

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036269.D
 Acq On : 22 Jan 2021 16:36
 Operator : SY/AP
 Sample : OC122320 CAN 10448
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122320 CAN 10448

Quant Time: Jan 23 04:35:37 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	1523805	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3181698	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2844403	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2375491	10.09	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

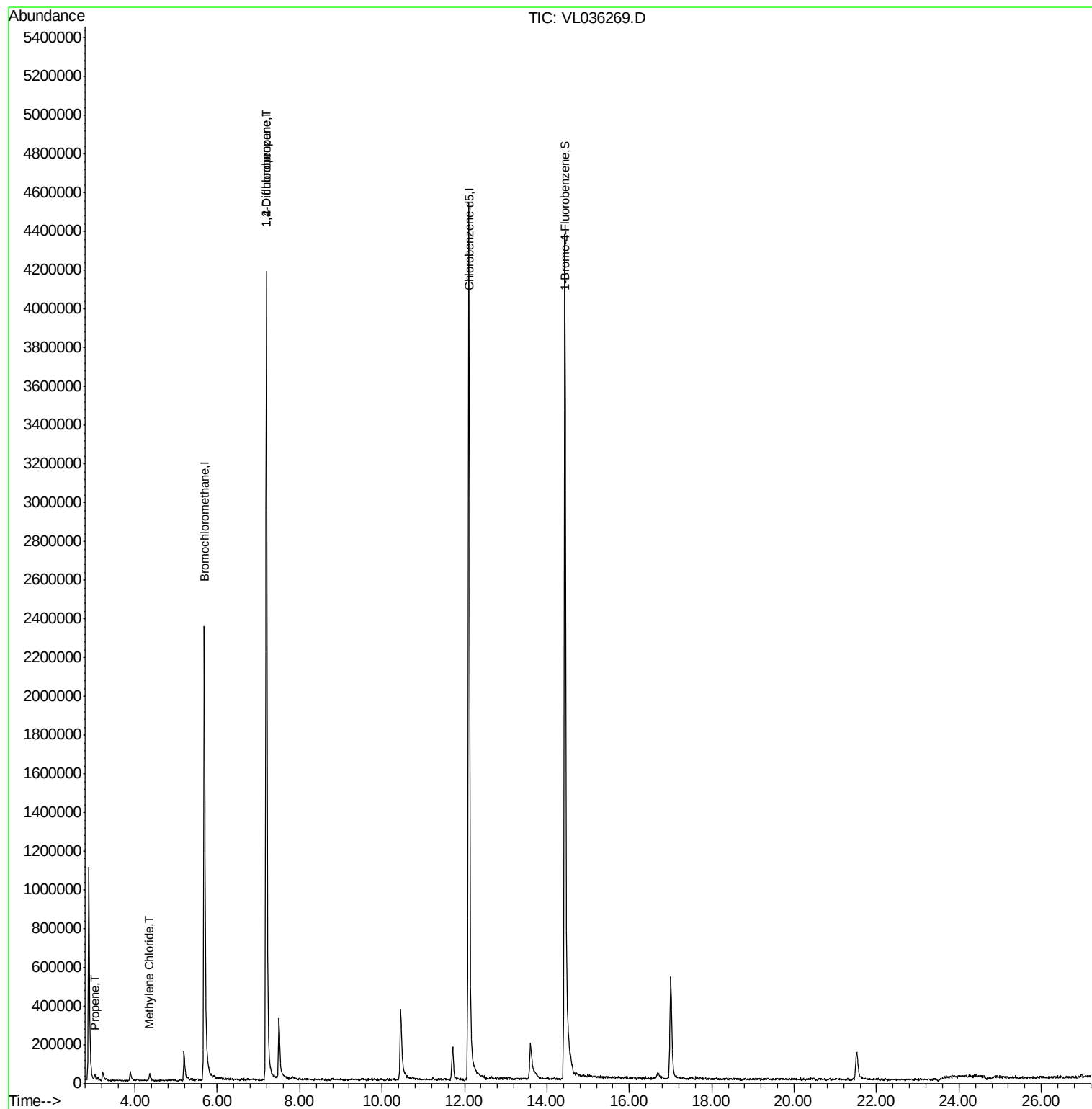
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2753	0.031	ppbv #	14
20) Methylene Chloride	4.35	84	5186	0.087	ppbv #	68
39) 1,2-Dichloropropane	7.19	63	978183	8.264	ppbv #	22

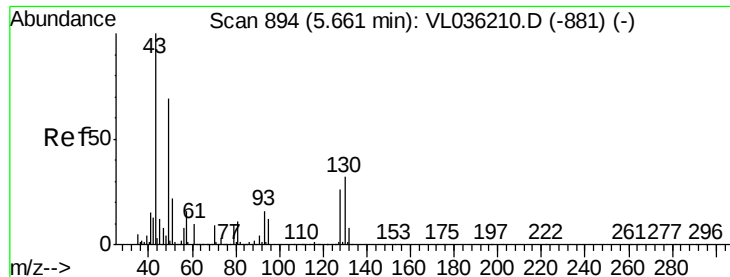
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL036269.D

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Instrument :

MSVOA_L

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QC122320 CAN 10448

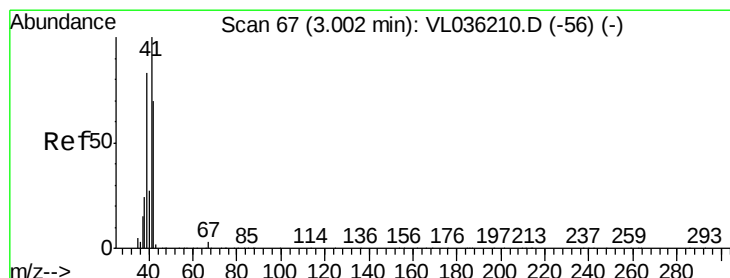
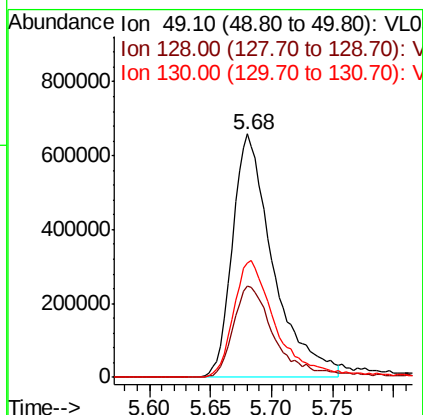
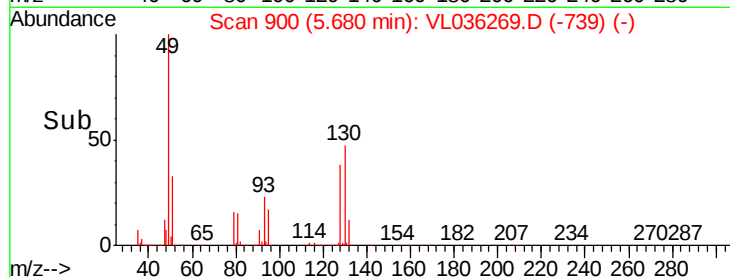
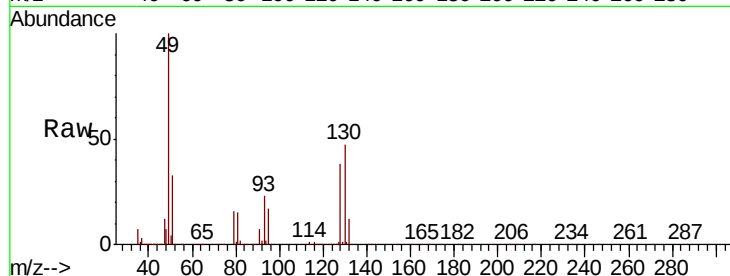
Tot Ion: 49 Resp: 1523805

Ion Ratio Lower Upper

49 100

128 39.2 20.1 60.2

130 50.4 25.3 75.9



#9

Propene

Concen: 0.031 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036269.D

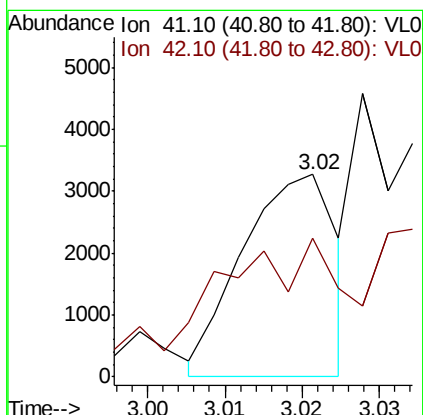
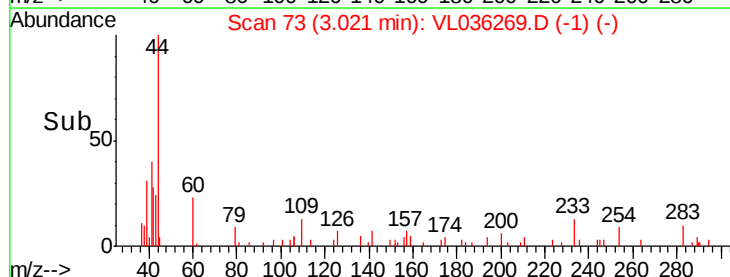
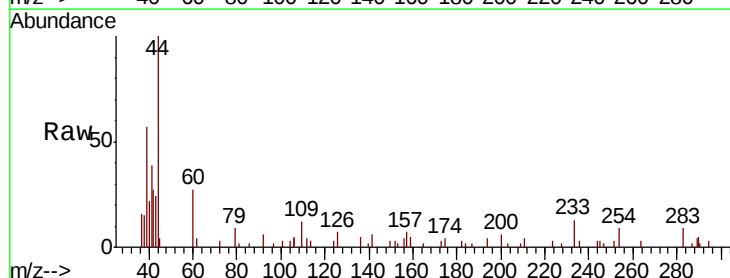
Acq: 22 Jan 2021 16:36

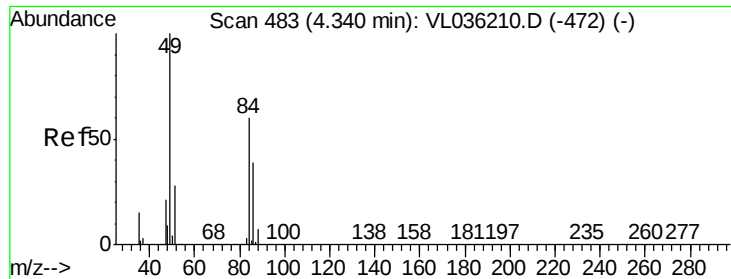
Tgt Ion: 41 Resp: 2753

Ion Ratio Lower Upper

41 100

42 0.0 57.1 85.7#

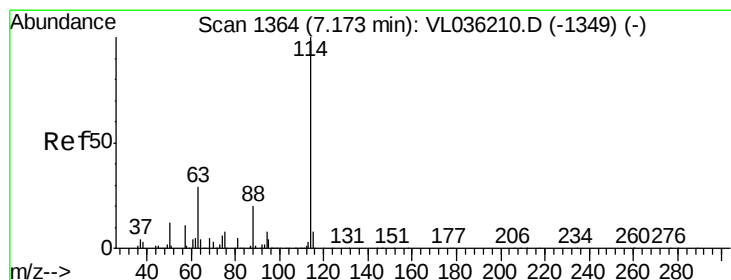
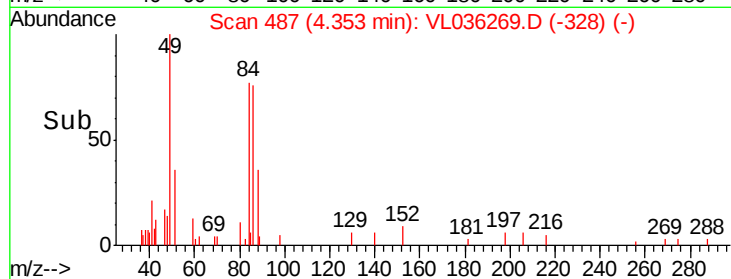
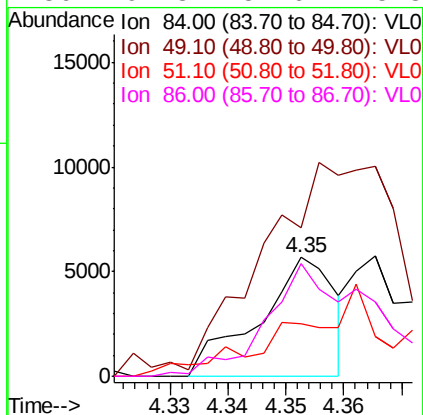
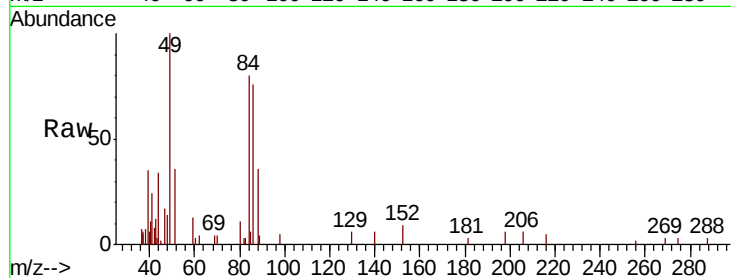




#20
Methylene Chloride
Concen: 0.087 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036269.D
Acq: 22 Jan 2021 16:36

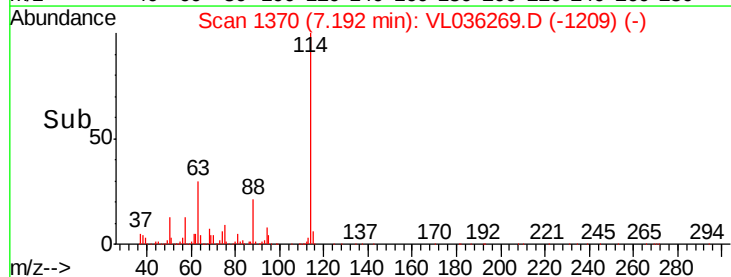
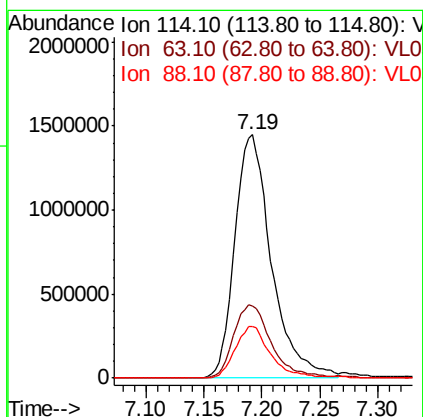
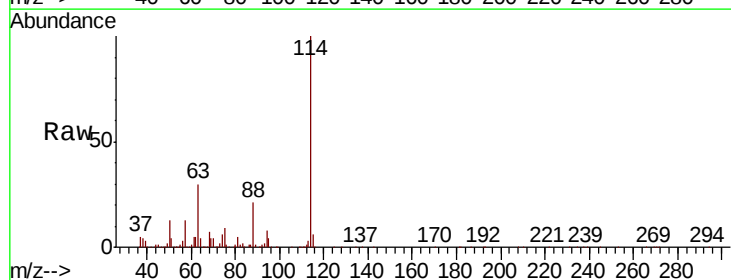
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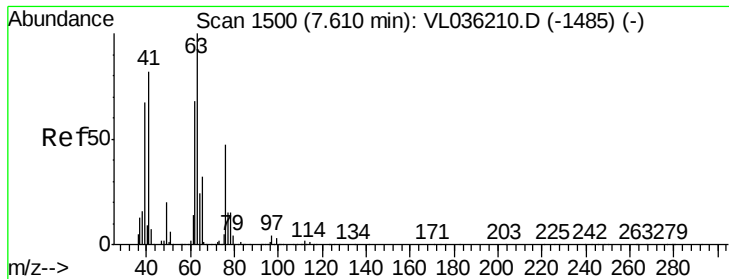
Tot Ion: 84 Resp: 5186
Ion Ratio Lower Upper
84 100
49 119.9 134.1 201.1#
51 34.9 37.4 56.0#
86 92.3 52.6 78.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VL036269.D
Acq: 22 Jan 2021 16:36

Tgt Ion: 114 Resp: 3181698
Ion Ratio Lower Upper
114 100
63 31.5 24.7 37.1
88 21.0 16.6 24.8

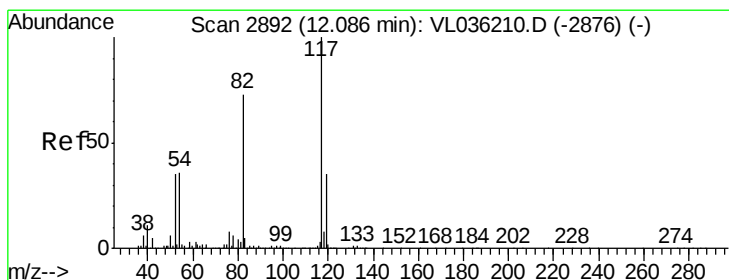
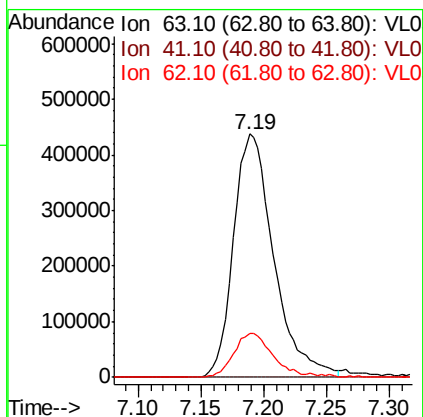
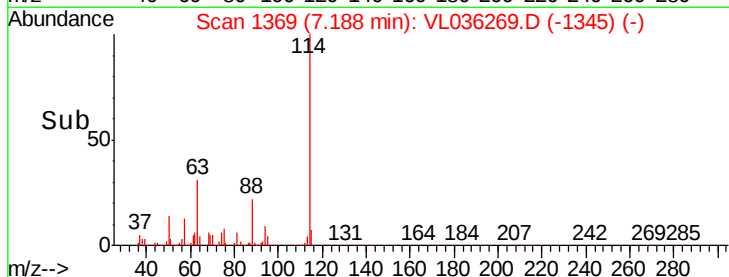
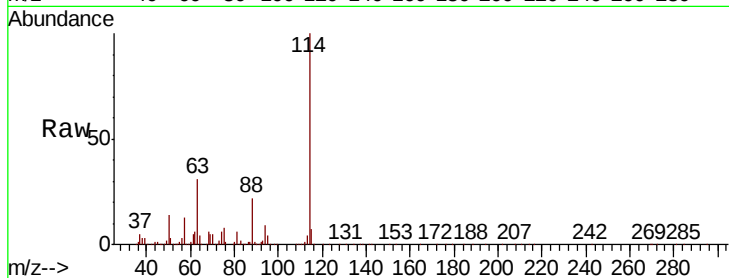




#39
 1,2-Dichloropropane
 Concen: 8.264 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.42 min
 Lab File: VL036269.D
 Acq: 22 Jan 2021 16:36

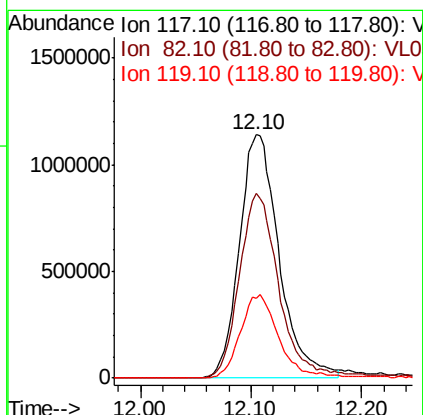
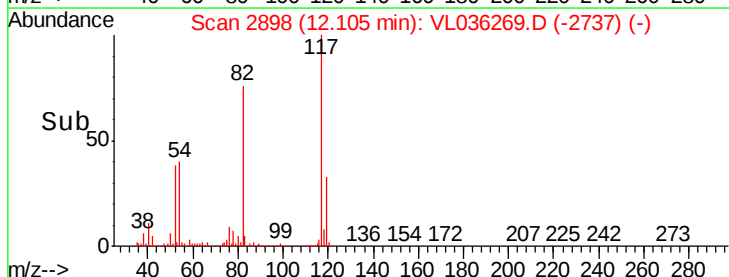
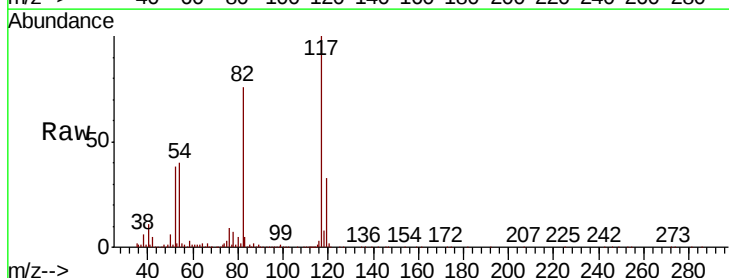
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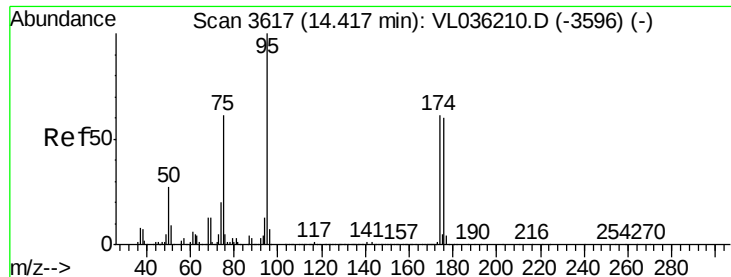
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	18.1	54.8	82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. 0.02 min
 Lab File: VL036269.D
 Acq: 22 Jan 2021 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	78.4	59.7	89.5
119	33.6	28.6	43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.090 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.02 min

Lab File: VL036269.D

Acq: 22 Jan 2021 16:36

Instrument :

MSVOA_L

ClientSampleId :

QC122320 CAN 10448

Tot Ion: 95 Resp: 2375491

Ion Ratio Lower Upper

95 100

174 62.8 49.4 74.0

175 4.3 3.8 5.8

