

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
 Data File : VL038285.D
 Acq On : 26 Jan 2022 12:16
 Operator : SY/AP
 Sample : VL0126ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0126ABL01

Quant Time: Jan 27 02:53:38 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	768096	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2159049	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	1758197	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1319673	9.89	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

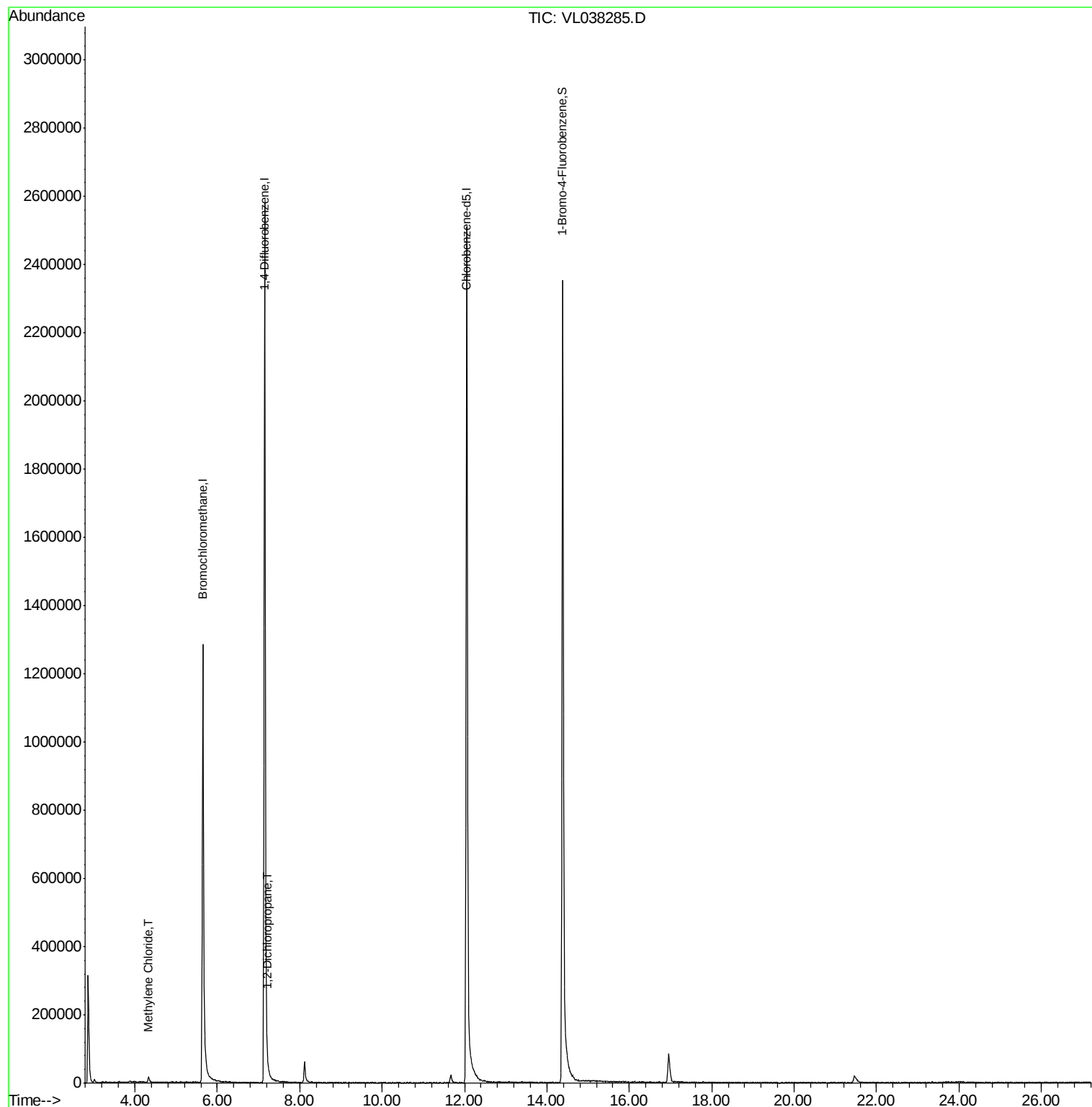
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.33	84	5230	0.133	ppbv #	80
39) 1,2-Dichloropropane	7.21	63	8277	0.107	ppbv #	25

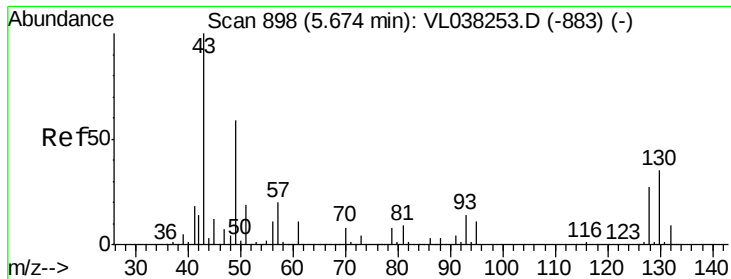
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 27 02:53:38 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:16

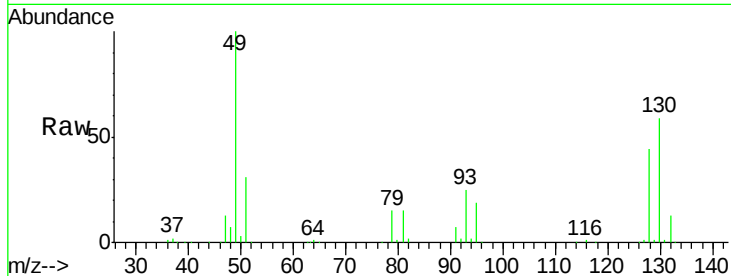
Tgt Ion: 49 Resp: 768096

Ion Ratio Lower Upper

49 100

128 49.3 24.5 73.5

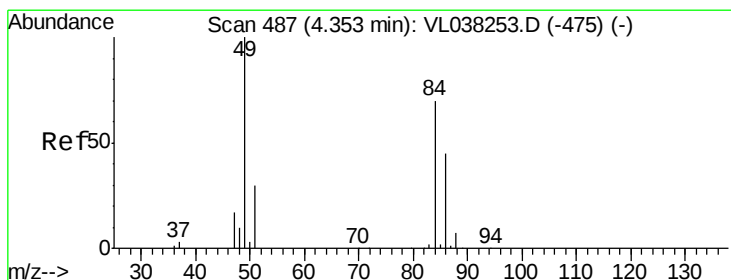
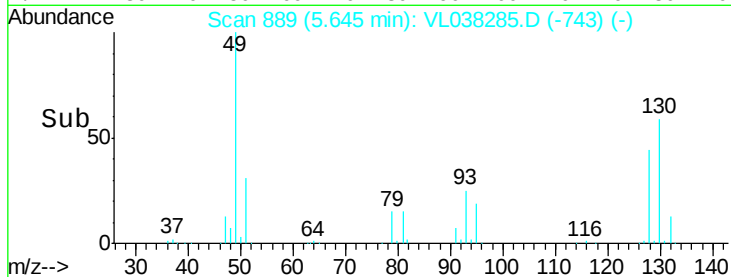
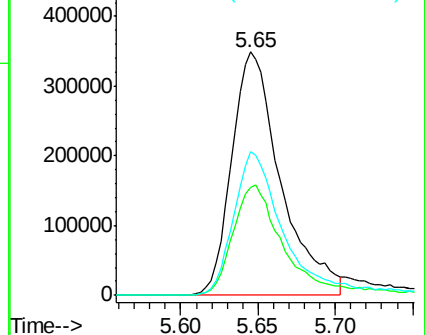
130 62.3 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.133 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL038285.D

Acq: 26 Jan 2022 12:16

Tgt Ion: 84 Resp: 5230

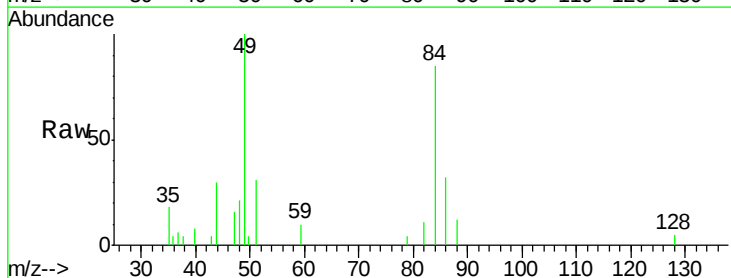
Ion Ratio Lower Upper

84 100

49 123.1 115.0 172.6

51 36.9 35.0 52.6

86 38.3 51.4 77.0#

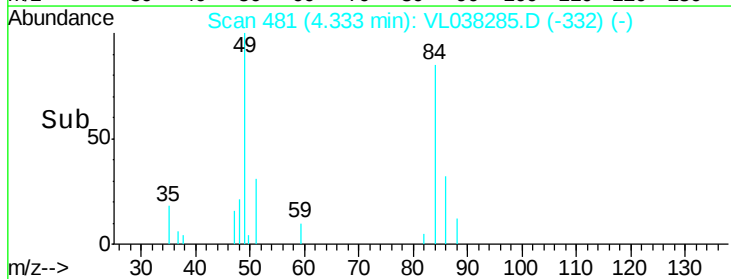
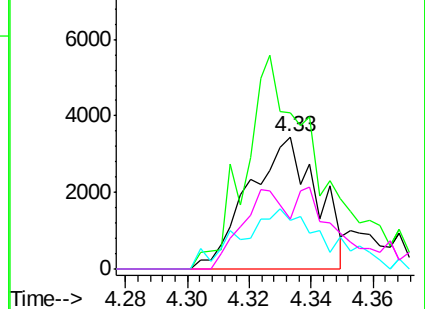


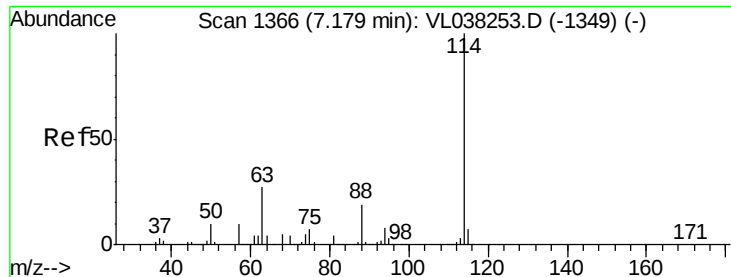
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

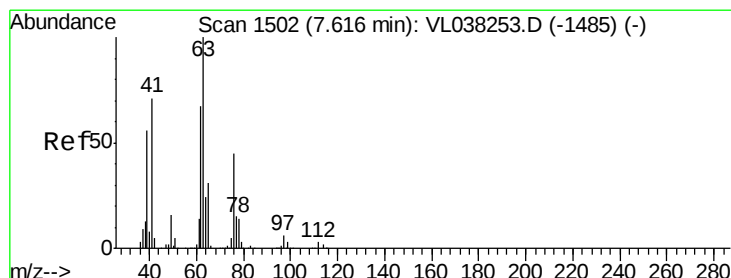
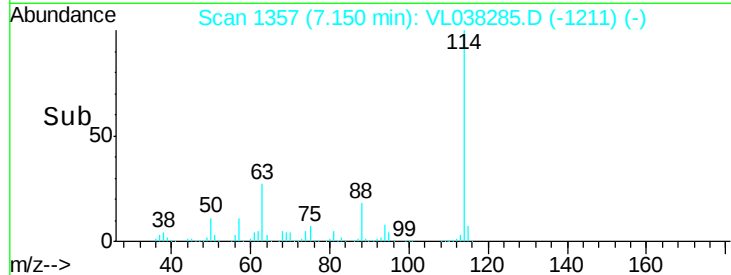
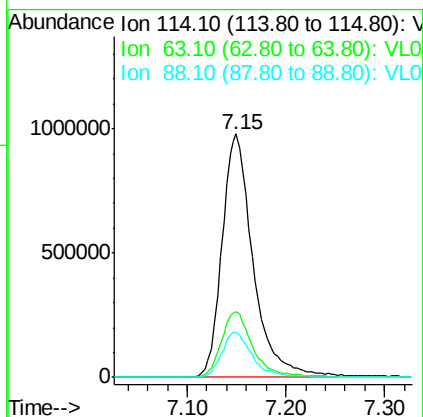
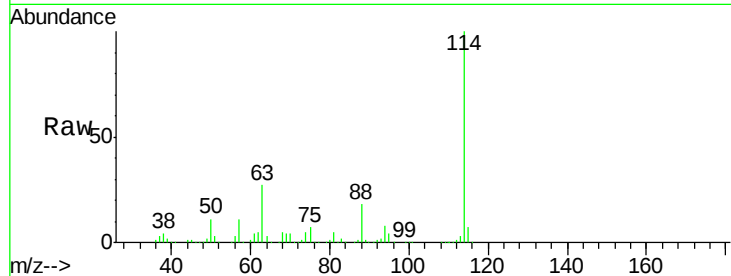
Ion 86.00 (85.70 to 86.70): VL0





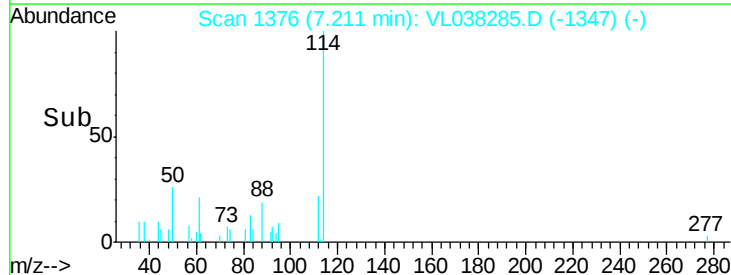
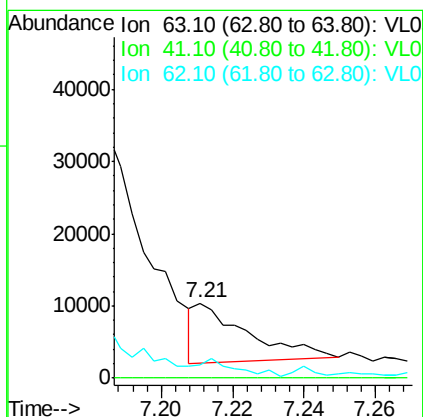
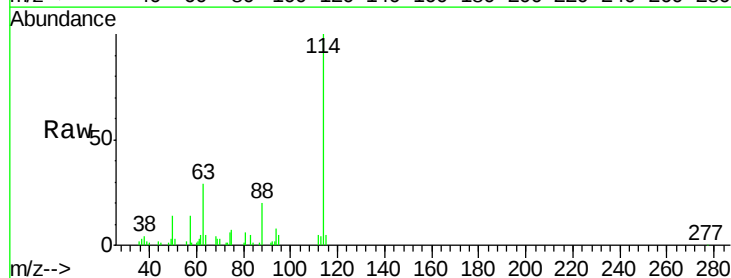
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABL01
 Acq: 26 Jan 2022 12:10

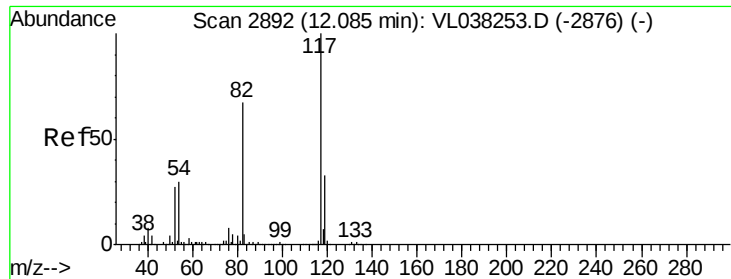
Tgt Ion: 114 Resp: 2159049
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.0 33.0
 88 18.6 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 0.107 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.41 min
 Lab File: VL038285.D
 Acq: 26 Jan 2022 12:16

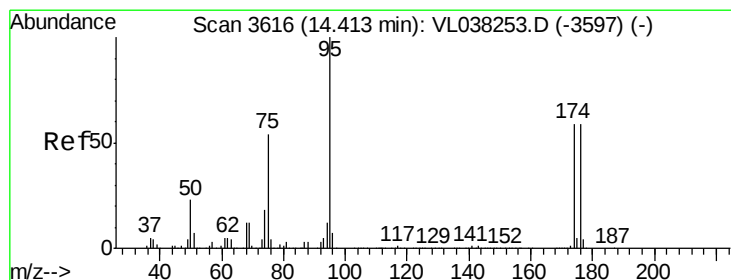
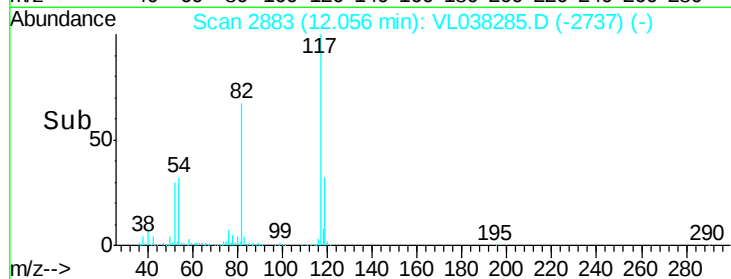
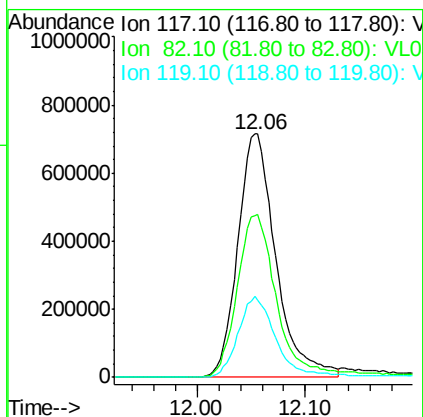
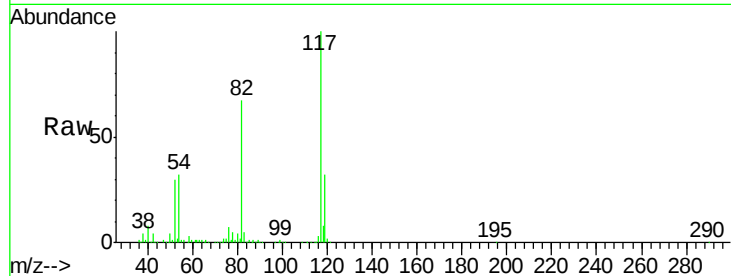
Tgt Ion: 63 Resp: 8277
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 16.3 53.9 80.9#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABL01
Acq: 26 Jan 2022 12:10

Tgt Ion: 117 Resp: 1758197
Ion Ratio Lower Upper
117 100
82 73.9 54.4 81.6
119 34.9 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.889 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.03 min
Lab File: VL038285.D
Acq: 26 Jan 2022 12:16

Tgt Ion: 95 Resp: 1319673
Ion Ratio Lower Upper
95 100
174 61.9 48.3 72.5
175 4.3 3.5 5.3

