

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035343.D
 Acq On : 6 Aug 2020 9:23
 Operator : SY/AP
 Sample : VL0806ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0806ABL01

Manual Integrations
 APPROVED

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 8/7/2020 12:53:28 PM

Quant Time: Aug 07 06:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1260031	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3228058	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3150708	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2615709	9.96	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	60677	0.339	ppbv	# 56
20) Methylene Chloride	4.31	84	23209m	0.318	ppbv	

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

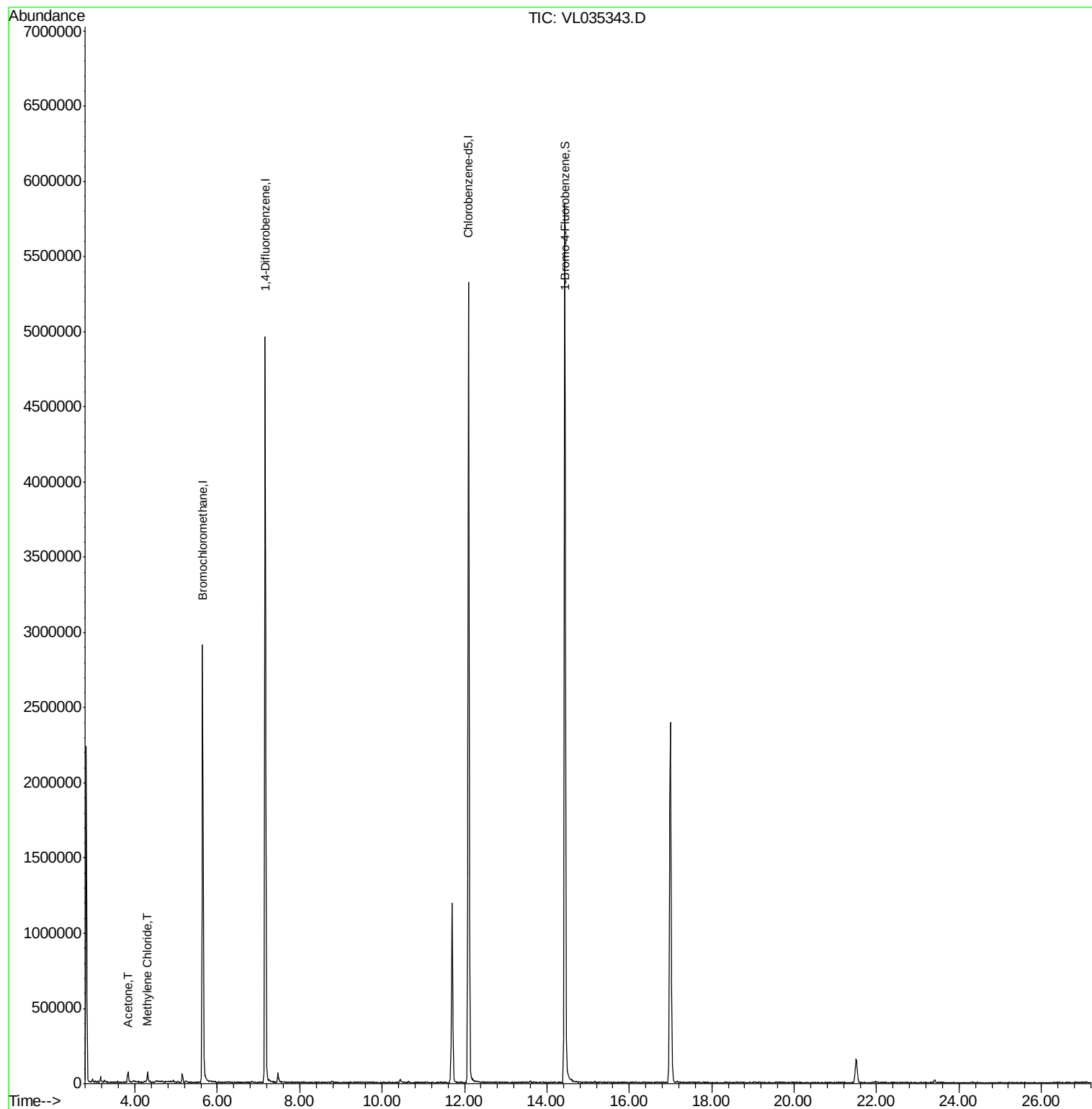
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Data File : VL035343.D
Acq On : 6 Aug 2020 9:23
Operator : SY/AP
Sample : VL0806ABL01
Misc : 400ml/MSVOA L
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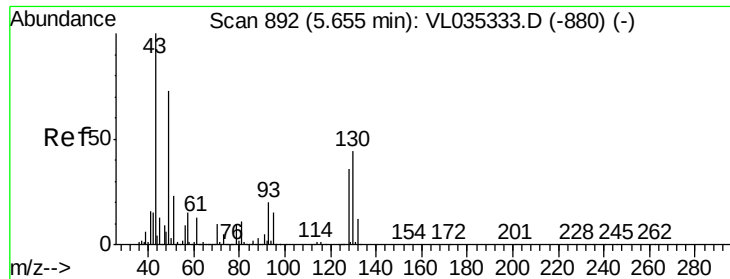
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





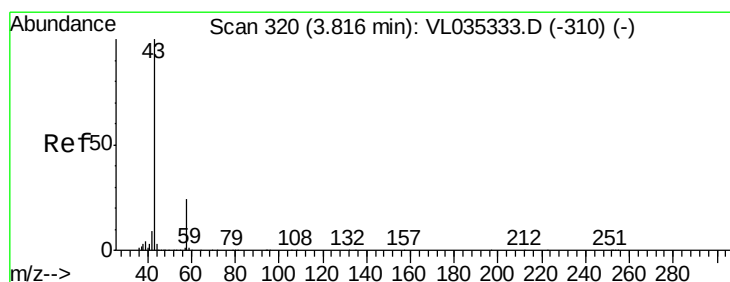
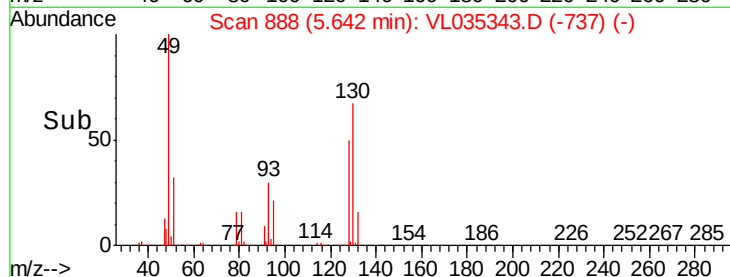
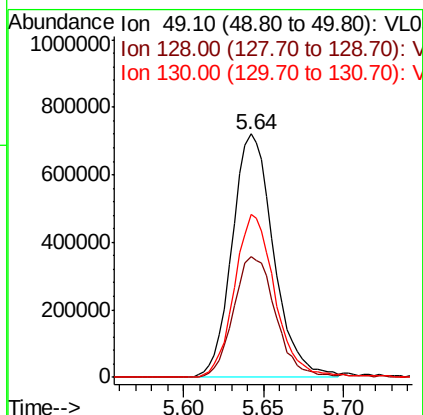
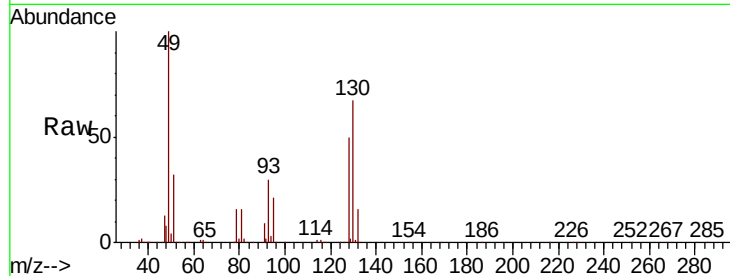
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Instrument :
MSVOA_L
ClientSampleId :
VL0806ABL01

Tot Ion: 49 Resp: 1260031
Ion Ratio Lower Upper
49 100
128 51.8 25.4 76.0
130 66.7 32.1 96.3

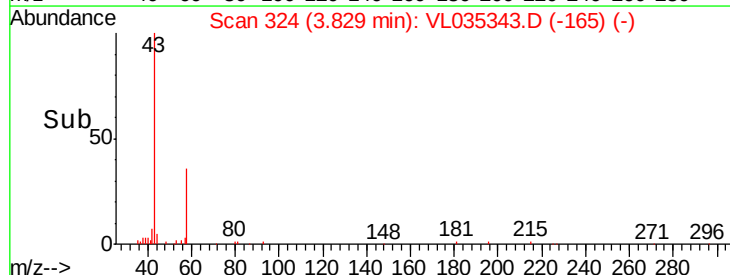
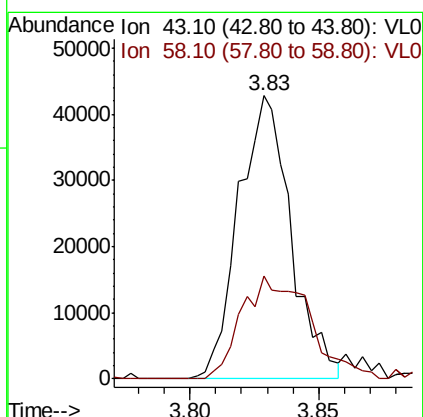
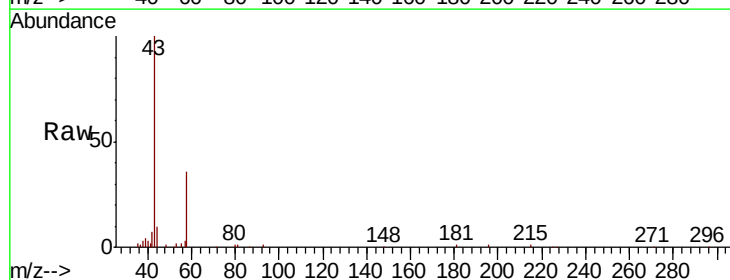
Manual Integrations
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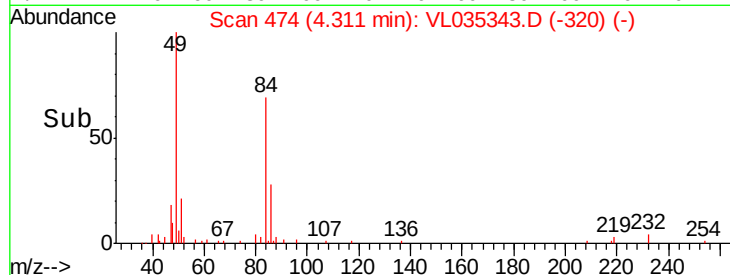
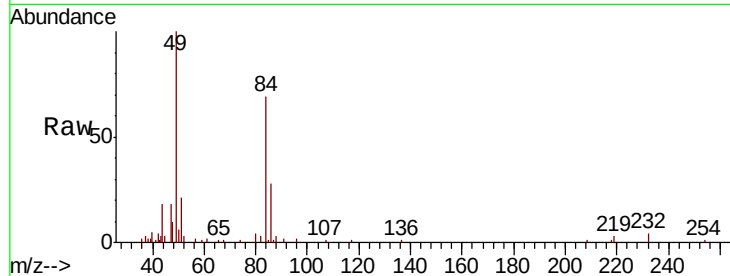
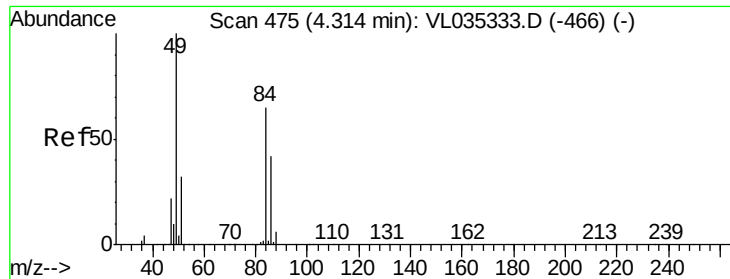
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#15
Acetone
Concen: 0.339 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tgt Ion: 43 Resp: 60677
Ion Ratio Lower Upper
43 100
58 48.7 21.0 31.4#





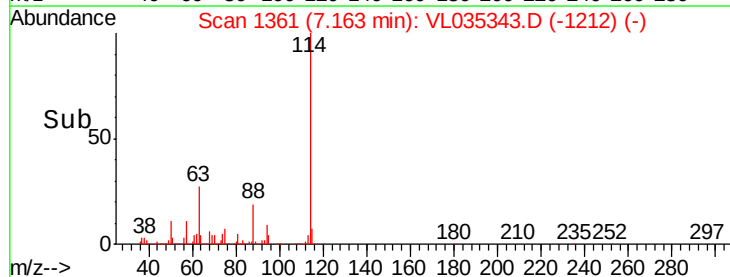
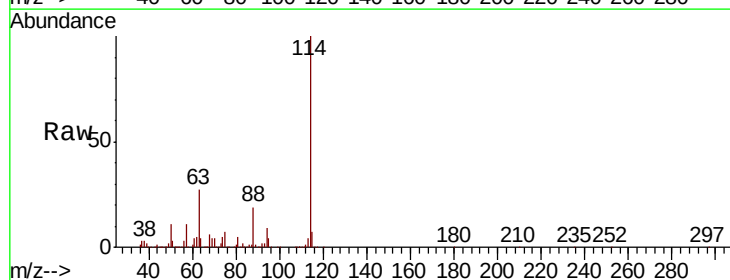
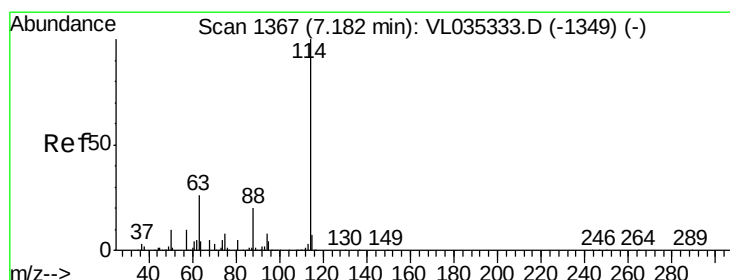
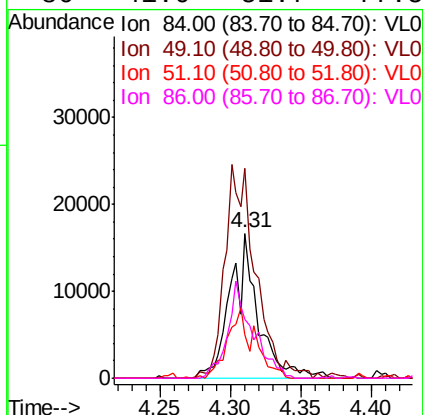
#20
Methylene Chloride
Concen: 0.318 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tot Ion	Ratio	Lower	Upper
84	100		
49	144.4	122.8	184.2
51	29.8	40.1	60.1#
86	41.0	51.7	77.5#

Instrument :
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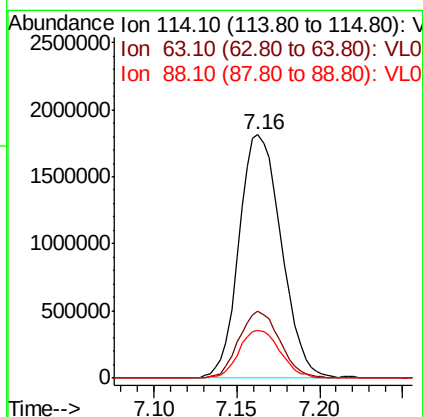
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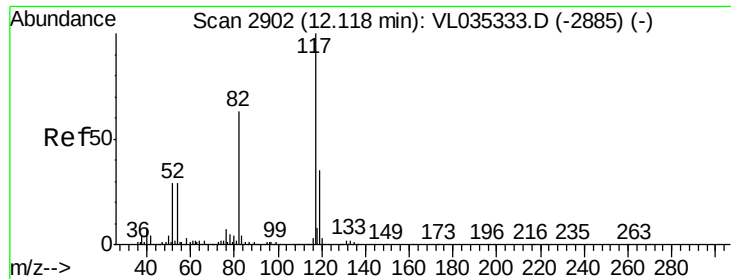
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.3	31.9
88	19.0	15.3	22.9





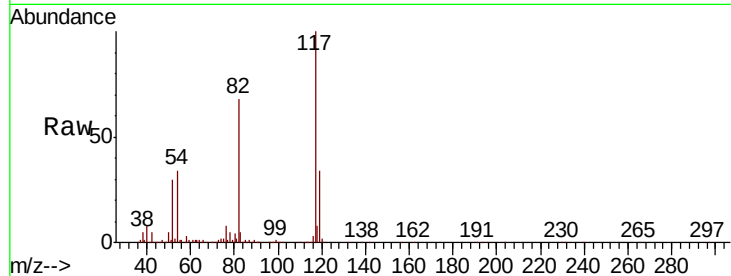
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Instrument :
MSVOA_L
ClientSampleId :
VL0806ABL01

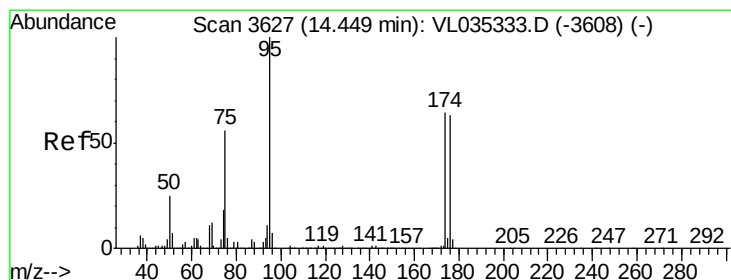
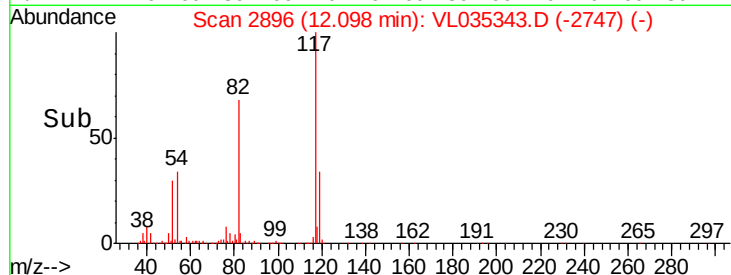
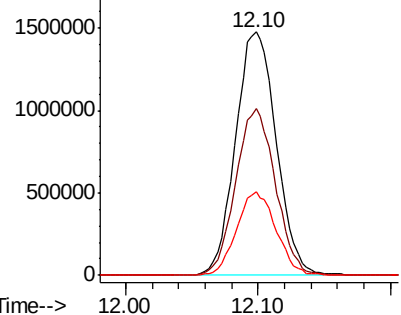
Tot Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.0	76.4
119	33.4	24.7	37.1

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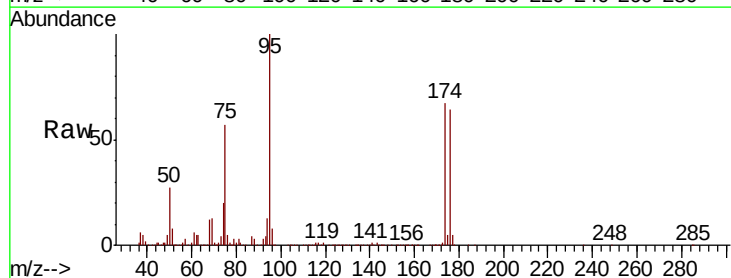


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.955 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.8	53.5	80.3
175	5.1	4.2	6.2



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

