

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036267.D
 Acq On : 22 Jan 2021 15:15
 Operator : SY/AP
 Sample : OC010421 CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010421 CAN 10334

Quant Time: Jan 23 04:35:20 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	5.68	49	1542627	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3212663	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2884461	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2449442	10.26	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

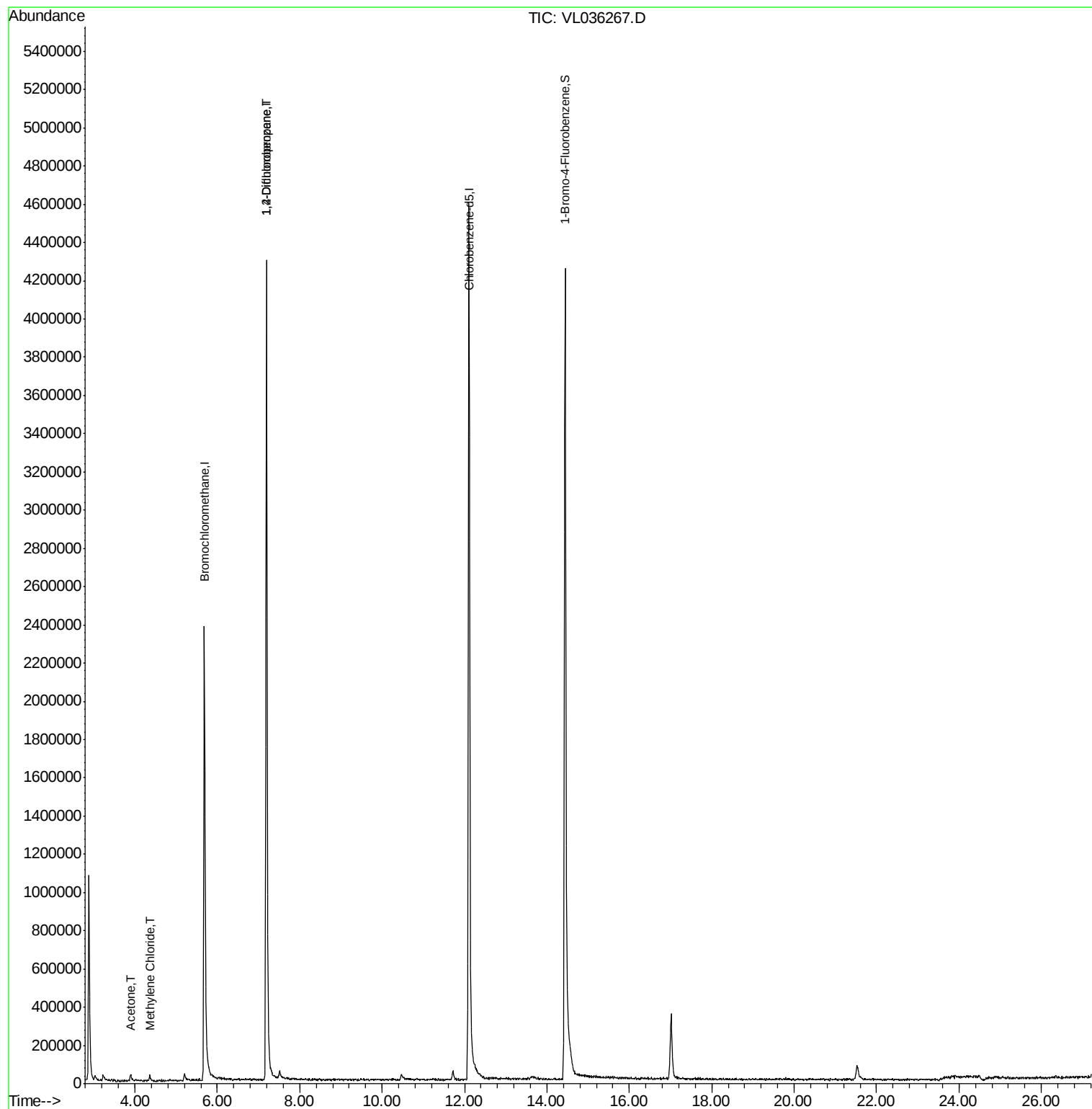
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	9215	0.049	ppbv #	49
20) Methylene Chloride	4.36	84	7829	0.130	ppbv #	68
39) 1,2-Dichloropropane	7.19	63	989451	8.279	ppbv #	22

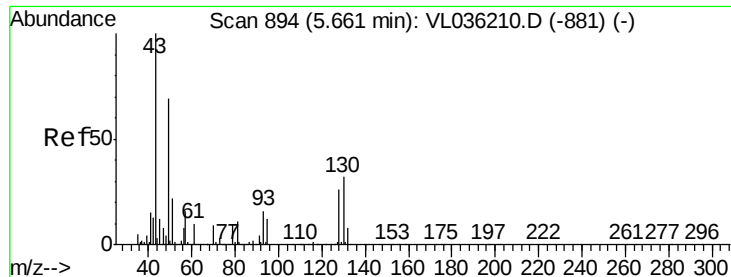
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL036267.D

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Instrument :

MSVOA_L

ClientSampleId :

QC010421 CAN 10334

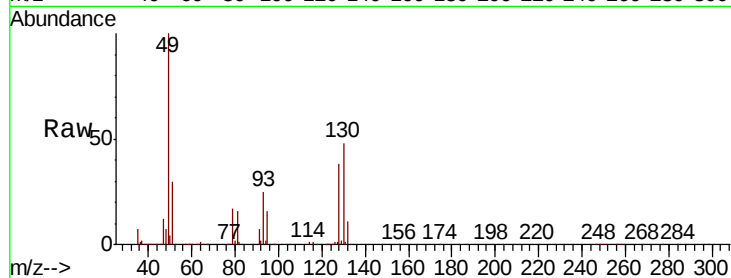
Tot Ion: 49 Resp: 1542627

Ion Ratio Lower Upper

49 100

128 40.5 20.1 60.2

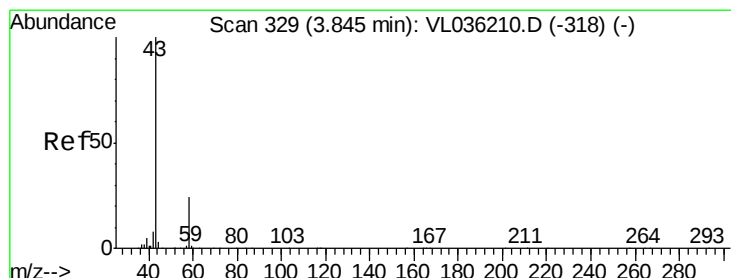
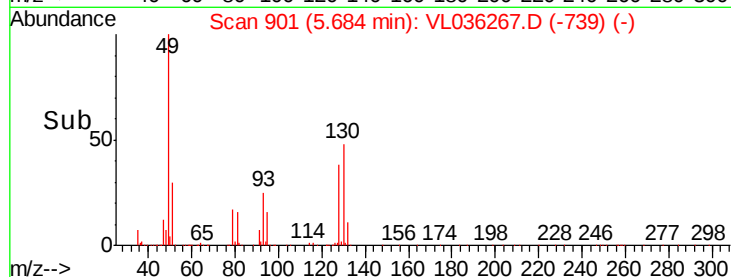
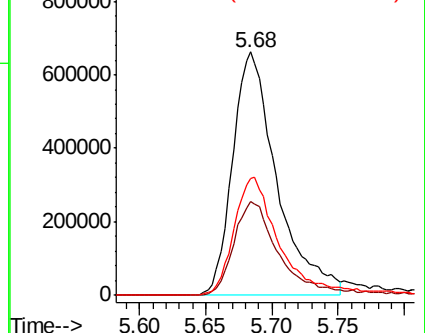
130 52.3 25.3 75.9



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: 0.049 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL036267.D

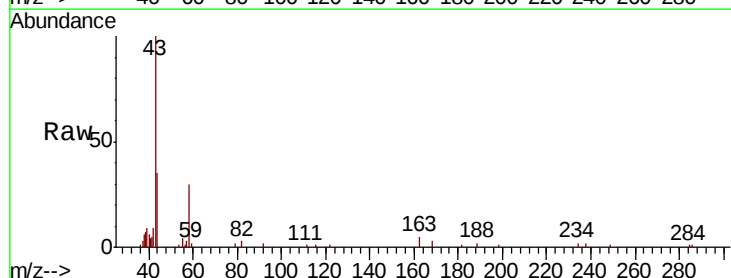
Acq: 22 Jan 2021 15:15

Tgt Ion: 43 Resp: 9215

Ion Ratio Lower Upper

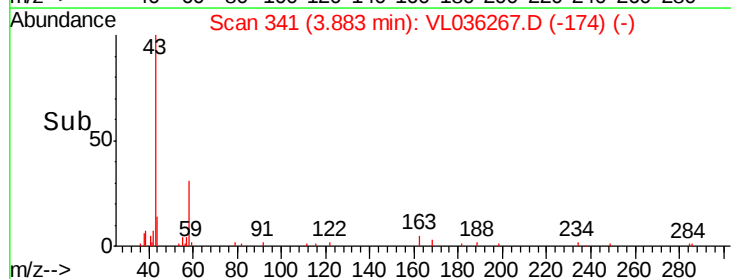
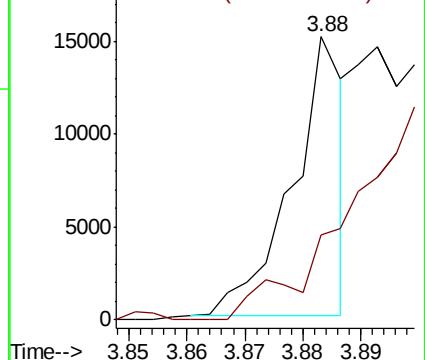
43 100

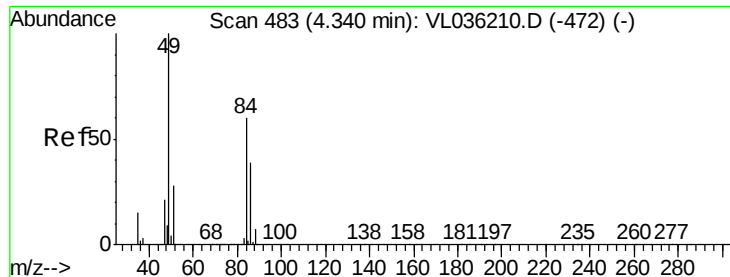
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

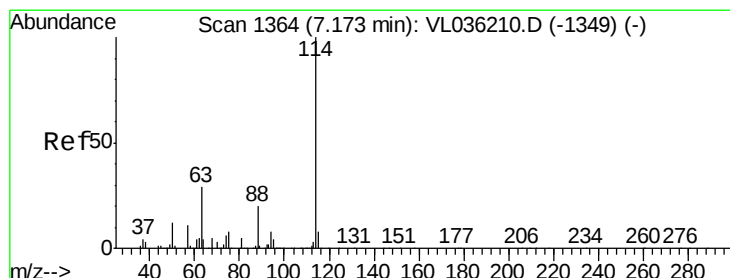
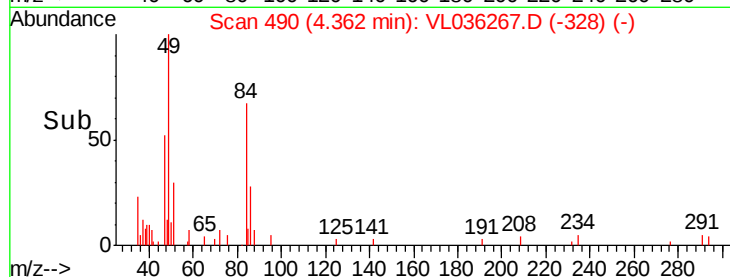
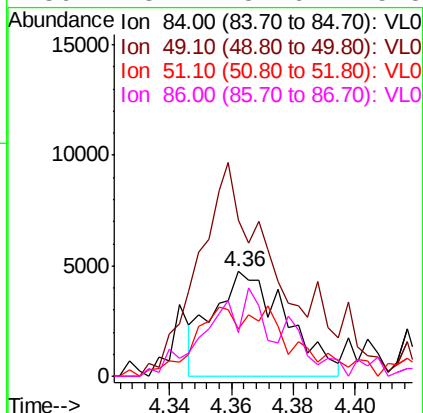
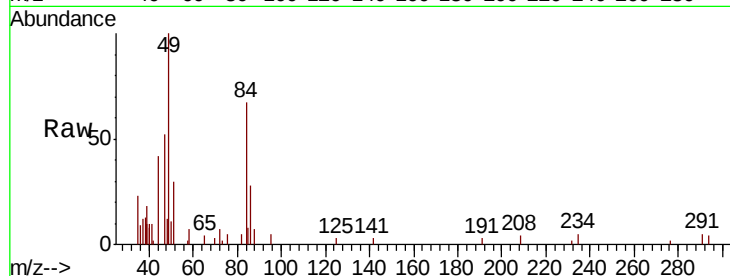




#20
Methylene Chloride
Concen: 0.130 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036267.D
Acq: 22 Jan 2021 15:15

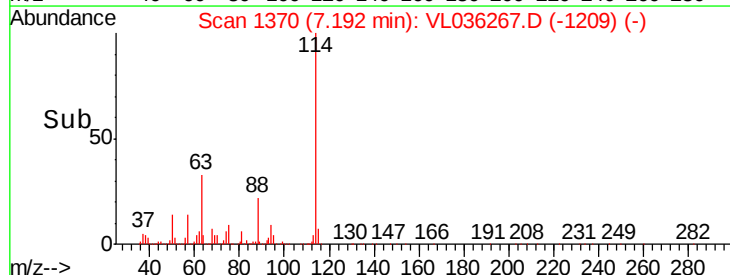
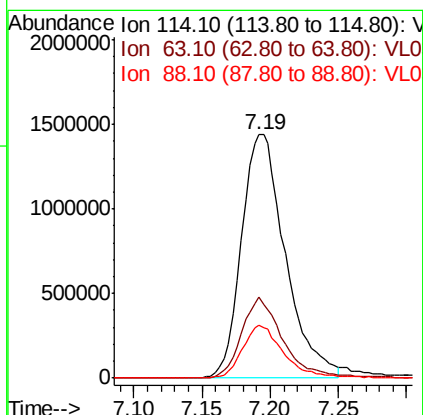
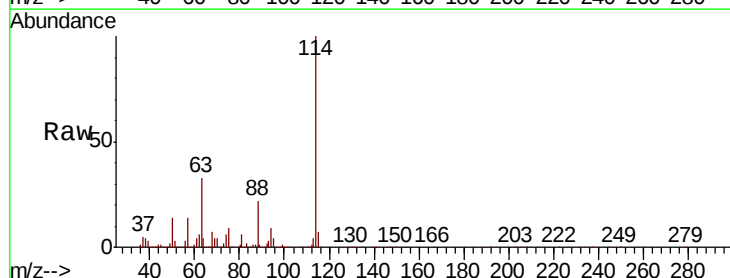
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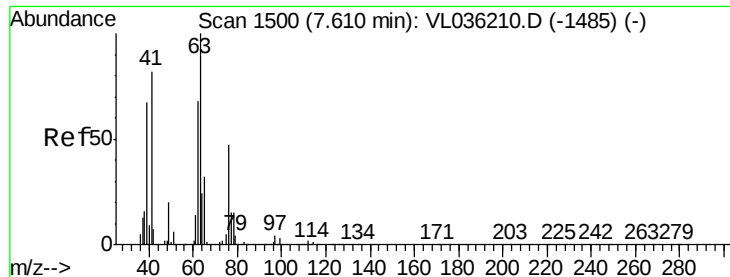
Tot Ion: 84 Resp: 7829
Ion Ratio Lower Upper
84 100
49 127.9 134.1 201.1#
51 35.0 37.4 56.0#
86 28.1 52.6 78.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VL036267.D
Acq: 22 Jan 2021 15:15

Tgt Ion: 114 Resp: 3212663
Ion Ratio Lower Upper
114 100
63 32.1 24.7 37.1
88 20.7 16.6 24.8

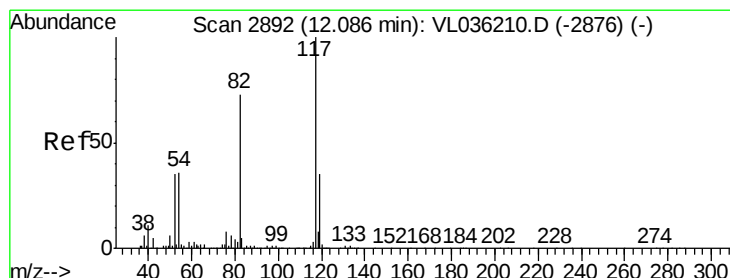
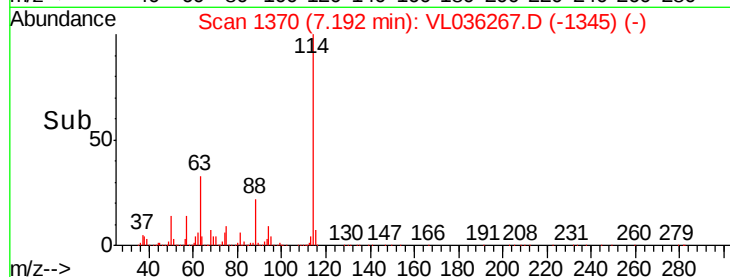
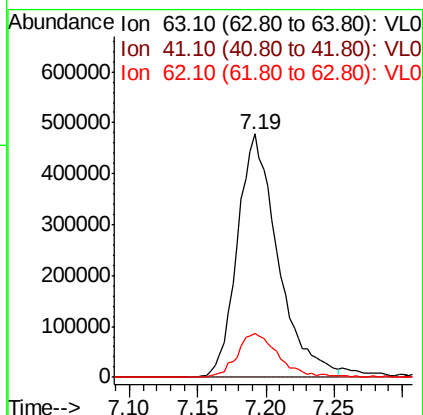
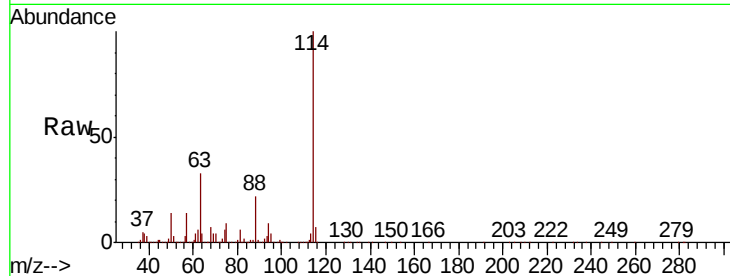




#39
 1,2-Dichloropropane
 Concen: 8.279 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.42 min
 Lab File: VL036267.D
 Acq: 22 Jan 2021 15:15

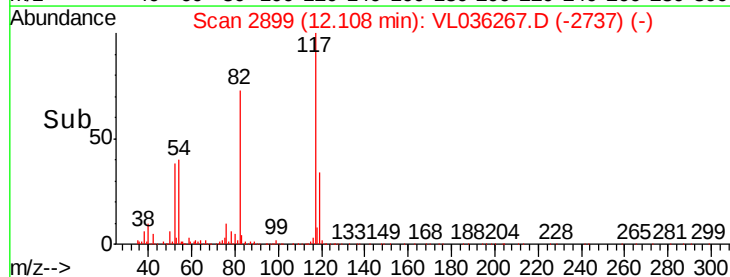
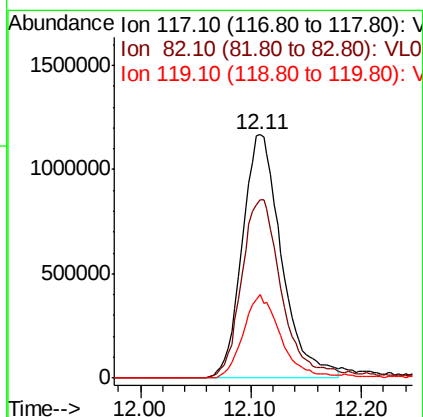
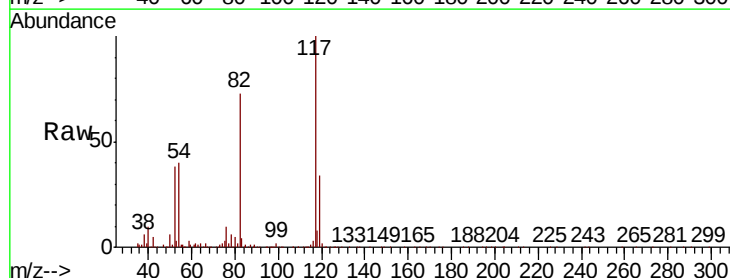
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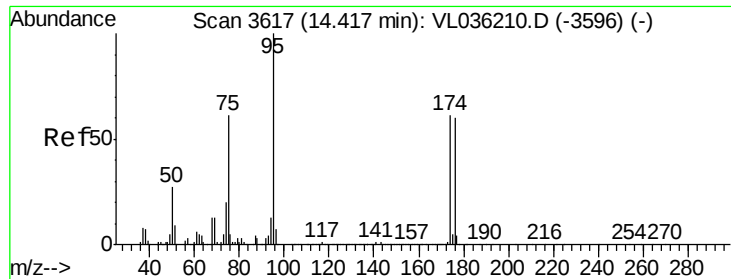
Tot Ion: 63 Resp: 989451
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 18.3 54.8 82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. 0.02 min
 Lab File: VL036267.D
 Acq: 22 Jan 2021 15:15

Tgt Ion: 117 Resp: 2884461
 Ion Ratio Lower Upper
 117 100
 82 78.2 59.7 89.5
 119 34.4 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.259 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. 0.03 min

Lab File: VL036267.D

Acq: 22 Jan 2021 15:15

Instrument :

MSVOA_L

ClientSampleId :

QC010421 CAN 10334

Tot Ion: 95 Resp: 2449442

Ion Ratio Lower Upper

95 100

174 61.9 49.4 74.0

175 4.2 3.8 5.8

