

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035307.D
 Acq On : 31 Jul 2020 17:57
 Operator : SY/AP
 Sample : CAN 10443
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10443

Quant Time: Aug 01 03:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1094332	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2672945	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2444050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2035110	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

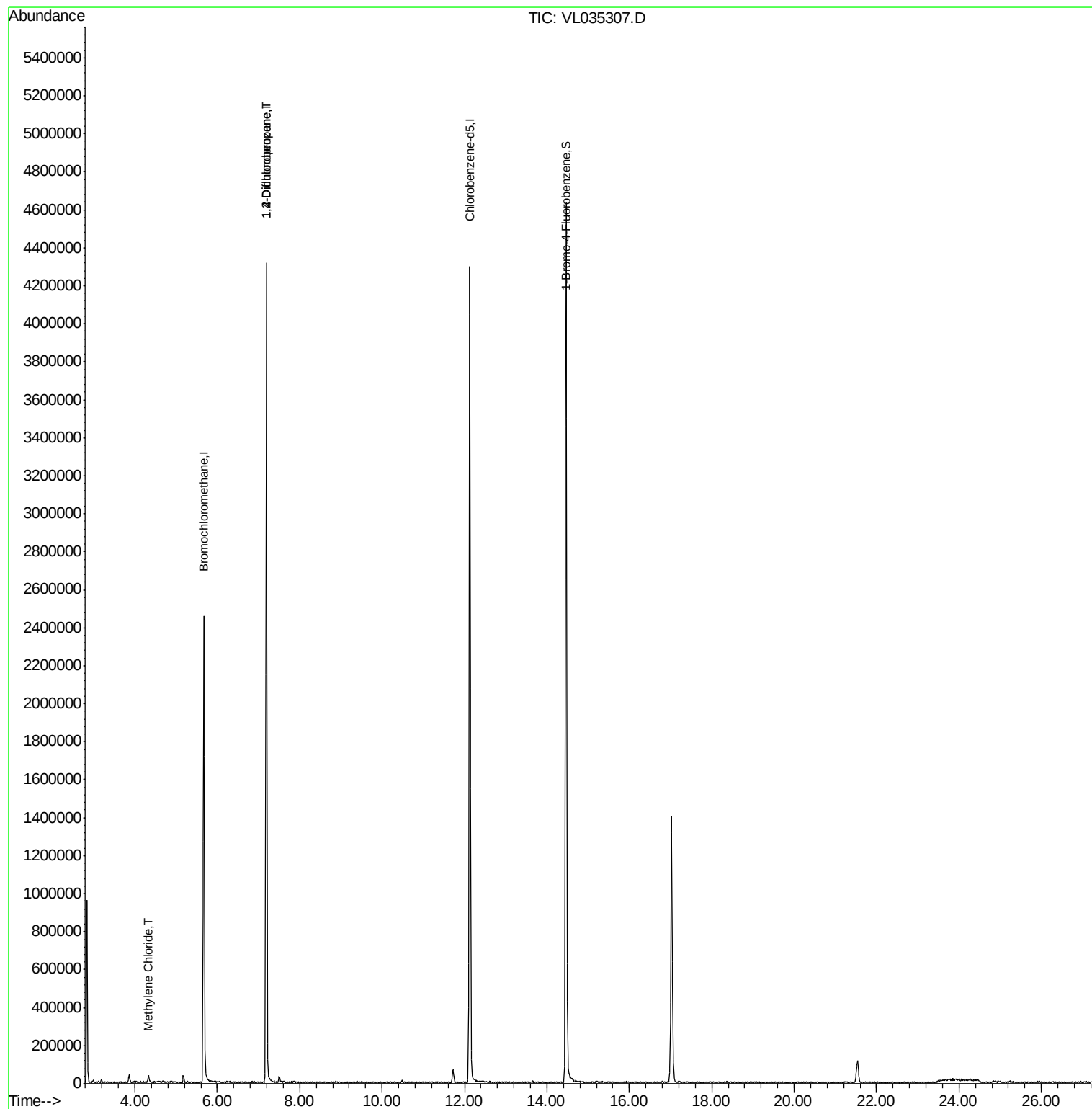
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	10893	0.164	ppbv #	68
39) 1,2-Dichloropropane	7.19	63	745459	10.058	ppbv #	22

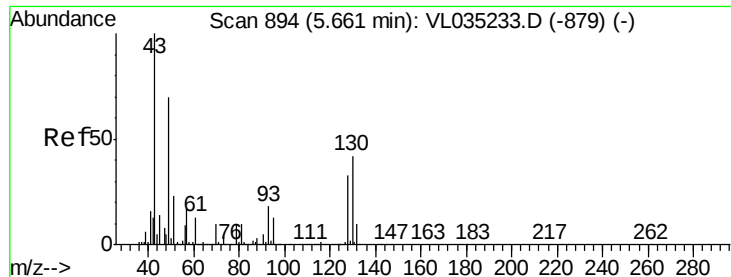
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035307.D

Acq: 31 Jul 2020 17:57

Instrument :

MSVOA_L

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CAN 10443

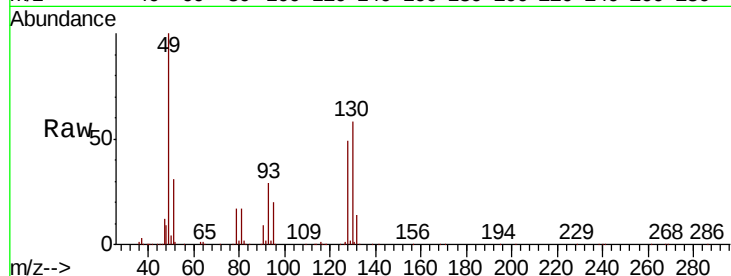
Tot Ion: 49 Resp: 1094332

Ion Ratio Lower Upper

49 100

128 49.6 24.0 72.0

130 64.3 30.7 92.1

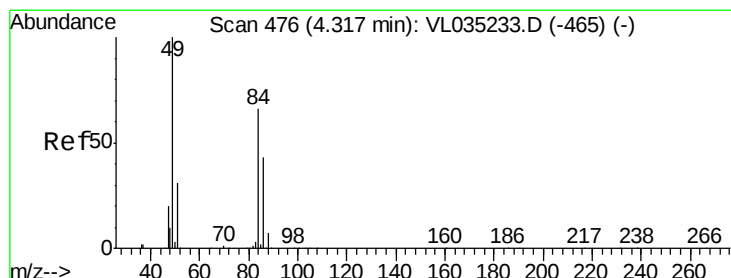
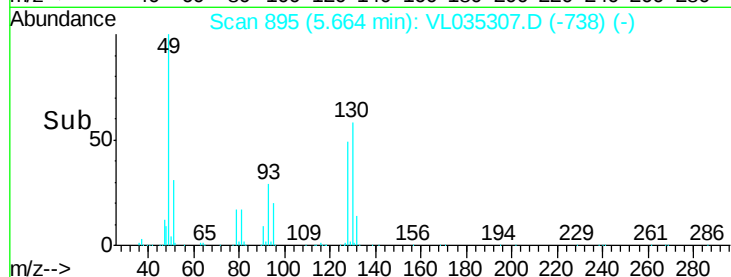
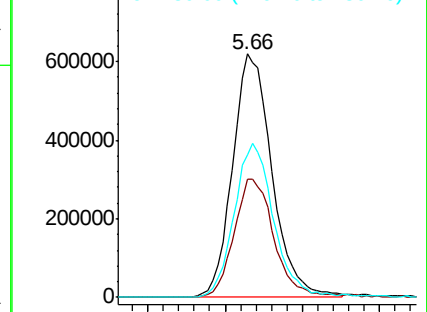


Abundance

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: 0.164 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.01 min

Lab File: VL035307.D

Acq: 31 Jul 2020 17:57

Tgt Ion: 84 Resp: 10893

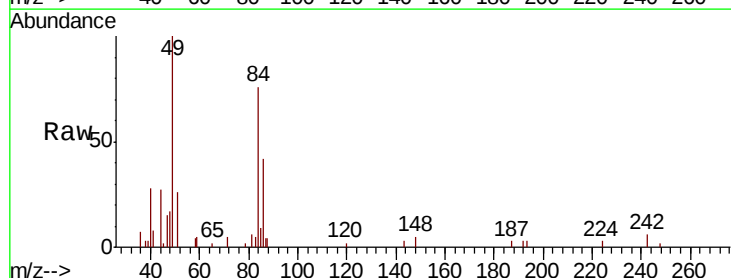
Ion Ratio Lower Upper

84 100

49 98.7 121.0 181.4#

51 30.3 37.7 56.5#

86 54.1 52.2 78.4



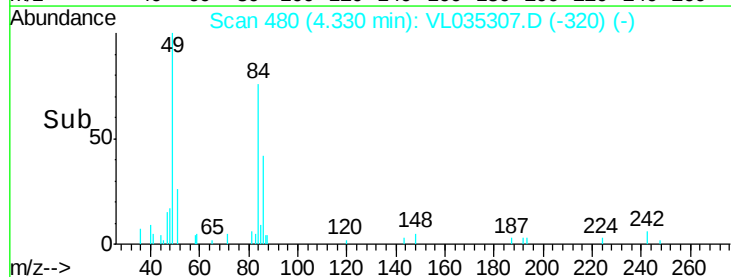
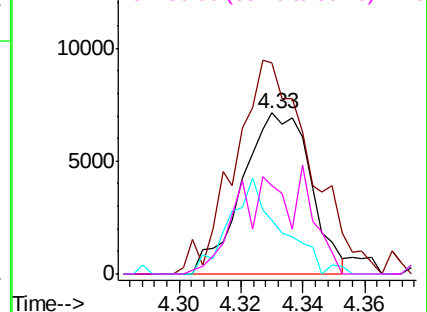
Abundance

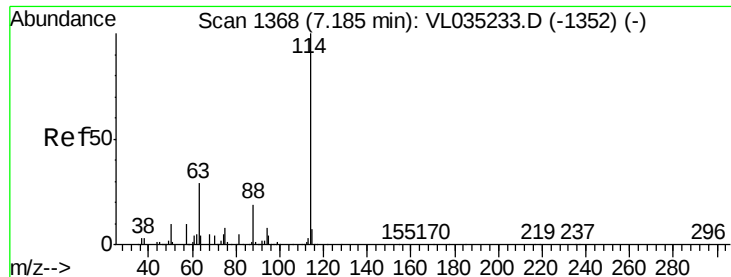
Ion 84.00 (83.70 to 84.70): VL0

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

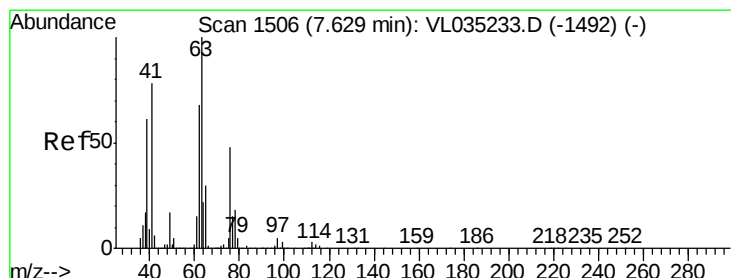
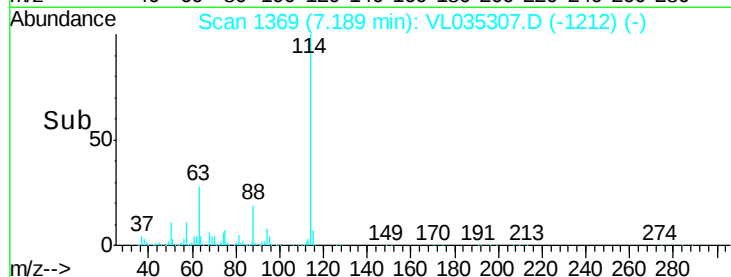
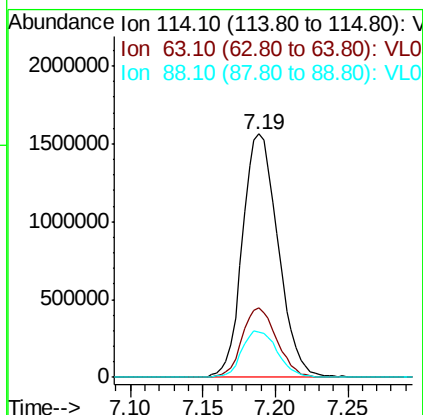
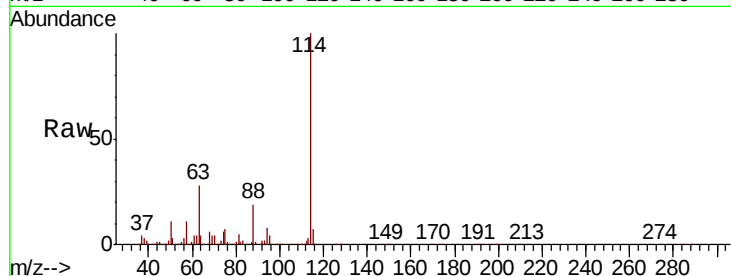




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035307.D
 Acq: 31 Jul 2020 17:57

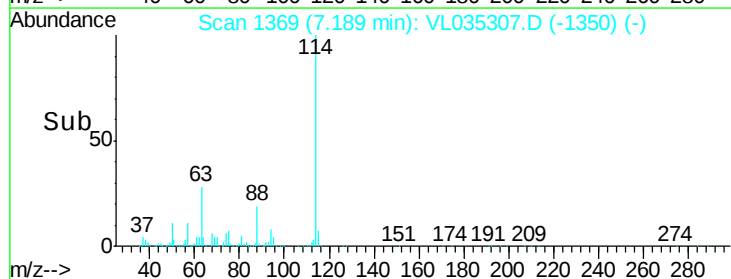
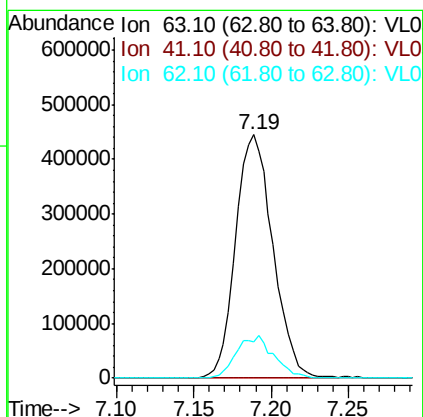
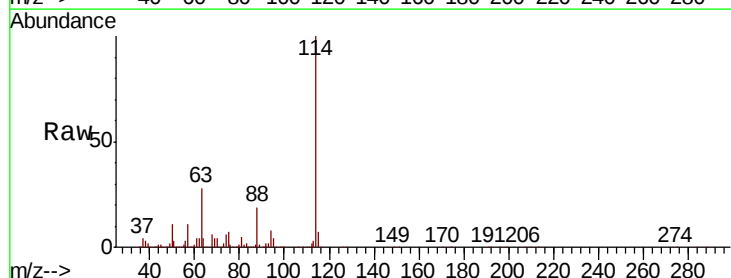
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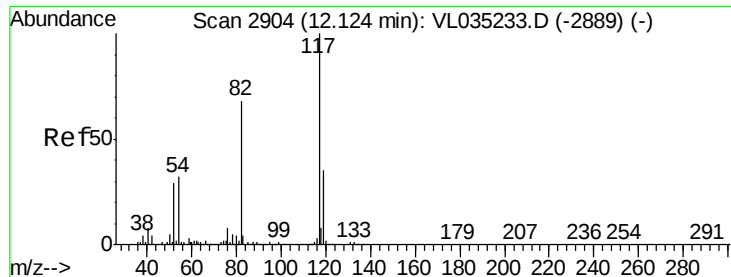
Tot Ion:114 Resp: 2672945
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.2 33.2
 88 19.0 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 10.058 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.44 min
 Lab File: VL035307.D
 Acq: 31 Jul 2020 17:57

Tgt Ion: 63 Resp: 745459
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 14.8 54.2 81.2#

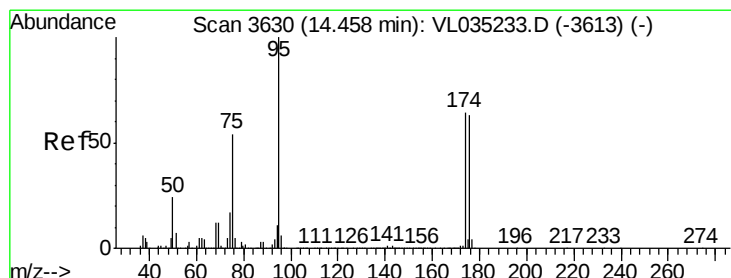
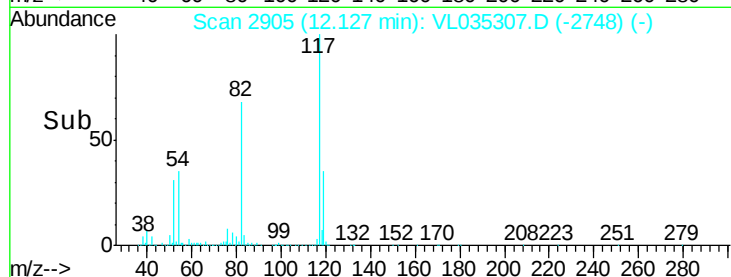
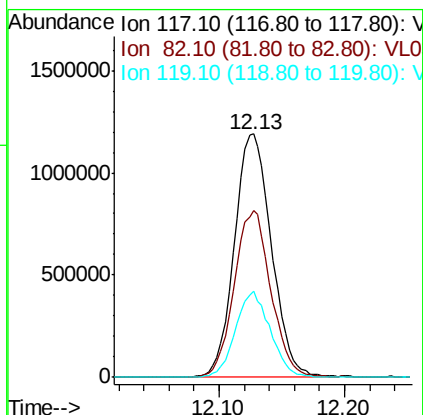
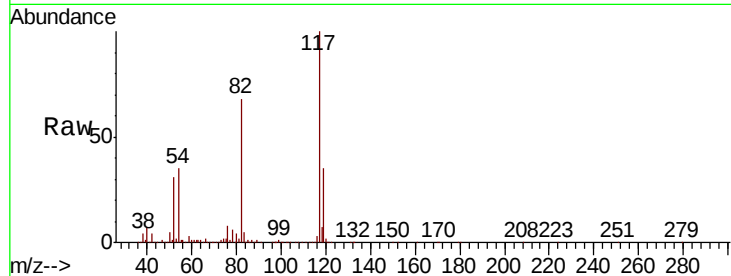




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL035307.D
Acq: 31 Jul 2020 17:57

Instrument :
MSVOA_L
ClientSampleId :
CAN 10443

Tot Ion:117 Resp: 2444050
Ion Ratio Lower Upper
117 100
82 68.2 52.4 78.6
119 33.3 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.421 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.01 min
Lab File: VL035307.D
Acq: 31 Jul 2020 17:57

Tgt Ion: 95 Resp: 2035110
Ion Ratio Lower Upper
95 100
174 64.5 52.7 79.1
175 4.9 3.9 5.9

