

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037709.D
 Acq On : 28 Sep 2021 19:24
 Operator : SY/AP
 Sample : M3948-01DL2 57X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 20:47:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1300472	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4006097	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3516224	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2473591	9.73	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%
Target Compounds						
15) Acetone	3.86	43	1647970	12.197	ppbv	99
52) Tetrachloroethene	11.22	164	19975m	0.156	ppbv	

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

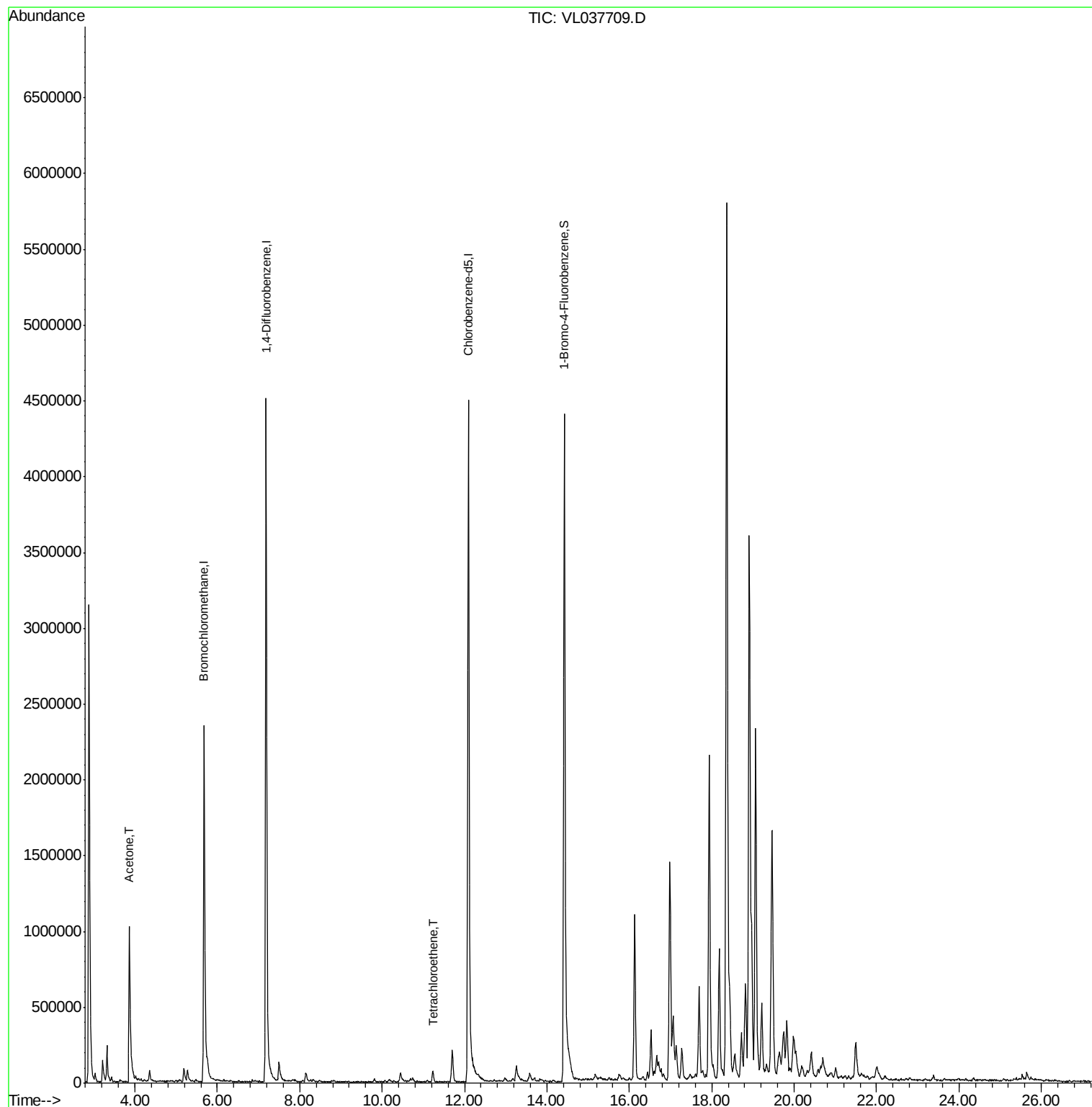
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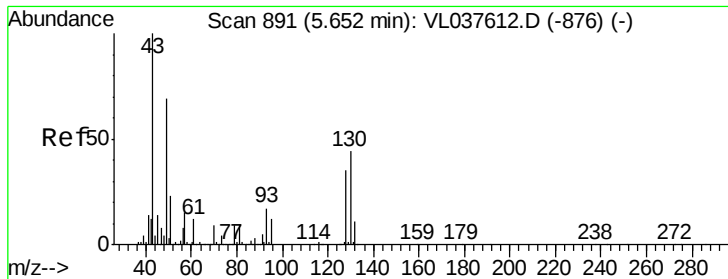
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Manual Integrations
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Quant Time: Sep 29 20:47:47 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 19:24 SV1DL2

Tgt Ion:

Ion Ratio

49 100

128 56.

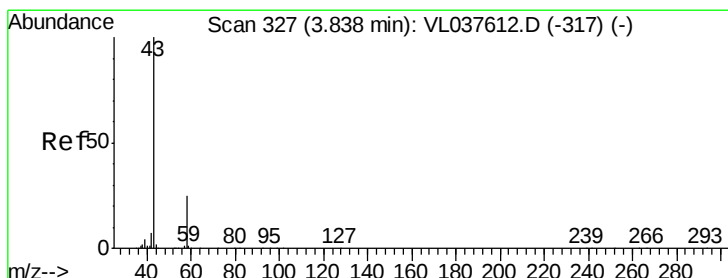
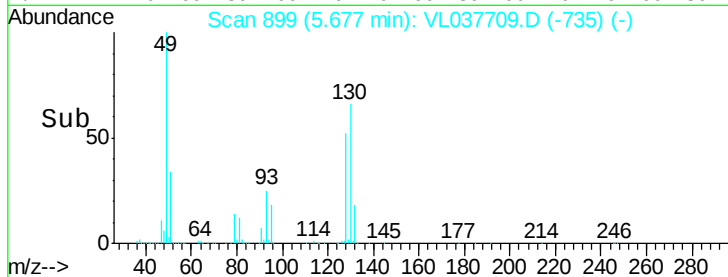
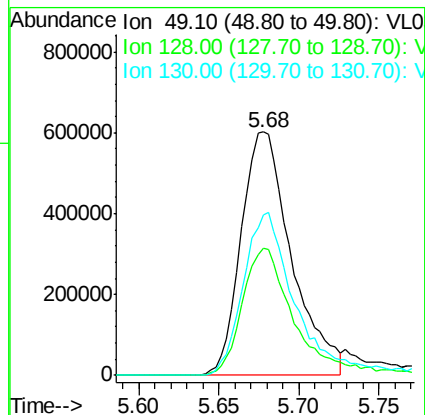
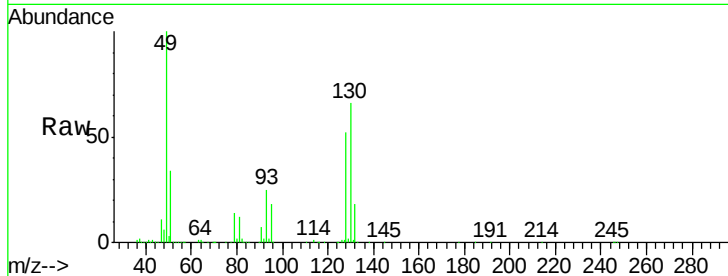
130 71.

Manual Integrations

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#15

Acetone

Concen: 12.197 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL037709.D

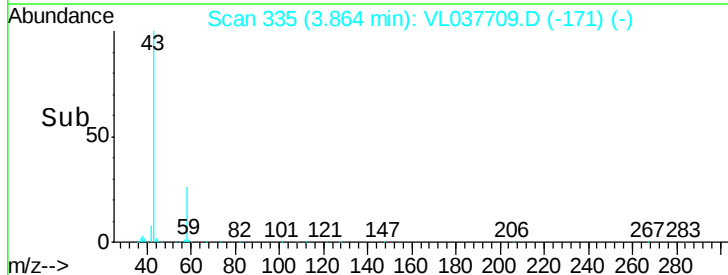
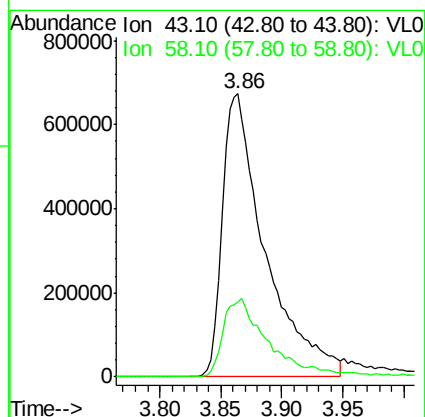
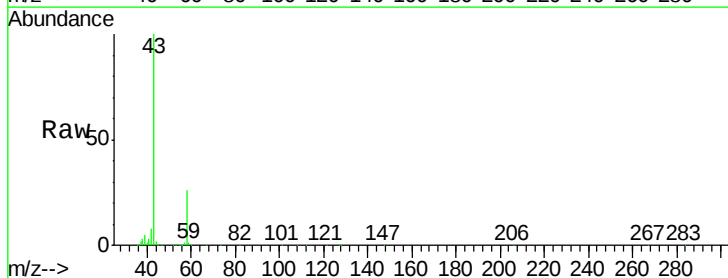
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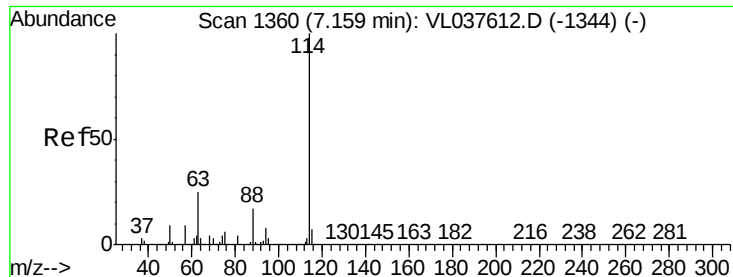
Tgt Ion: 43 Resp: 1647970

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min

Instrument: MSVOA_L

Delta R.T.:

Lab File: ClientSampleId: SV1DL2

Acq: 28 Sep 2021 19:24

Tgt Ion: 114

Ion Ratio: 100

63 24

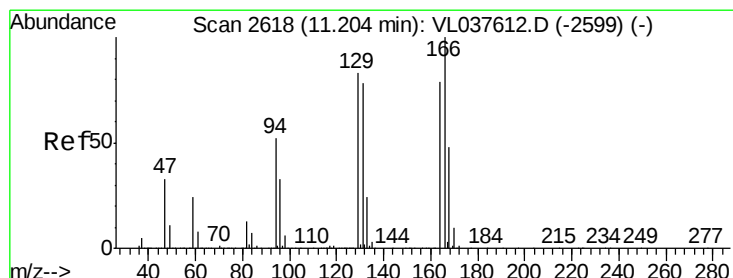
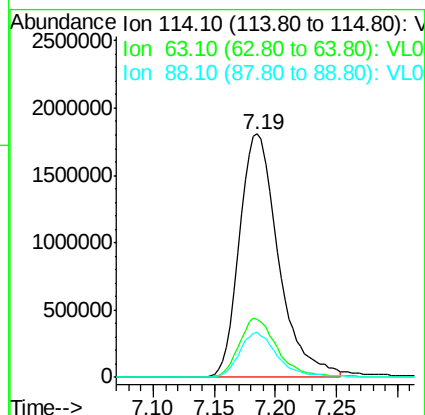
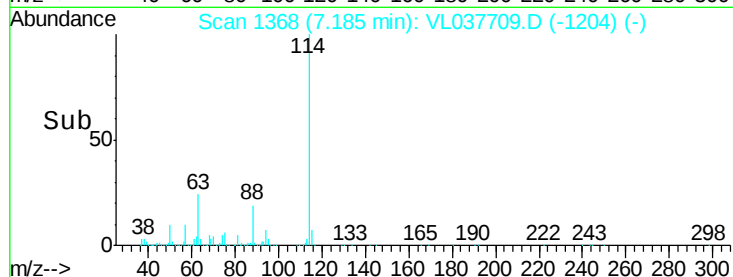
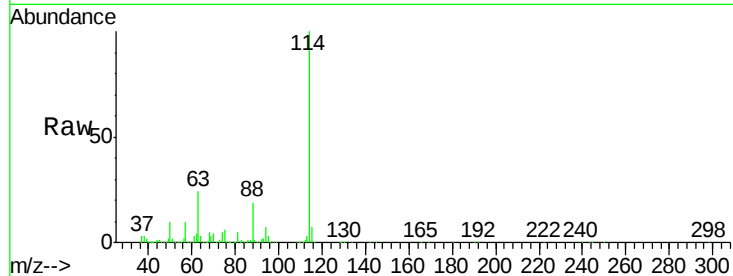
88 18

Manual Integrations

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#52

Tetrachloroethene

Concen: 0.156 ppbv m

RT: 11.22 min Scan# 2624

Delta R.T. 0.02 min

Lab File: VL037709.D

Acq: 28 Sep 2021 19:24

Tgt Ion: 164 Resp: 19975

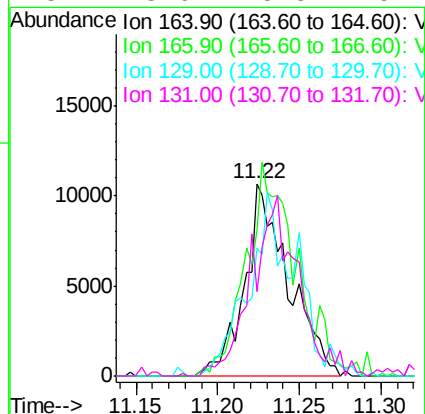
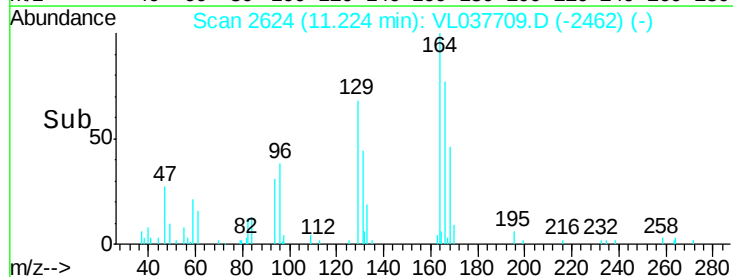
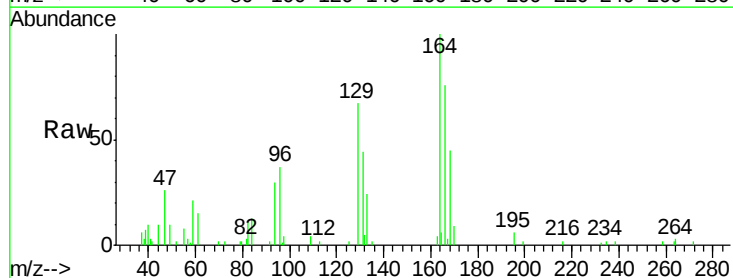
Ion Ratio Lower Upper

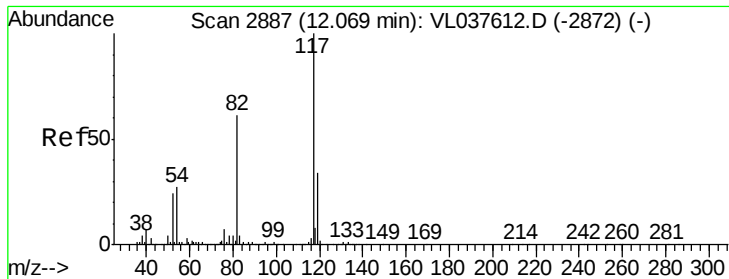
164 100

166 75.9 101.2 151.8#

129 66.6 84.0 126.0#

131 43.6 78.8 118.2#



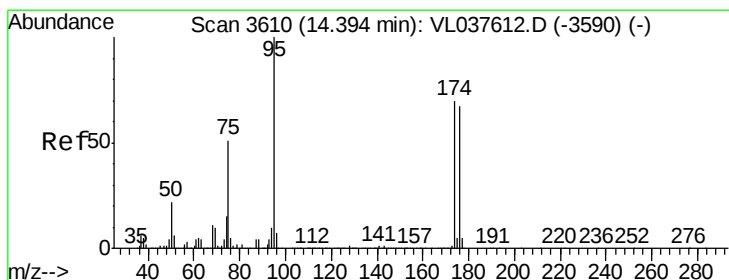
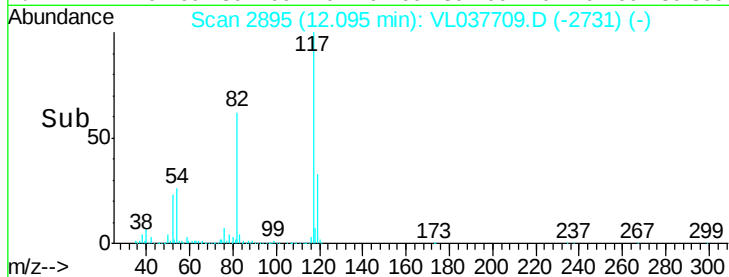
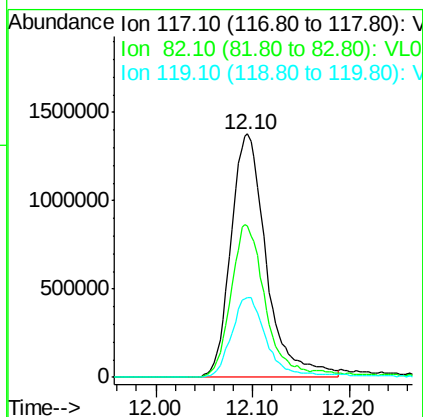
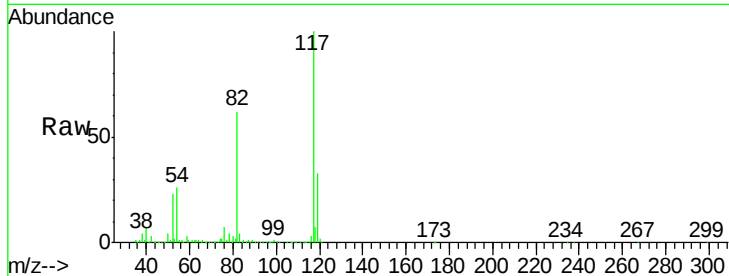


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV1DL2
Acq: 28 Sep 2021 19:24

Tgt Ion: 117
Ion Ratio: 100
82 64.1
119 33.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.734 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.03 min
Lab File: VL037709.D
Acq: 28 Sep 2021 19:24

Tgt Ion: 95 Resp: 2473591
Ion Ratio Lower Upper
95 100
174 75.8 56.3 84.5
175 5.7 4.4 6.6

