

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036266.D
 Acq On : 22 Jan 2021 14:34
 Operator : SY/AP
 Sample : OC123020 CAN 10599
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC123020 CAN 10599

Quant Time: Jan 23 04:35:11 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	5.69	49	1587820	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3310076	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2982085	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2469607	10.01	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

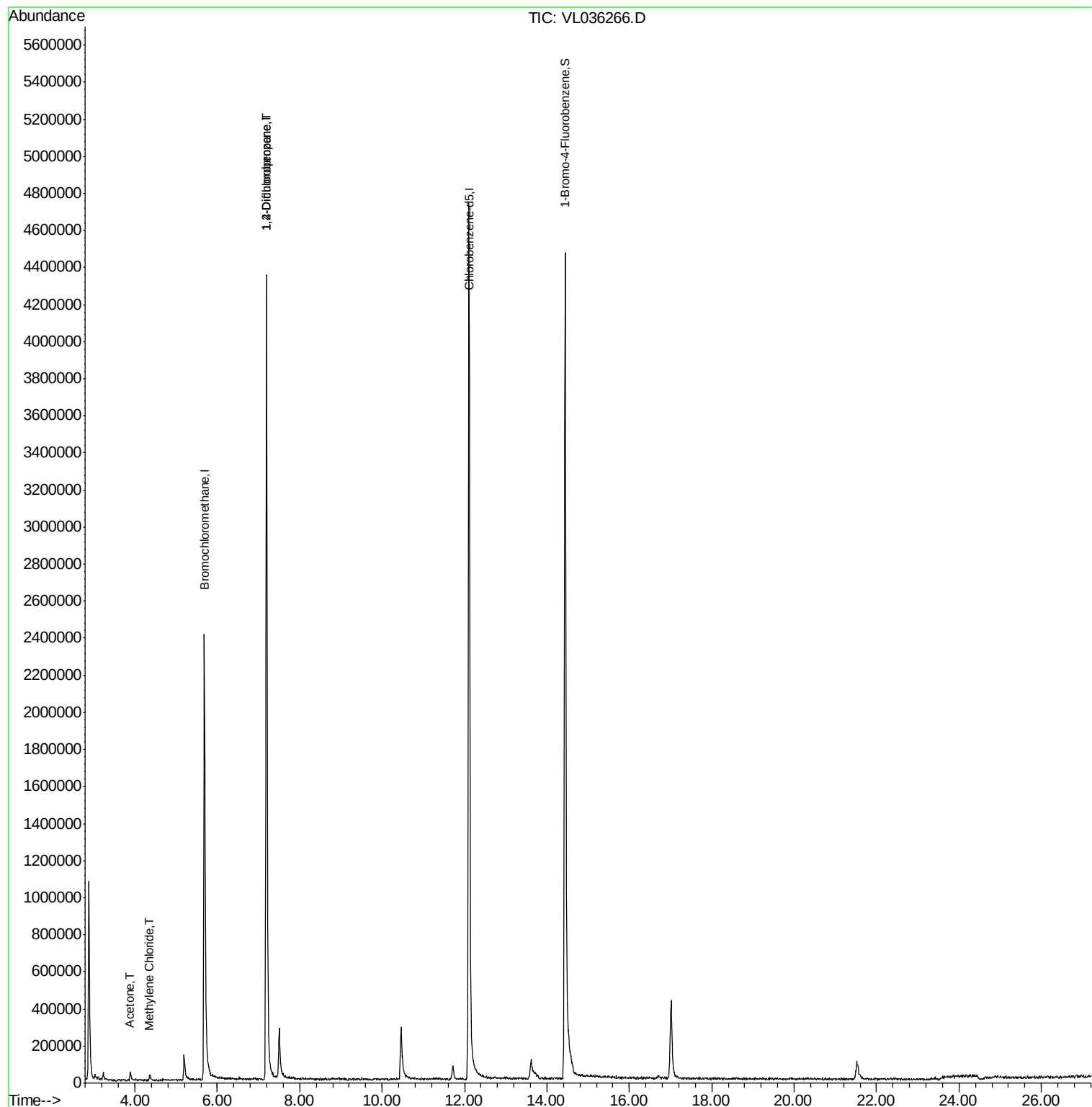
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	10406	0.054	ppbv #	49
20) Methylene Chloride	4.36	84	2922	0.047	ppbv #	42
39) 1,2-Dichloropropane	7.20	63	1002238	8.139	ppbv #	23

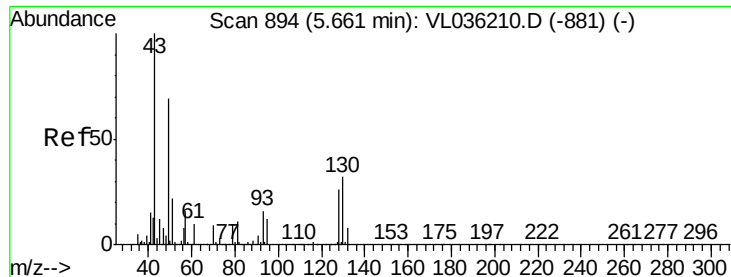
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.03 min

Lab File: VL036266.D

Acq: 22 Jan 2021 14:34

Instrument :

MSVOA_L

ClientSampleId :

QC123020 CAN 10599

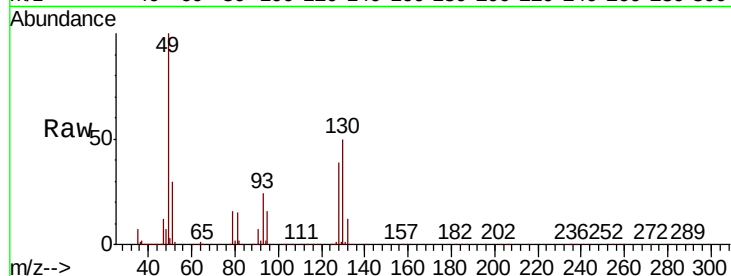
Tot Ion: 49 Resp: 1587820

Ion Ratio Lower Upper

49 100

128 39.9 20.1 60.2

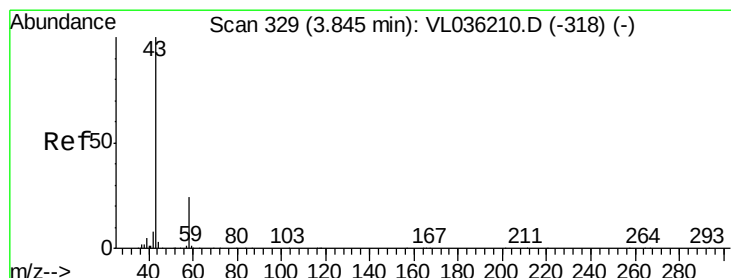
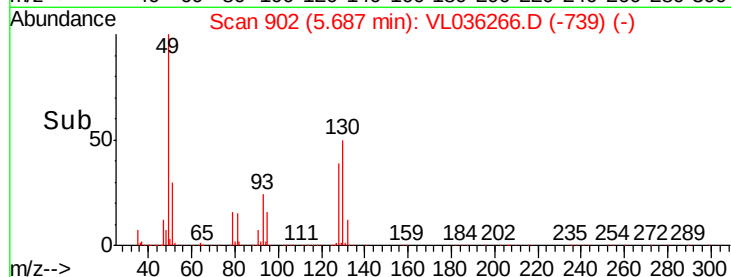
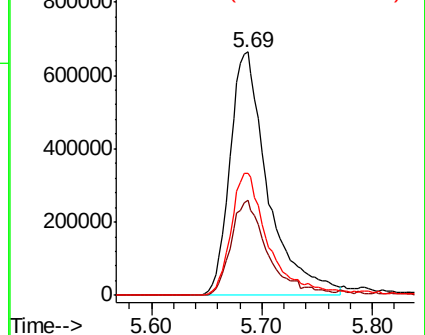
130 51.9 25.3 75.9



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: 0.054 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036266.D

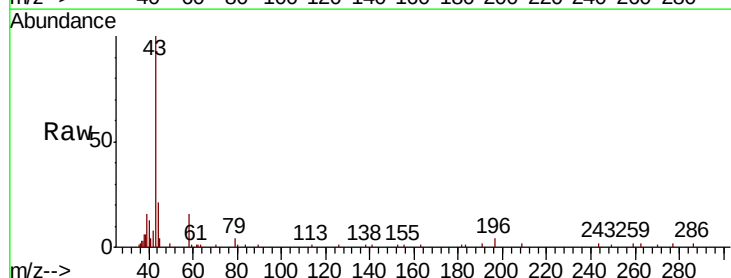
Acq: 22 Jan 2021 14:34

Tgt Ion: 43 Resp: 10406

Ion Ratio Lower Upper

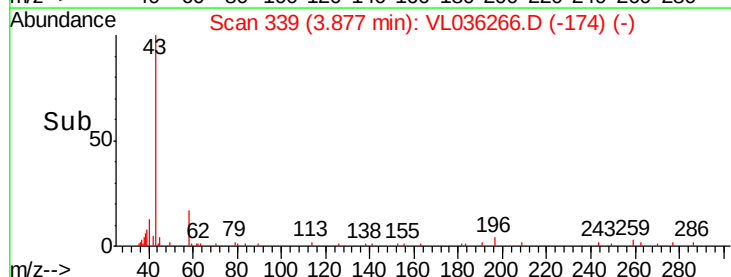
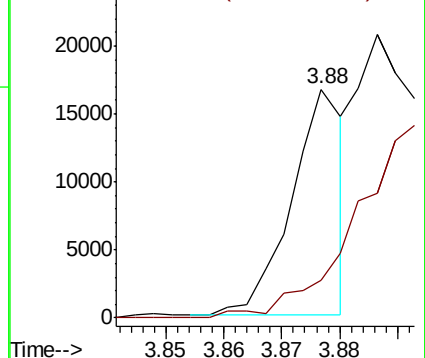
43 100

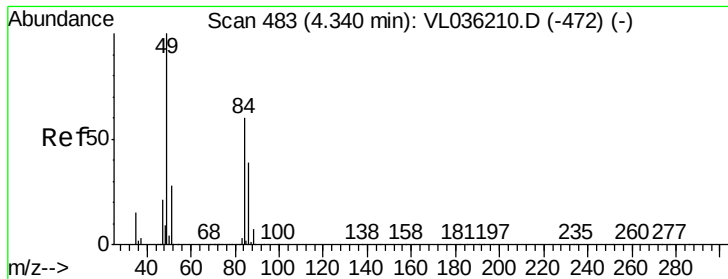
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

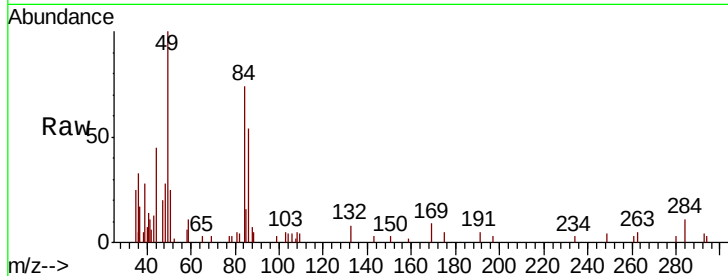




#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.02 min
Lab File: VL036266.D
Acq: 22 Jan 2021 14:34

Instrument :
MSVOA_L
ClientSampleId :
QC123020 CAN 10599

Tot Ion:	84	Resp:	2922
Ion	Ratio	Lower	Upper
84	100		
49	61.9	134.1	201.1#
51	13.3	37.4	56.0#
86	54.7	52.6	78.8



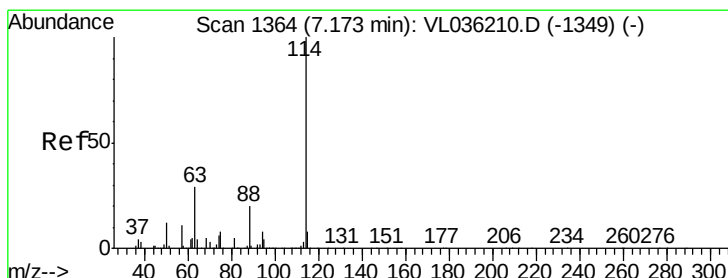
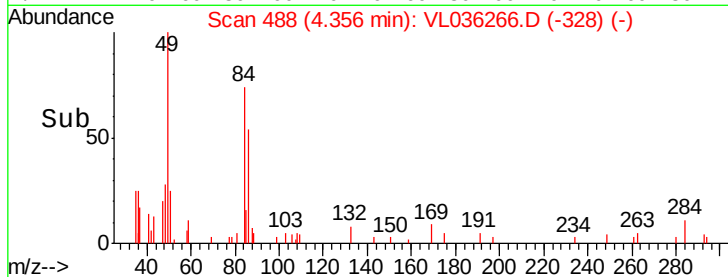
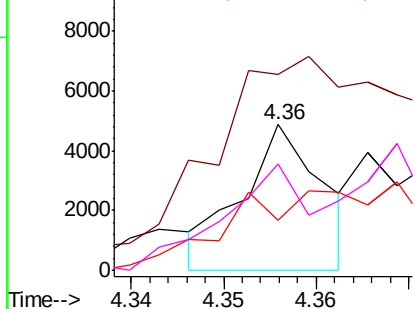
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

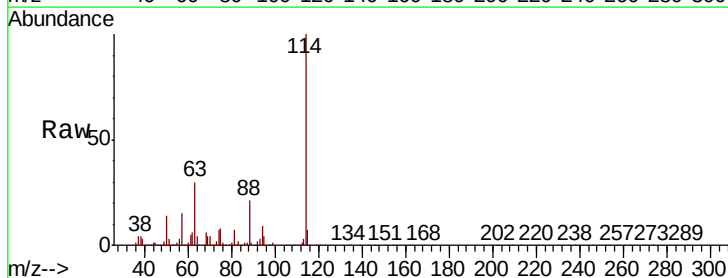
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL036266.D
Acq: 22 Jan 2021 14:34

Tgt Ion:	114	Resp:	3310076
Ion	Ratio	Lower	Upper
114	100		
63	31.1	24.7	37.1
88	20.5	16.6	24.8

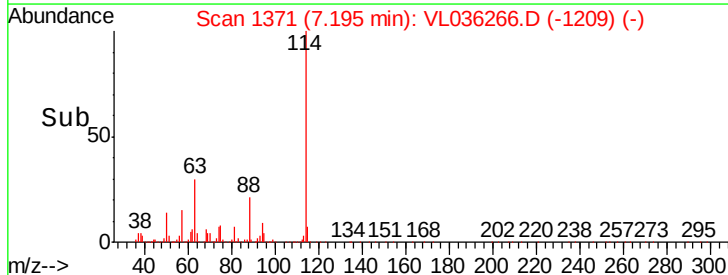
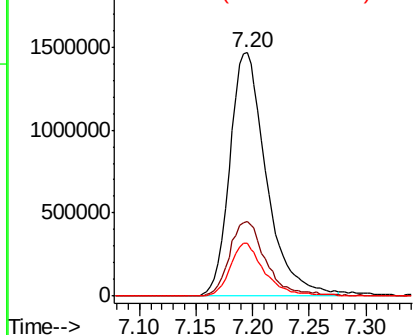


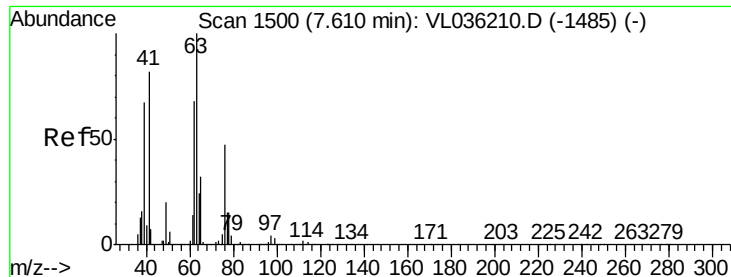
Abundance

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

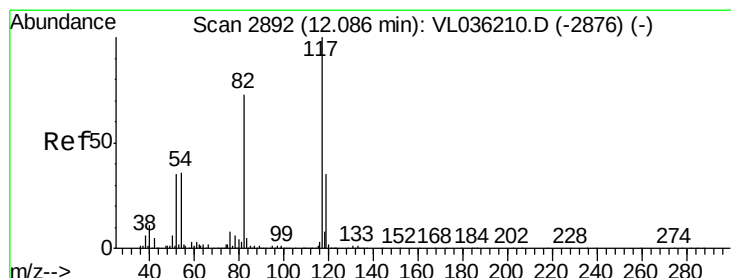
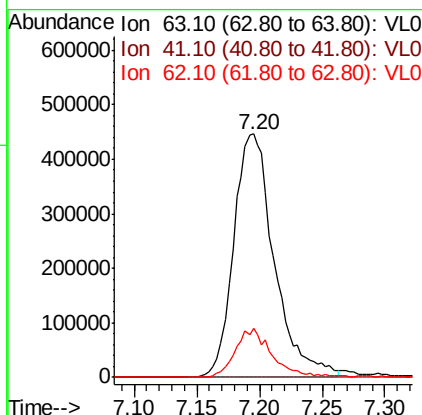
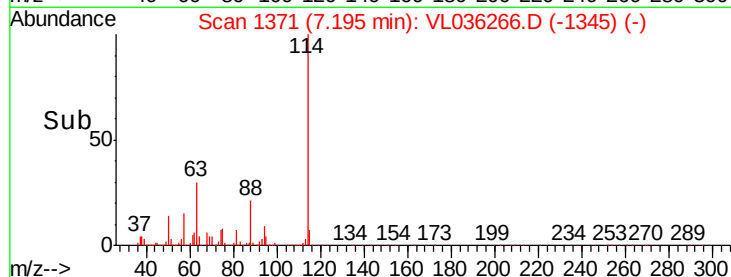
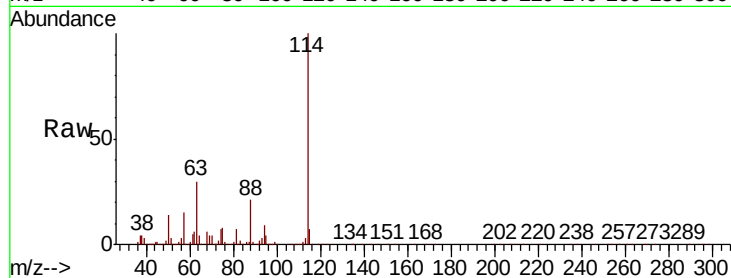




#39
 1,2-Dichloropropane
 Concen: 8.139 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.41 min
 Lab File: VL036266.D
 Acq: 22 Jan 2021 14:34

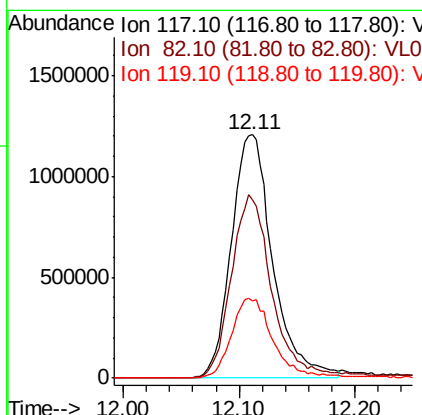
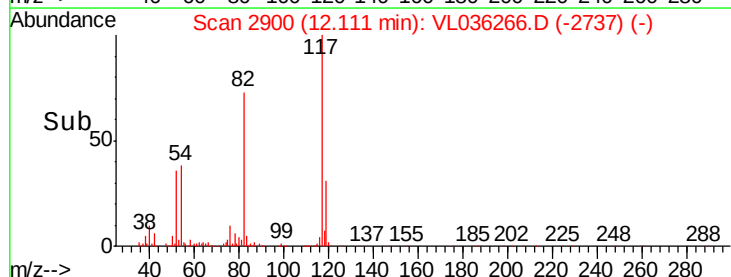
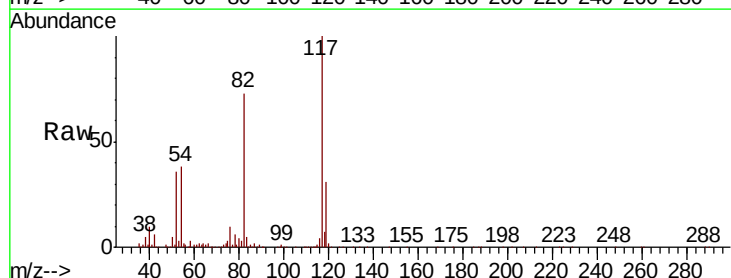
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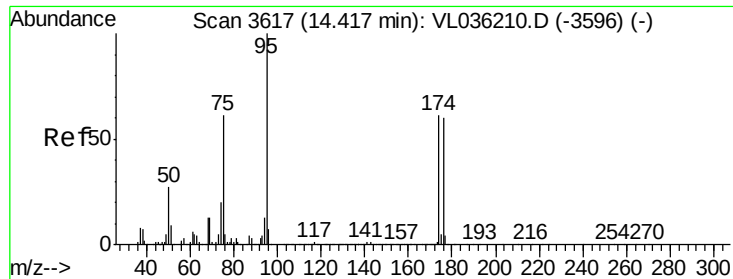
Tot Ion: 63 Resp: 1002238
 Ion Ratio Lower Upper
 63 100
 41 0.3 66.1 99.1#
 62 20.1 54.8 82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. 0.03 min
 Lab File: VL036266.D
 Acq: 22 Jan 2021 14:34

Tgt Ion: 117 Resp: 2982085
 Ion Ratio Lower Upper
 117 100
 82 74.8 59.7 89.5
 119 33.6 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.005 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. 0.03 min

Lab File: VL036266.D

Acq: 22 Jan 2021 14:34

Instrument :

MSVOA_L

ClientSampleId :

QC123020 CAN 10599

Tot Ion: 95 Resp: 2469607

Ion Ratio Lower Upper

95 100

174 62.8 49.4 74.0

175 4.6 3.8 5.8

