

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035195.D
 Acq On : 16 Jul 2020 15:52
 Operator : SY/AP
 Sample : L3318-02DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CARBON-03DL

Quant Time: Jul 17 06:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1165481	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2756755	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2518221	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2063596	10.09	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

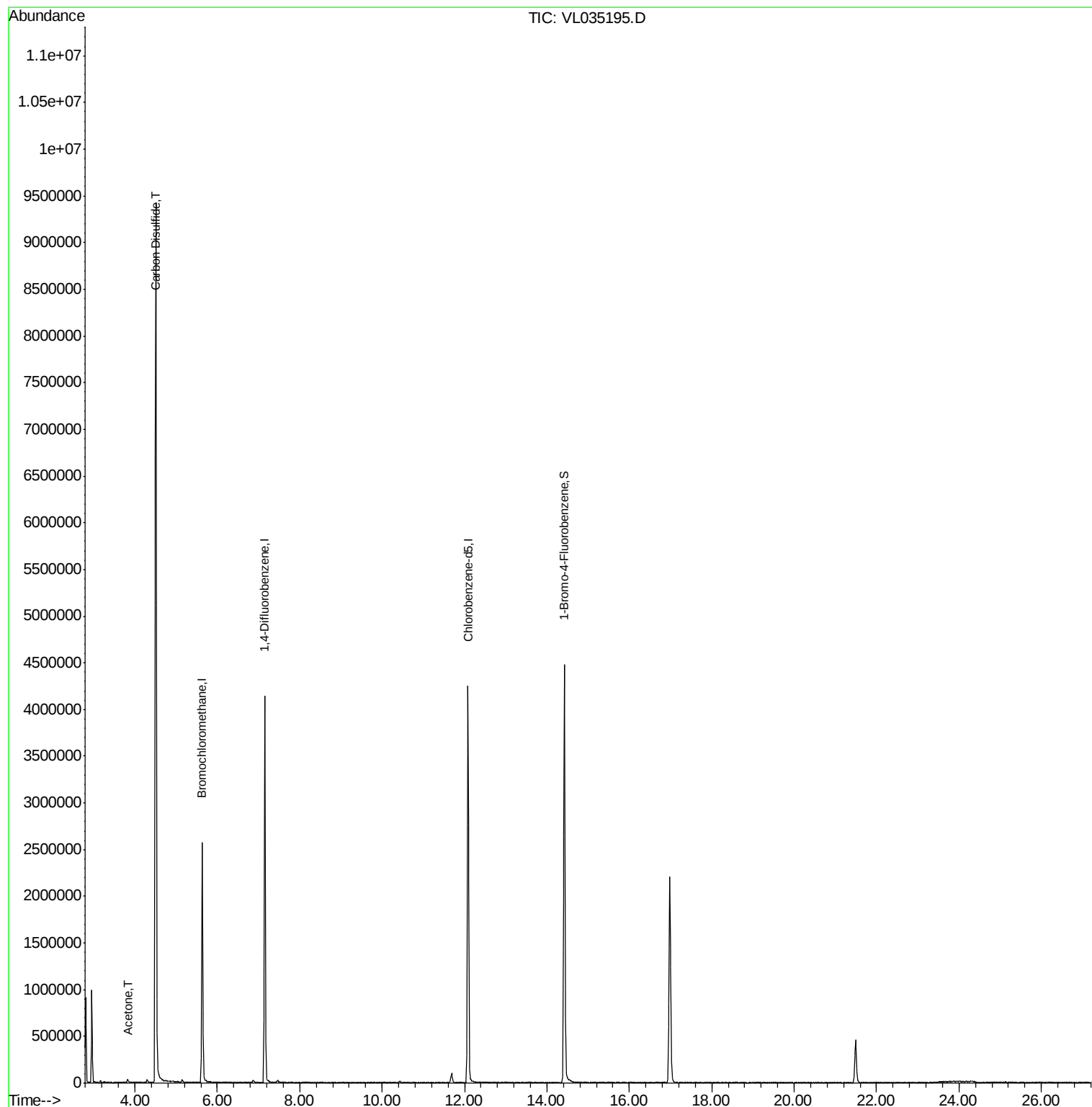
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	32418	0.205	ppbv #	70
27) Carbon Disulfide	4.51	76	11089663	73.558	ppbv #	76

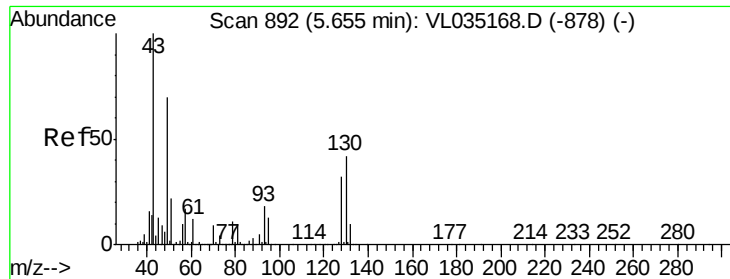
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL035195.D

Acq: 16 Jul 2020 15:52

Instrument :

MSVOA_L

ClientSampleId :

CARBON-03DL

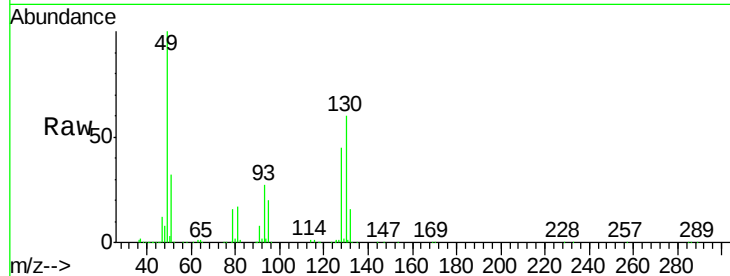
Tot Ion: 49 Resp: 1165481

Ion Ratio Lower Upper

49 100

128 47.5 23.8 71.4

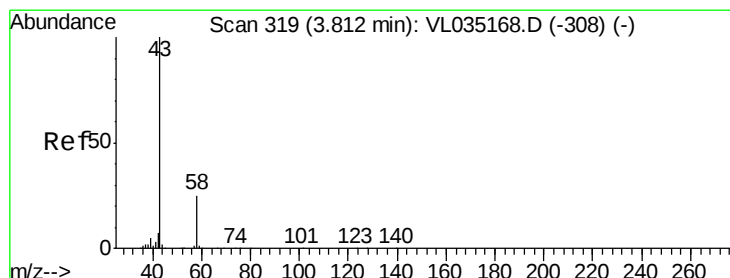
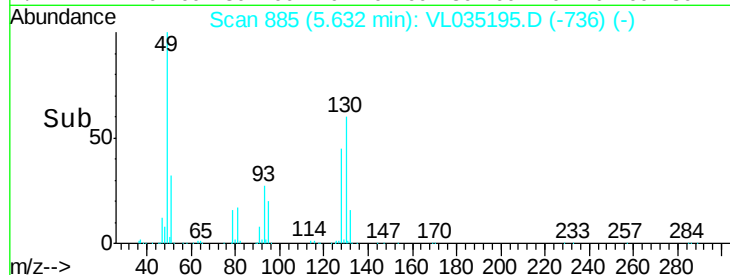
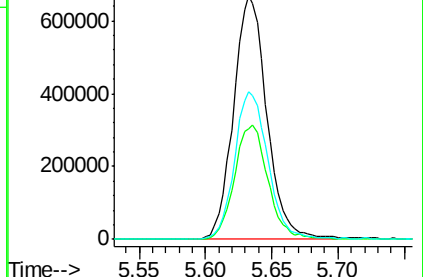
130 61.0 29.9 89.8



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: 0.205 ppbv

RT: 3.82 min Scan# 322

Delta R.T. 0.01 min

Lab File: VL035195.D

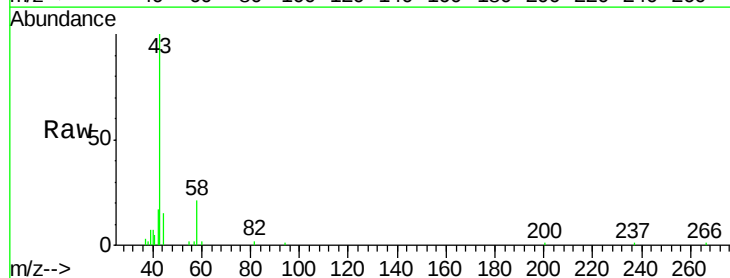
Acq: 16 Jul 2020 15:52

Tgt Ion: 43 Resp: 32418

Ion Ratio Lower Upper

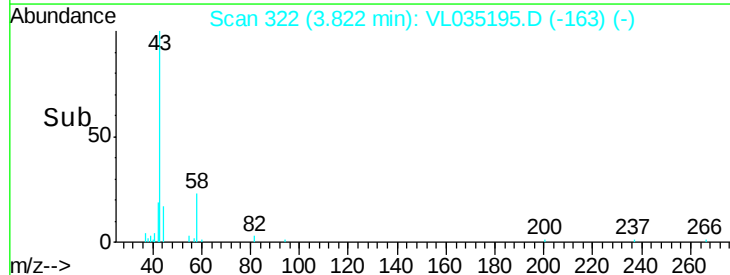
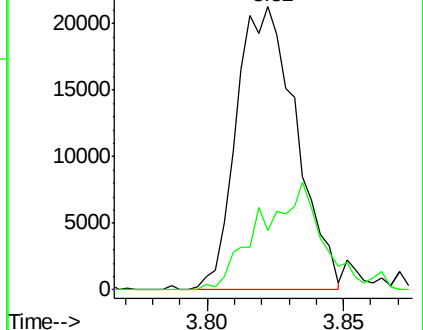
43 100

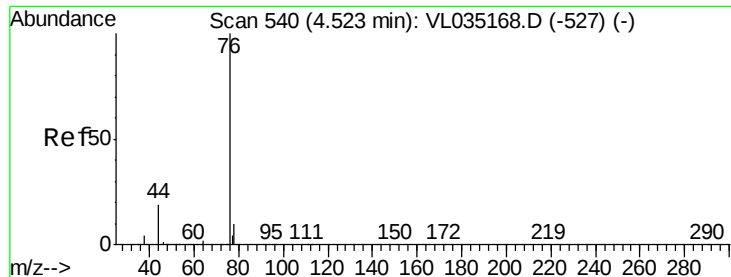
58 41.8 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#27

Carbon Disulfide

Concen: 73.558 ppbv

RT: 4.51 min Scan# 535

Delta R.T. -0.02 min

Lab File: VL035195.D

Acq: 16 Jul 2020 15:52

Instrument :

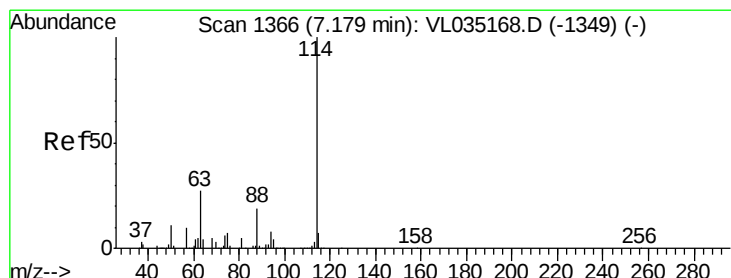
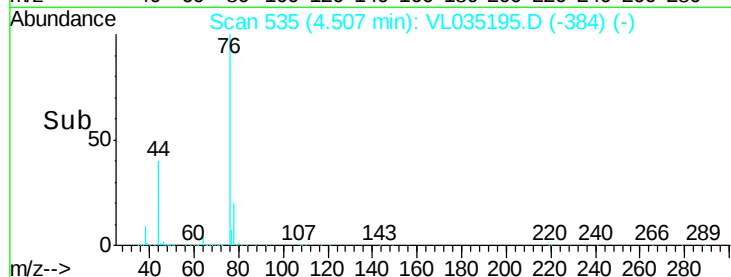
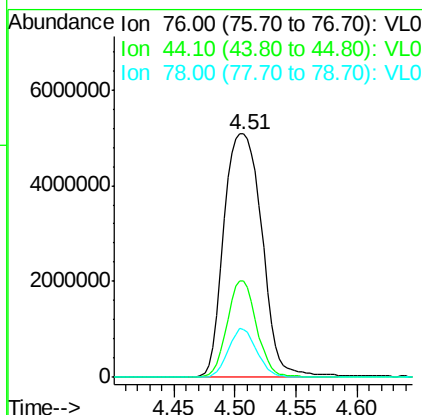
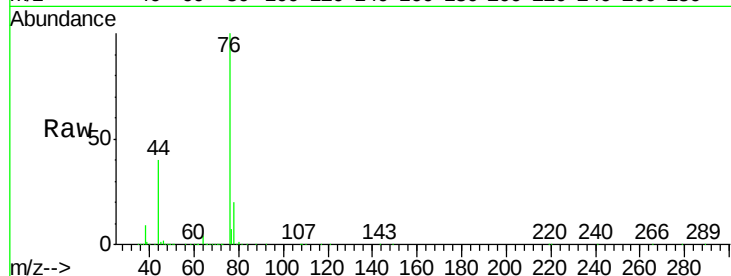
MSVOA_L

ClientSampleId :

CARBON-03DL

Tot Ion: 76 Resp: 11089663

Ion	Ratio	Lower	Upper
76	100		
44	31.0	14.9	22.3#
78	15.2	7.5	11.3#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

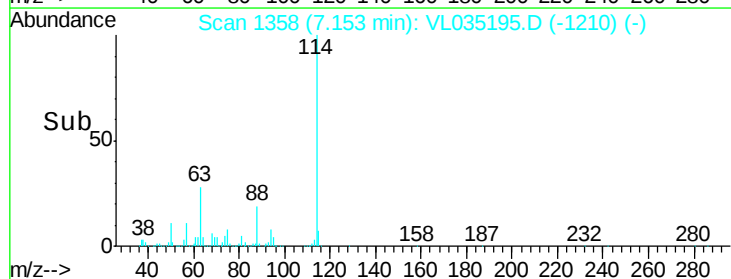
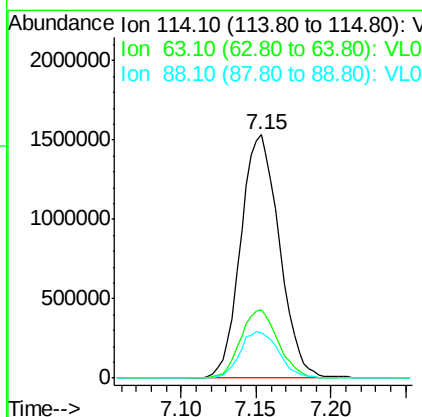
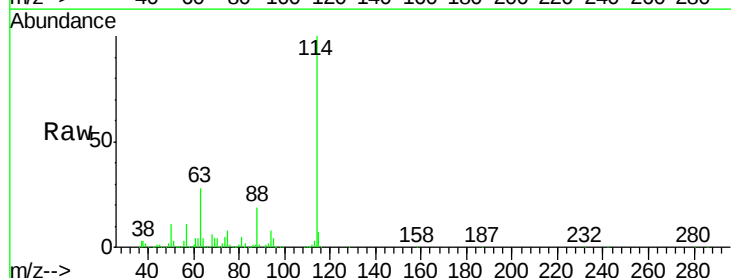
Delta R.T. -0.03 min

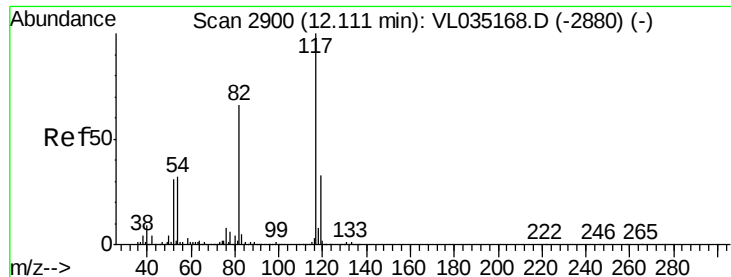
Lab File: VL035195.D

Acq: 16 Jul 2020 15:52

Tgt Ion: 114 Resp: 2756755

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.0	33.0
88	19.2	15.4	23.0

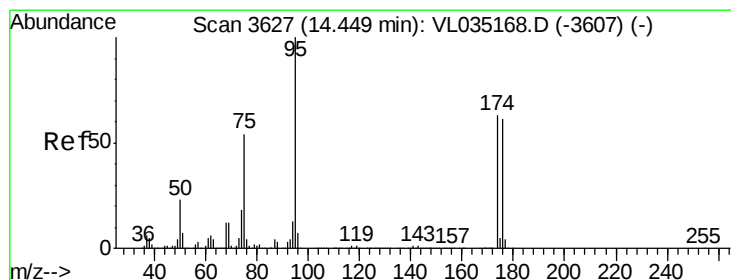
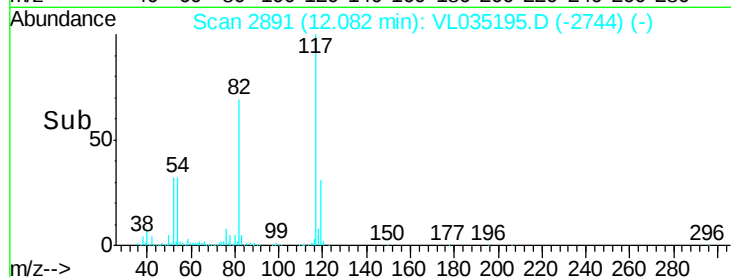
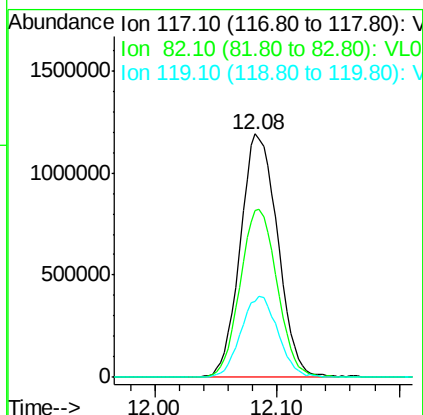
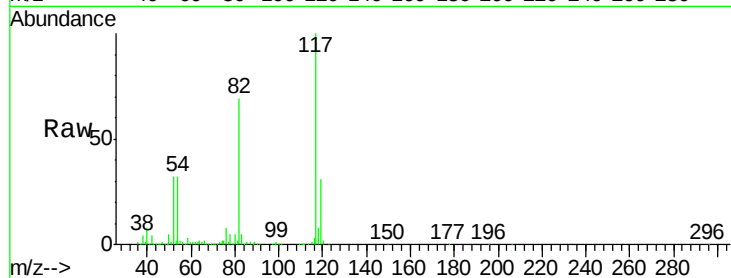




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.03 min
Lab File: VL035195.D
Acq: 16 Jul 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
CARBON-03DL

Tot Ion:117 Resp: 2518221
Ion Ratio Lower Upper
117 100
82 69.2 52.3 78.5
119 33.2 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.087 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.03 min
Lab File: VL035195.D
Acq: 16 Jul 2020 15:52

Tgt Ion: 95 Resp: 2063596
Ion Ratio Lower Upper
95 100
174 65.9 52.2 78.2
175 4.9 4.0 6.0

