

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036193.D
 Acq On : 23 Dec 2020 13:38
 Operator : SY/AP
 Sample : VL1223ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1223ABL01

Manual Integrations
 APPROVED

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 12/26/2020 1:36:01 PM

Quant Time: Dec 24 05:36:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1283980	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2382256	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2193247	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1904469	10.94	ppbv	-0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	29670m	0.192	ppbv	
20) Methylene Chloride	4.33	84	7687m	0.122	ppbv	

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

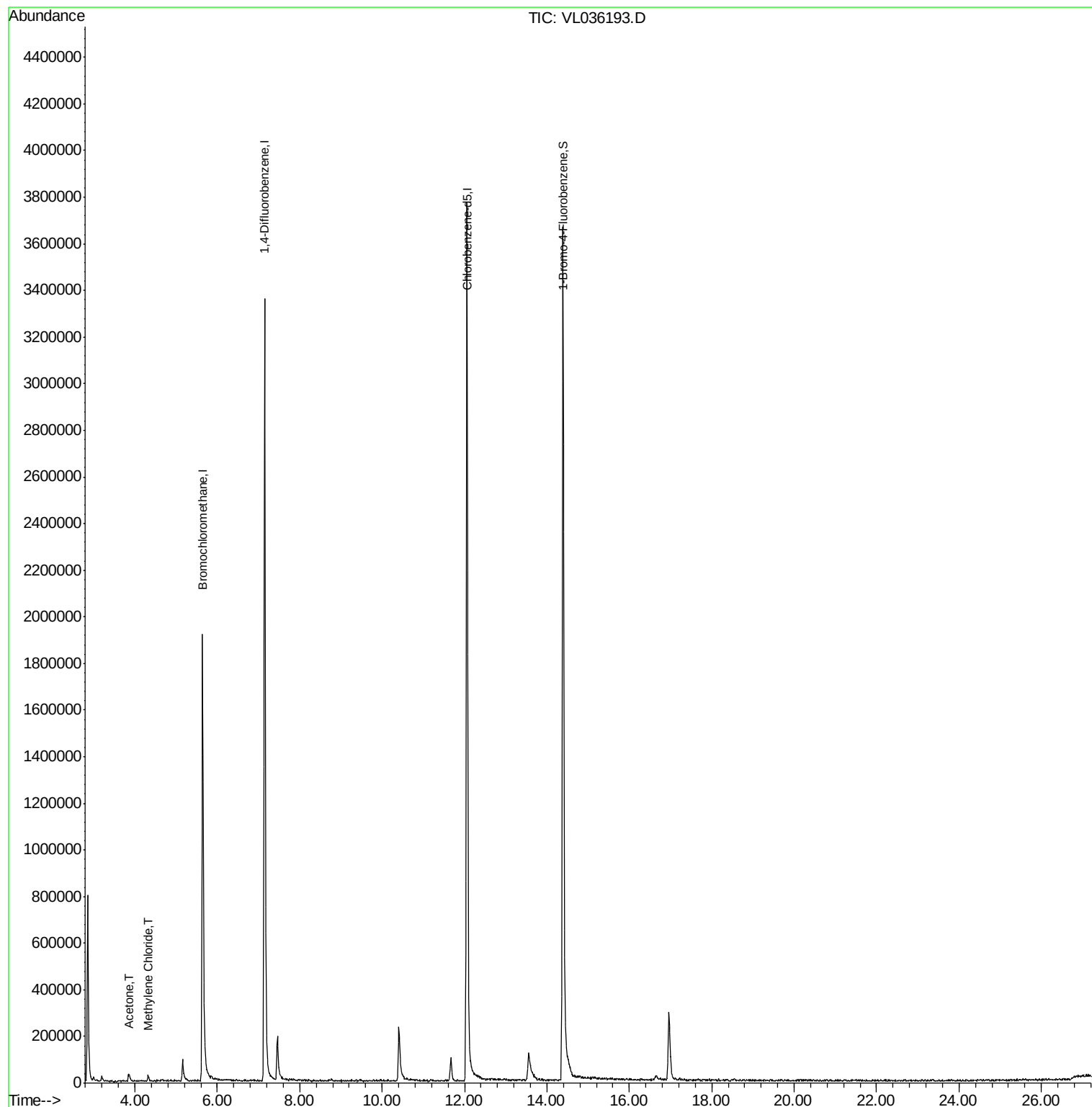
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Data File : VL036193.D
Acq On : 23 Dec 2020 13:38
Operator : SY/AP
Sample : VL1223ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

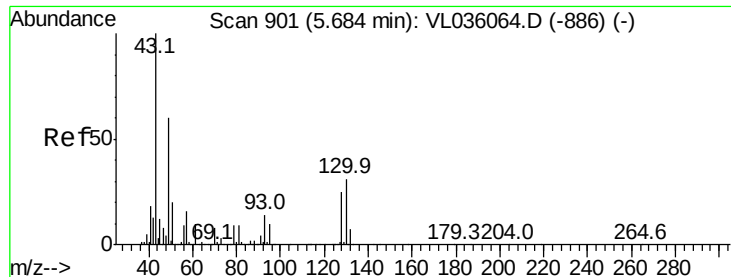
Instrument :
MSVOA_L
ClientSampleId :
VL1223ABL01

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12/26/2020 1:36:01 PM

Quant Time: Dec 24 05:36:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.04 min

Lab File: VL036193.D

Acq: 23 Dec 2020 13:38

Instrument :

MSVOA_L

ClientSampleId :

VL1223ABL01

Tot Ion: 49 Resp: 1283980

Ion Ratio Lower Upper

49 100

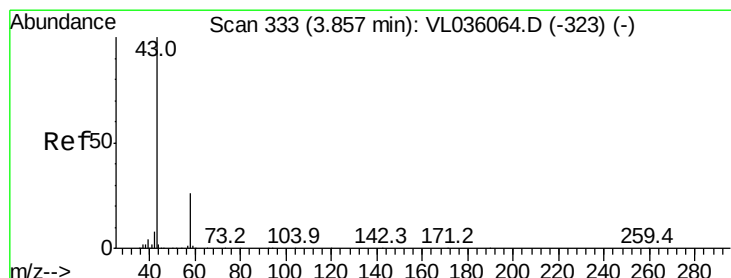
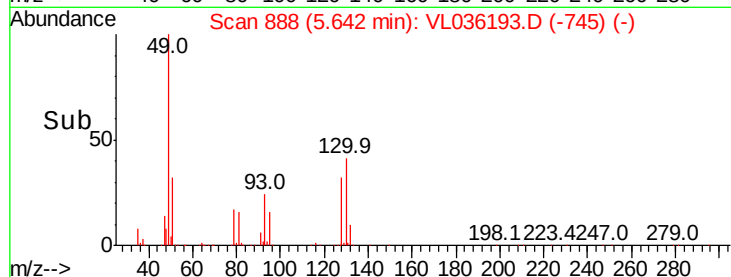
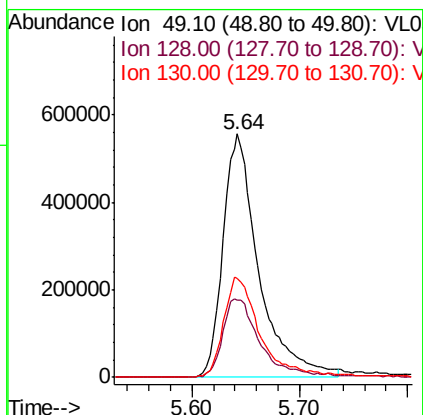
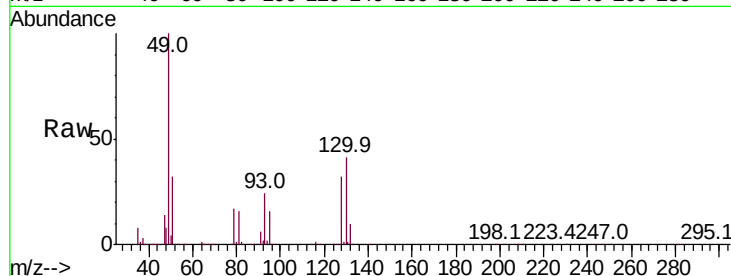
128 34.2 21.1 63.1

130 43.4 27.1 81.3

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#15

Acetone

Concen: 0.192 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL036193.D

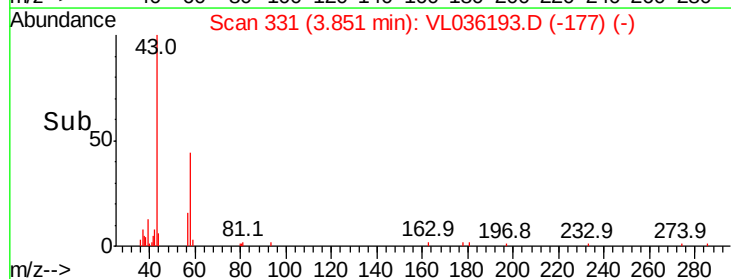
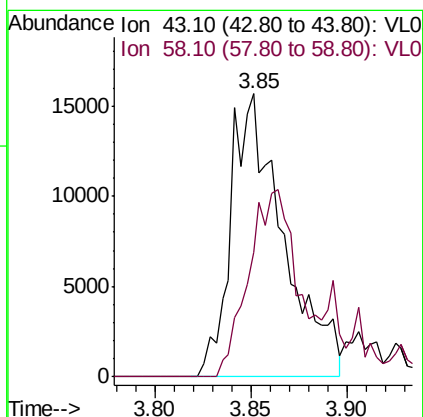
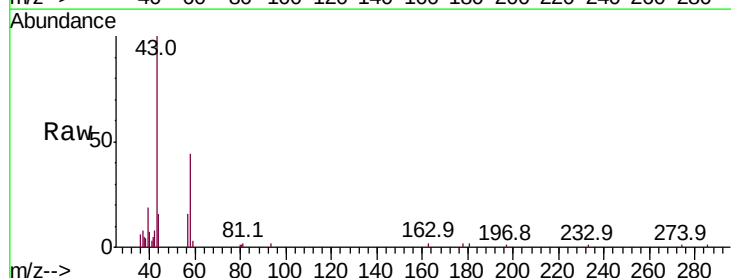
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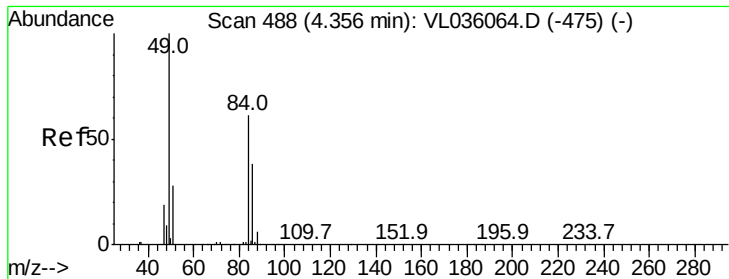
Tgt Ion: 43 Resp: 29670

Ion Ratio Lower Upper

43 100

58 0.0 20.9 31.3#





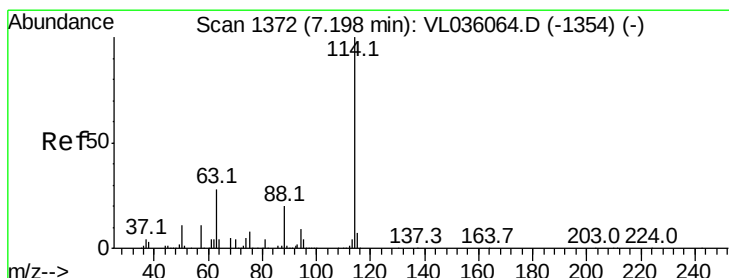
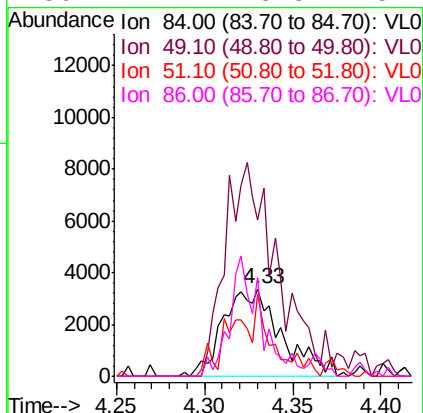
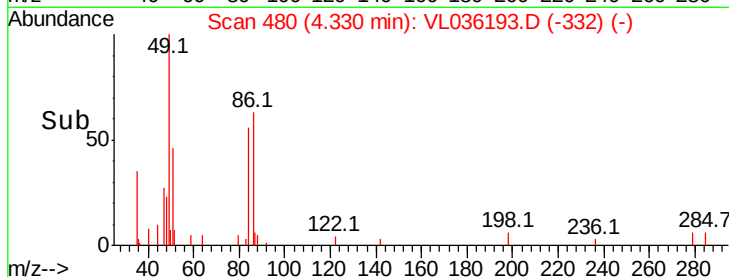
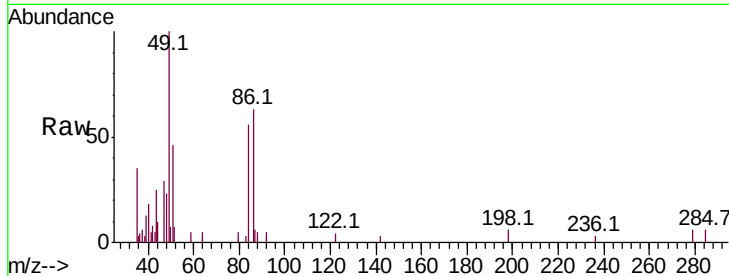
#20
Methylene Chloride
Concen: 0.122 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

Instrument :
MSVOA_L
ClientSampleID :
VL1223ABL01

Tot Ion	84	Resp:	7687
Ion	Ratio	Lower	Upper
84	100		
49	178.8	133.0	199.4
51	81.9	38.9	58.3#
86	112.7	48.8	73.2#

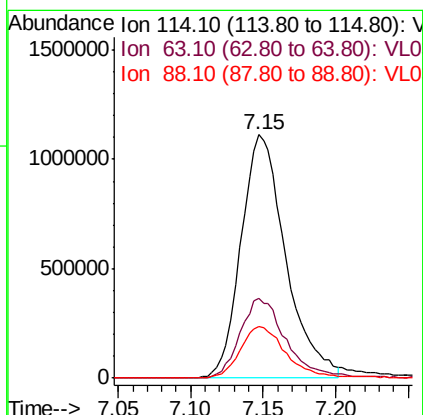
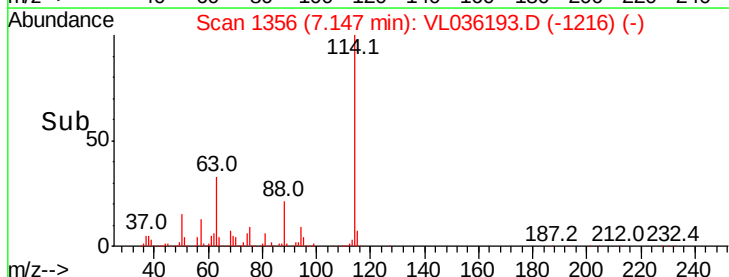
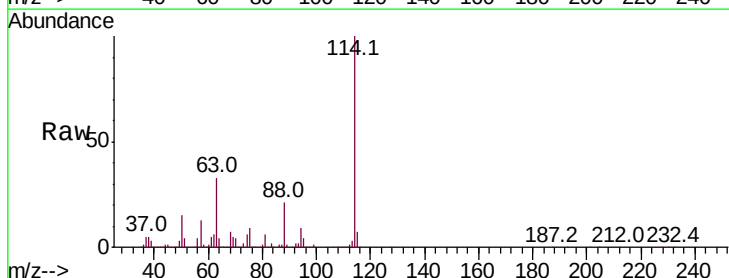
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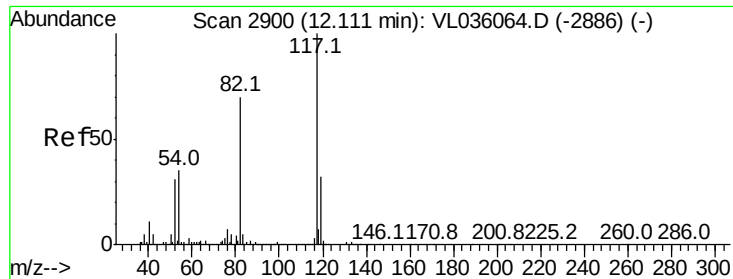
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.05 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

Tgt Ion	114	Resp:	2382256
Ion	Ratio	Lower	Upper
114	100		
63	34.2	23.6	35.4
88	22.1	15.8	23.6





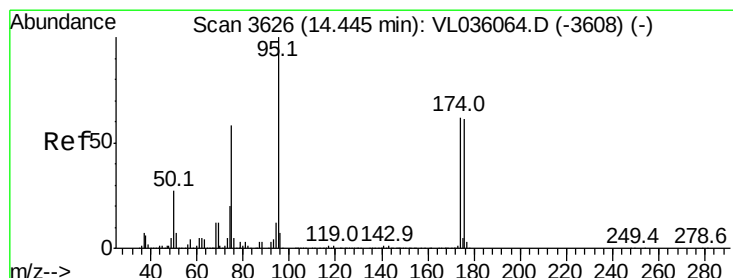
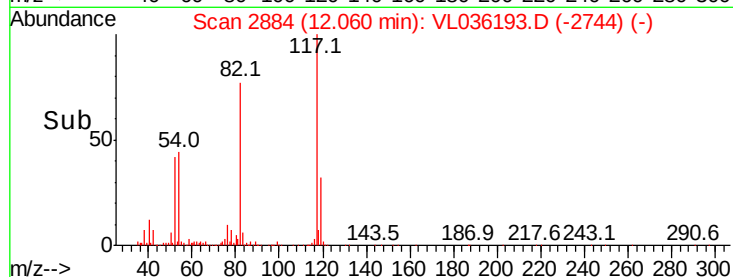
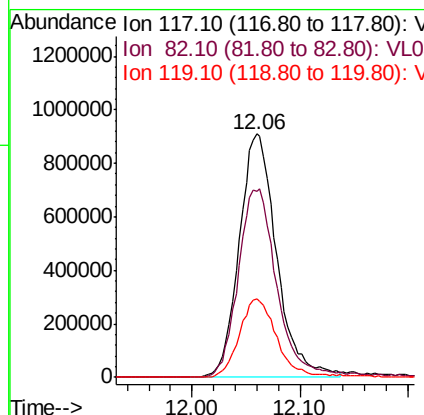
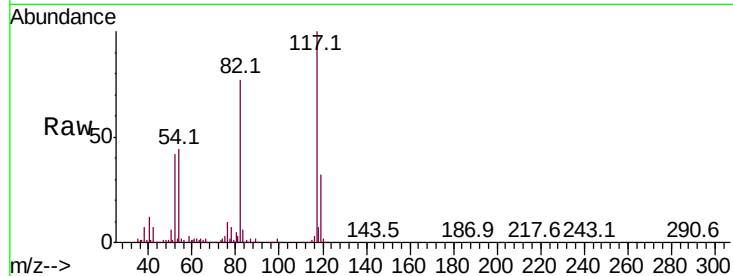
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

Instrument :
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Tot Ion:117 Resp: 2193247
Ion Ratio Lower Upper
117 100
82 80.4 0.0 0.0#
119 32.9 0.0 0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.936 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.06 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

Tgt Ion: 95 Resp: 1904469
Ion Ratio Lower Upper
95 100
174 53.9 50.7 76.1
175 4.0 4.0 6.0

