

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037206.D
 Acq On : 17 Jun 2021 17:58
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 6/21/2021 12:58:22 PM

Quant Time: Jun 18 02:44:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 14:06:32 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	1465709	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4328655	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3595740	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2711576	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.90	43	25315m	0.153	ppbv	
20) Methylene Chloride	4.35	84	17383m	0.176	ppbv	

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

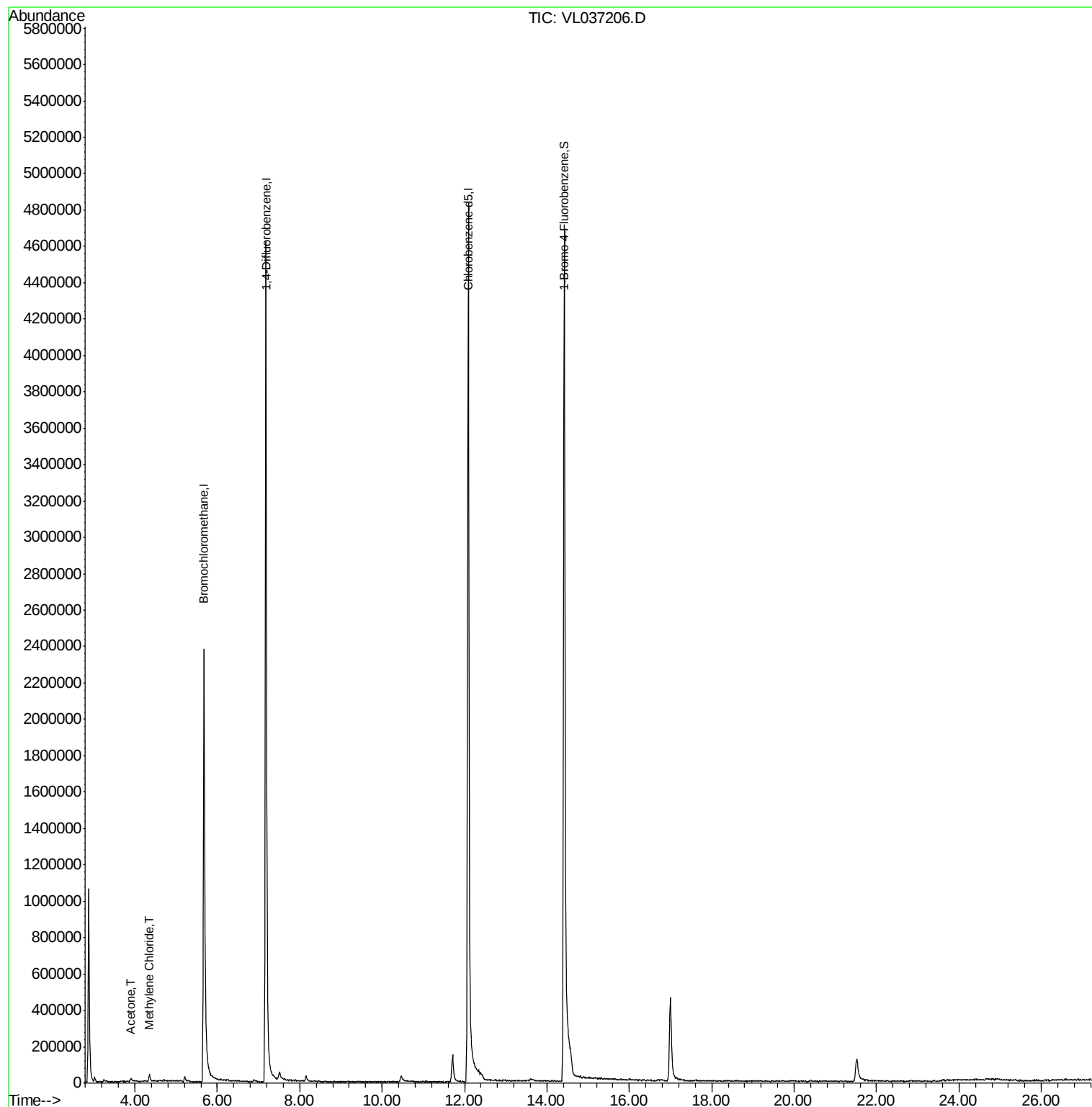
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061721\
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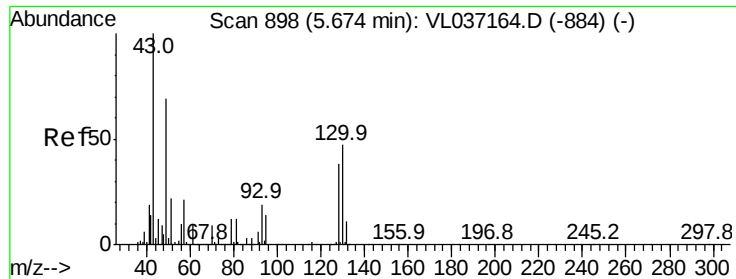
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jun 18 02:44:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037206.D

Acq: 17 Jun 2021 17:58

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1465709

Ion Ratio Lower Upper

49 100

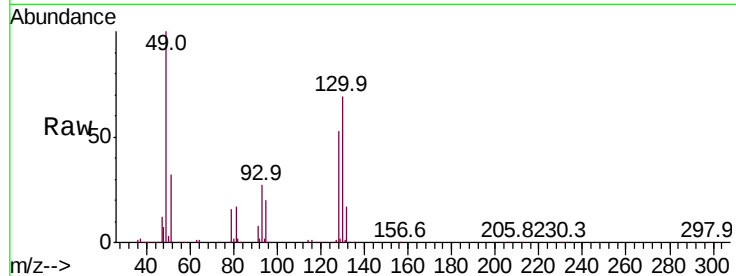
128 58.2 29.3 88.0

130 73.2 35.9 107.8

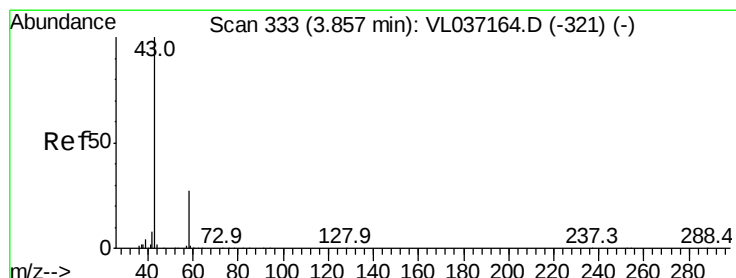
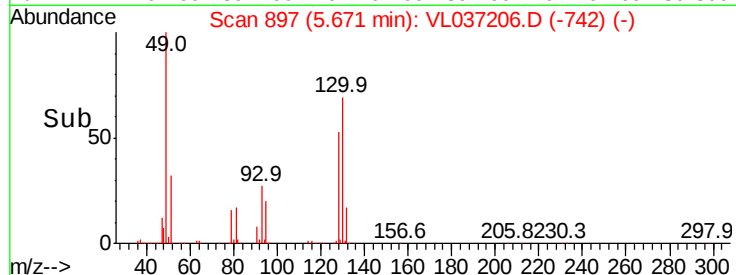
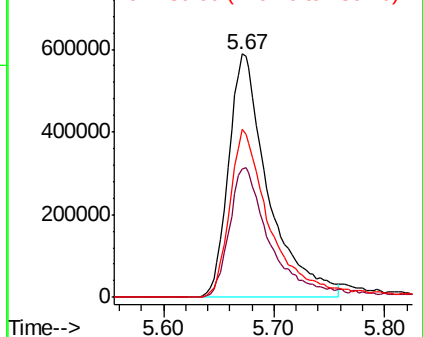
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.153 ppbv m

RT: 3.90 min Scan# 346

Delta R.T. 0.04 min

Lab File: VL037206.D

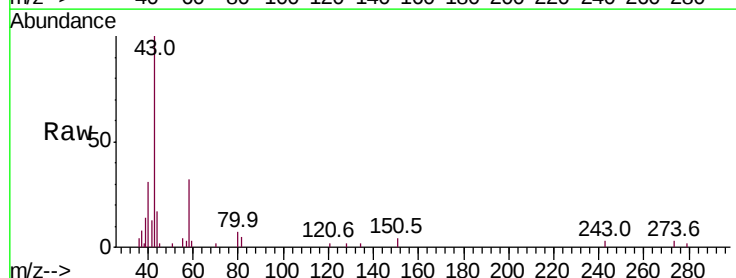
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Tgt Ion: 43 Resp: 25315

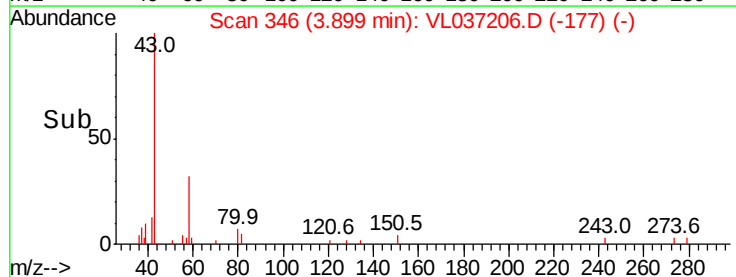
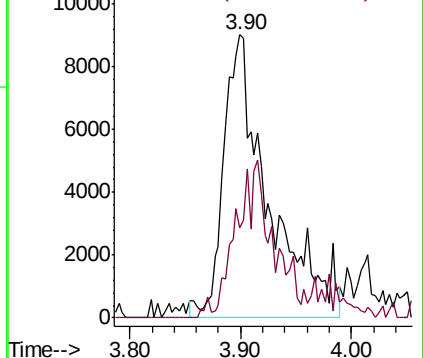
Ion Ratio Lower Upper

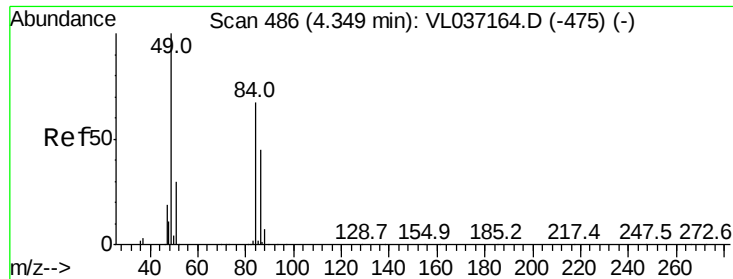
43 100

58 0.0 23.7 35.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





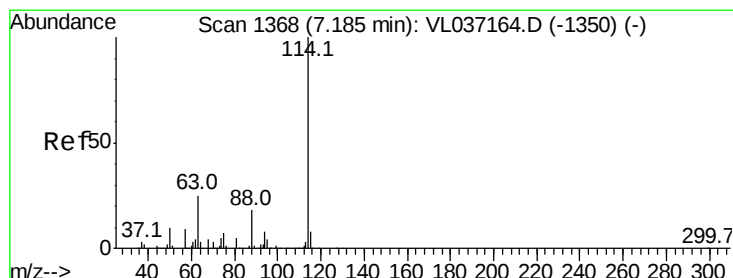
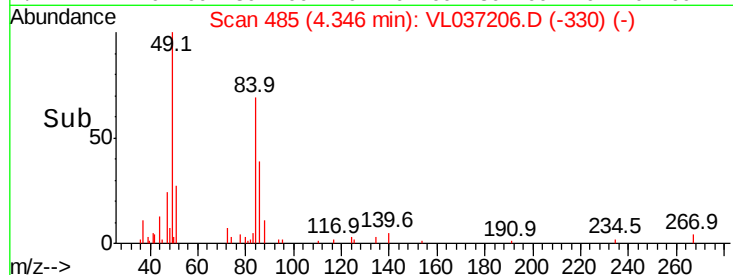
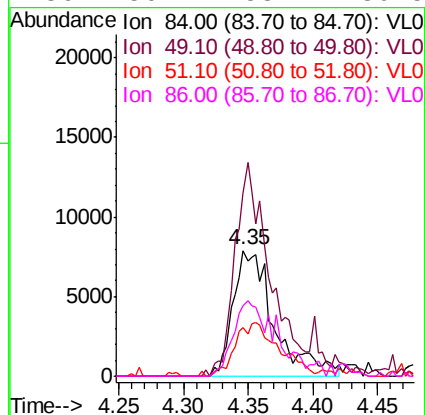
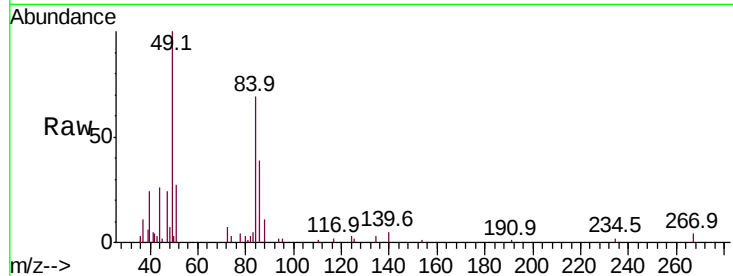
#20
Methvlene Chloride
Concen: 0.176 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	84	Resp	17383
Ion Ratio	Lower	Upper	
84	100		
49	145.3	119.7	179.5
51	38.7	36.1	54.1
86	56.2	53.7	80.5

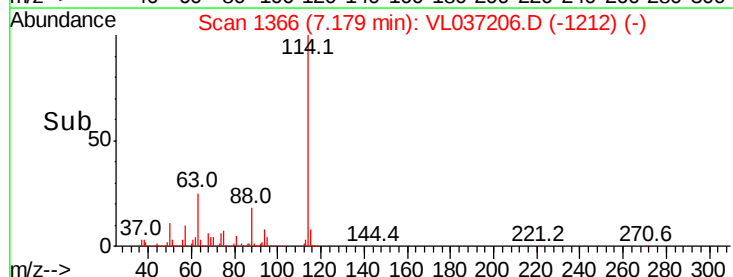
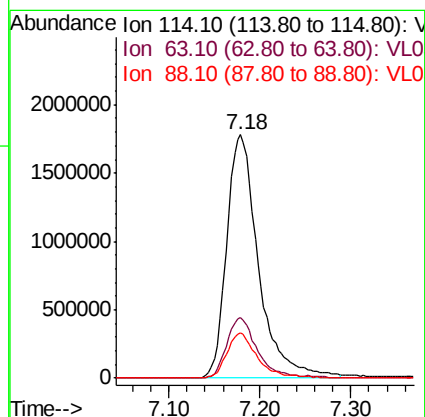
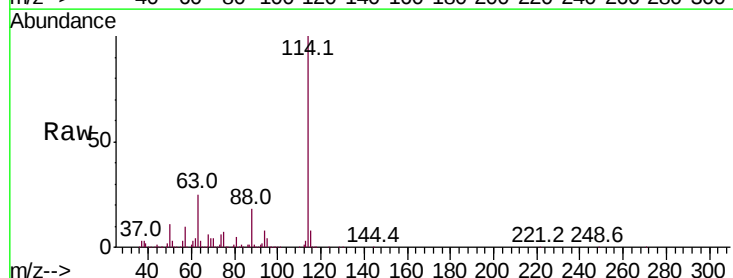
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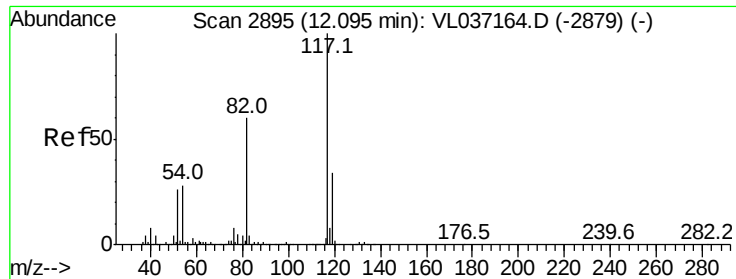
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Tgt Ion	114	Resp	4328655
Ion Ratio	Lower	Upper	
114	100		
63	24.6	19.6	29.4
88	17.9	14.2	21.2





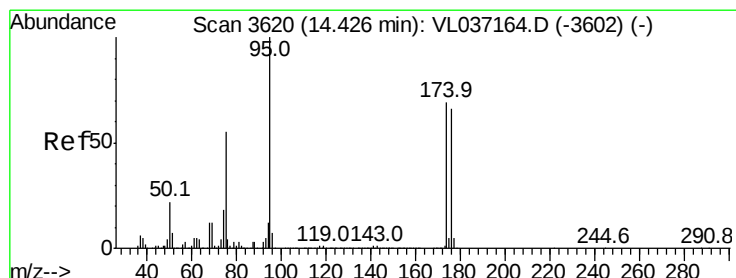
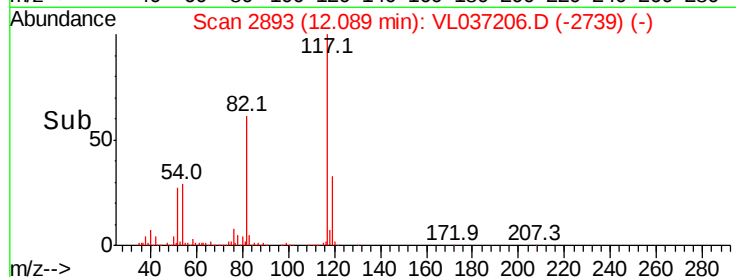
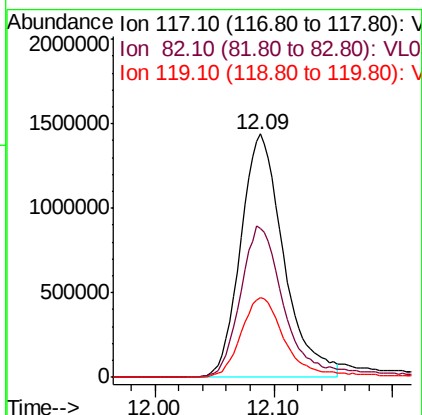
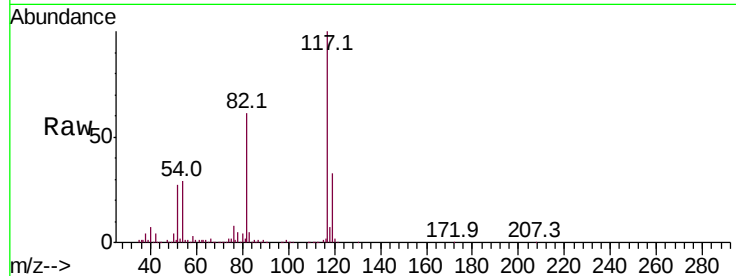
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 3595740
Ion Ratio Lower Upper
117 100
82 66.9 51.7 77.5
119 35.8 47.6 71.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.952 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Tgt Ion: 95 Resp: 2711576
Ion Ratio Lower Upper
95 100
174 75.4 57.0 85.4
175 5.7 4.4 6.6

