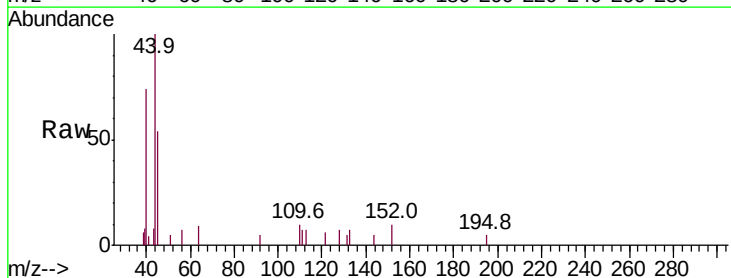
Acq: 8 Sep 2021 14:56

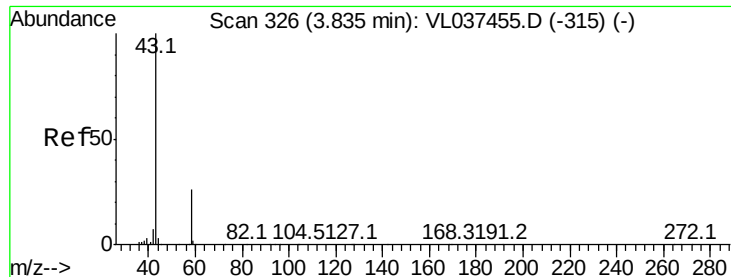
Tgt Ion: 45 Resp: 817

Ion Ratio Lower Upper

45 100

46 0.0 14.1 56.5#





#15

Acetone

Concen: 0.161 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL037572.D

Acq: 8 Sep 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

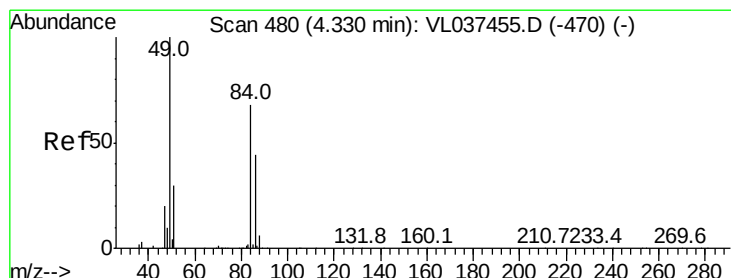
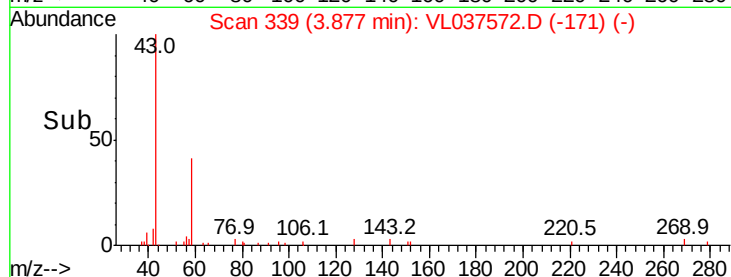
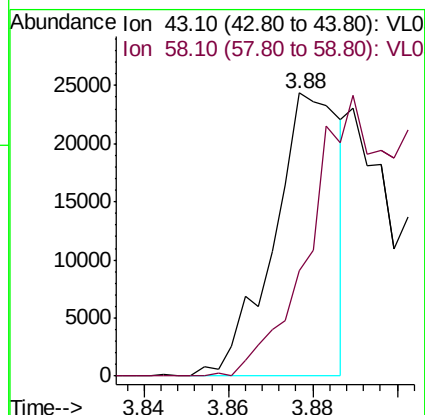
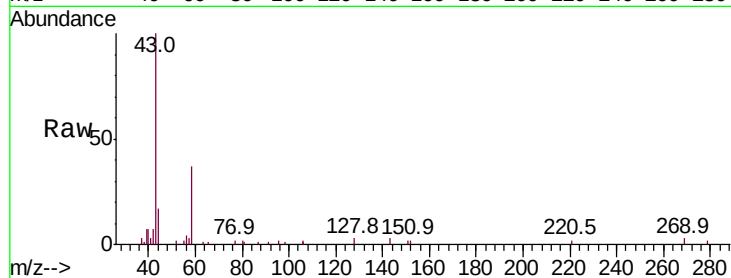
QC090721 CAN 10058

Tot Ion: 43 Resp: 26508

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: 0.126 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.03 min

Lab File: VL037572.D

Acq: 8 Sep 2021 14:56

Tgt Ion: 84 Resp: 10396

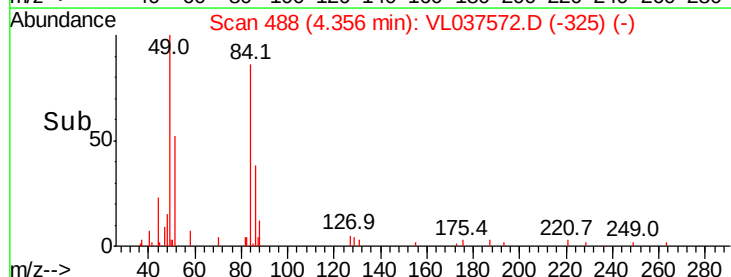
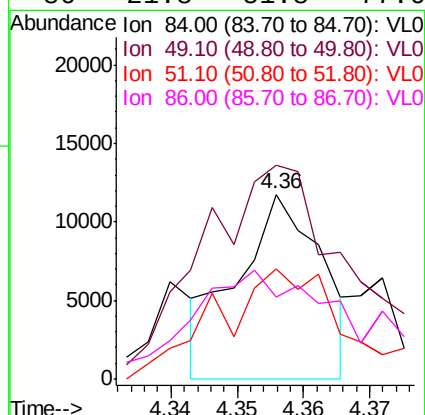
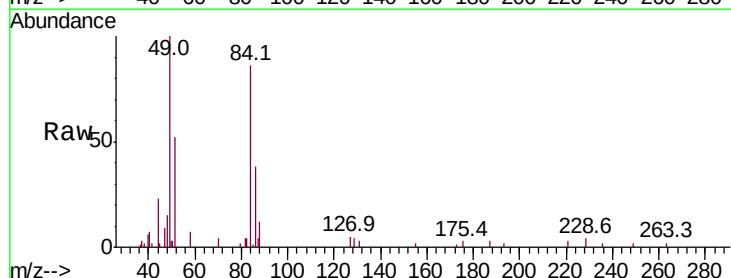
Ion Ratio Lower Upper

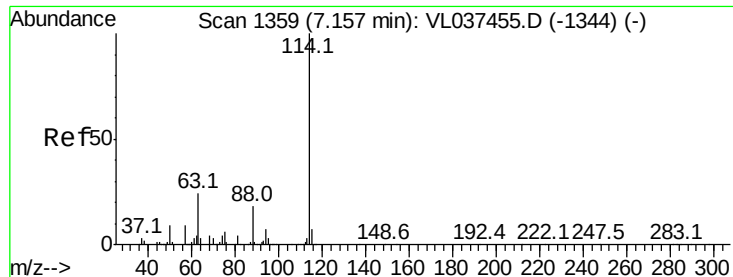
84 100

49 100.5 118.2 177.2#

51 69.8 36.6 55.0#

86 21.8 51.8 77.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VL037572.D

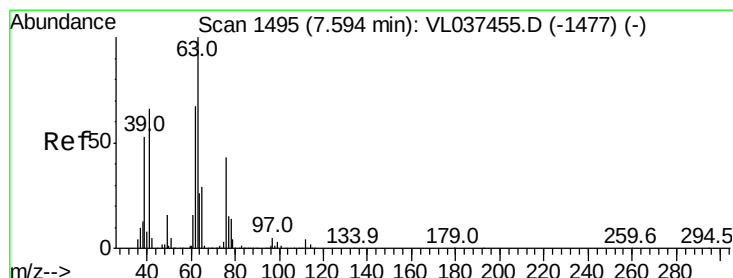
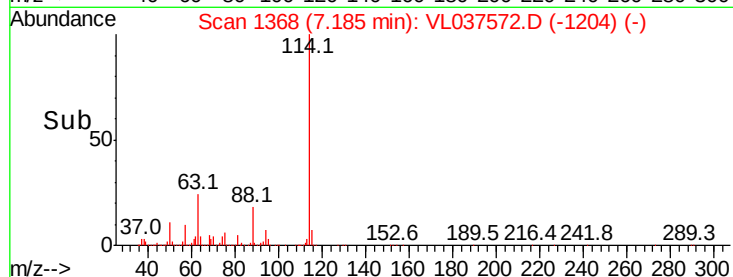
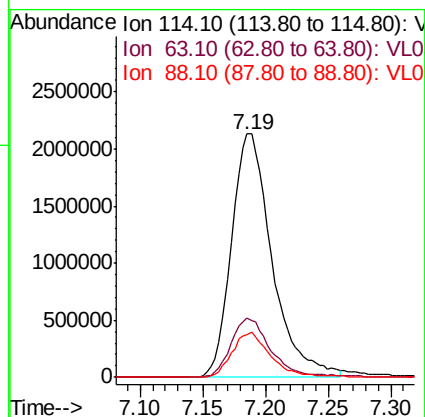
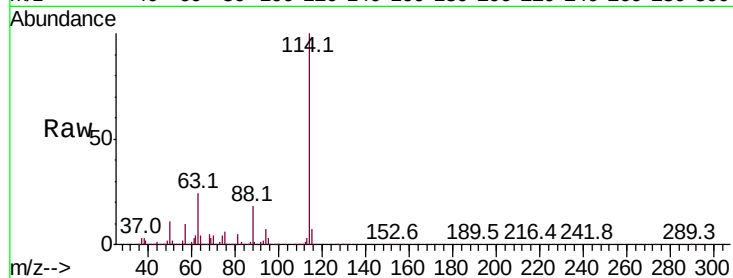
Acq: 8 Sep 2021 14:56

Instrument :
MSVOA_L

ClientSampleId :
QC090721 CAN 10058

Tot Ion:114 Resp: 4790641

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	18.1	14.2	21.4



#39

1,2-Dichloropropane

Concen: 0.118 ppbv

RT: 7.24 min Scan# 1385

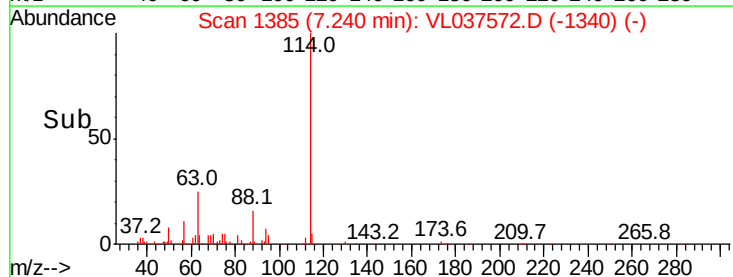
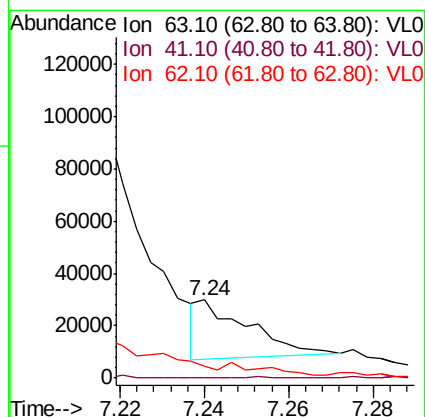
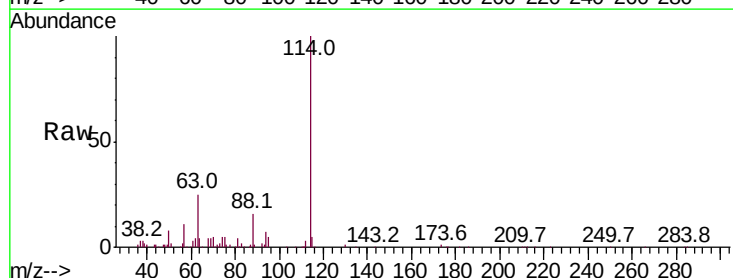
Delta R.T. -0.35 min

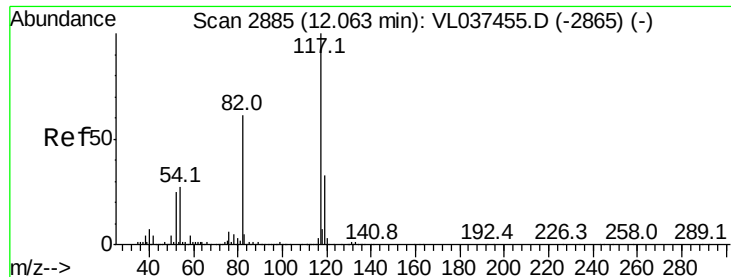
Lab File: VL037572.D

Acq: 8 Sep 2021 14:56

Tgt Ion: 63 Resp: 18219

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	12.7	53.6	80.4#

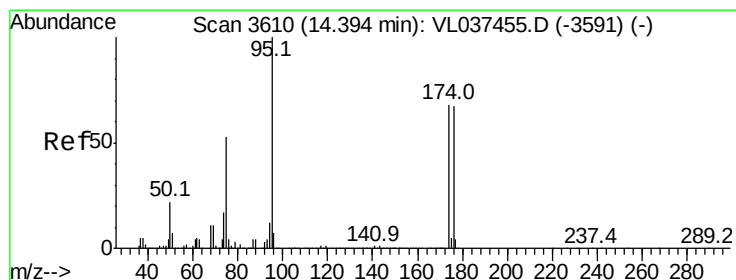
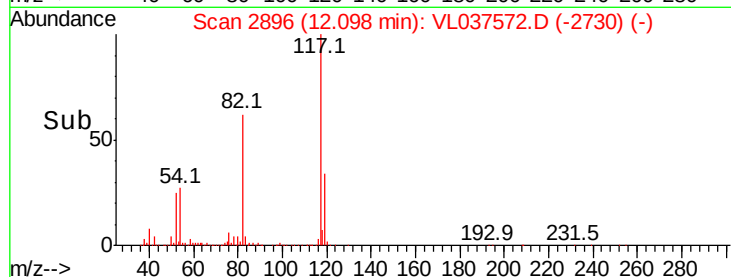
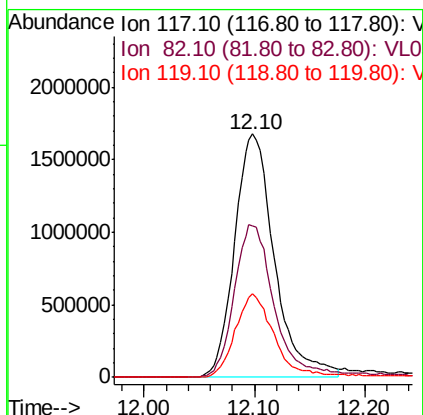
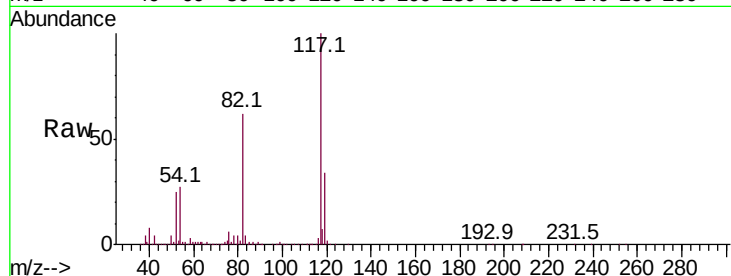




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.04 min
Lab File: VL037572.D
Acq: 8 Sep 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
QC090721 CAN 10058

Tot Ion:117 Resp: 4207269
Ion Ratio Lower Upper
117 100
82 66.9 52.9 79.3
119 34.1 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.163 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.04 min
Lab File: VL037572.D
Acq: 8 Sep 2021 14:56

Tgt Ion: 95 Resp: 3037650
Ion Ratio Lower Upper
95 100
174 71.4 59.6 89.4
175 5.8 4.6 7.0

