

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092321\
 Data File : VL037659.D
 Acq On : 23 Sep 2021 12:55
 Operator : SY/AP
 Sample : CAN 10334
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 24 06:36:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1488259	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4387327	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3760038	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2611884	9.61	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

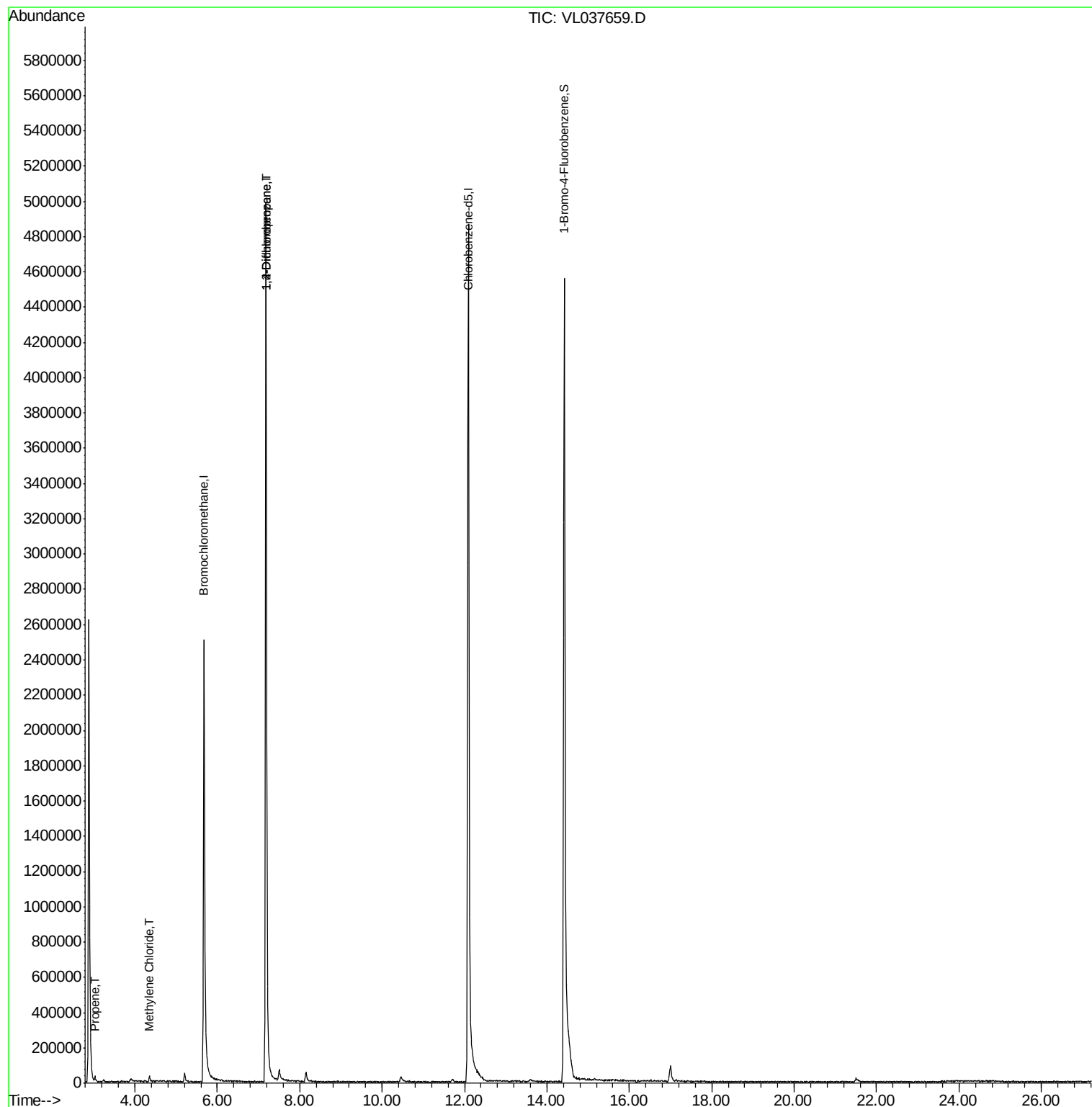
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3780	0.038	ppbv #	7
20) Methylene Chloride	4.35	84	3589	0.049	ppbv	88
39) 1,2-Dichloropropane	7.18	63	1032070	7.365	ppbv #	28

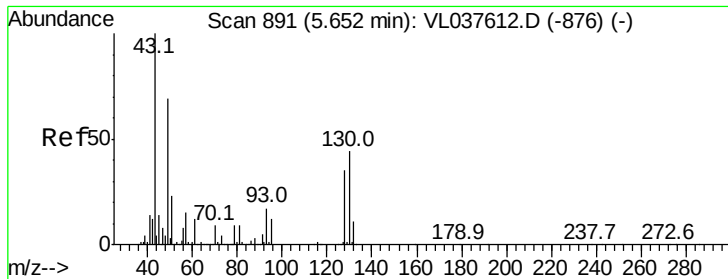
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037659.D

Acq: 23 Sep 2021 12:55

Instrument :

MSVOA_L

ClientSampleId :

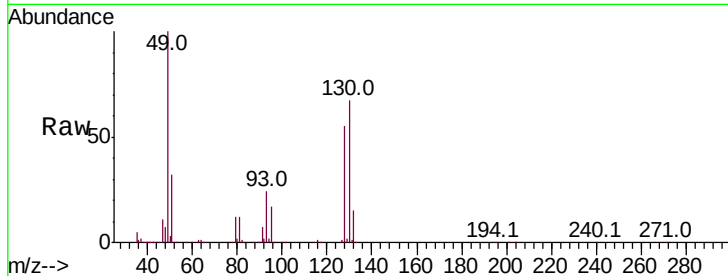
Tot Ion: 49 Resp: 1488259

Ion Ratio Lower Upper

49 100

128 55.9 27.9 83.6

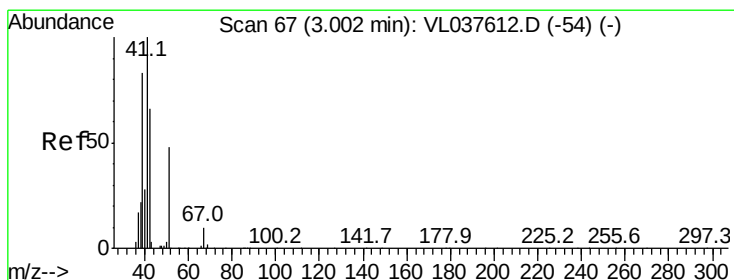
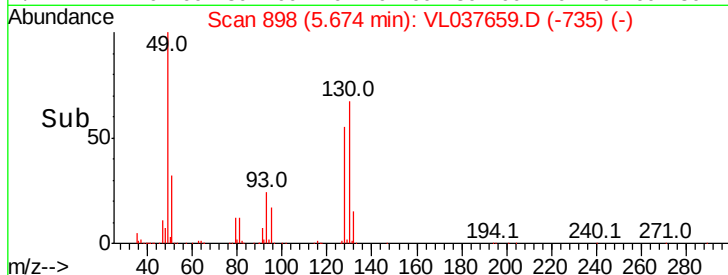
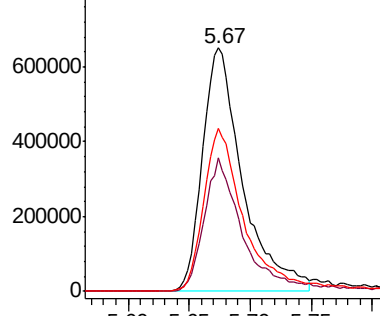
130 69.8 33.9 101.7



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: 0.038 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037659.D

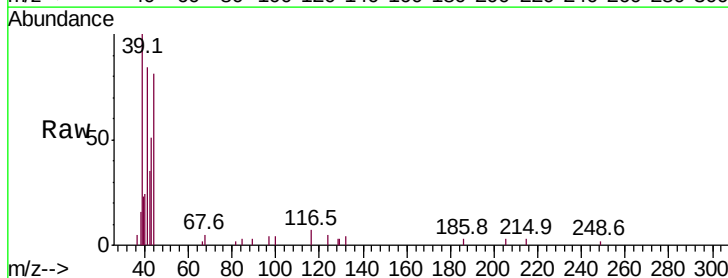
Acq: 23 Sep 2021 12:55

Tgt Ion: 41 Resp: 3780

Ion Ratio Lower Upper

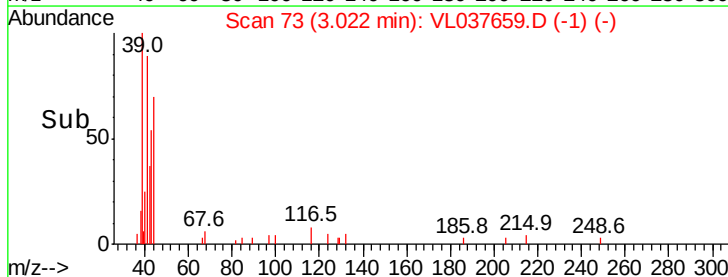
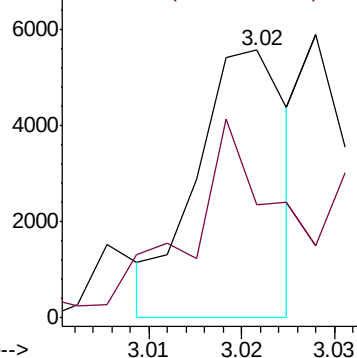
41 100

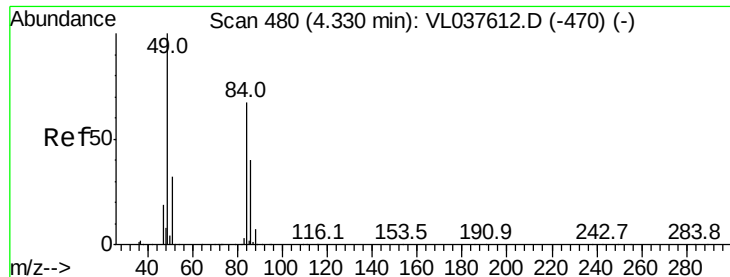
42 148.9 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

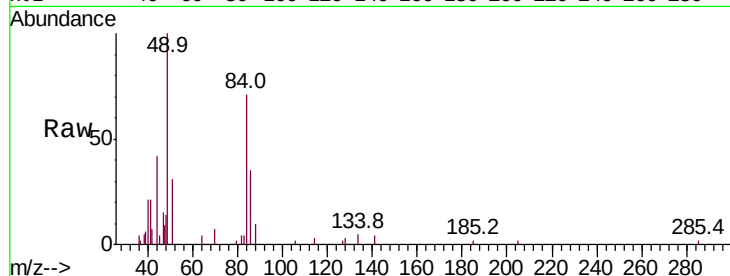




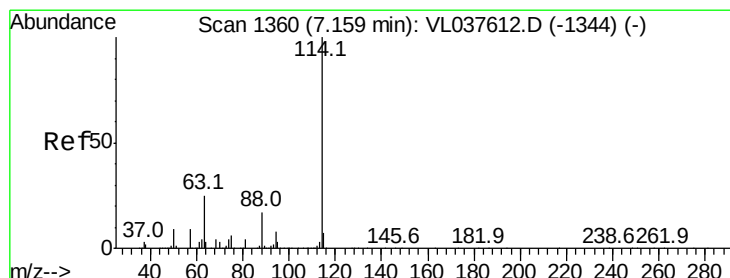
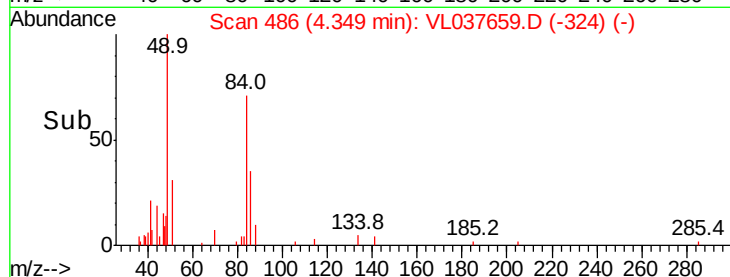
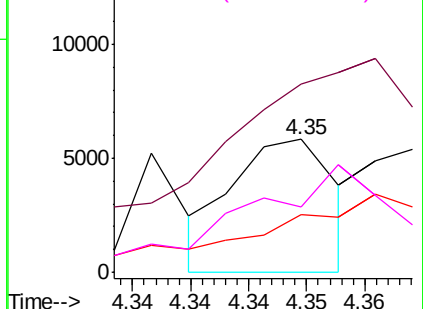
#20
Methylene Chloride
Concen: 0.049 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL037659.D
Acq: 23 Sep 2021 12:55

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	3589
Ion	Ratio	Lower	Upper
84	100		
49	127.6	120.0	180.0
51	45.8	38.0	57.0
86	56.3	48.2	72.2

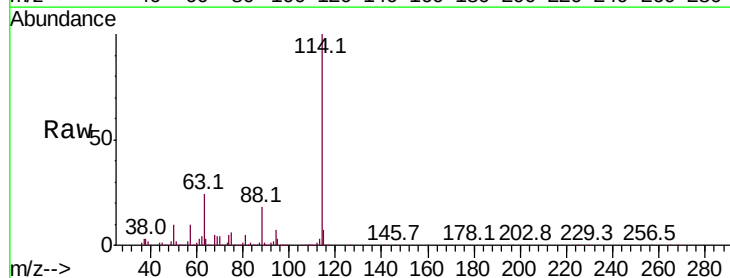


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

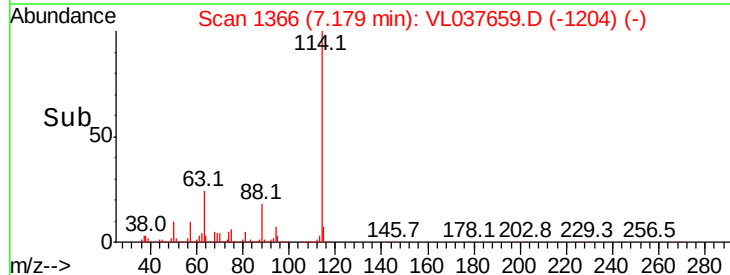
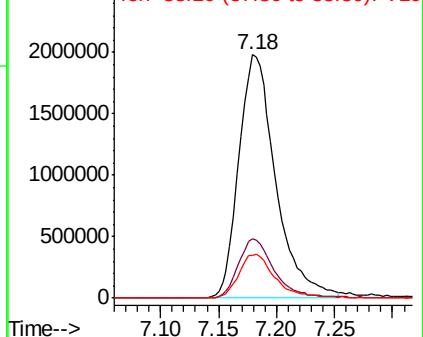


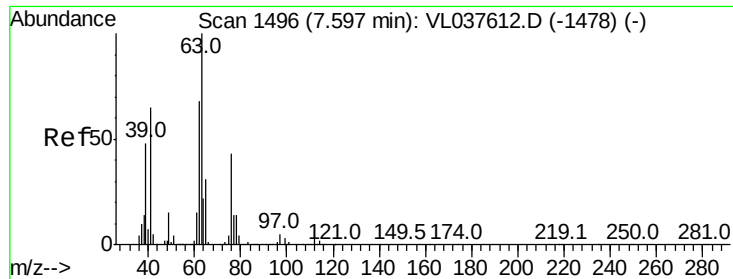
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037659.D
Acq: 23 Sep 2021 12:55

Tgt Ion:	114	Resp:	4387327
Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.6	29.4
88	18.1	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



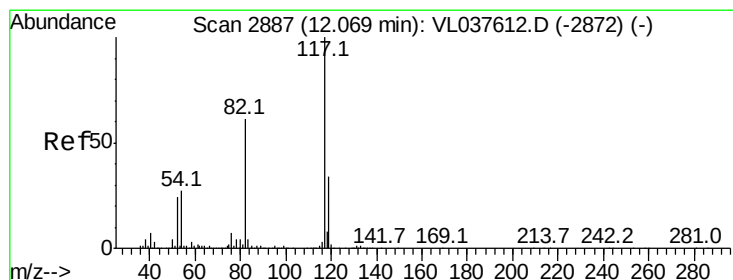
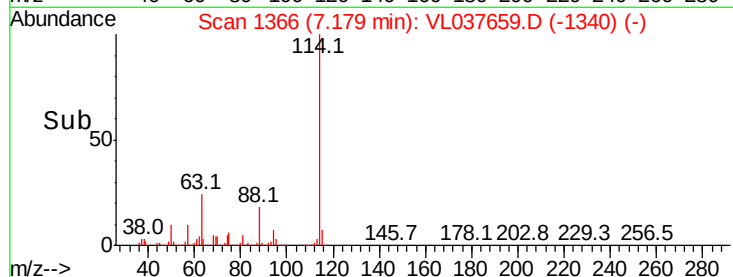
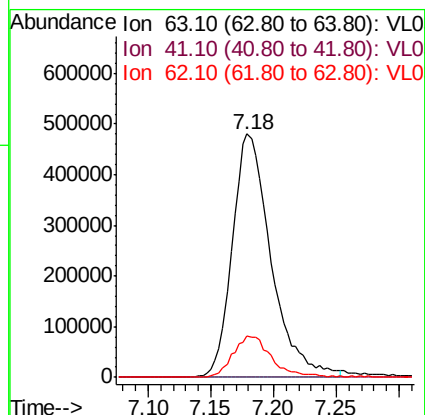
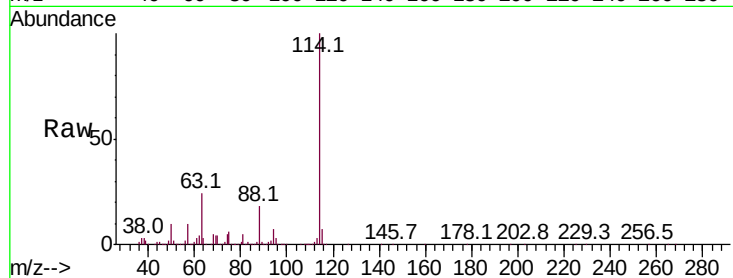


#39
 1,2-Dichloropropane
 Concen: 7.365 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.42 min
 Lab File: VL037659.D
 Acq: 23 Sep 2021 12:55

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 63 Resp: 1032070

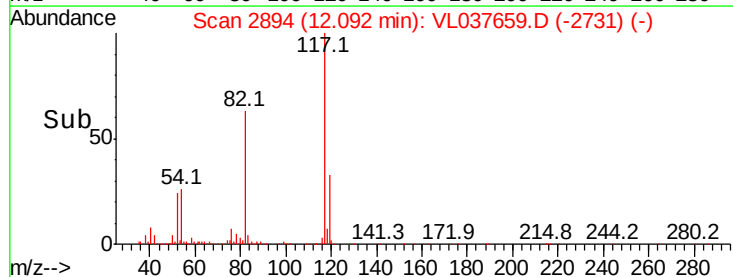
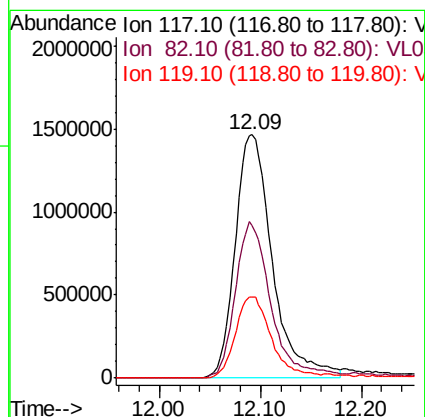
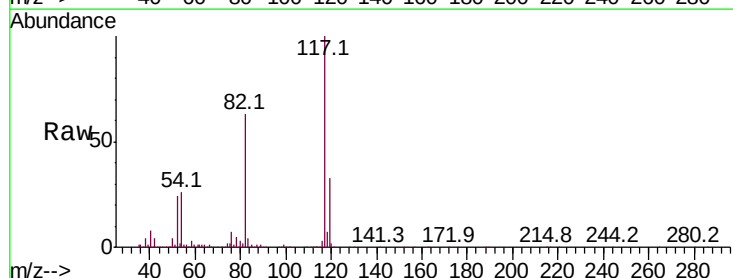
Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	17.1	54.6	81.8#

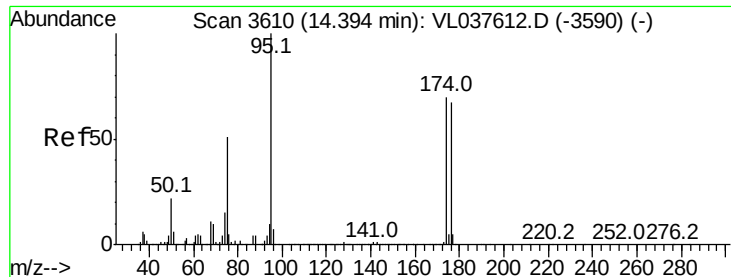


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. 0.02 min
 Lab File: VL037659.D
 Acq: 23 Sep 2021 12:55

Tgt Ion: 117 Resp: 3760038

Ion	Ratio	Lower	Upper
117	100		
82	65.2	50.6	75.8
119	34.0	26.2	39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.612 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037659.D

Acq: 23 Sep 2021 12:55

Instrument :

MSVOA_L

ClientSampleId :

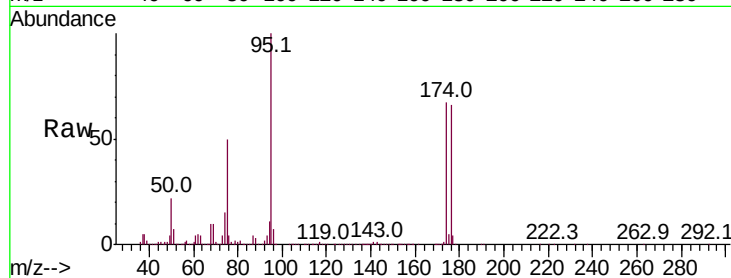
Tot Ion: 95 Resp: 2611884

Ion Ratio Lower Upper

95 100

174 76.7 56.3 84.5

175 6.0 4.4 6.6



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

