

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020321\
 Data File : VL036293.D
 Acq On : 3 Feb 2021 13:28
 Operator : SY/AP
 Sample : VL0203ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 04 01:46:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1617983	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.21	114	3625905	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	3289938	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2794438	10.26	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

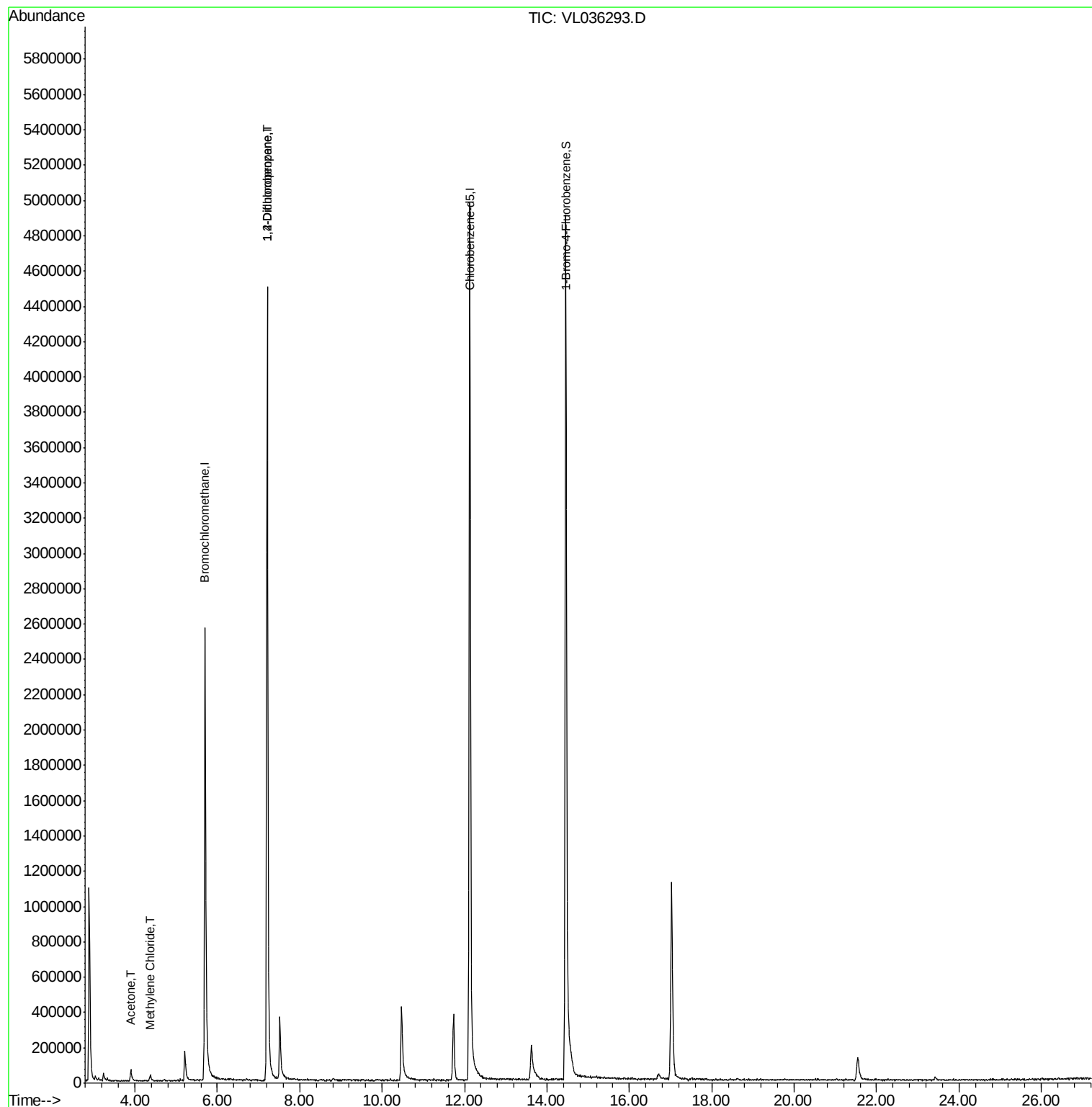
Target Compounds					Ovalue
15) Acetone	3.90	43	42511	0.215 ppbv #	49
20) Methylene Chloride	4.37	84	4963	0.078 ppbv #	76
39) 1,2-Dichloropropane	7.21	63	1071683	7.945 ppbv #	21

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.04 min

Lab File: VL036293.D

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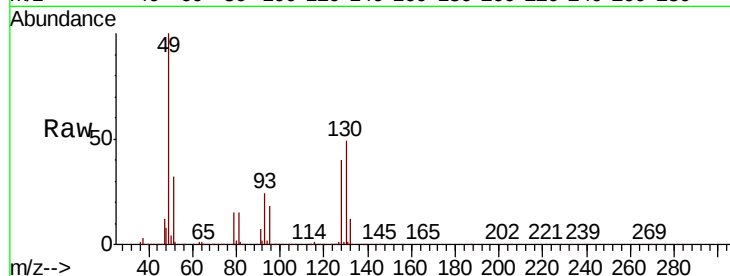
Instrument :

MSVOA_L

ClientSampled :

Tot Ion: 49 Resp: 1617983

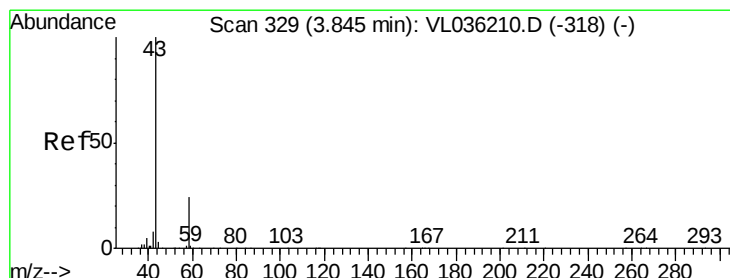
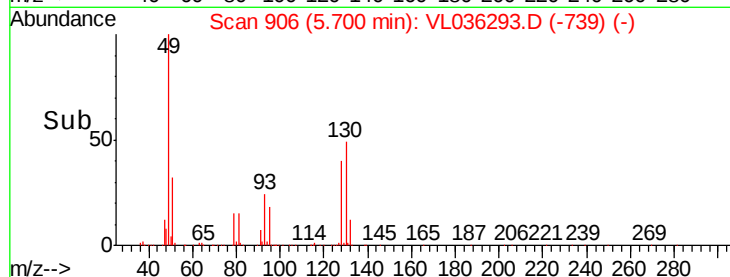
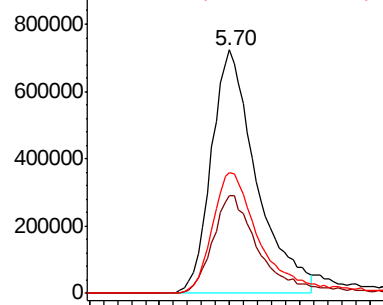
Ion	Ratio	Lower	Upper
49	100		
128	43.0	20.1	60.2
130	54.5	25.3	75.9



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



#15

Acetone

Concen: 0.215 ppbv

RT: 3.90 min Scan# 345

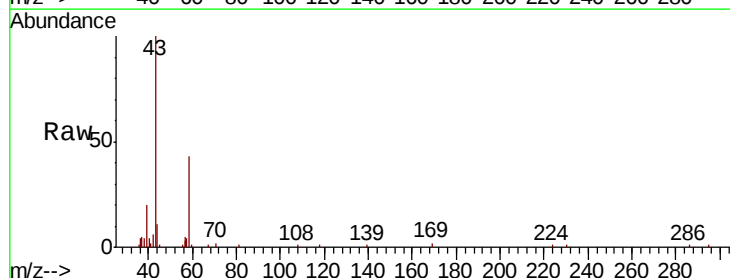
Delta R.T. 0.05 min

Lab File: VL036293.D

Acq: 3 Feb 2021 13:28

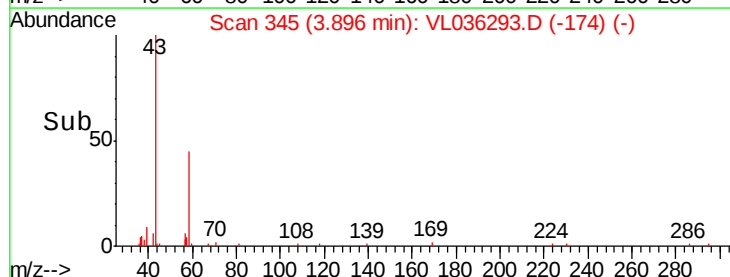
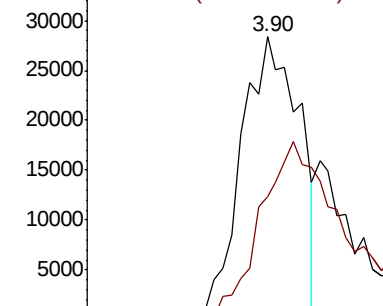
Tgt Ion: 43 Resp: 42511

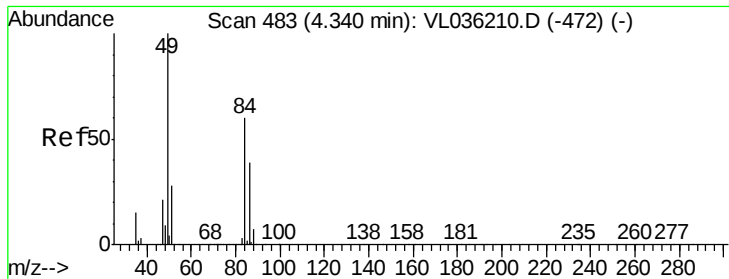
Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

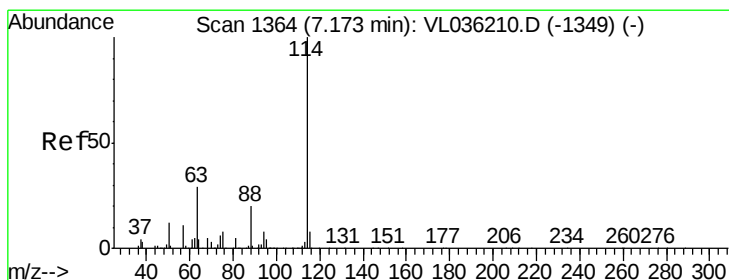
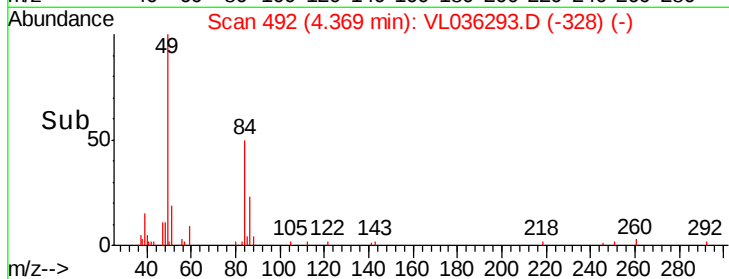
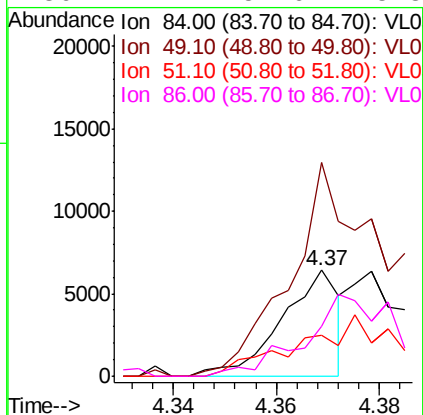
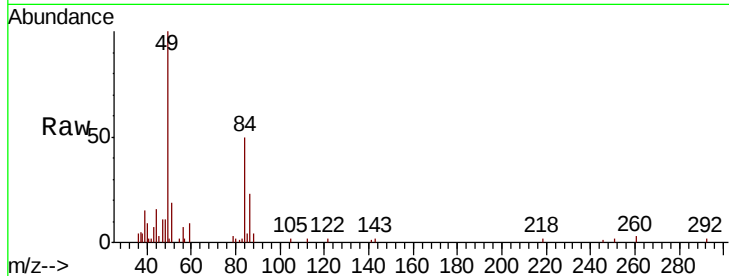




#20
Methvlene Chloride
Concen: 0.078 ppbv
RT: 4.37 min Scan# 492
Delta R.T. 0.03 min
Lab File: VL036293.D
Acq: 3 Feb 2021 13:28

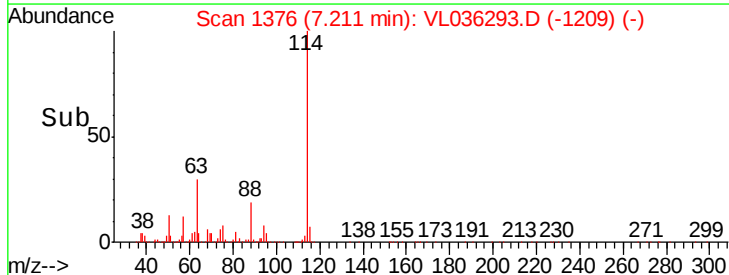
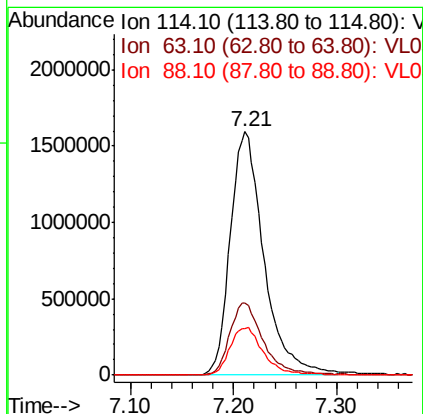
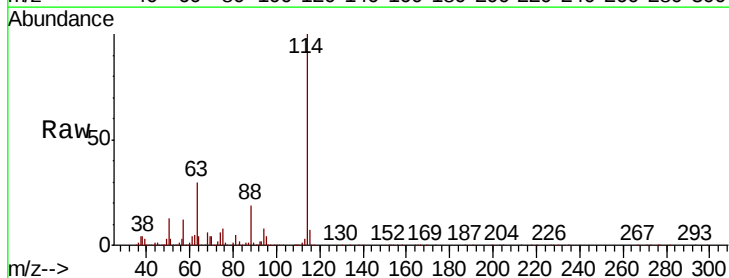
Instrument :
MSVOA_L
ClientSampled :

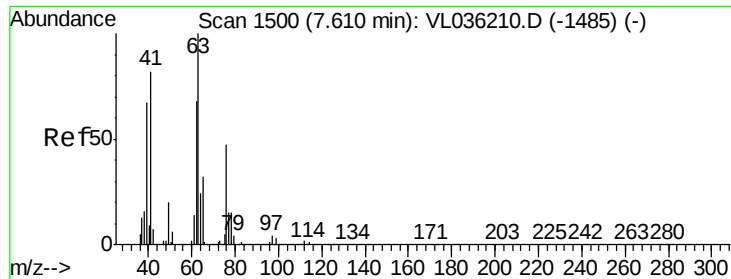
Tot Ion: 84 Resp: 4963
Ion Ratio Lower Upper
84 100
49 205.6 134.1 201.1#
51 38.2 37.4 56.0
86 47.1 52.6 78.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VL036293.D
Acq: 3 Feb 2021 13:28

Tgt Ion: 114 Resp: 3625905
Ion Ratio Lower Upper
114 100
63 30.0 24.7 37.1
88 20.0 16.6 24.8

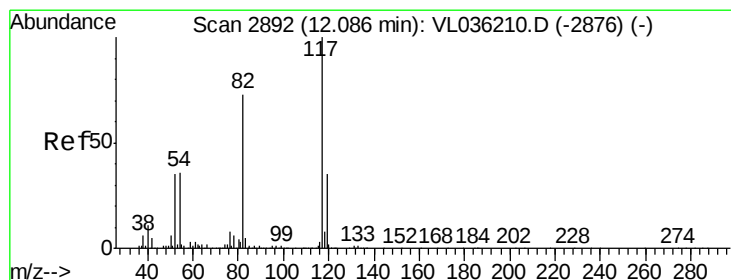
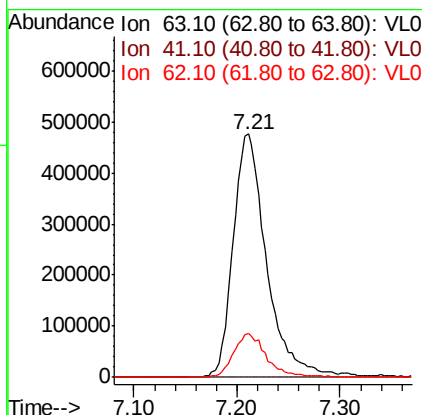
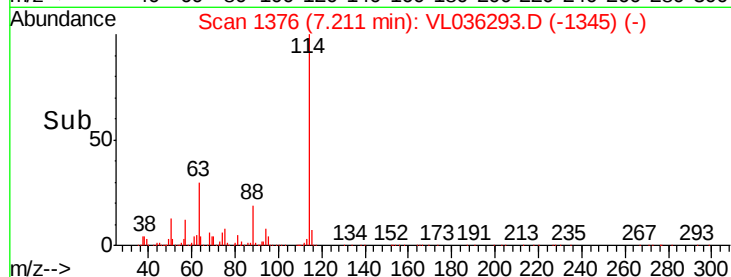
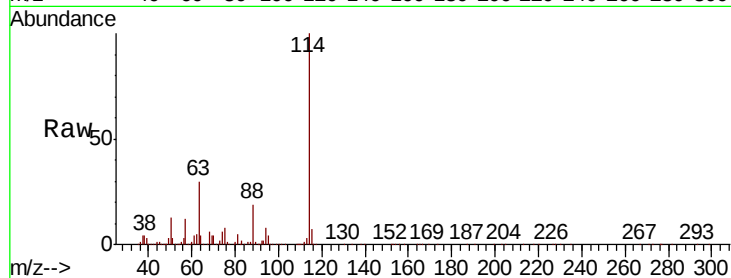




#39
 1,2-Dichloropropane
 Concen: 7.945 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.40 min
 Lab File: VL036293.D
 Acq: 3 Feb 2021 13:28

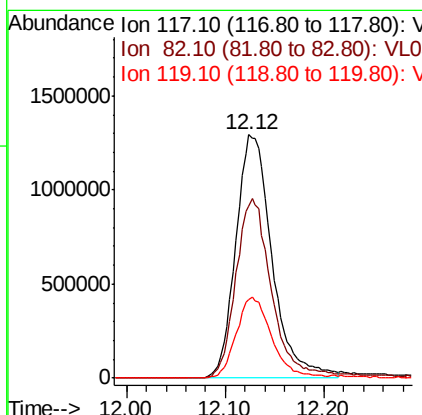
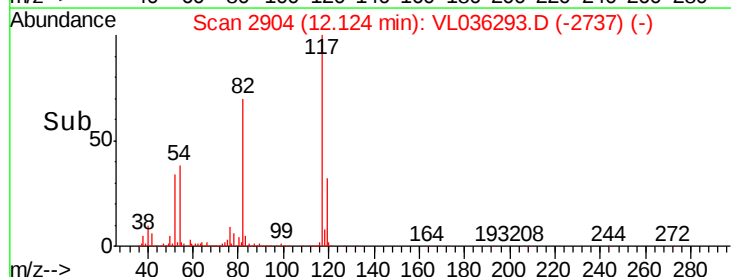
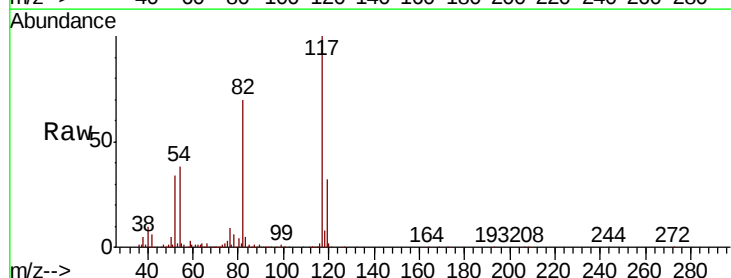
Instrument :
 MSVOA_L
 ClientSampleId :

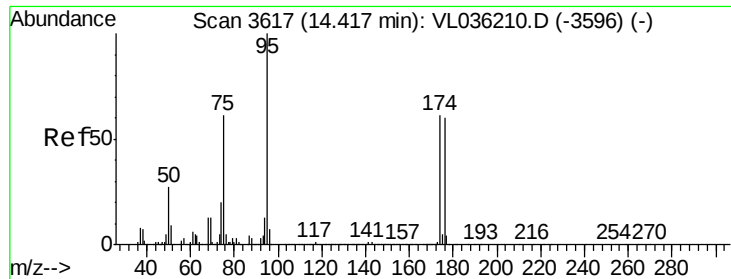
Tot Ion: 63 Resp: 1071683
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 17.8 54.8 82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T. 0.04 min
 Lab File: VL036293.D
 Acq: 3 Feb 2021 13:28

Tgt Ion: 117 Resp: 3289938
 Ion Ratio Lower Upper
 117 100
 82 74.9 59.7 89.5
 119 33.4 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.262 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. 0.04 min

Lab File: VL036293.D

Acq: 3 Feb 2021 13:28

Instrument :

MSVOA_L

ClientSampleId :

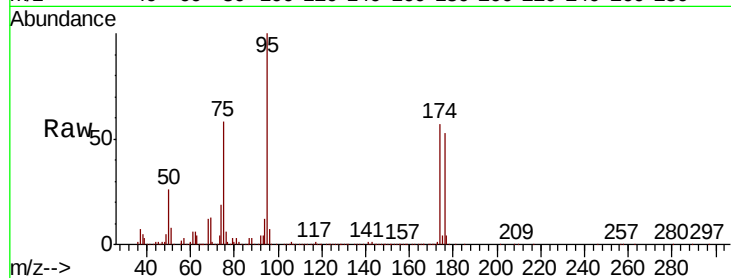
Tot Ion: 95 Resp: 2794438

Ion Ratio Lower Upper

95 100

174 62.0 49.4 74.0

175 4.4 3.8 5.8



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

