

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037556.D
 Acq On : 7 Sep 2021 18:24
 Operator : SY/AP
 Sample : CAN 10198
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10198

Quant Time: Sep 08 11:11:09 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	1681545	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4859696	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4269778	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3129455	10.32	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

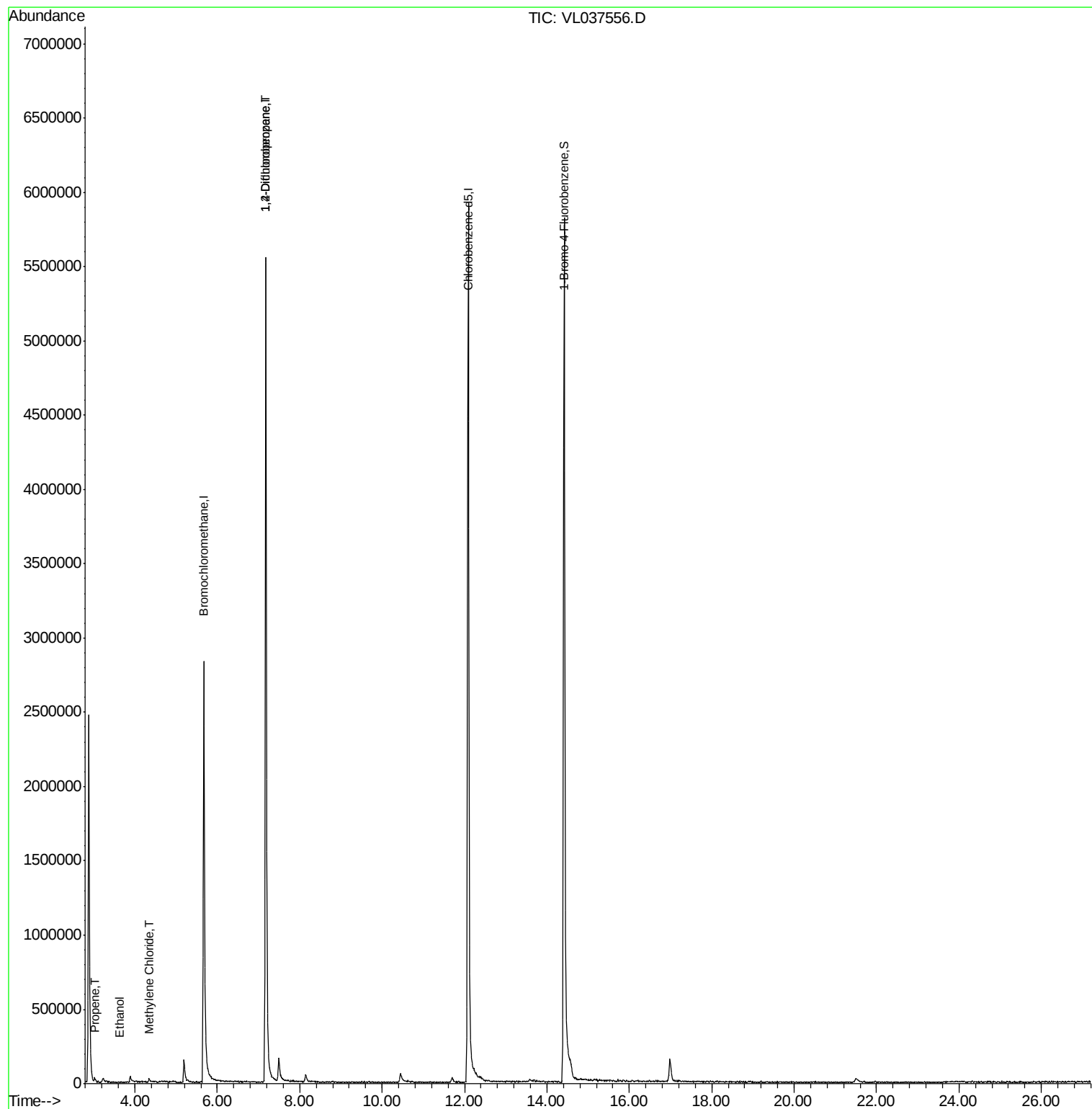
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	5173	0.045	ppbv #	16
13) Ethanol	3.62	45	408	0.036	ppbv	76
20) Methylene Chloride	4.35	84	8603	0.100	ppbv #	79
39) 1,2-Dichloropropane	7.18	63	1163206	7.410	ppbv #	27

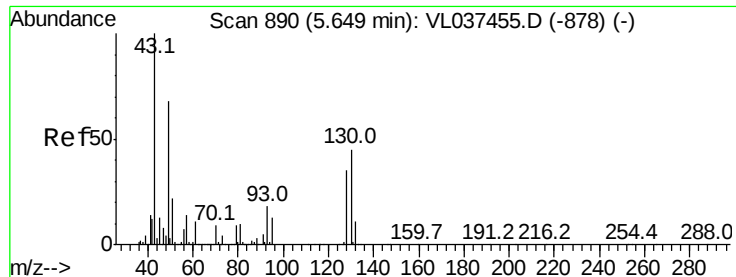
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037556.D

Acq: 7 Sep 2021 18:24

Instrument :

MSVOA_L

ClientSampleId :

CAN 10198

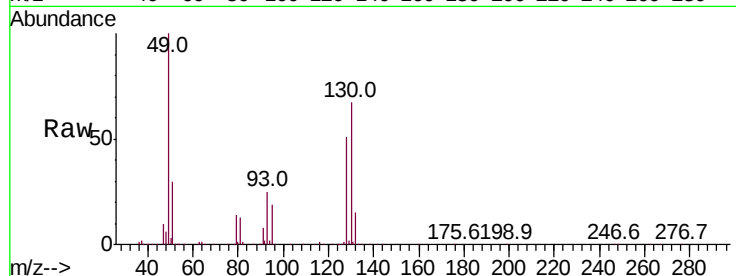
Tot Ion: 49 Resp: 1681545

Ion Ratio Lower Upper

49 100

128 54.3 27.5 82.4

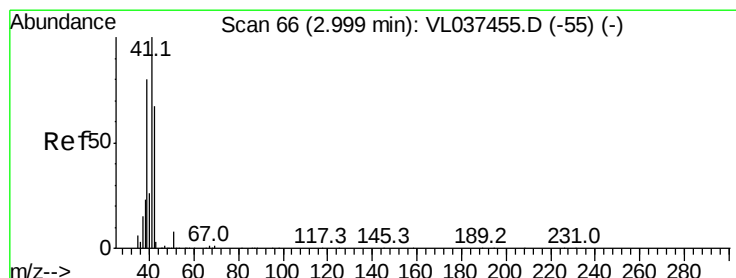
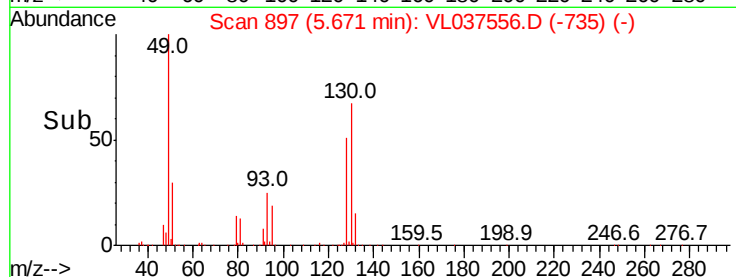
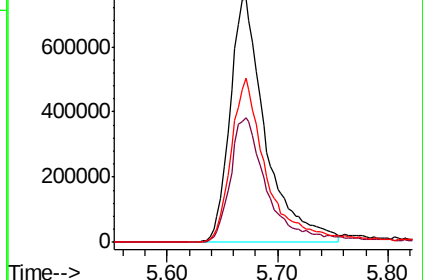
130 68.4 34.0 101.8



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



#9

Propene

Concen: 0.045 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037556.D

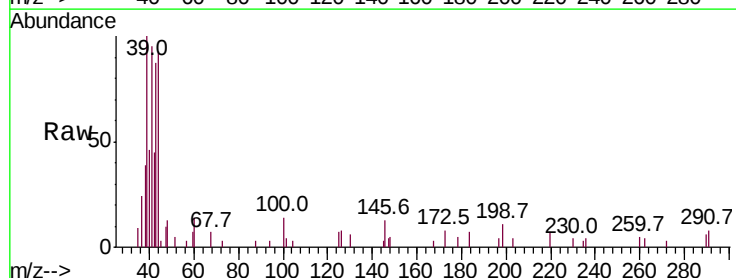
Acq: 7 Sep 2021 18:24

Tgt Ion: 41 Resp: 5173

Ion Ratio Lower Upper

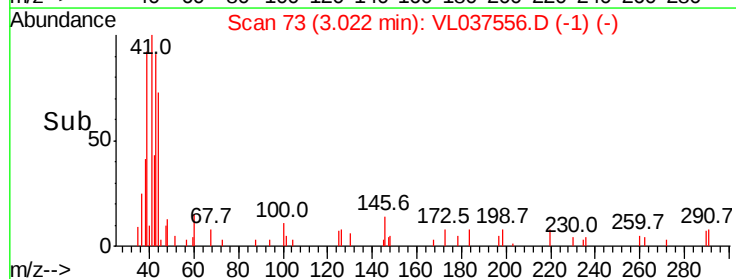
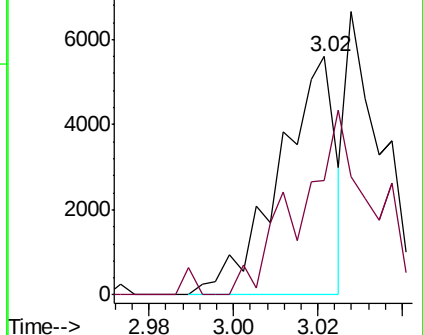
41 100

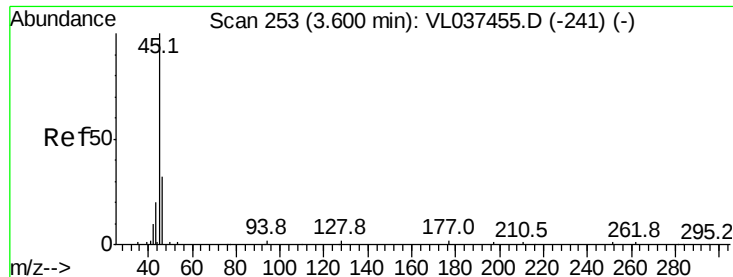
42 0.0 53.7 80.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

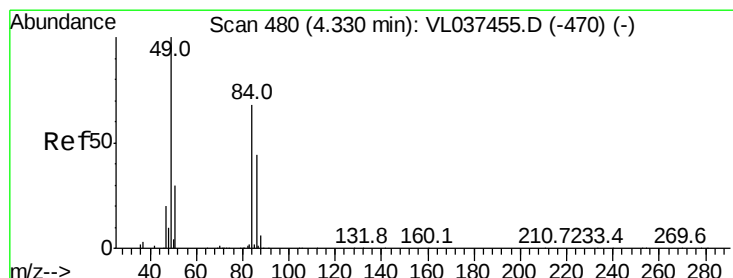
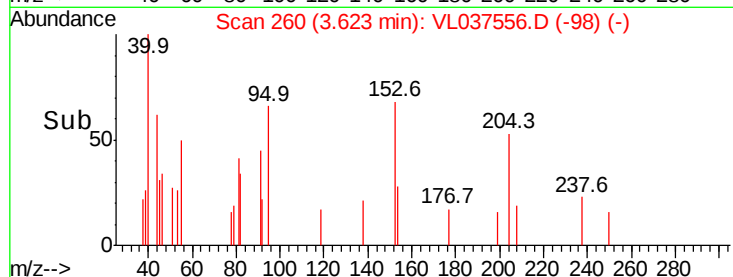
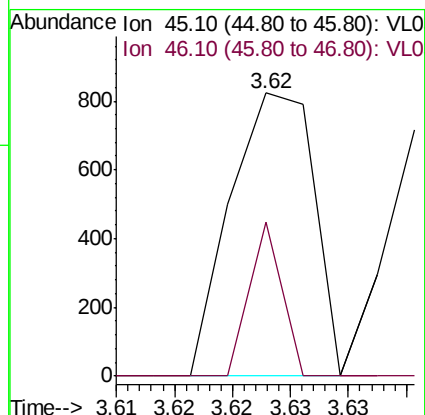
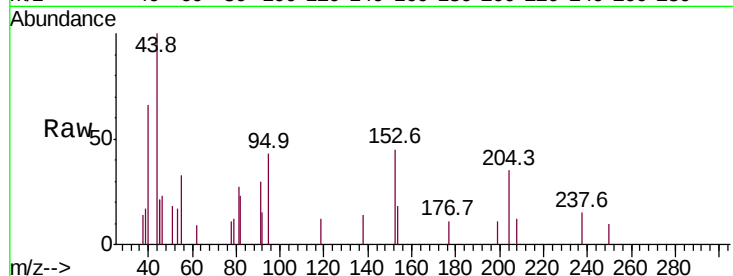




#13
Ethanol
Concen: 0.036 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL037556.D
Acq: 7 Sep 2021 18:24

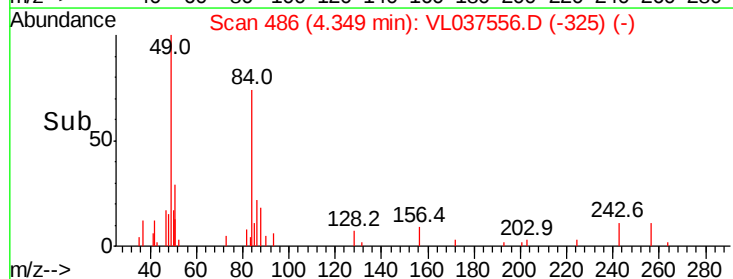
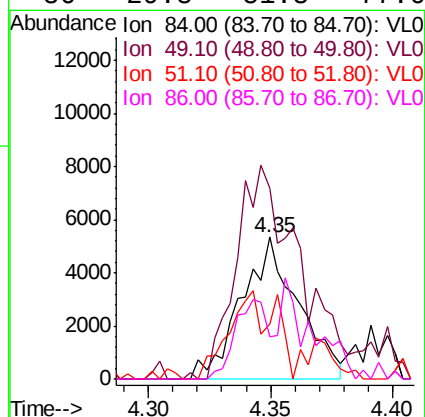
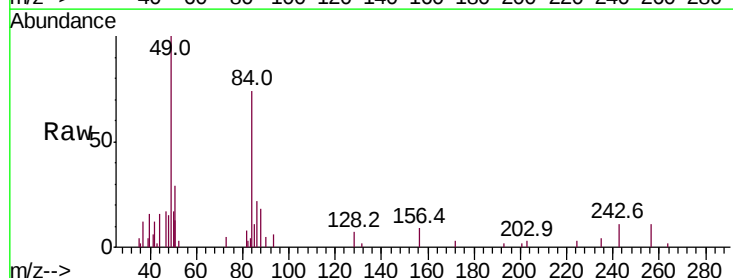
Instrument :
MSVOA_L
ClientSampled :
CAN 10198

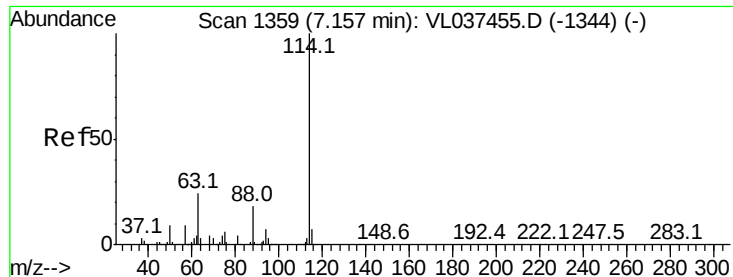
Tot Ion: 45 Resp: 408
Ion Ratio Lower Upper
45 100
46 21.3 14.1 56.5



#20
Methylene Chloride
Concen: 0.100 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL037556.D
Acq: 7 Sep 2021 18:24

Tgt Ion: 84 Resp: 8603
Ion Ratio Lower Upper
84 100
49 130.5 118.2 177.2
51 39.0 36.6 55.0
86 29.8 51.8 77.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.02 min

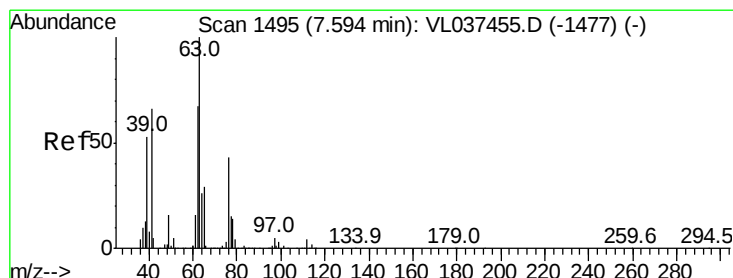
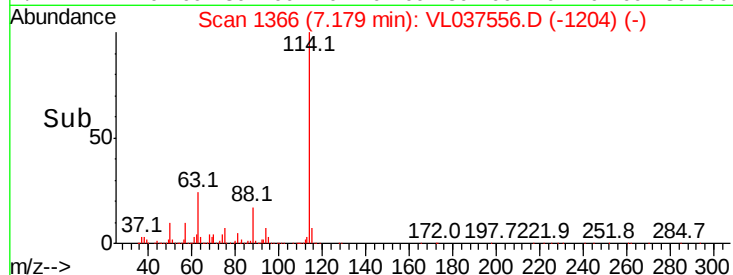
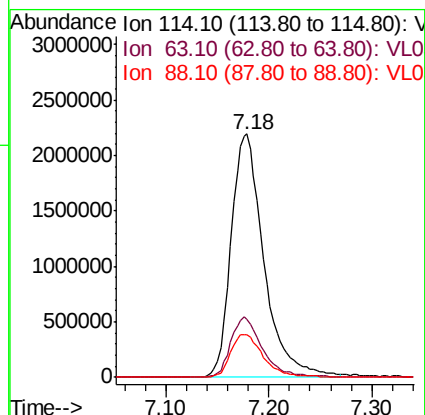
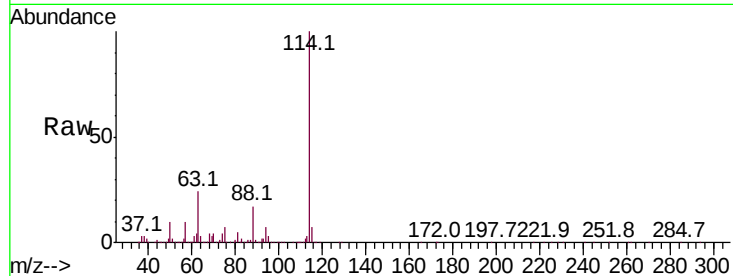
Lab File: VL037556.D

Acq: 7 Sep 2021 18:24

Instrument :
MSVOA_L
ClientSampleId :
CAN 10198

Tot Ion:114 Resp: 4859696

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.3	28.9
88	17.9	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.410 ppbv

RT: 7.18 min Scan# 1365

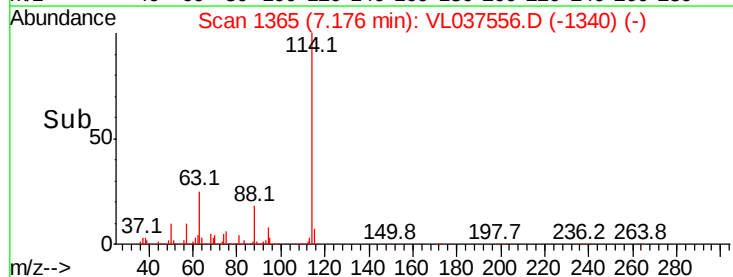
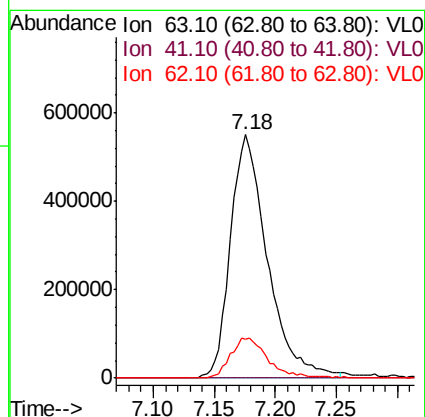
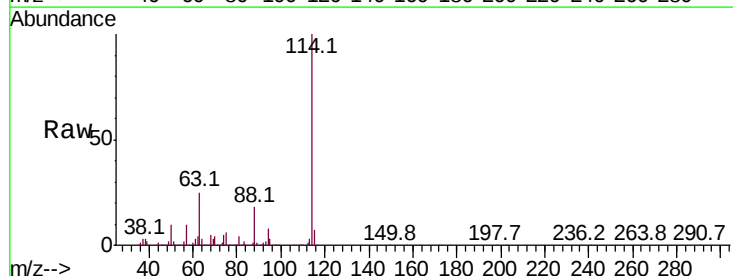
Delta R.T. -0.42 min

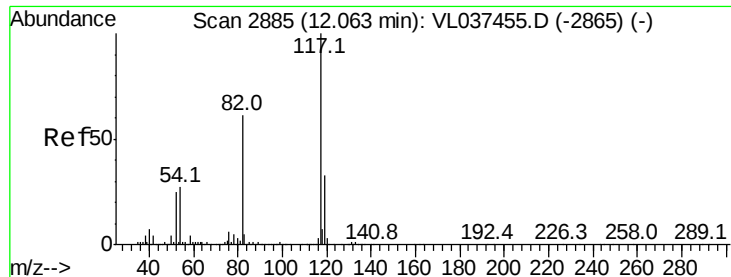
Lab File: VL037556.D

Acq: 7 Sep 2021 18:24

Tgt Ion: 63 Resp: 1163206

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	15.8	53.6	80.4#

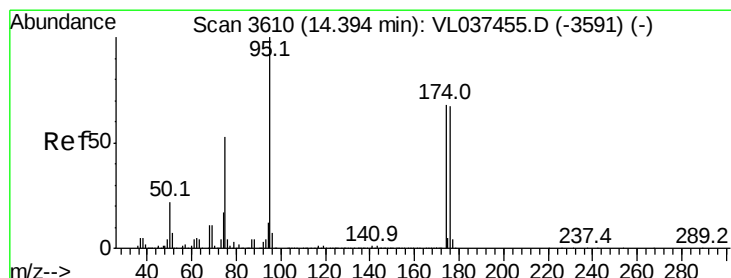
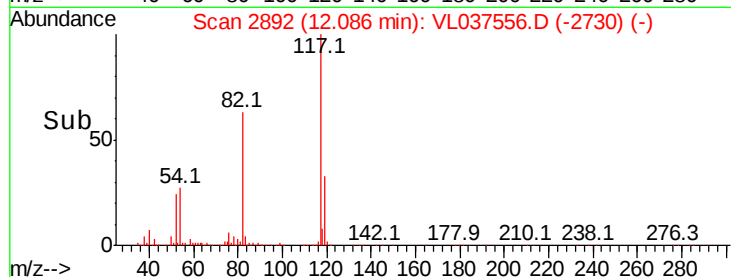
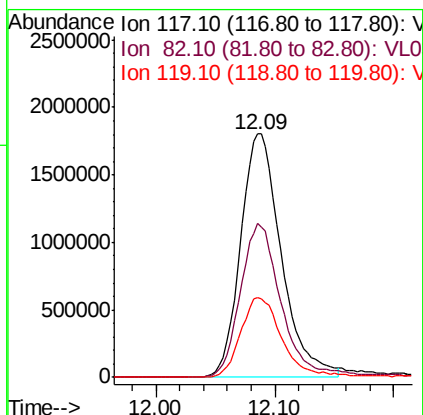
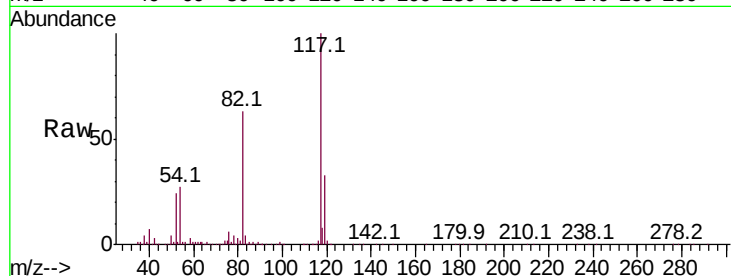




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037556.D
Acq: 7 Sep 2021 18:24

Instrument :
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Tot Ion:117 Resp: 4269778
Ion Ratio Lower Upper
117 100
82 65.2 52.9 79.3
119 34.8 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.316 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037556.D
Acq: 7 Sep 2021 18:24

Tgt Ion: 95 Resp: 3129455
Ion Ratio Lower Upper
95 100
174 74.7 59.6 89.4
175 5.7 4.6 7.0

