

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037557.D
 Acq On : 7 Sep 2021 19:01
 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 11:11:15 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	1590066	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4906905	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4182055	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3079093	10.36	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

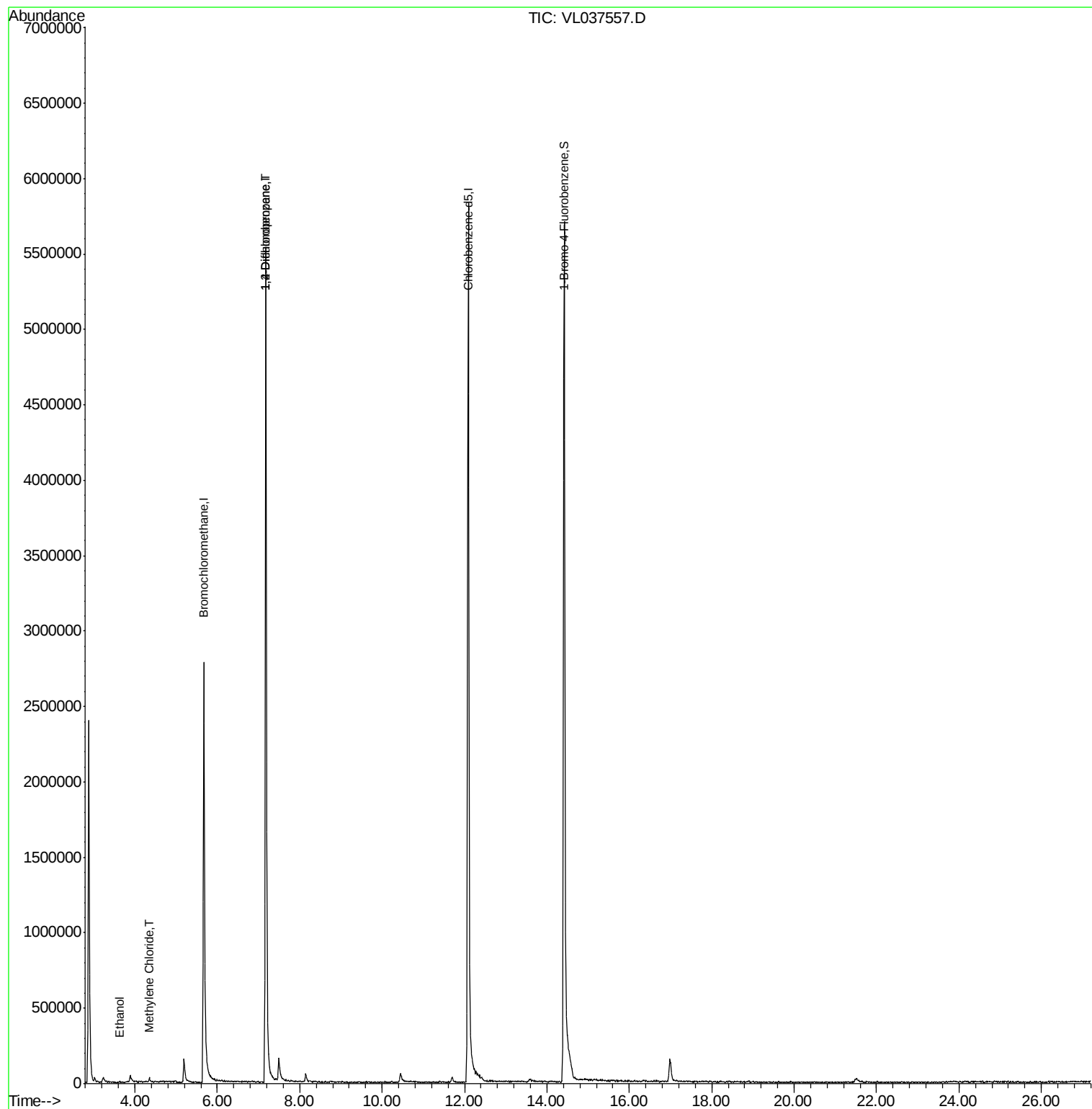
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	565	0.053	ppbv #	39
20) Methylene Chloride	4.35	84	4816	0.059	ppbv #	54
39) 1,2-Dichloropropane	7.18	63	1128267	7.118	ppbv #	26

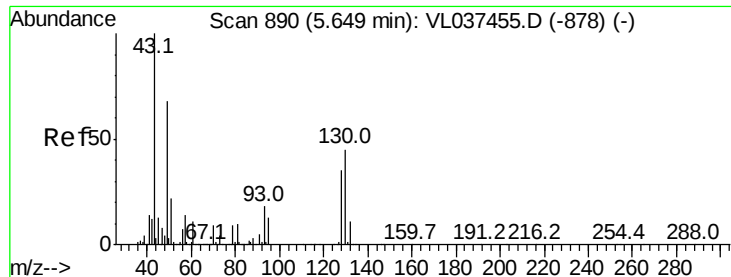
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037557.D

Acq: 7 Sep 2021 19:01

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MSVOA_L

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CAN 10198

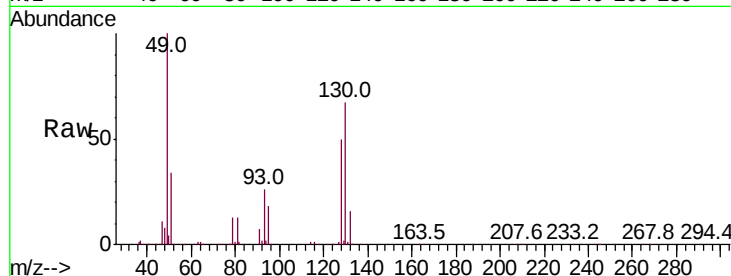
Tot Ion: 49 Resp: 1590066

Ion Ratio Lower Upper

49 100

128 56.7 27.5 82.4

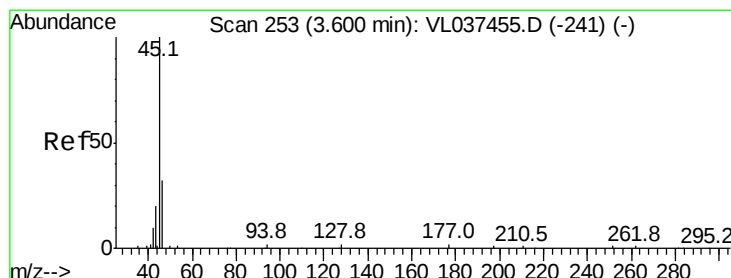
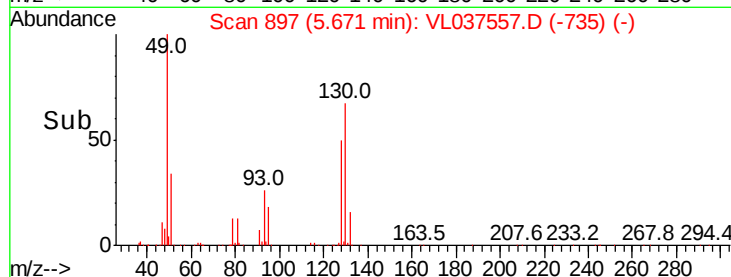
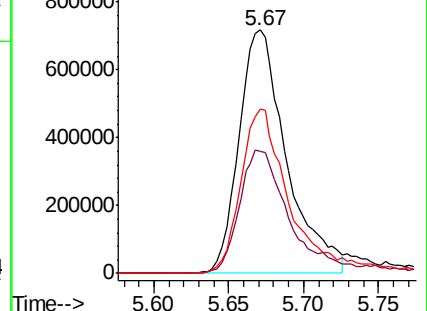
130 73.0 34.0 101.8



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



#13

Ethanol

Concen: 0.053 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL037557.D

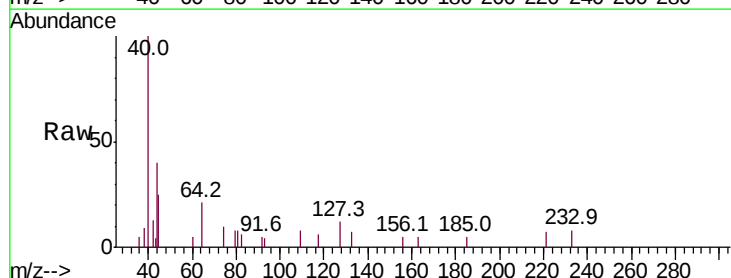
Acq: 7 Sep 2021 19:01

Tgt Ion: 45 Resp: 565

Ion Ratio Lower Upper

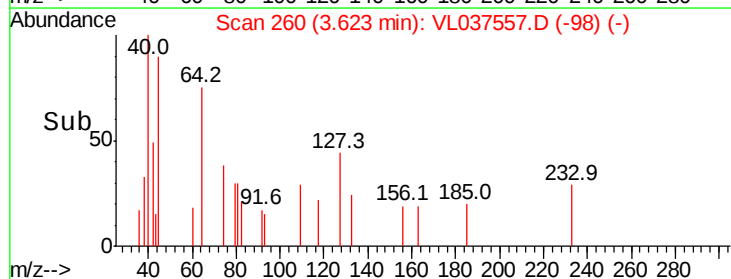
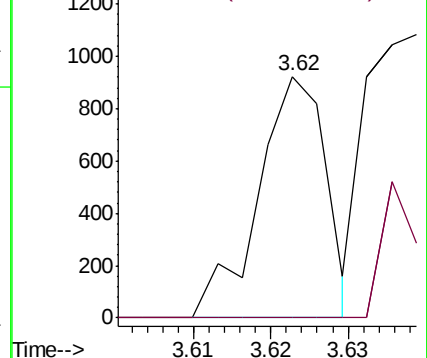
45 100

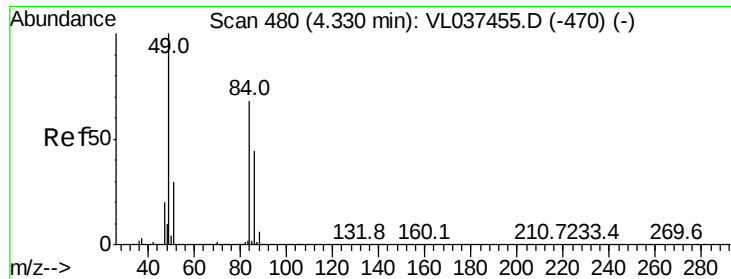
46 0.0 14.1 56.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

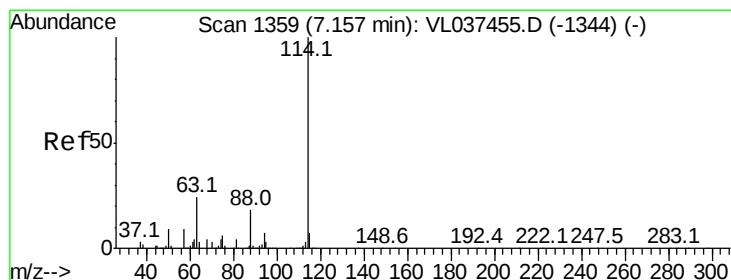
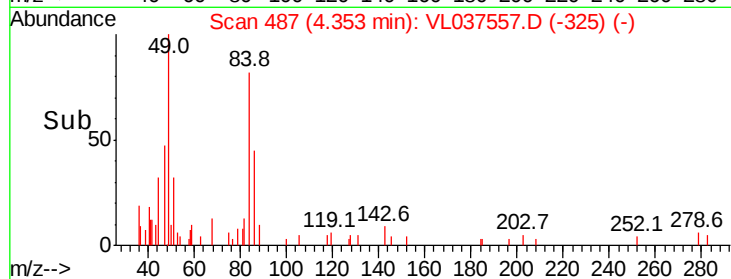
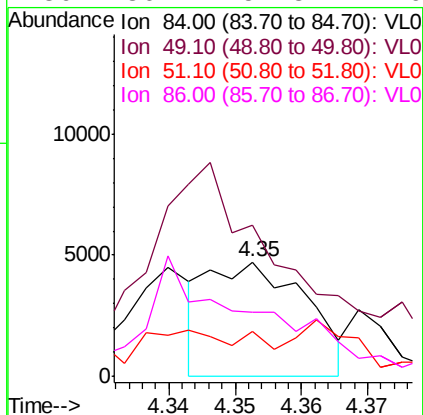
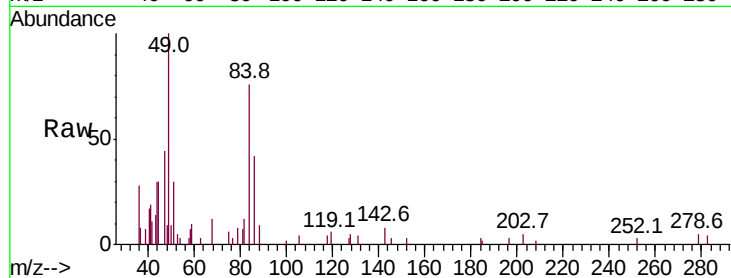




#20
Methylene Chloride
Concen: 0.059 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037557.D
Acq: 7 Sep 2021 19:01

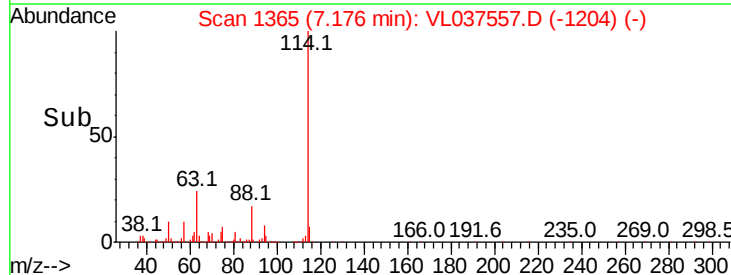
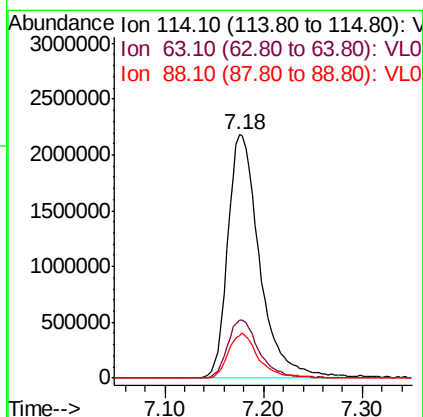
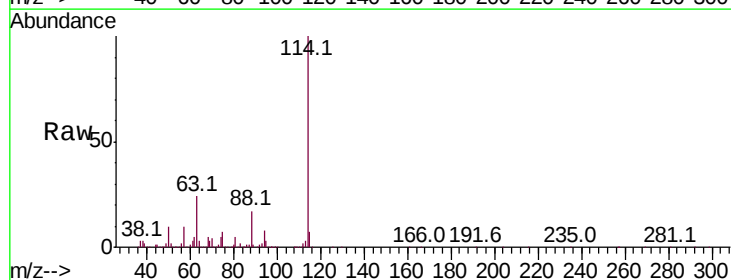
Instrument :
MSVOA_L
ClientSampleId :
CAN 10198

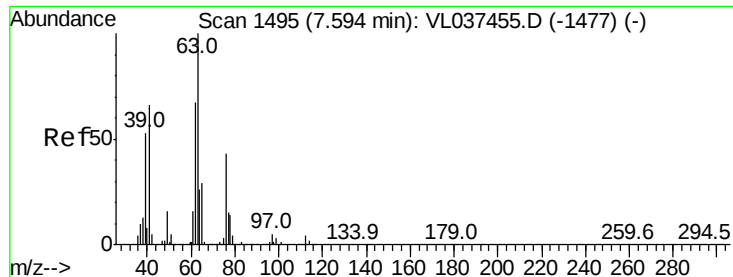
Tot Ion: 84 Resp: 4816
Ion Ratio Lower Upper
84 100
49 88.2 118.2 177.2#
51 7.6 36.6 55.0#
86 36.2 51.8 77.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL037557.D
Acq: 7 Sep 2021 19:01

Tgt Ion: 114 Resp: 4906905
Ion Ratio Lower Upper
114 100
63 23.9 19.3 28.9
88 17.8 14.2 21.4



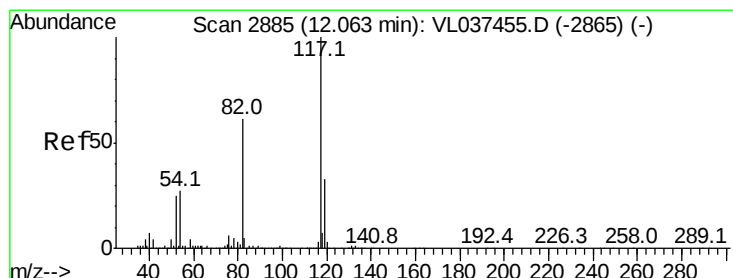
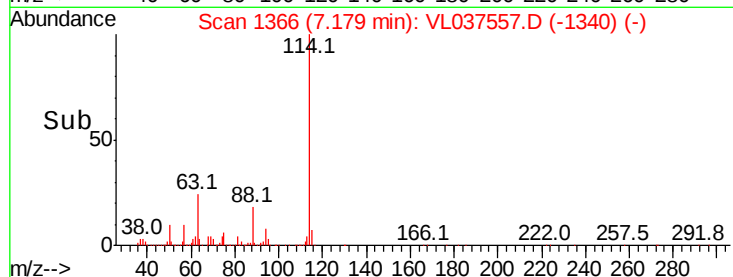
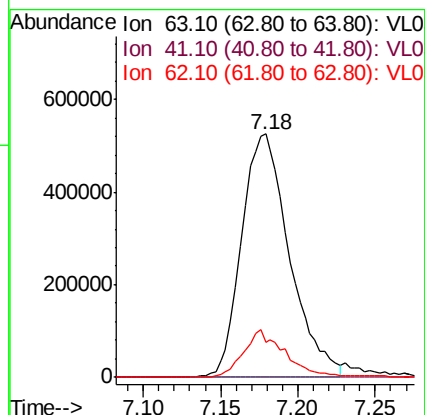
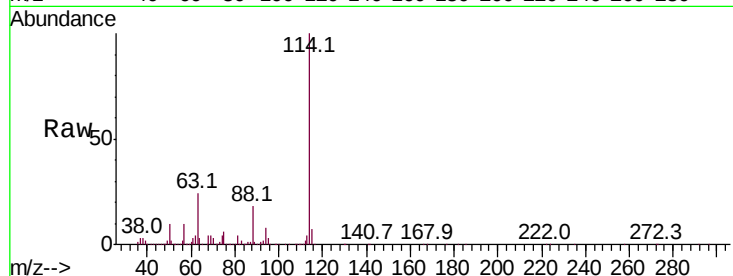


#39
 1,2-Dichloropropane
 Concen: 7.118 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.41 min
 Lab File: VL037557.D
 Acq: 7 Sep 2021 19:01

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10198

Tot Ion: 63 Resp: 1128267

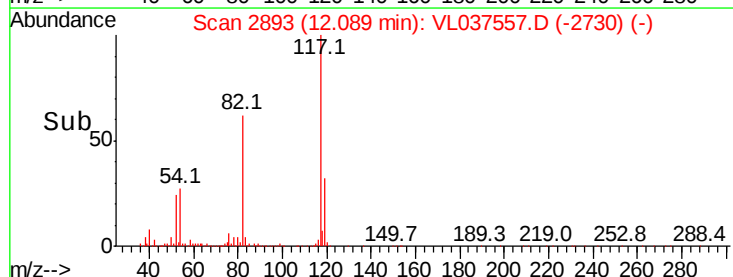
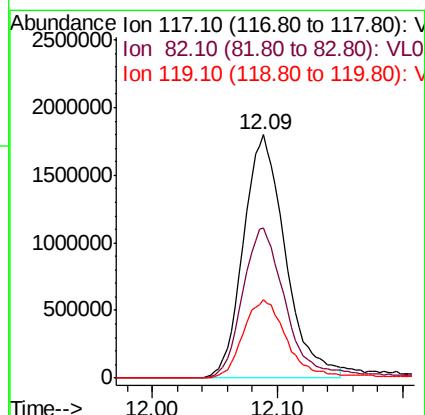
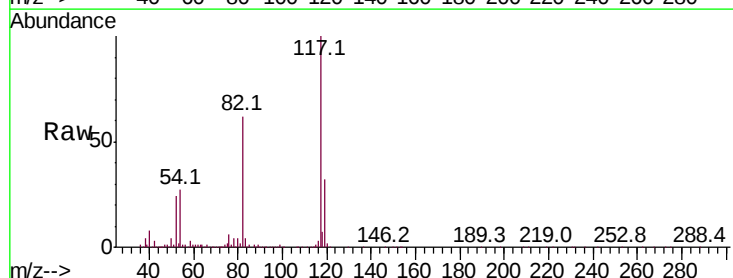
Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.4	78.6#
62	14.5	53.6	80.4#

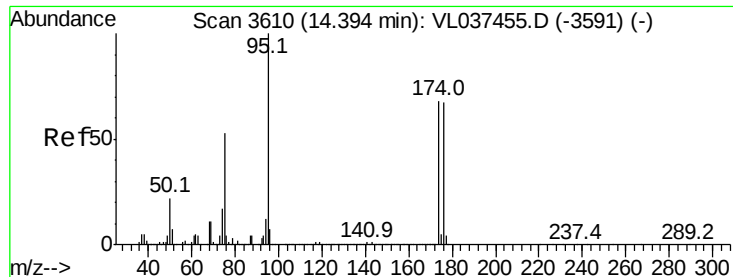


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. 0.03 min
 Lab File: VL037557.D
 Acq: 7 Sep 2021 19:01

Tgt Ion: 117 Resp: 4182055

Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.9	79.3
119	34.9	24.8	37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.363 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.02 min

Lab File: VL037557.D

Acq: 7 Sep 2021 19:01

Instrument :

MSVOA_L

ClientSampleId :

CAN 10198

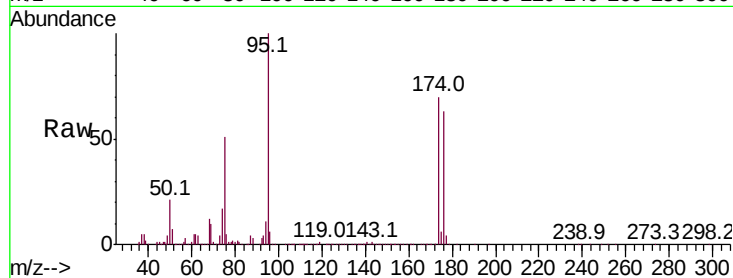
Tot Ion: 95 Resp: 3079093

Ion Ratio Lower Upper

95 100

174 75.4 59.6 89.4

175 5.4 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

