

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035865.D
 Acq On : 5 Nov 2020 18:19
 Operator : SY/AP
 Sample : OC102820 CAN 10006
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102820 CAN 10006

Quant Time: Nov 06 01:08:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1185693	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4823411	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4341546	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3100471	10.05	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

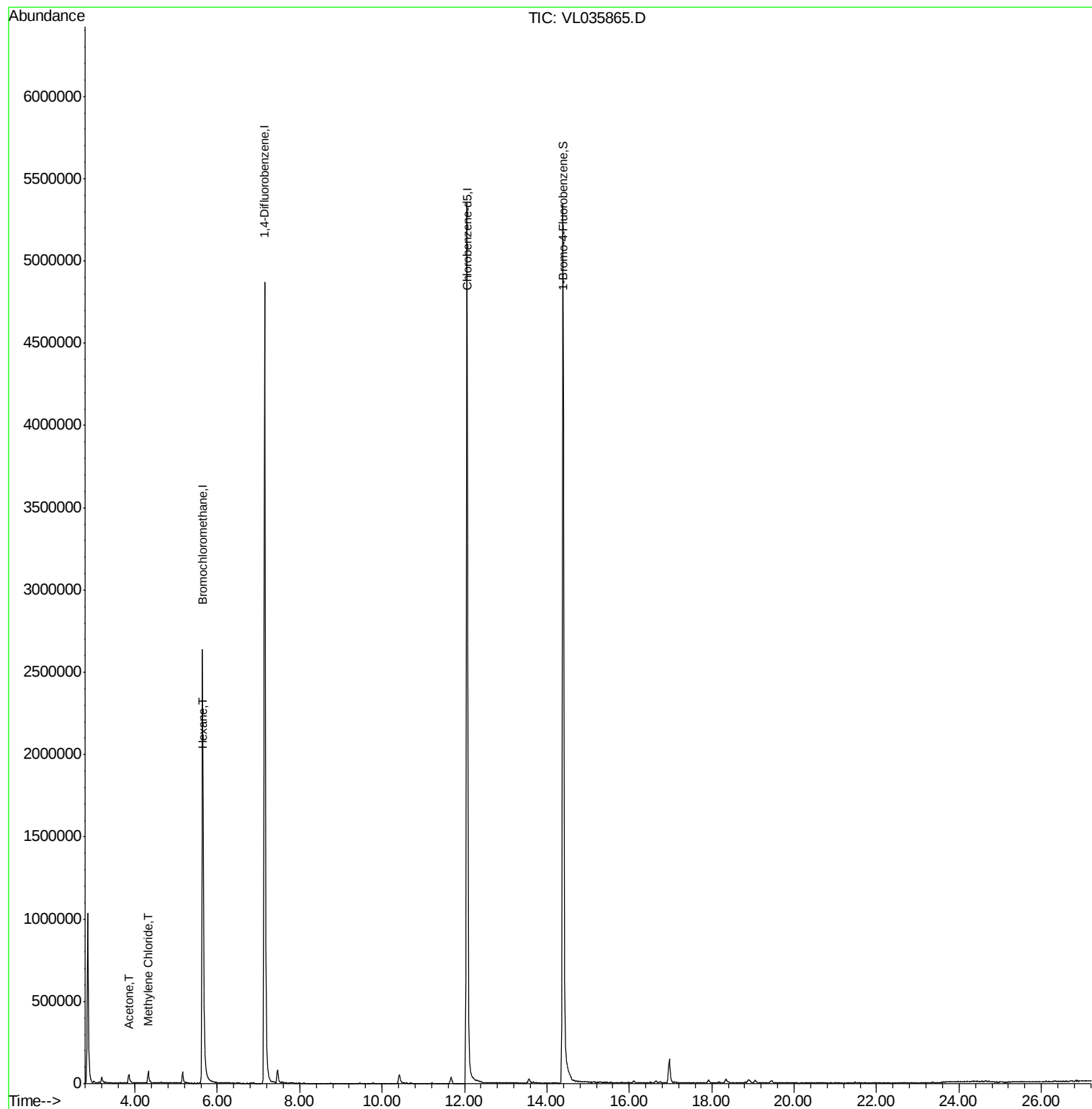
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	53798	0.424	ppbv #	30
20) Methylene Chloride	4.32	84	39609	0.444	ppbv	96
26) Hexane	5.66	57	20707	0.150	ppbv #	44

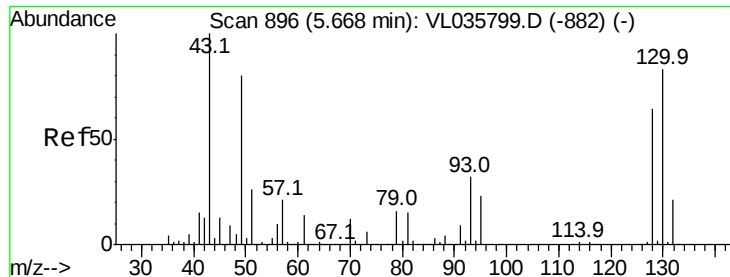
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL035865.D

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Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

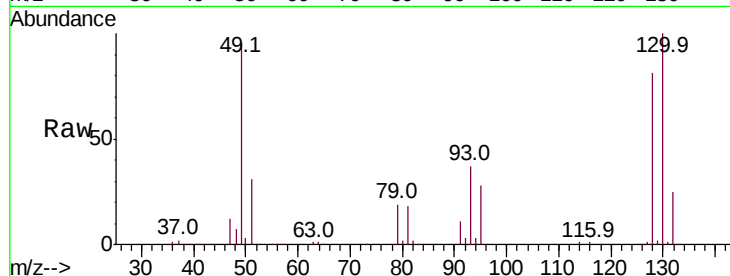
Tot Ion: 49 Resp: 1185693

Ion Ratio Lower Upper

49 100

128 83.1 41.5 124.6

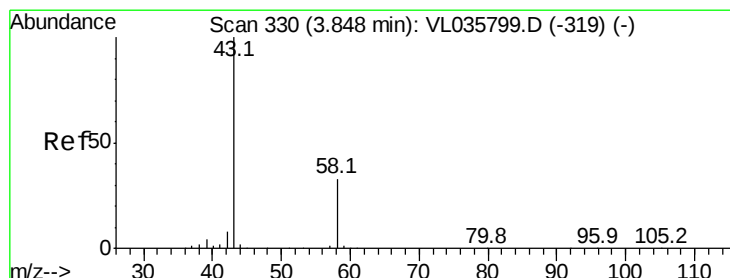
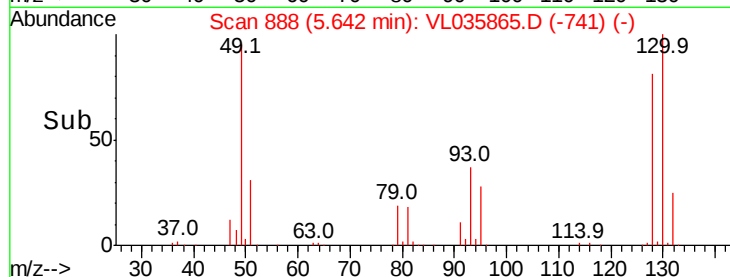
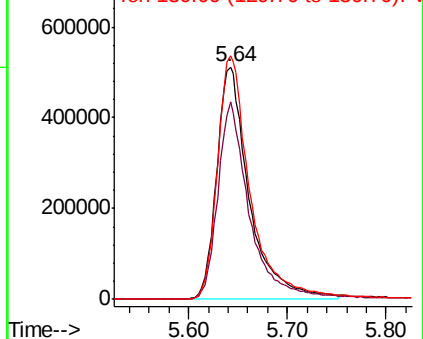
130 108.5 53.7 161.1



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: 0.424 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL035865.D

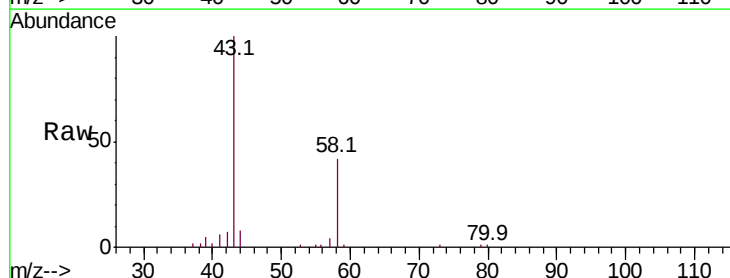
Acq: 5 Nov 2020 18:19

Tgt Ion: 43 Resp: 53798

Ion Ratio Lower Upper

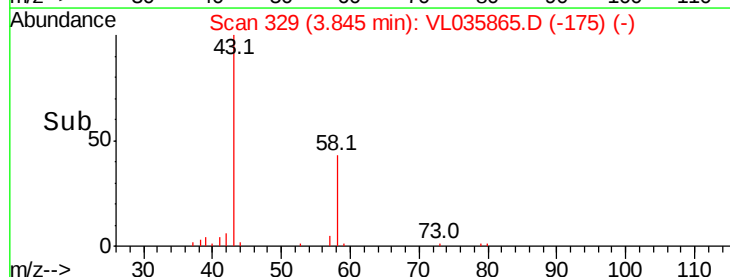
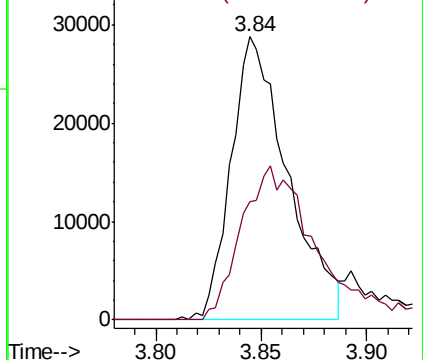
43 100

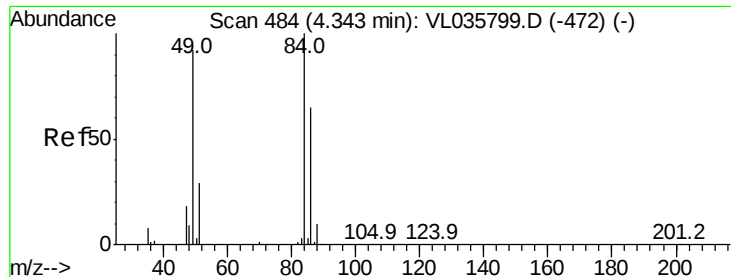
58 74.8 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

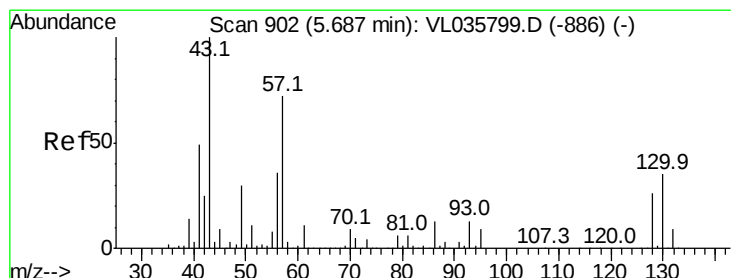
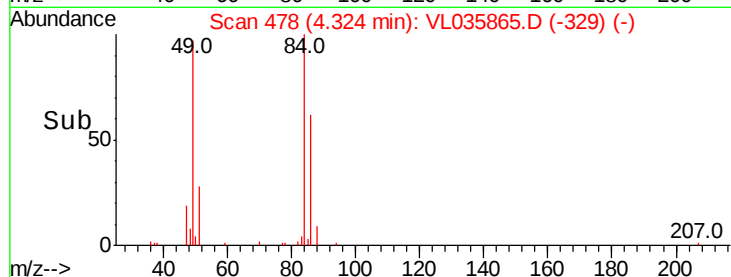
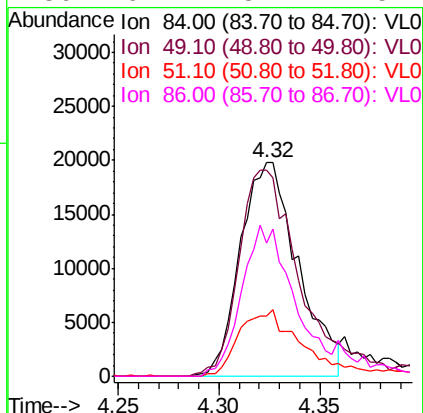
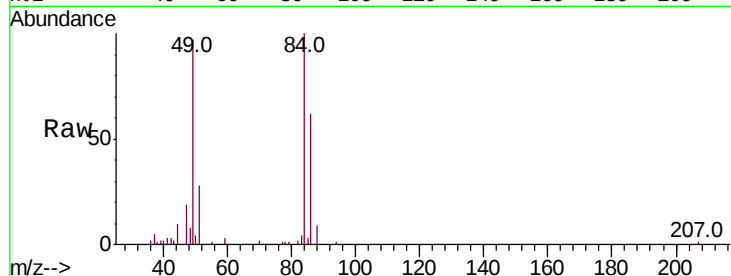




#20
Methvlene Chloride
Concen: 0.444 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035865.D
Acq: 5 Nov 2020 18:19

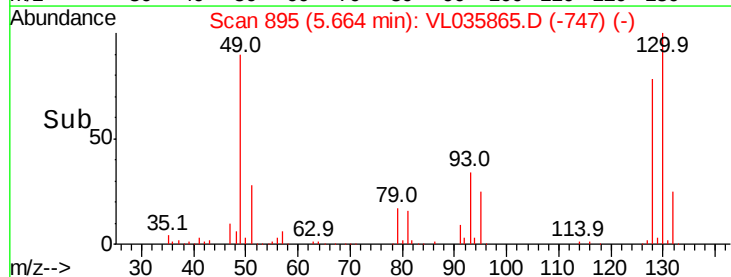
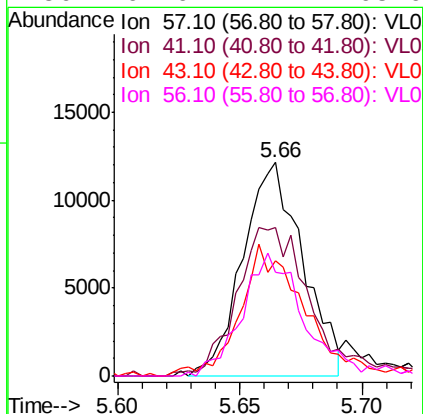
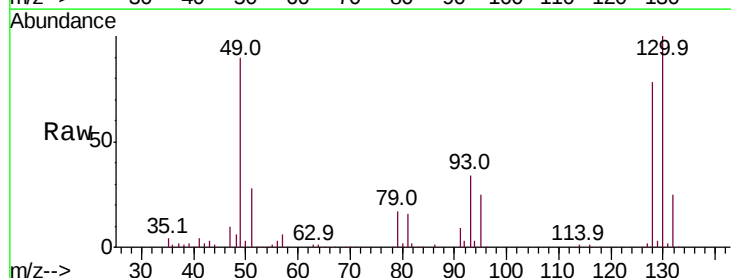
Instrument :
MSVOA_L
ClientSampleId :
QC102820 CAN 10006

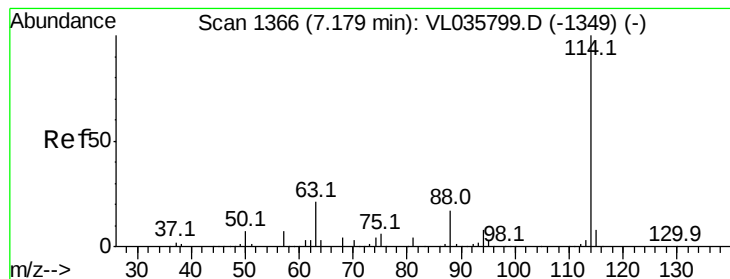
Tot Ion:	84	Resp:	39609
Ion	Ratio	Lower	Upper
84	100		
49	96.7	73.8	110.8
51	27.9	23.0	34.4
86	62.4	52.1	78.1



#26
Hexane
Concen: 0.150 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035865.D
Acq: 5 Nov 2020 18:19

Tgt Ion:	57	Resp:	20707
Ion	Ratio	Lower	Upper
57	100		
41	90.9	58.9	88.3#
43	68.5	150.2	225.2#
56	61.6	42.4	63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL035865.D

Acq: 5 Nov 2020 18:19

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

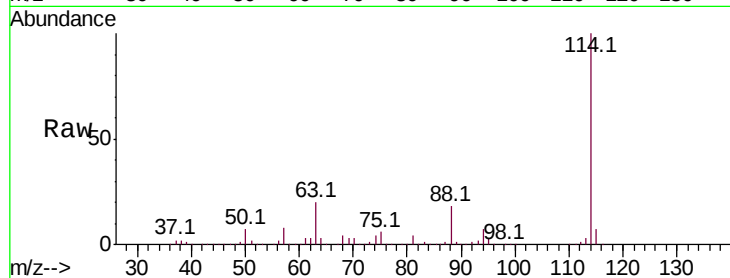
Tot Ion:114 Resp: 4823411

Ion Ratio Lower Upper

114 100

63 19.3 16.1 24.1

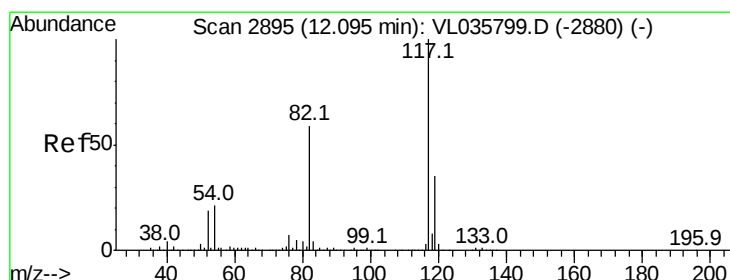
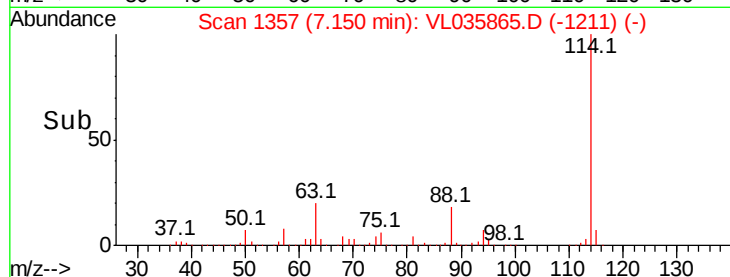
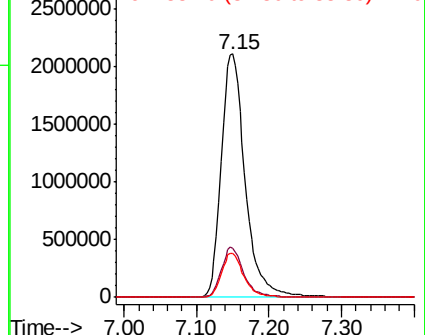
88 17.1 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.04 min

Lab File: VL035865.D

Acq: 5 Nov 2020 18:19

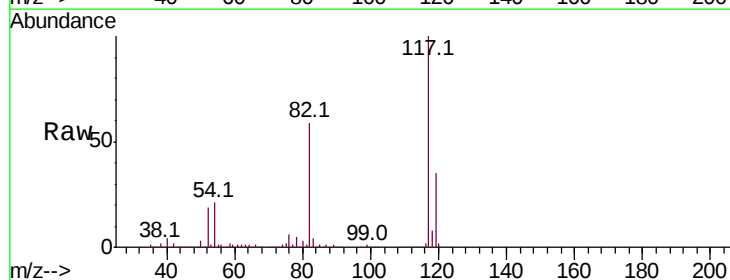
Tgt Ion:117 Resp: 4341546

Ion Ratio Lower Upper

117 100

82 58.2 50.6 76.0

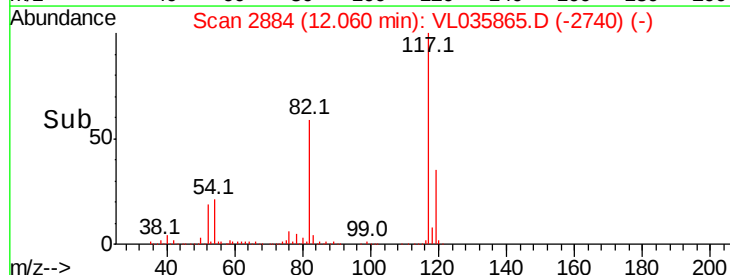
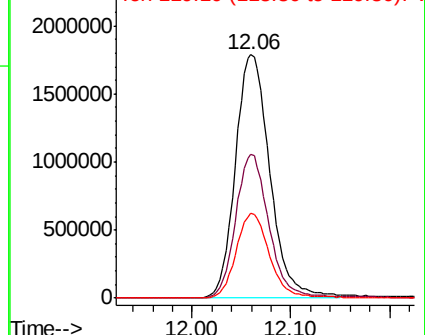
119 34.4 52.6 78.8#

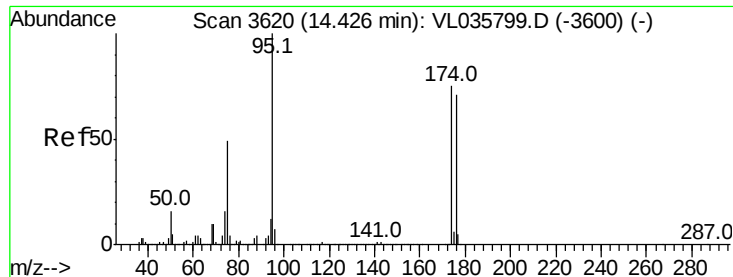


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.052 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.04 min

Lab File: VL035865.D

Acq: 5 Nov 2020 18:19

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

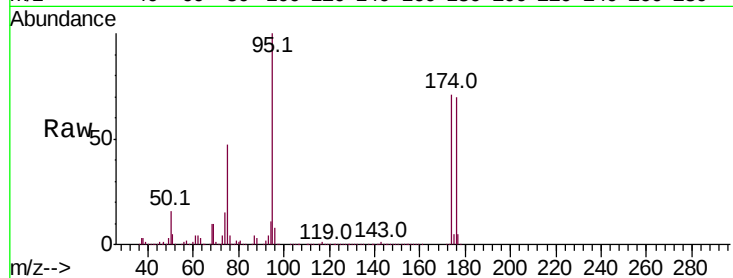
Tot Ion: 95 Resp: 3100471

Ion Ratio Lower Upper

95 100

174 75.0 59.8 89.6

175 5.3 4.3 6.5



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

