

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035440.D
 Acq On : 18 Aug 2020 11:25
 Operator : SY/AP
 Sample : OC081720 CAN 10609
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081720 CAN 10609

Quant Time: Aug 19 01:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1119951	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4837332	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4875664	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3497262	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

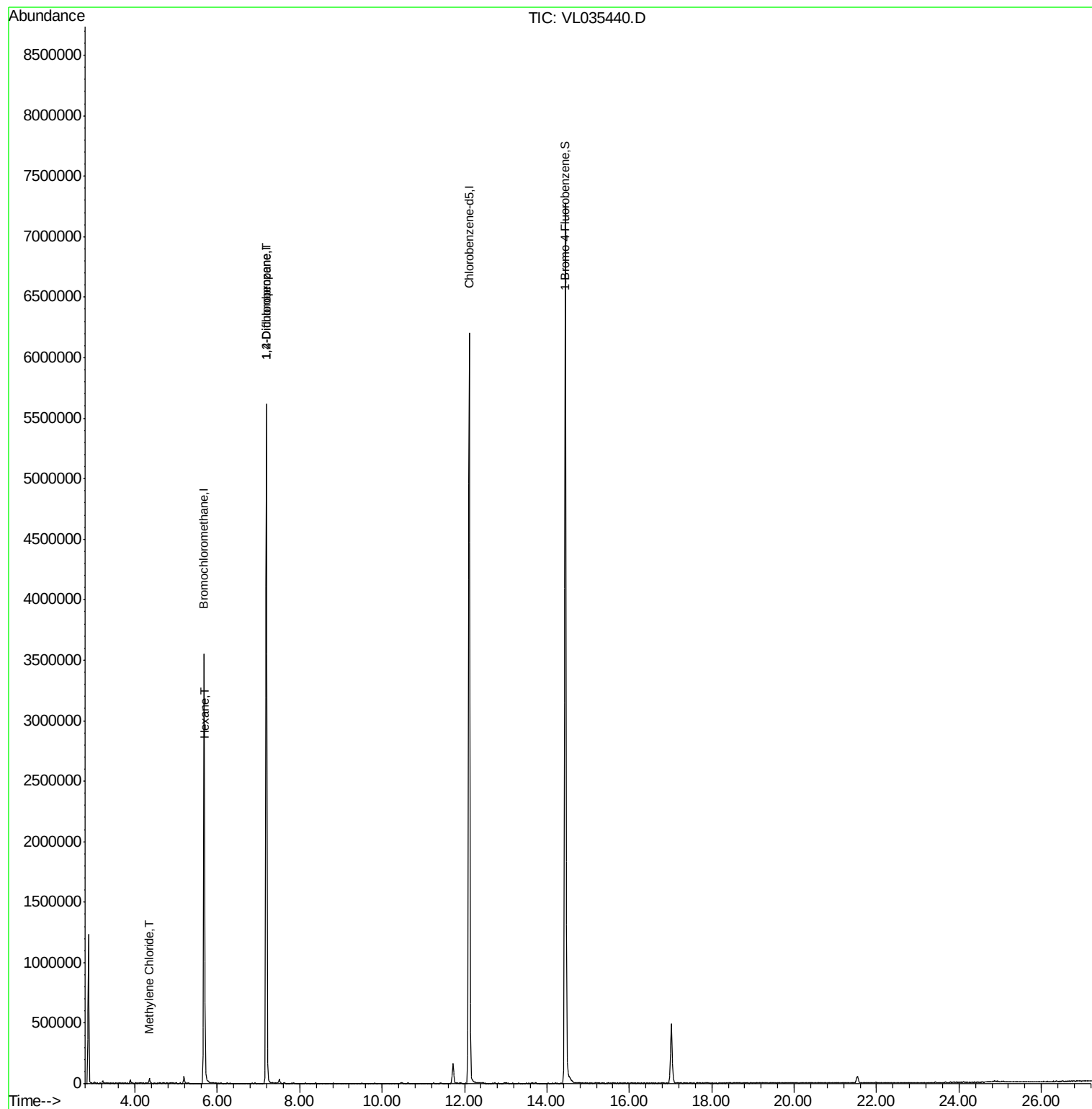
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	18254	0.176	ppbv #	62
26) Hexane	5.70	57	5532	0.039	ppbv #	42
39) 1,2-Dichloropropane	7.19	63	853268	7.292	ppbv #	23

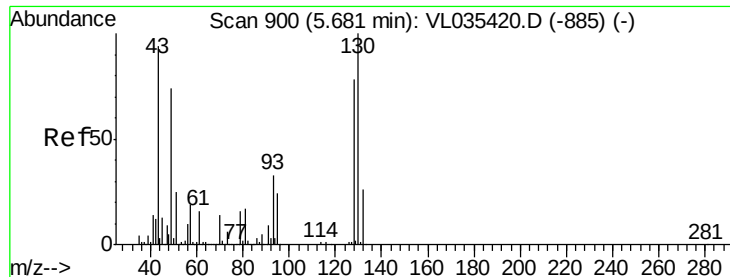
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
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QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10609

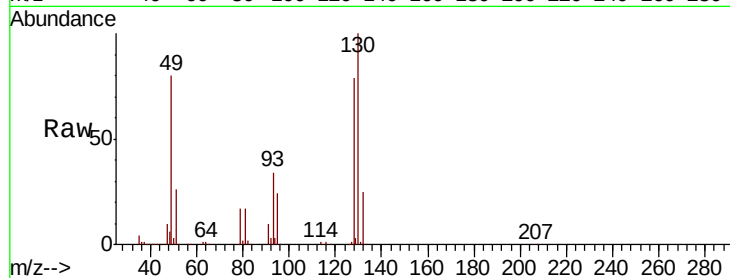
Tot Ion: 49 Resp: 1119951

Ion Ratio Lower Upper

49 100

128 101.3 20.9 62.7#

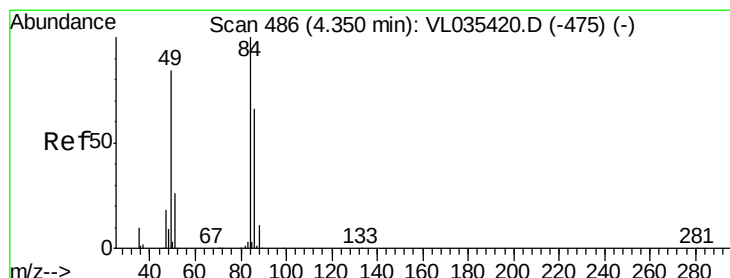
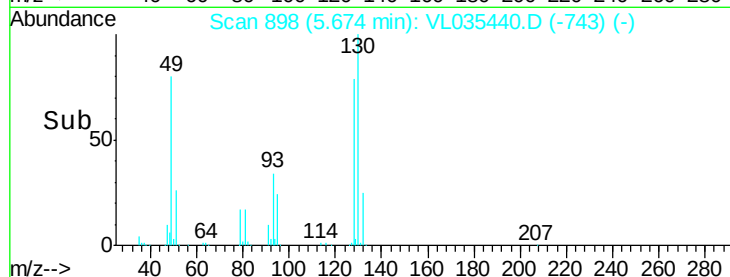
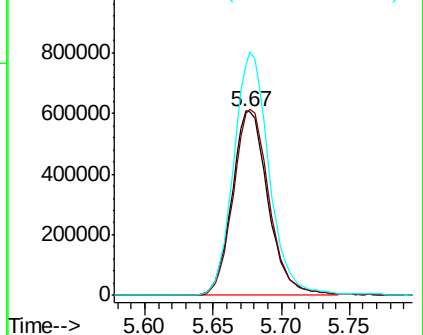
130 130.4 26.7 80.1#



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: 0.176 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL035440.D

Acq: 18 Aug 2020 11:25

Tgt Ion: 84 Resp: 18254

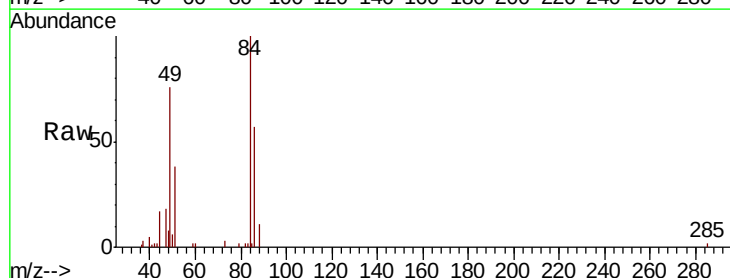
Ion Ratio Lower Upper

84 100

49 74.3 118.6 177.8#

51 38.1 36.4 54.6

86 57.2 50.2 75.4

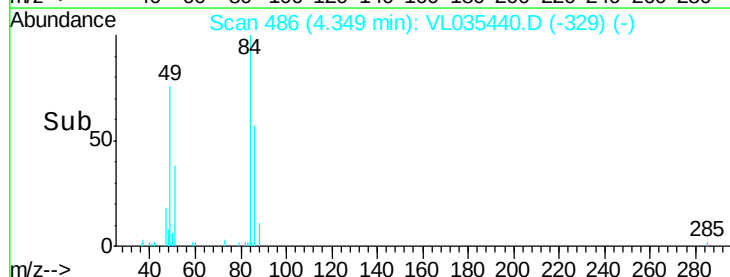
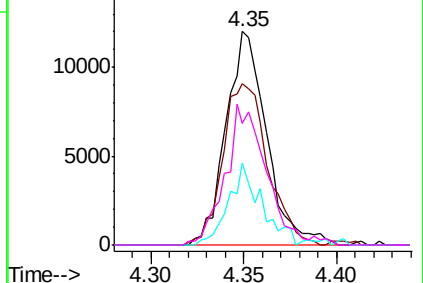


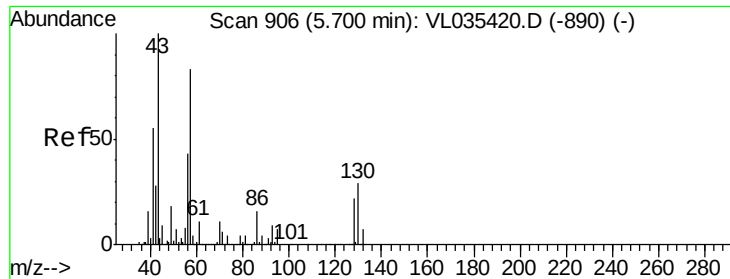
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#26

Hexane

Concen: 0.039 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.00 min

Lab File: VL035440.D

Acq: 18 Aug 2020 11:25

Instrument :

MSVOA_L

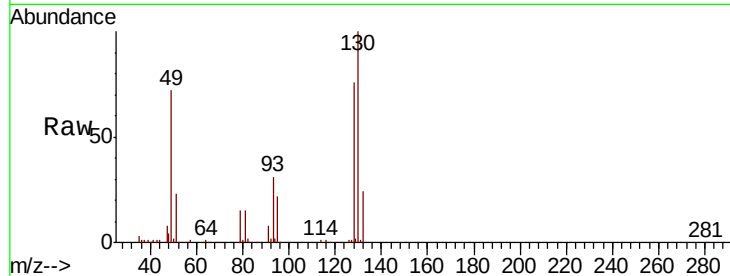
ClientSampleId :

QC081720 CAN 10609

Tot Ion: 57 Resp: 5532

Ion Ratio Lower Upper

57	100		
41	86.9	75.5	113.3
43	77.0	181.7	272.5#
56	54.0	42.4	63.6



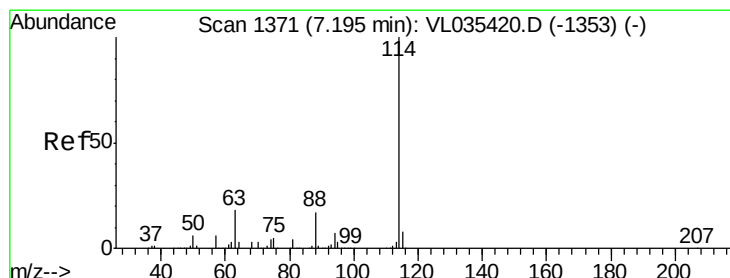
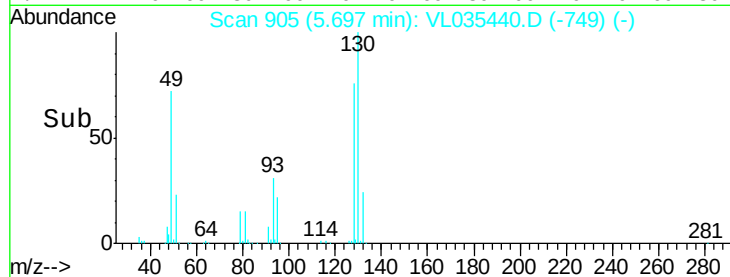
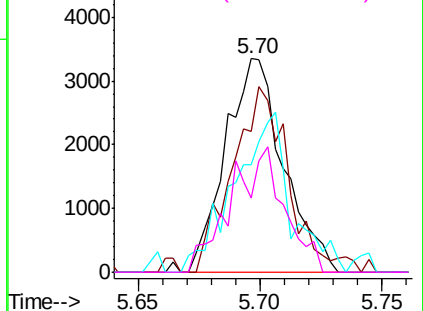
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.00 min

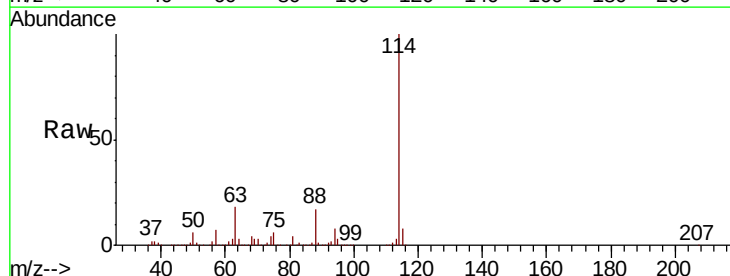
Lab File: VL035440.D

Acq: 18 Aug 2020 11:25

Tgt Ion: 114 Resp: 4837332

Ion Ratio Lower Upper

114	100		
63	17.7	23.1	34.7#
88	16.5	15.9	23.9

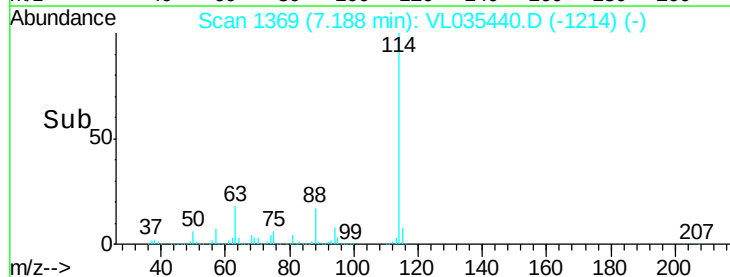
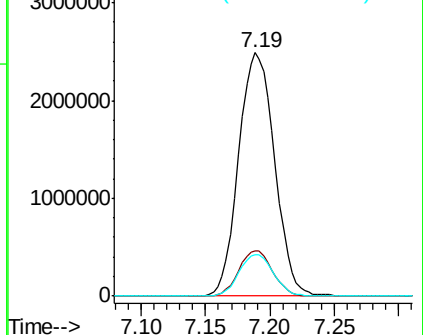


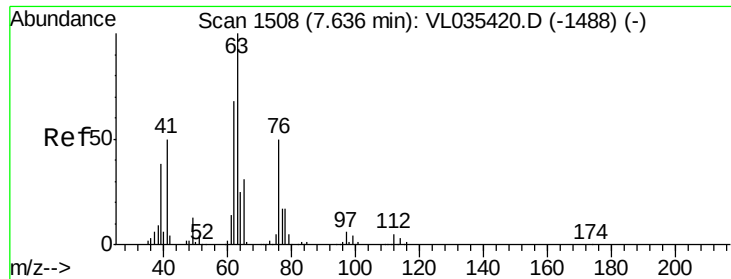
Abundance

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: 7.292 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.44 min

Lab File: VL035440.D

Acq: 18 Aug 2020 11:25

Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10609

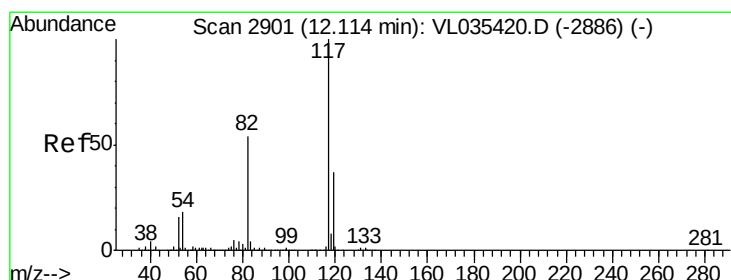
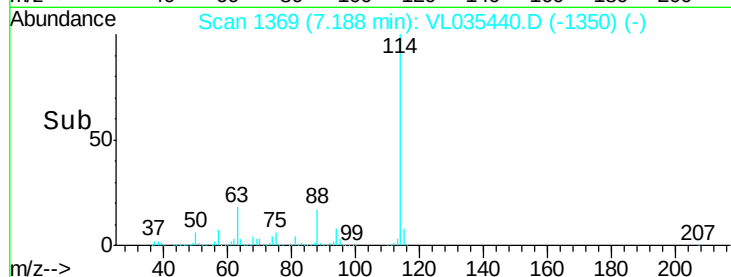
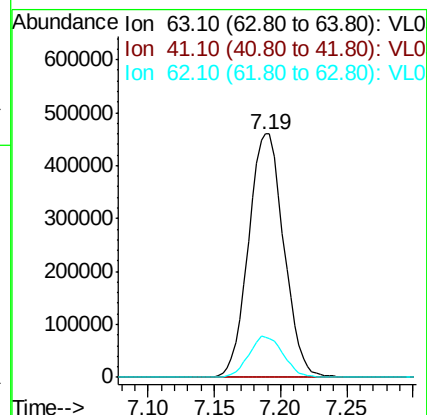
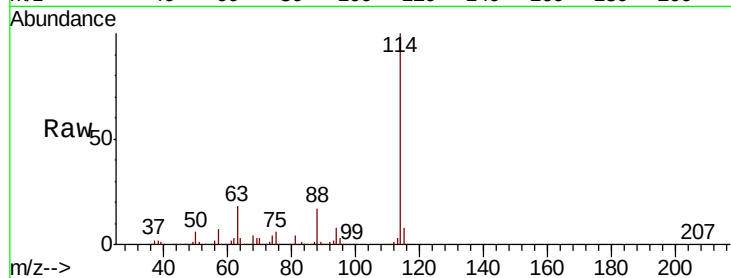
Tot Ion: 63 Resp: 853268

Ion Ratio Lower Upper

63 100

41 0.0 61.1 91.7#

62 16.7 55.3 82.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL035440.D

Acq: 18 Aug 2020 11:25

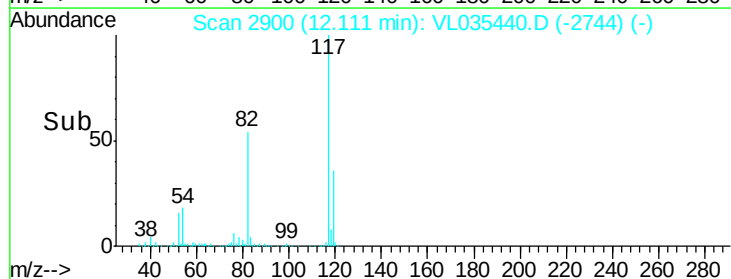
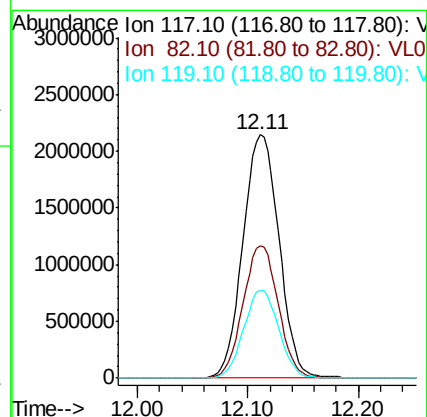
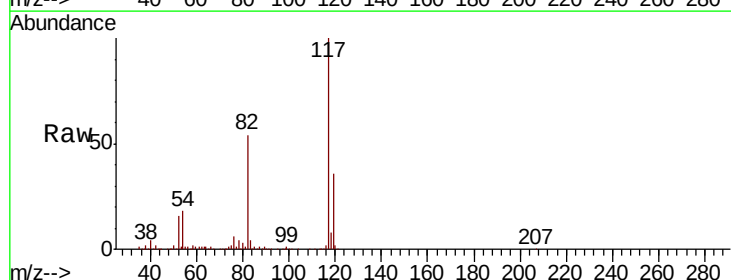
Tgt Ion: 117 Resp: 4875664

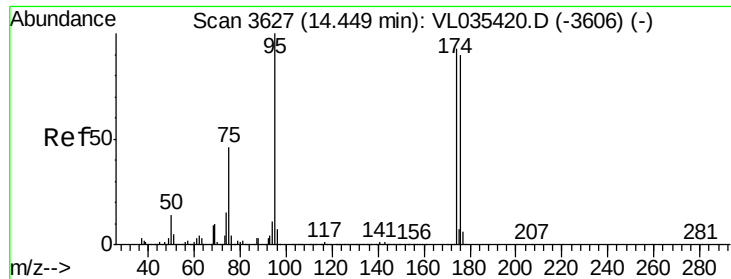
Ion Ratio Lower Upper

117 100

82 53.1 57.4 86.0#

119 35.1 28.4 42.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.246 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

QC081720 CAN 10609

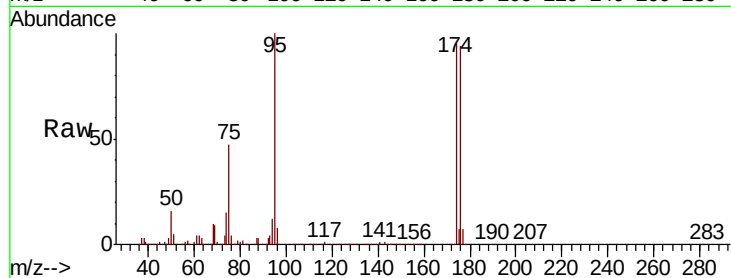
Tot Ion: 95 Resp: 3497262

Ion Ratio Lower Upper

95 100

174 96.6 44.0 66.0#

175 7.1 3.2 4.8#



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

