

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020519\
 Data File : VL033177.D
 Acq On : 6 Feb 2019 8:39
 Operator : SY/AP
 Sample : VL0205ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0205ABL01

Manual Integrations
 APPROVED

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 2/20/2019 12:21:28 PM

Quant Time: Feb 20 06:24:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 20 06:24:09 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1087276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2521612	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2492269	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1981951	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%
Target Compounds						
15) Acetone	3.92	43	15877m	0.130	ppbv	Qvalue
20) Methylene Chloride	4.41	84	7070	0.145	ppbv #	72

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

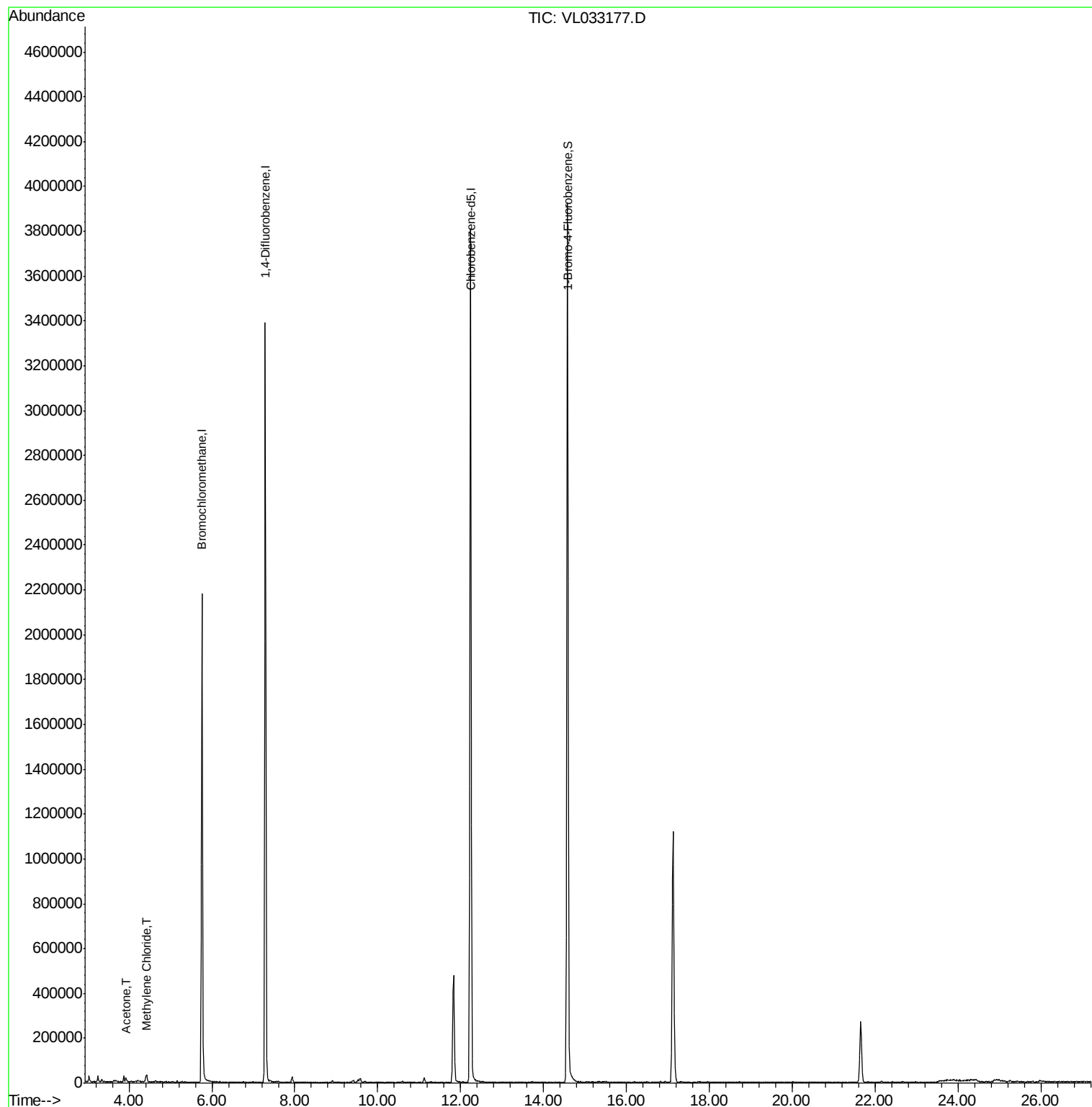
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL020519\
Data File : VL033177.D
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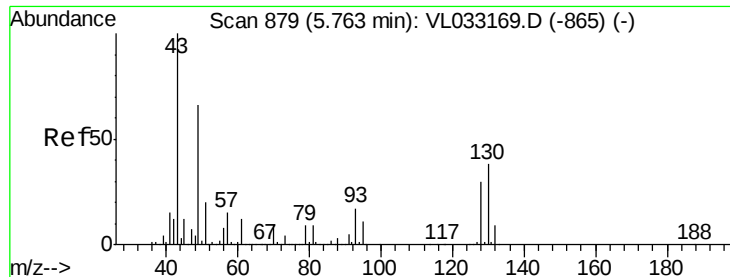
Instrument :
MSVOA_L
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VL0205ABL01

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Quant Time: Feb 20 06:24:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033177.D

Acq: 6 Feb 2019 8:39

Instrument :

MSVOA_L

ClientSampleId :

VL0205ABL01

Tgt Ion: 49 Resp: 1087276

Ion Ratio Lower Upper

49 100

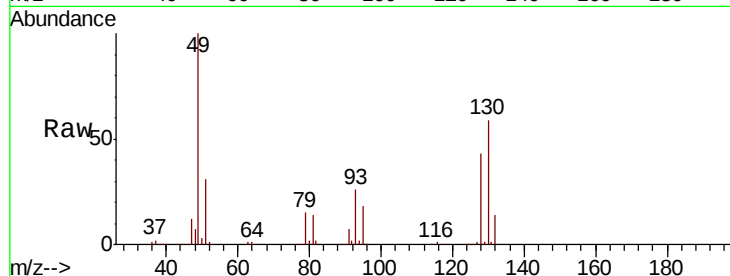
128 45.9 23.6 71.0

130 59.8 30.3 91.0

Manual Integrations
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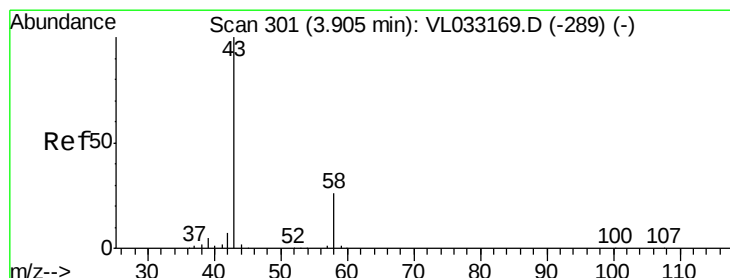
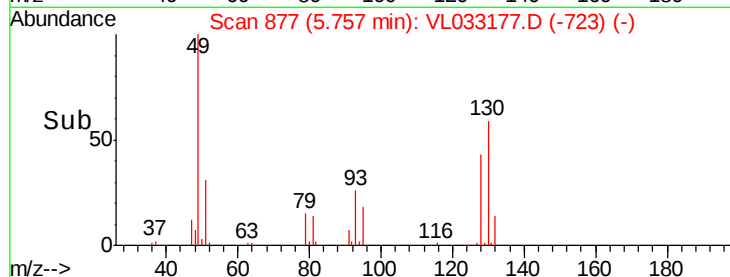
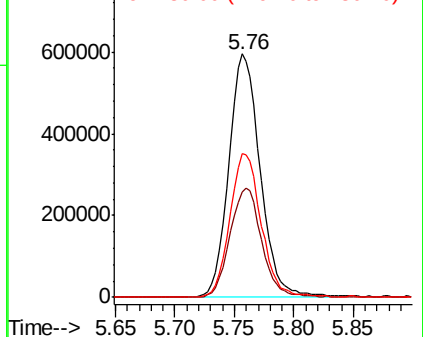
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.130 ppbv m

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033177.D

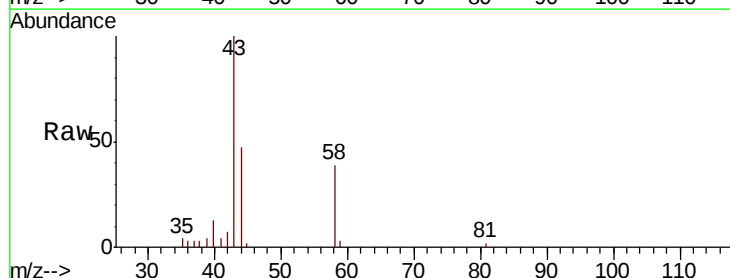
Acq: 6 Feb 2019 8:39

Tgt Ion: 43 Resp: 15877

Ion Ratio Lower Upper

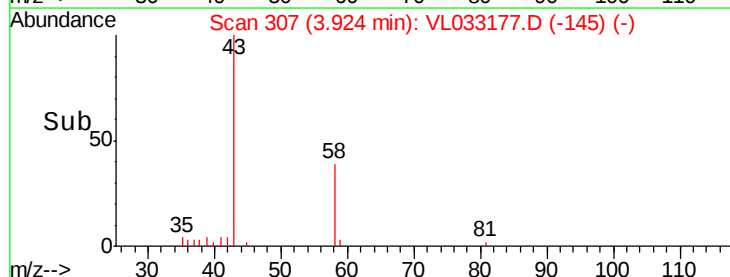
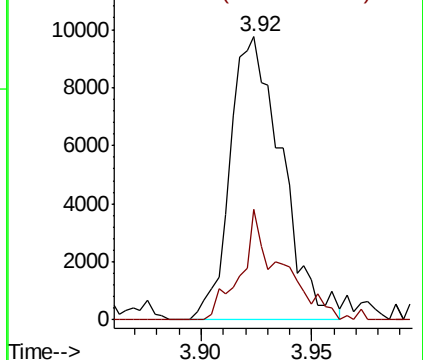
43 100

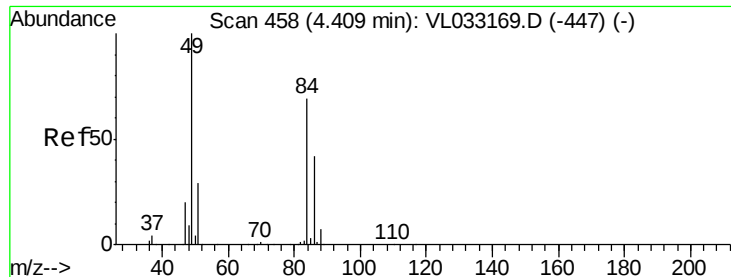
58 31.0 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





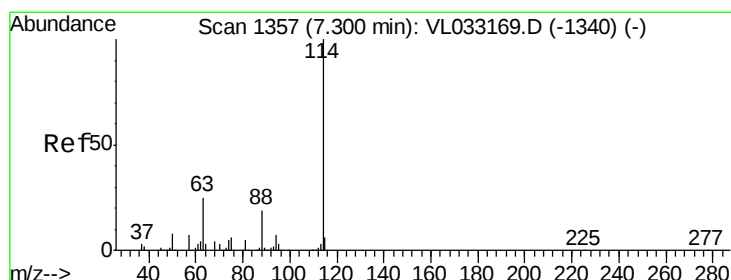
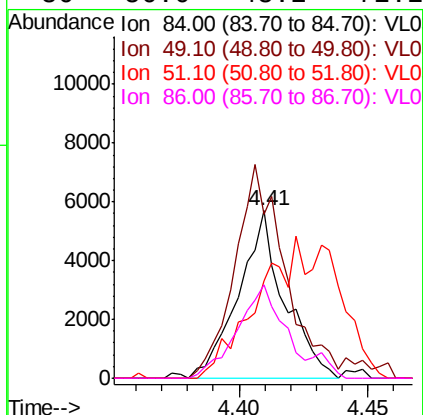
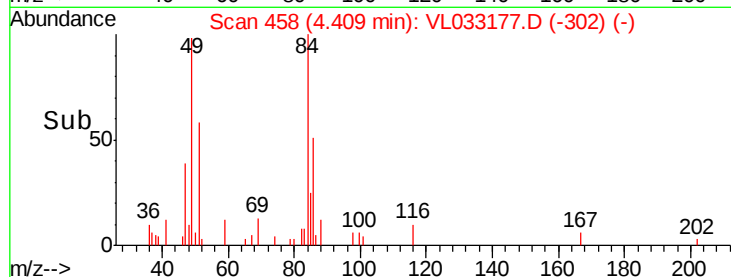
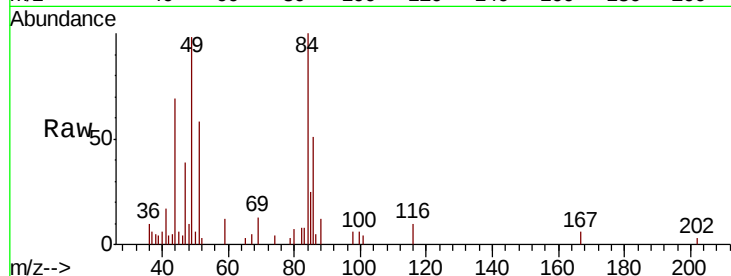
#20
Methylene Chloride
Concen: 0.145 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033177.D
Acq: 6 Feb 2019 8:39

Instrument :
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VL0205ABL01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	97.8	115.8	173.8#
51	58.2	33.0	49.6#
86	56.0	48.2	72.2

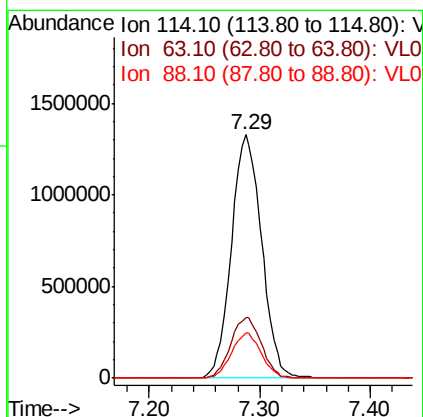
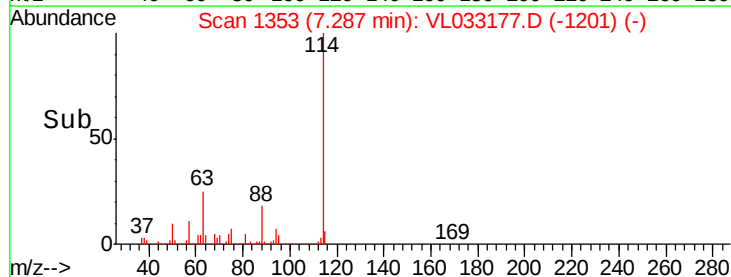
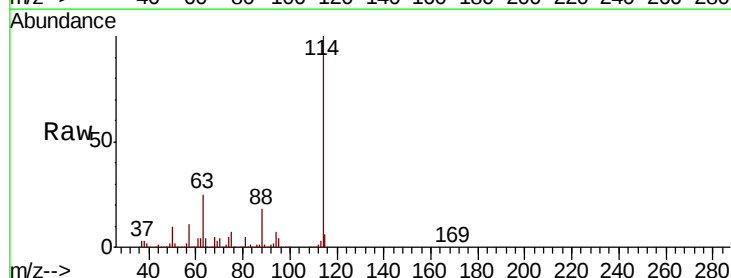
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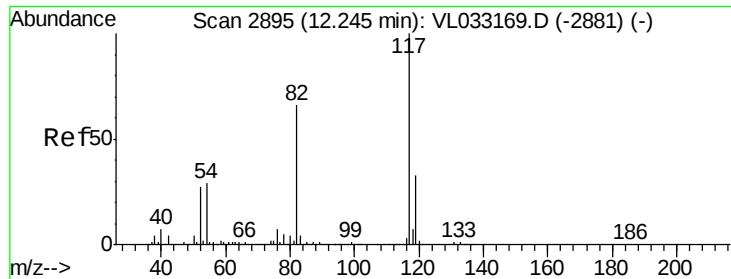
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033177.D
Acq: 6 Feb 2019 8:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.8	31.2
88	18.3	14.6	22.0





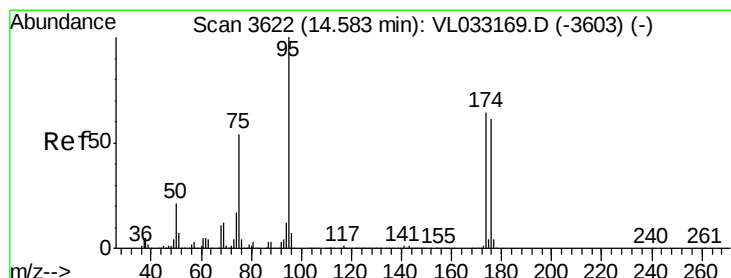
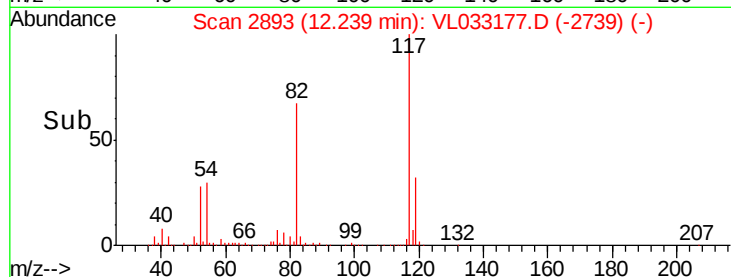
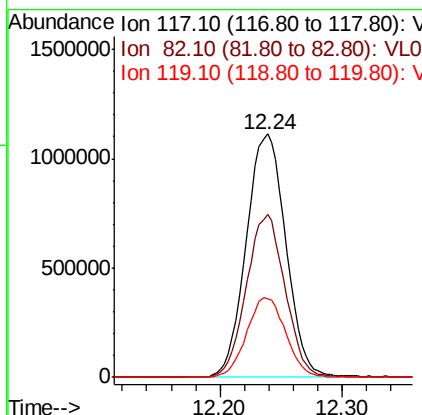
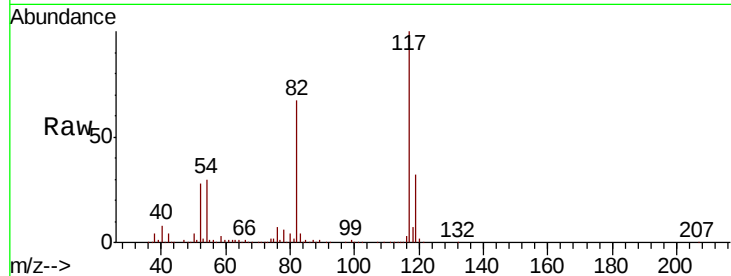
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033177.D
Acq: 6 Feb 2019 8:39

Instrument :
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Tgt Ion: 117 Resp: 2492269
Ion Ratio Lower Upper
117 100
82 65.6 53.8 80.8
119 32.5 46.9 70.3#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.204 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033177.D
Acq: 6 Feb 2019 8:39

Tgt Ion: 95 Resp: 1981951
Ion Ratio Lower Upper
95 100
174 65.2 51.1 76.7
175 4.7 3.8 5.6

