

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
 Data File : VL038497.D
 Acq On : 3 Mar 2022 00:43
 Operator : SY/AP
 Sample : CAN 10673
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10673

Quant Time: Mar 03 03:16:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	841932	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	1897465	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1643274	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1365089	10.04	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

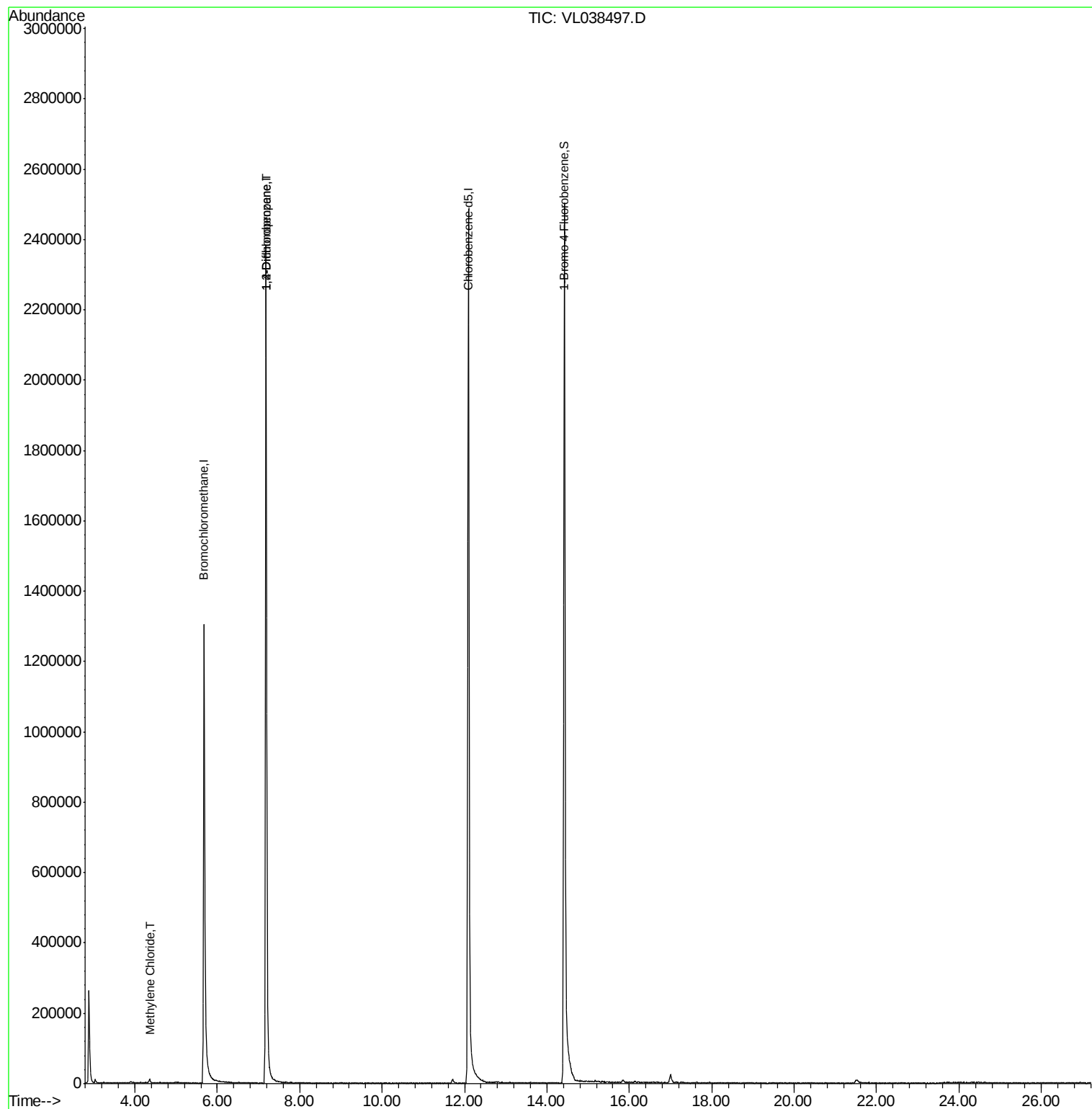
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.36	84	3451	0.10	ppbv #	75
39) 1,2-Dichloropropane	7.18	63	518616	7.79	ppbv #	24

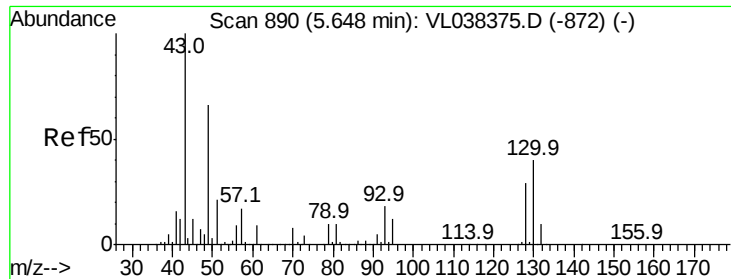
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2022 00:43 CAN 10673

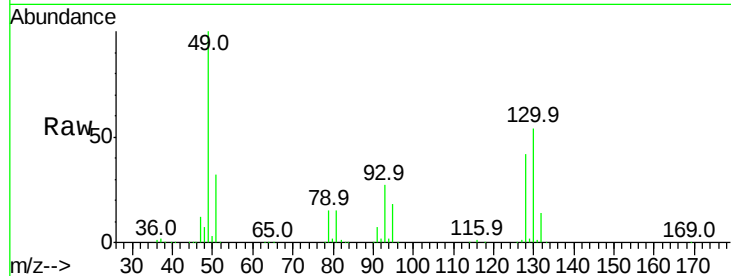
Tgt Ion: 49 Resp: 841932

Ion Ratio Lower Upper

49 100

128 44.9 24.3 72.9

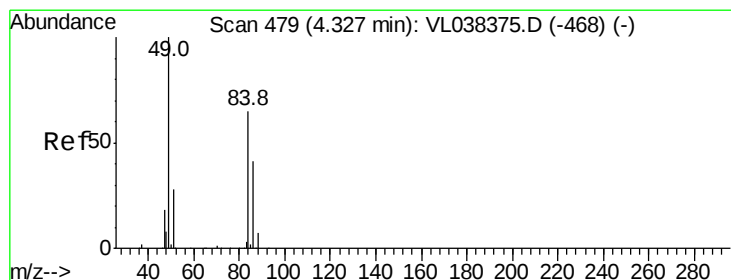
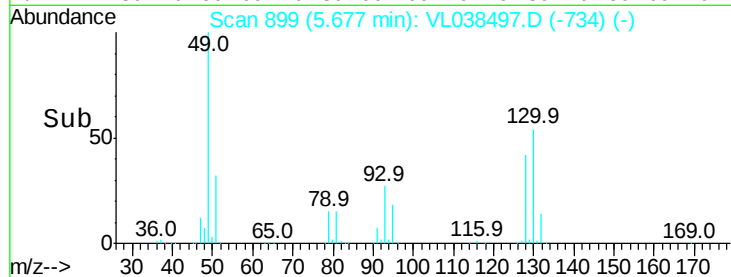
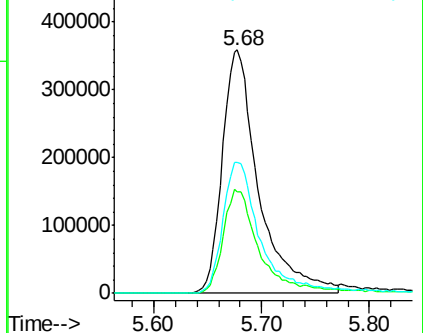
130 56.8 30.1 90.5



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: 0.10 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.03 min

Lab File: VL038497.D

Acq: 3 Mar 2022 00:43

Tgt Ion: 84 Resp: 3451

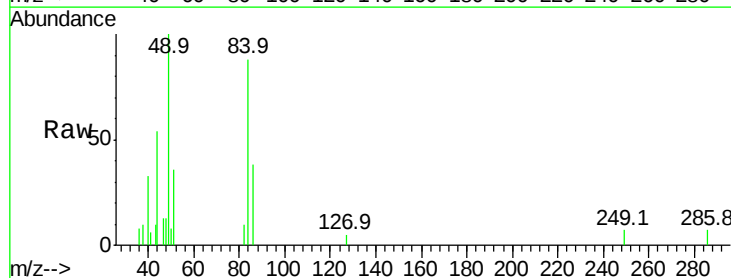
Ion Ratio Lower Upper

84 100

49 113.4 122.4 183.6#

51 40.6 33.3 49.9

86 43.6 50.7 76.1#

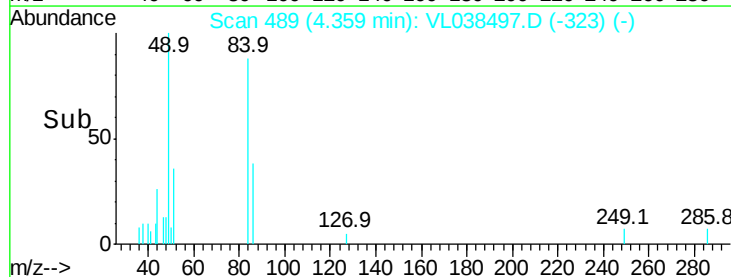
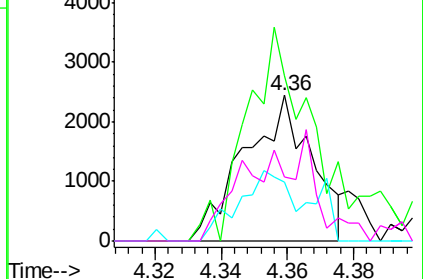


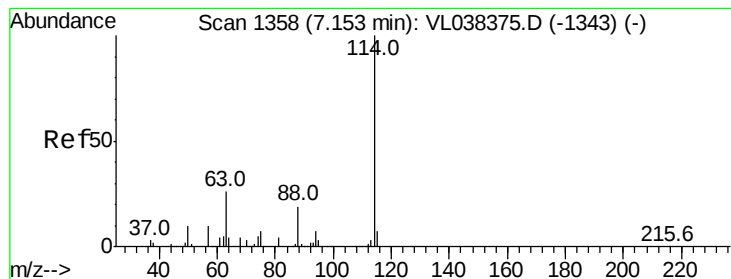
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 10.00 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 00:43 CAN 10673

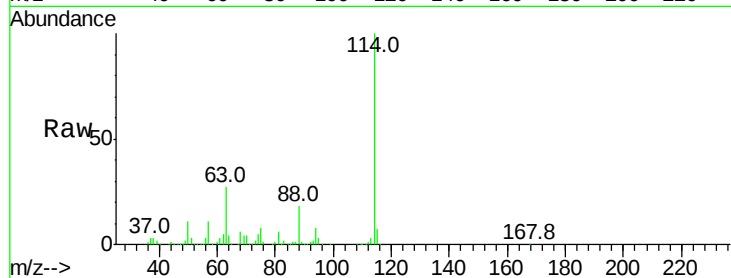
Tgt Ion: 114 Resp: 1897465

Ion Ratio Lower Upper

114 100

63 28.1 22.2 33.2

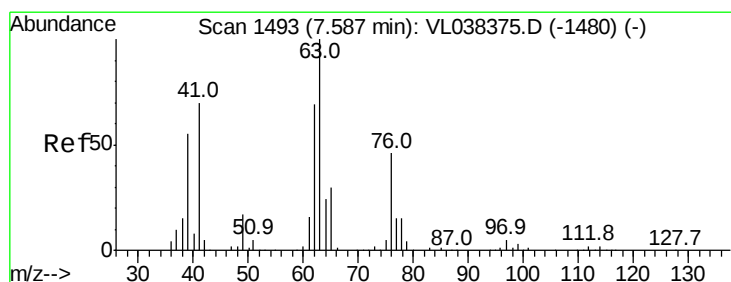
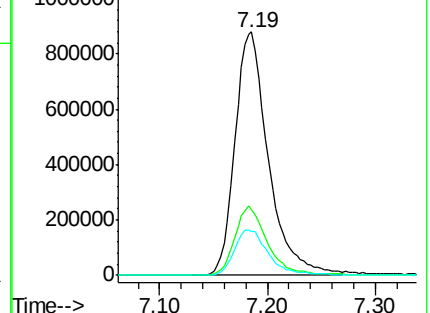
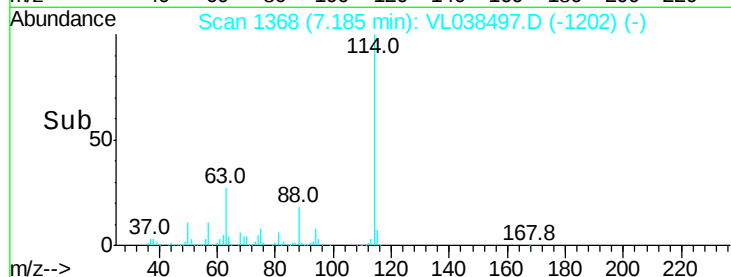
88 19.3 15.2 22.8



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.79 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.40 min

Lab File: VL038497.D

Acq: 3 Mar 2022 00:43

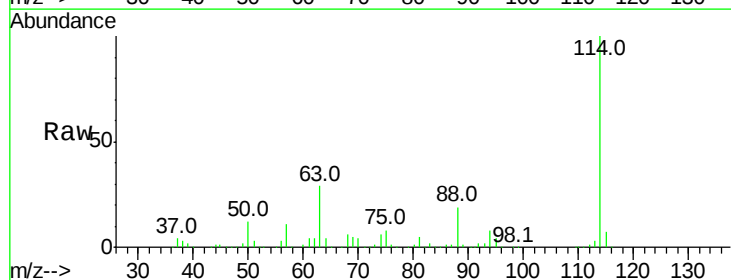
Tgt Ion: 63 Resp: 518616

Ion Ratio Lower Upper

63 100

41 0.0 56.1 84.1#

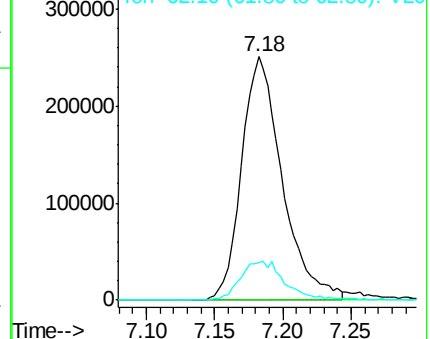
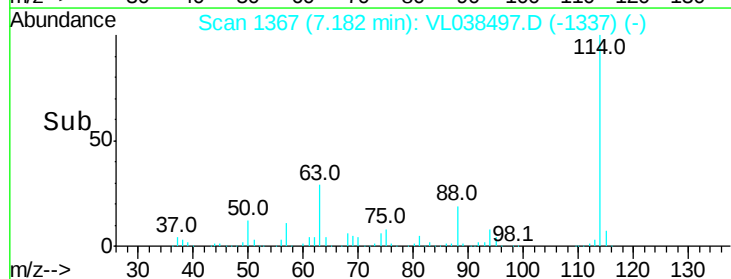
62 15.4 55.5 83.3#

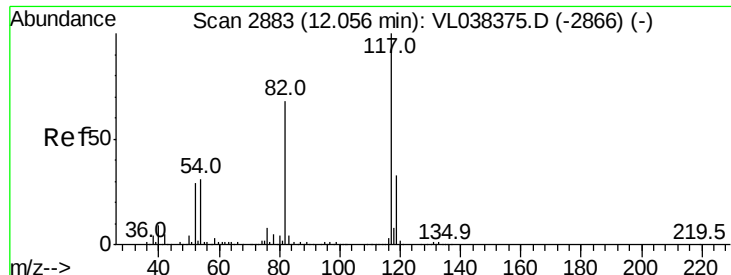


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

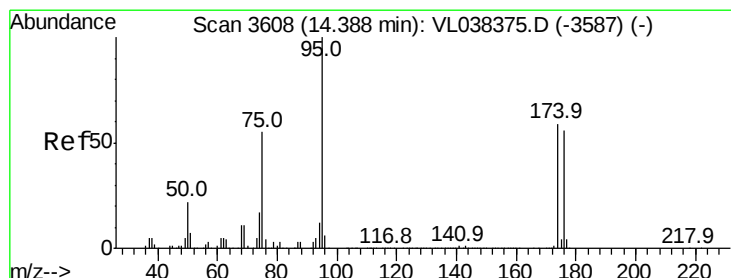
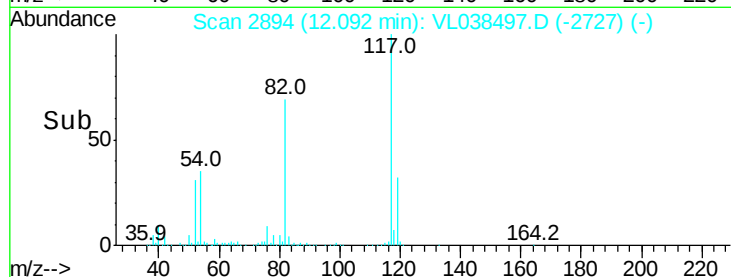
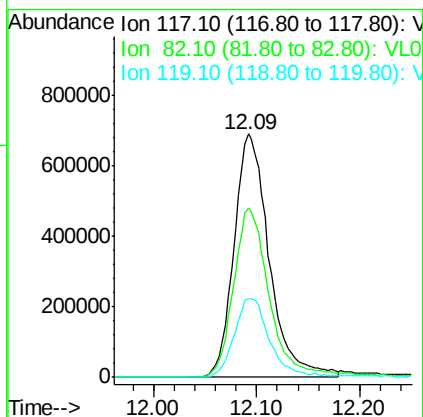
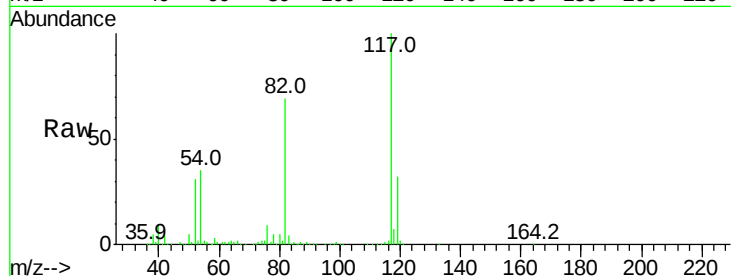
Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 00:43

Tgt Ion: 117 Resp: 1643274
 Ion Ratio Lower Upper
 117 100
 82 72.8 54.9 82.3
 119 33.4 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.04 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T.: 0.04 min
 Lab File: VL038497.D
 Acq: 3 Mar 2022 00:43

Tgt Ion: 95 Resp: 1365089
 Ion Ratio Lower Upper
 95 100
 174 59.4 49.0 73.4
 175 4.3 3.6 5.4

