

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039390.D
 Acq On : 28 Jun 2022 12:30
 Operator : SY/AP
 Sample : N3508-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-6-20220624DL

Quant Time: Jun 29 06:06:10 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

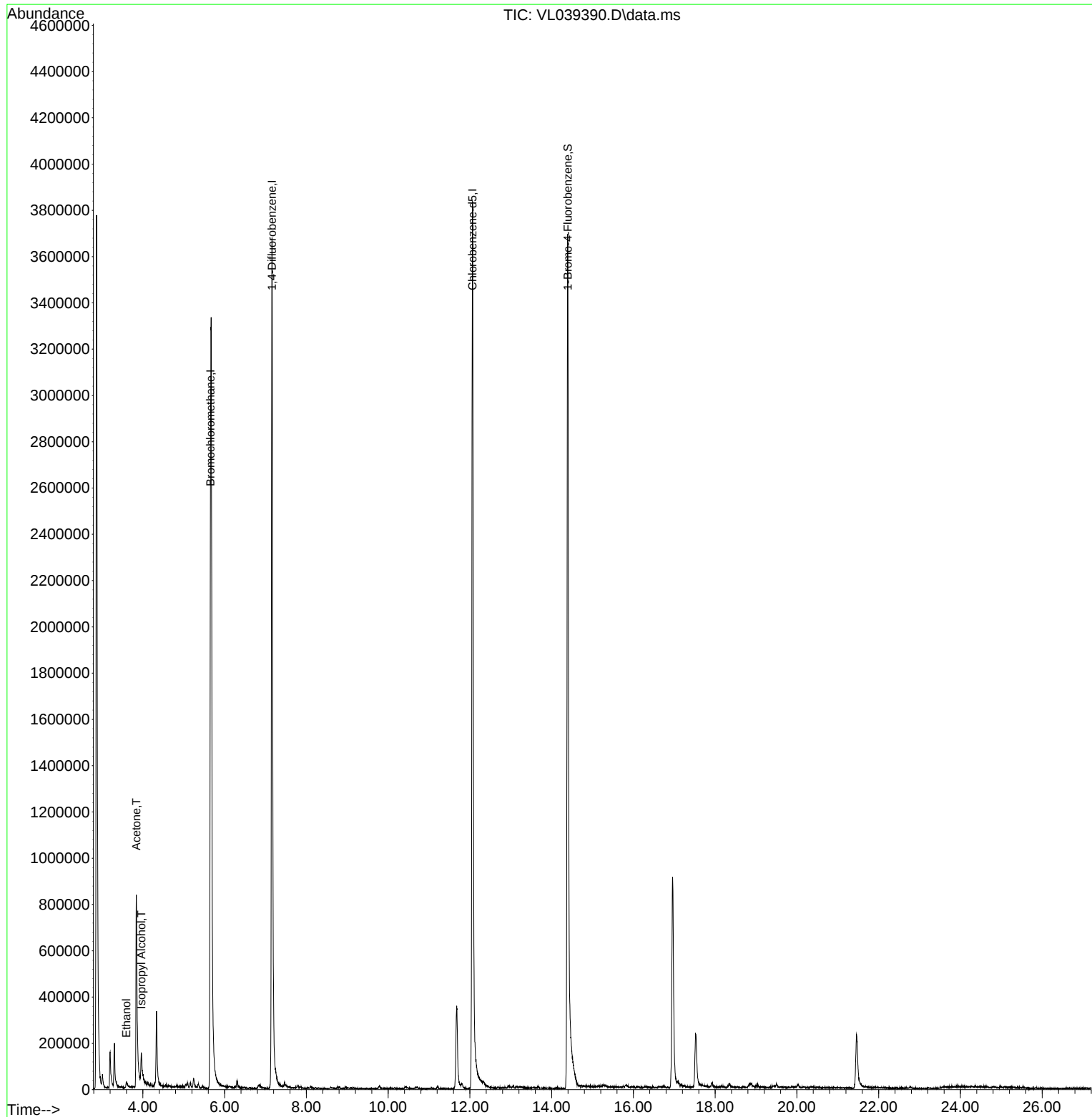
Internal Standards						
1) Bromochloromethane	5.651	49	1135671	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.159	114	3185804	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	2785117	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1978523	8.593	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.597	45	23401	6.810	ppbv #	100
15) Acetone	3.841	43	1055431	8.922	ppbv	92
19) Isopropyl Alcohol	3.963	45	159784	2.880	ppbv #	1

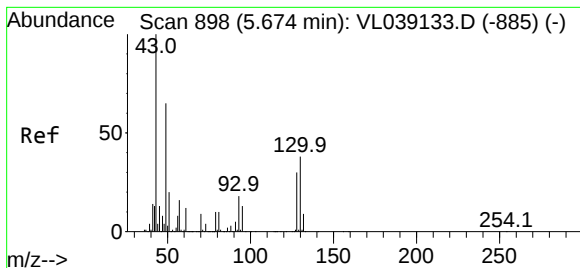
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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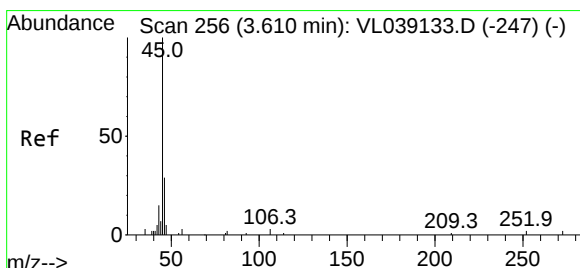
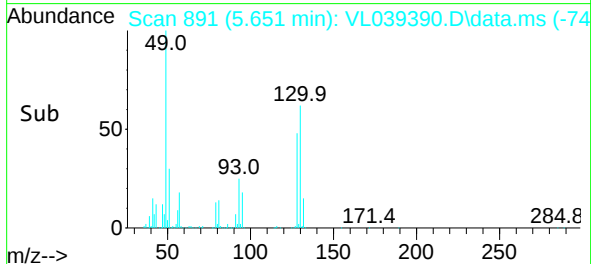
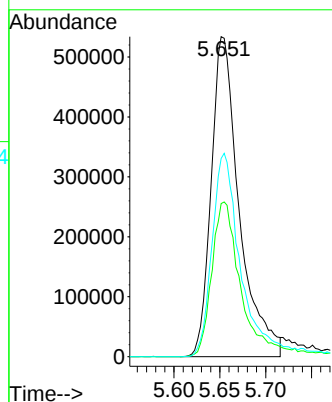
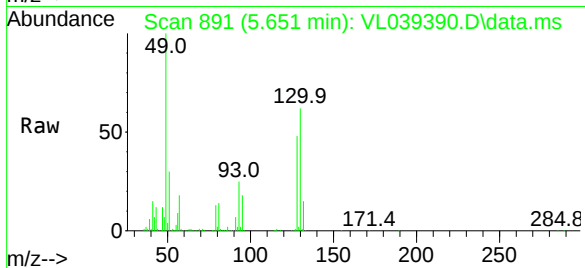




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.651 min Scan# 891
Delta R.T. -0.023 min
Lab File: VL039390.D
Acq: 28 Jun 2022 12:30

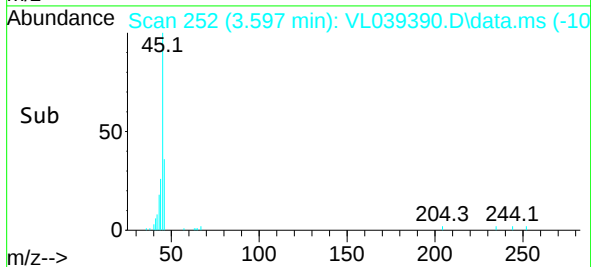
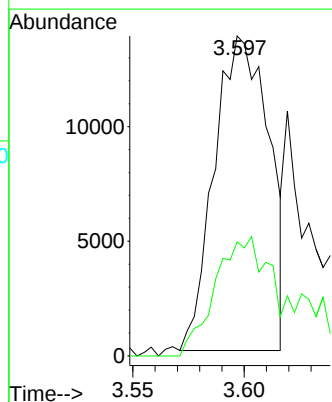
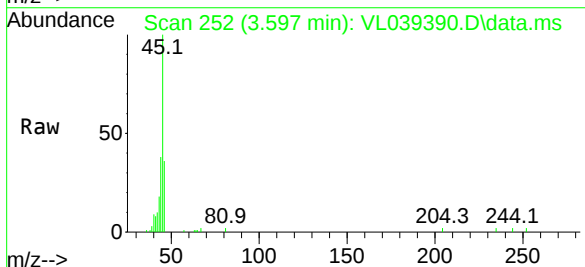
Instrument :
MSVOA_L
ClientSampleId :
SV-6-20220624DL

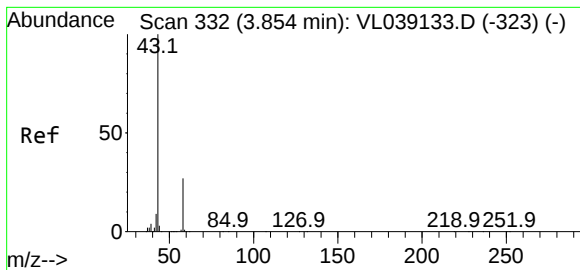
Tgt Ion: 49 Resp: 1135671
Ion Ratio Lower Upper
49 100
128 52.7 24.7 74.1
130 66.7 31.4 94.0



#13
Ethanol
Concen: 6.810 ppbv
RT: 3.597 min Scan# 252
Delta R.T. -0.013 min
Lab File: VL039390.D
Acq: 28 Jun 2022 12:30

Tgt Ion: 45 Resp: 23401
Ion Ratio Lower Upper
45 100
46 59.3 0.0 0.0#





#15

Acetone

Concen: 8.922 ppbv

RT: 3.841 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL039390.D

Acq: 28 Jun 2022 12:30

Instrument :

MSVOA_L

ClientSampleId :

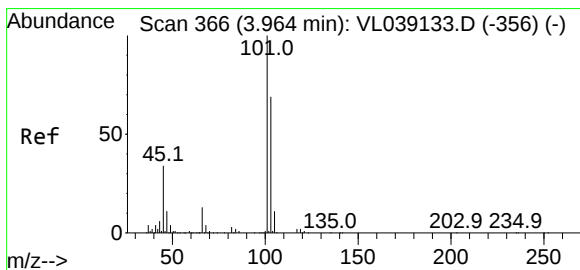
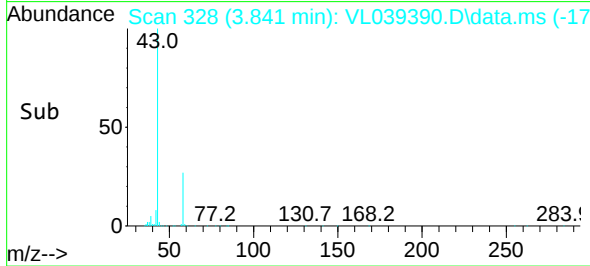
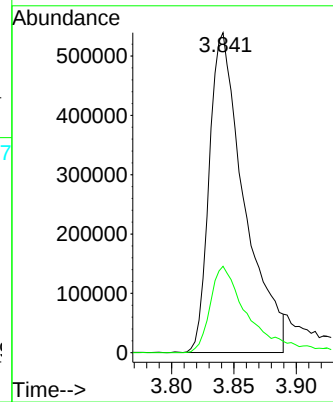
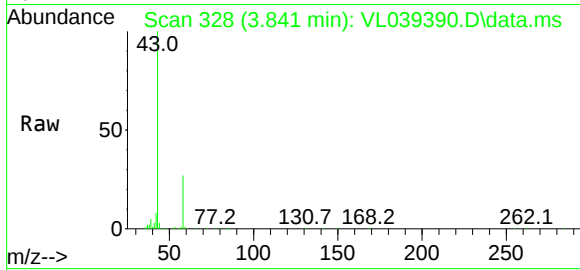
SV-6-20220624DL

Tgt Ion: 43 Resp: 1055431

Ion Ratio Lower Upper

43 100

58 32.3 22.5 33.7



#19

Isopropyl Alcohol

Concen: 2.880 ppbv

RT: 3.963 min Scan# 366

Delta R.T. -0.000 min

Lab File: VL039390.D

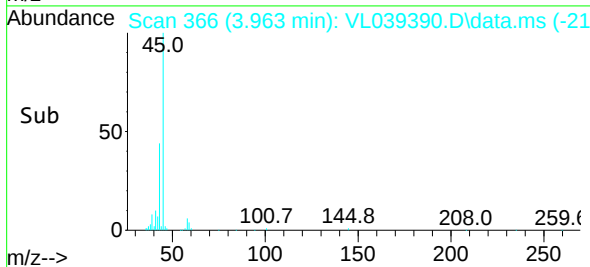
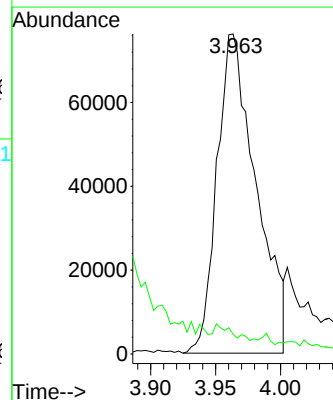
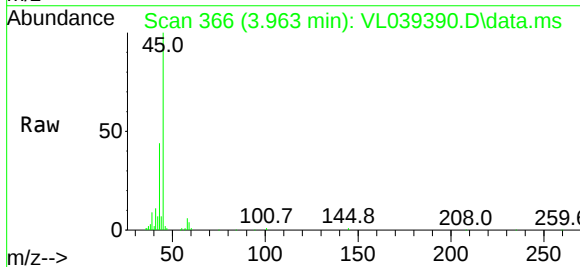
Acq: 28 Jun 2022 12:30

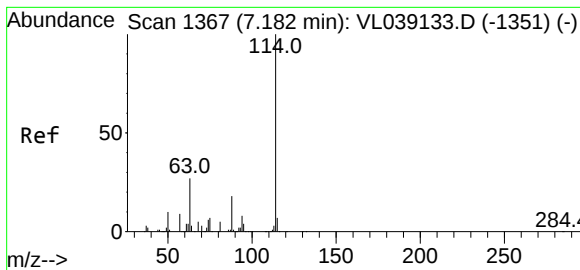
Tgt Ion: 45 Resp: 159784

Ion Ratio Lower Upper

45 100

58 212.2 1.8 2.8#



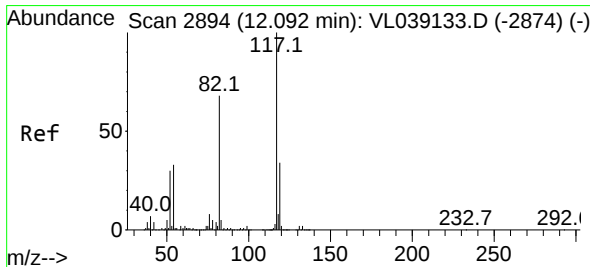
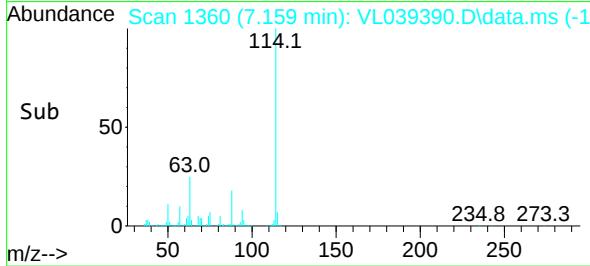
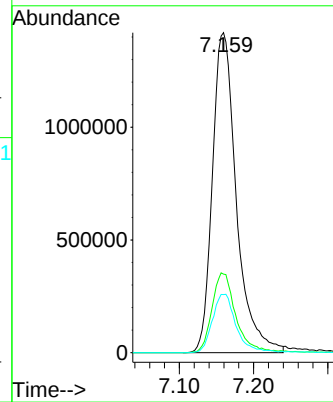
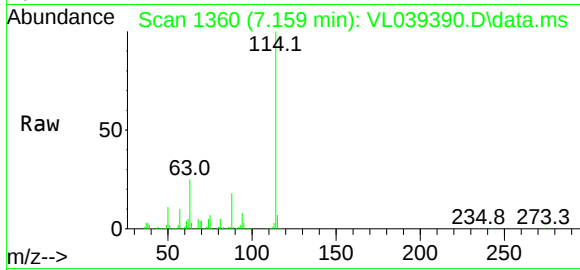


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.159 min Scan# 114
 Delta R.T. -0.023 min
 Lab File: VL039390.D
 Acq: 28 Jun 2022 12:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-6-20220624DL

Tgt Ion:114 Resp: 3185804

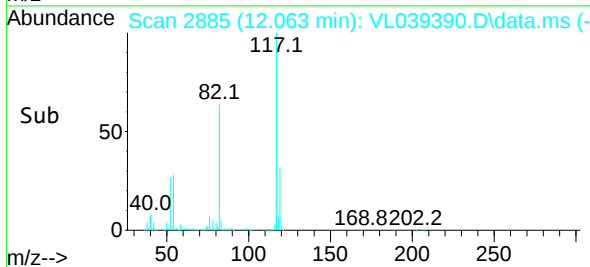
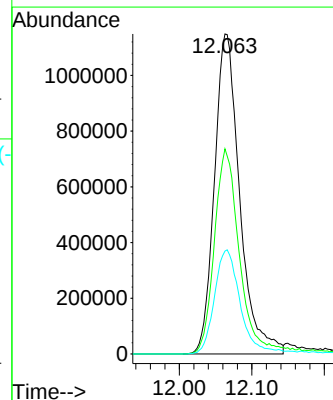
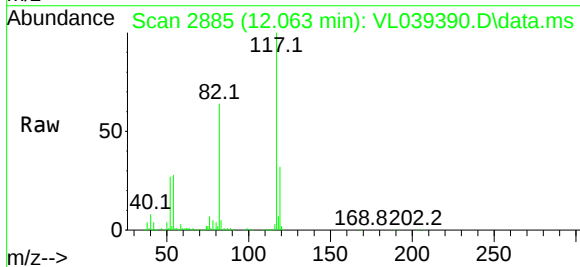
Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.4	14.8	22.2

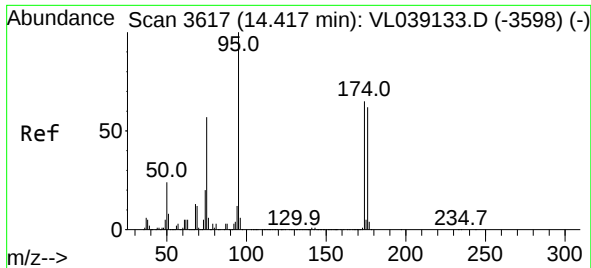


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.063 min Scan# 2885
 Delta R.T. -0.029 min
 Lab File: VL039390.D
 Acq: 28 Jun 2022 12:30

Tgt Ion:117 Resp: 2785117

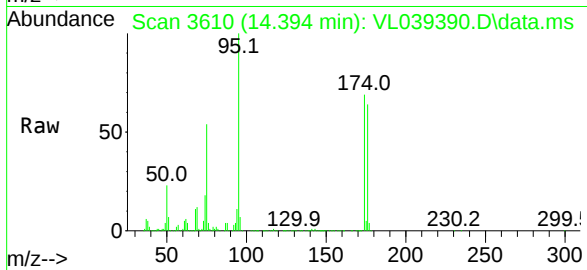
Ion	Ratio	Lower	Upper
117	100		
82	66.2	55.1	82.7
119	34.3	24.7	37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.593 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.023 min
 Lab File: VL039390.D
 Acq: 28 Jun 2022 12:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-6-20220624DL



Tgt Ion: 95 Resp: 1978523

Ion	Ratio	Lower	Upper
95	100		
174	74.5	53.8	80.8
175	4.9	4.1	6.1

