

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037174.D
 Acq On : 16 Jun 2021 17:18
 Operator : SY/AP
 Sample : OC061521 CAN 10331
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061521 CAN 10331

Manual Integrations
 APPROVED

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 6/17/2021 5:37:36 PM

Quant Time: Jun 17 02:12:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 02:12:03 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1461597	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4249599	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3697042	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2699425	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	25524m	0.155	ppbv	
20) Methylene Chloride	4.35	84	11299m	0.115	ppbv	

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

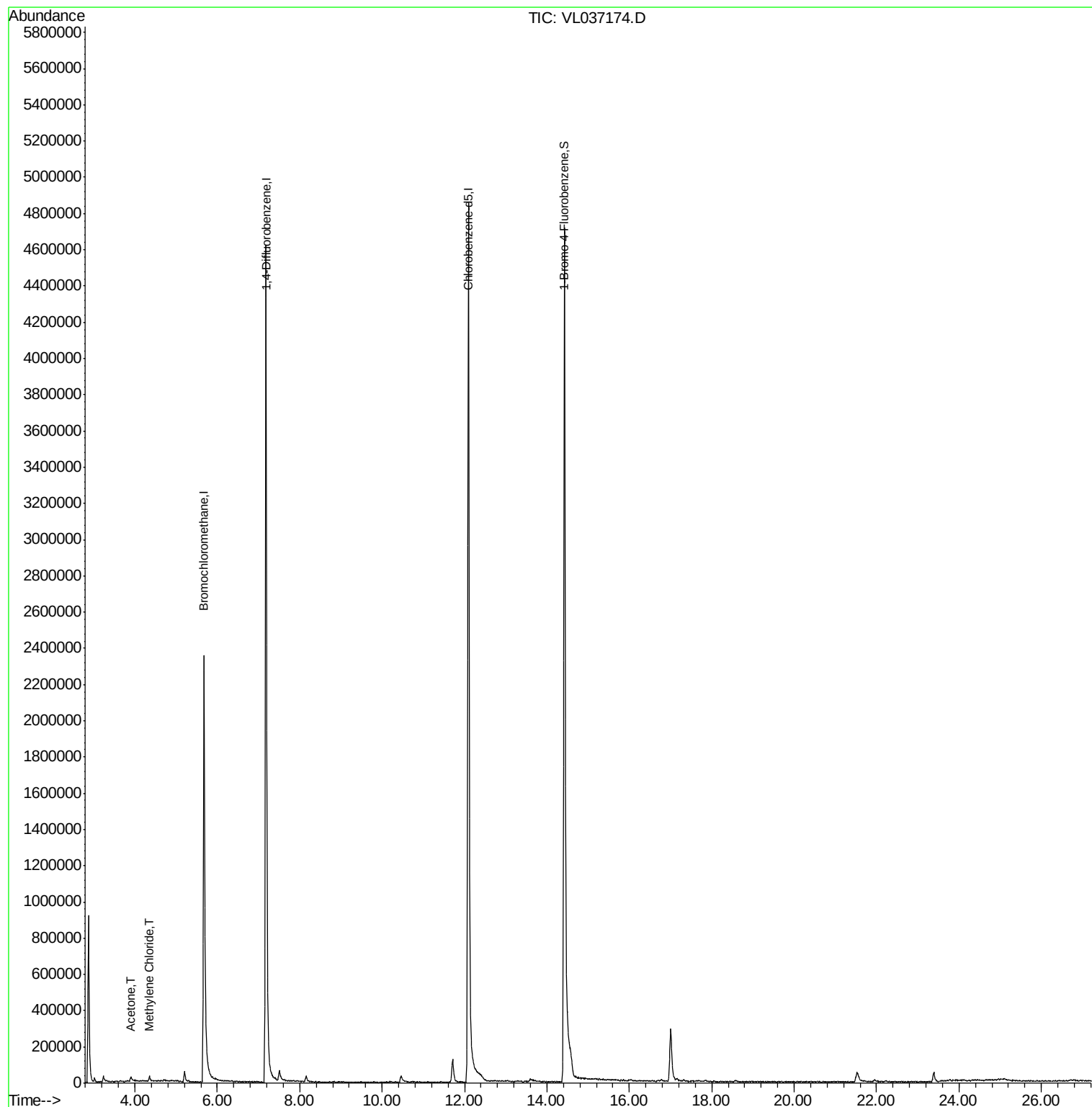
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Data File : VL037174.D
Acq On : 16 Jun 2021 17:18
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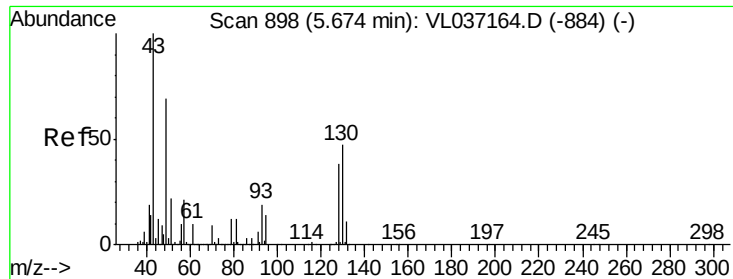
Instrument :
MSVOA_L
ClientSampleId :
QC061521 CAN 10331

Manual Integrations
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Quant Time: Jun 17 02:12:03 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





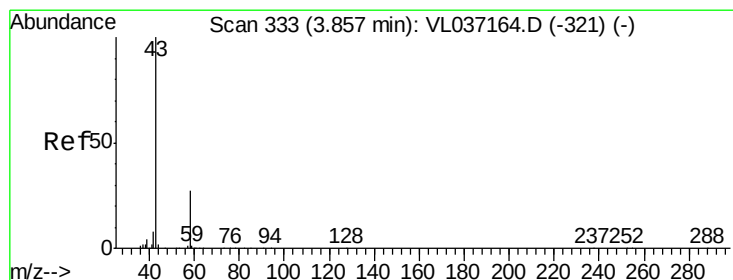
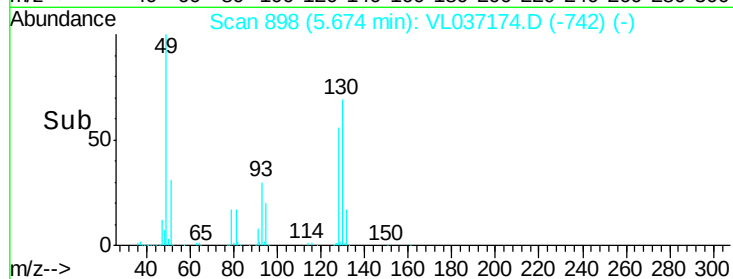
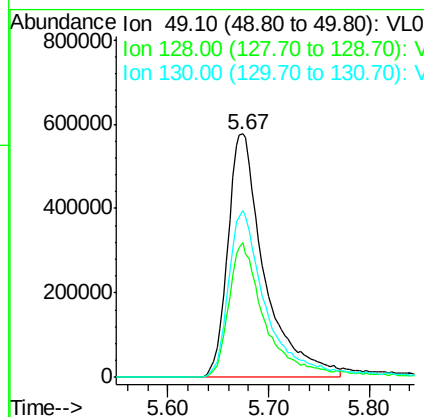
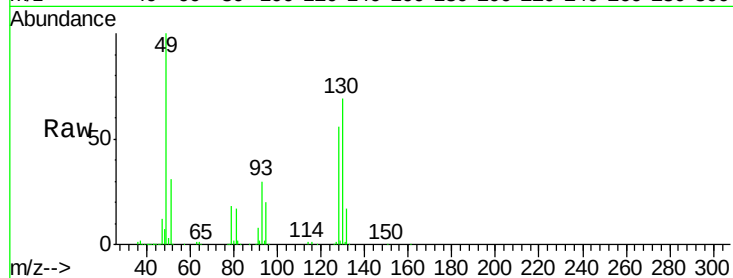
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Instrument :
MSVOA_L
ClientSampleId :
QC061521 CAN 10331

Tot Ion: 49 Resp: 1461597
Ion Ratio Lower Upper
49 100
128 57.3 29.3 88.0
130 72.4 35.9 107.8

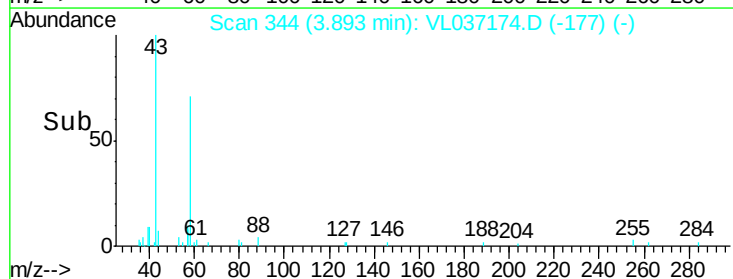
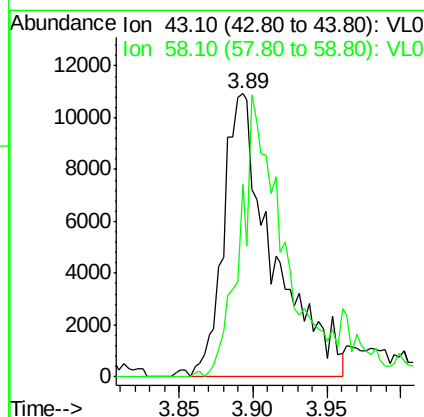
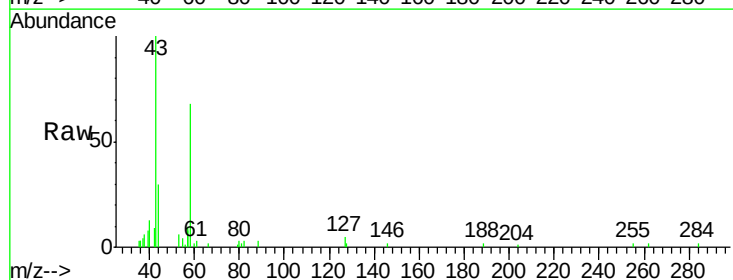
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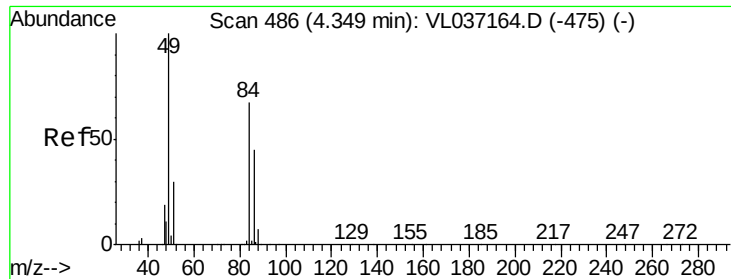
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#15
Acetone
Concen: 0.155 ppbv m
RT: 3.89 min Scan# 344
Delta R.T. 0.04 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Tgt Ion: 43 Resp: 25524
Ion Ratio Lower Upper
43 100
58 101.2 23.7 35.5#





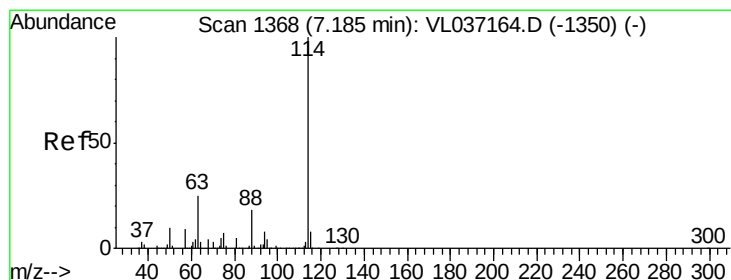
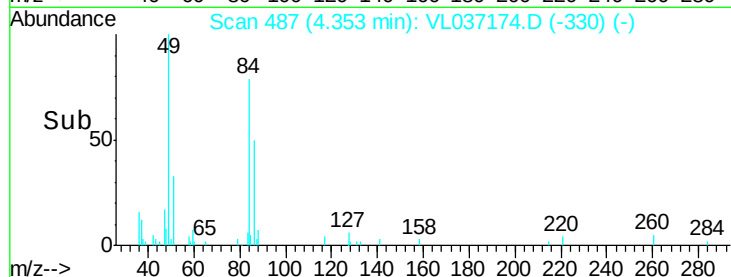
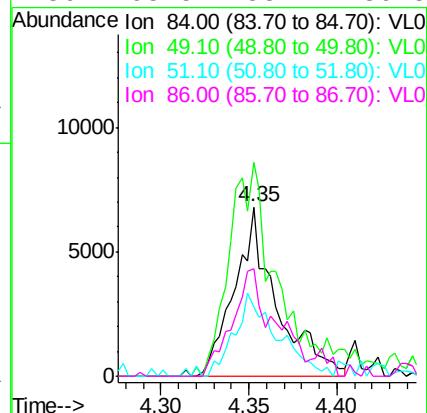
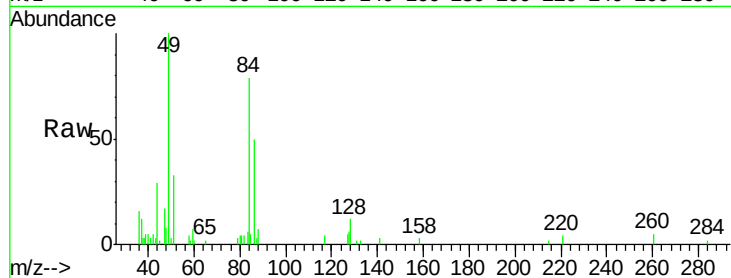
#20
Methylene Chloride
Concen: 0.115 ppbv m
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Instrument :
MSVOA_L
ClientSampleId :
QC061521 CAN 10331

Tot Ion:	84	Resp:	11299
Ion	Ratio	Lower	Upper
84	100		
49	126.0	119.7	179.5
51	41.1	36.1	54.1
86	63.5	53.7	80.5

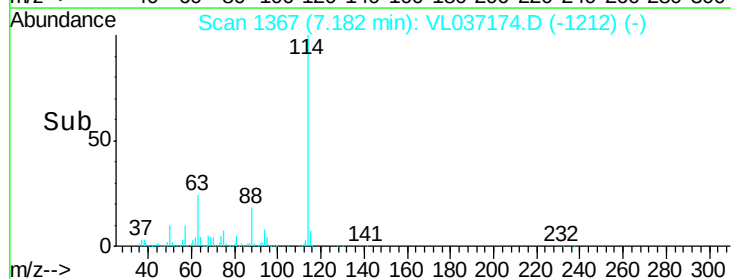
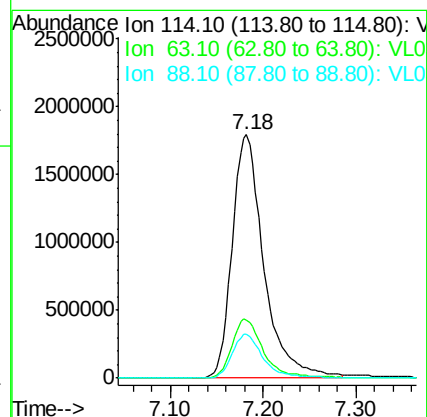
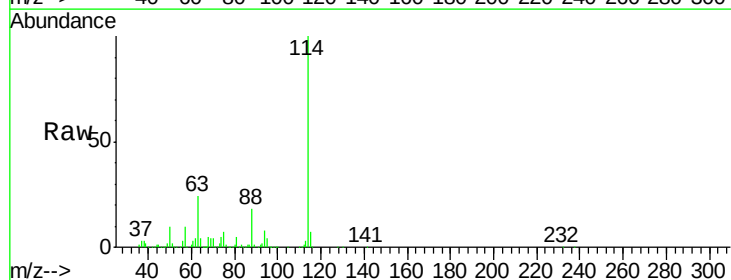
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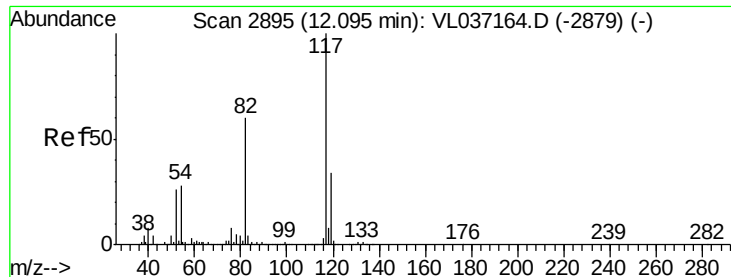
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Tgt Ion:	114	Resp:	4249599
Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.6	29.4
88	17.8	14.2	21.2





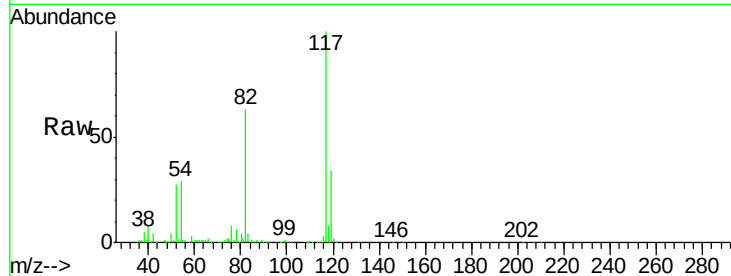
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Instrument :
MSVOA_L
ClientSampleId :
QC061521 CAN 10331

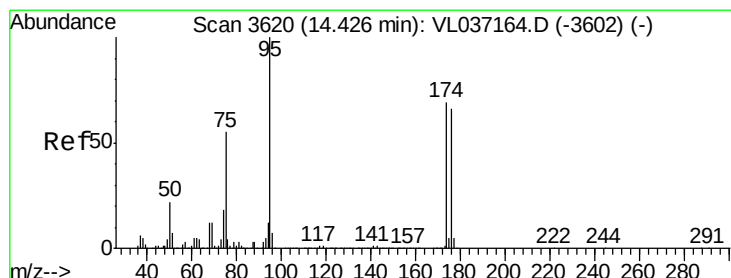
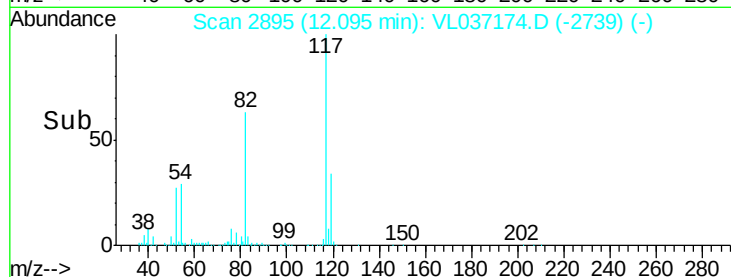
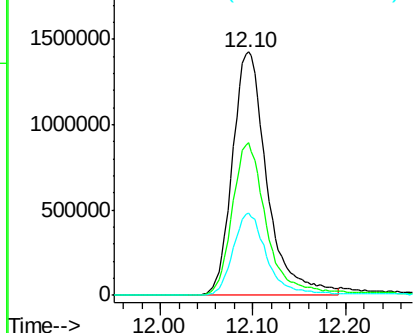
Tot Ion:117 Resp: 3697042
Ion Ratio Lower Upper
117 100
82 63.8 51.7 77.5
119 33.8 47.6 71.4#

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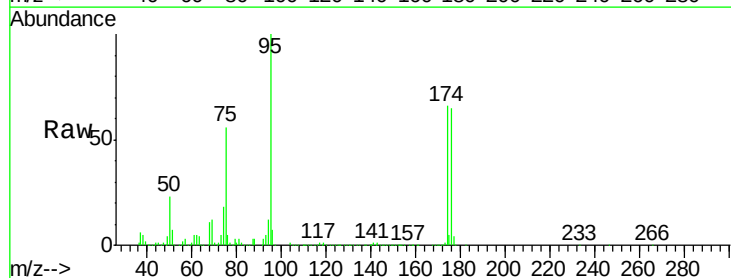


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.636 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL037174.D
Acq: 16 Jun 2021 17:18

Tgt Ion: 95 Resp: 2699425
Ion Ratio Lower Upper
95 100
174 75.3 57.0 85.4
175 5.8 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

