

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035854.D
 Acq On : 5 Nov 2020 5:22
 Operator : SY/AP
 Sample : OC102920 CAN 10604
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102920 CAN 10604

Manual Integrations
 APPROVED

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 11/5/2020 2:18:04 PM

Quant Time: Nov 05 06:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 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	822054	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3128288	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2838136	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2038346	10.11	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	16512	0.188	ppbv	# 1
20) Methylene Chloride	4.31	84	34644m	0.560	ppbv	
26) Hexane	5.66	57	14658m	0.154	ppbv	

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

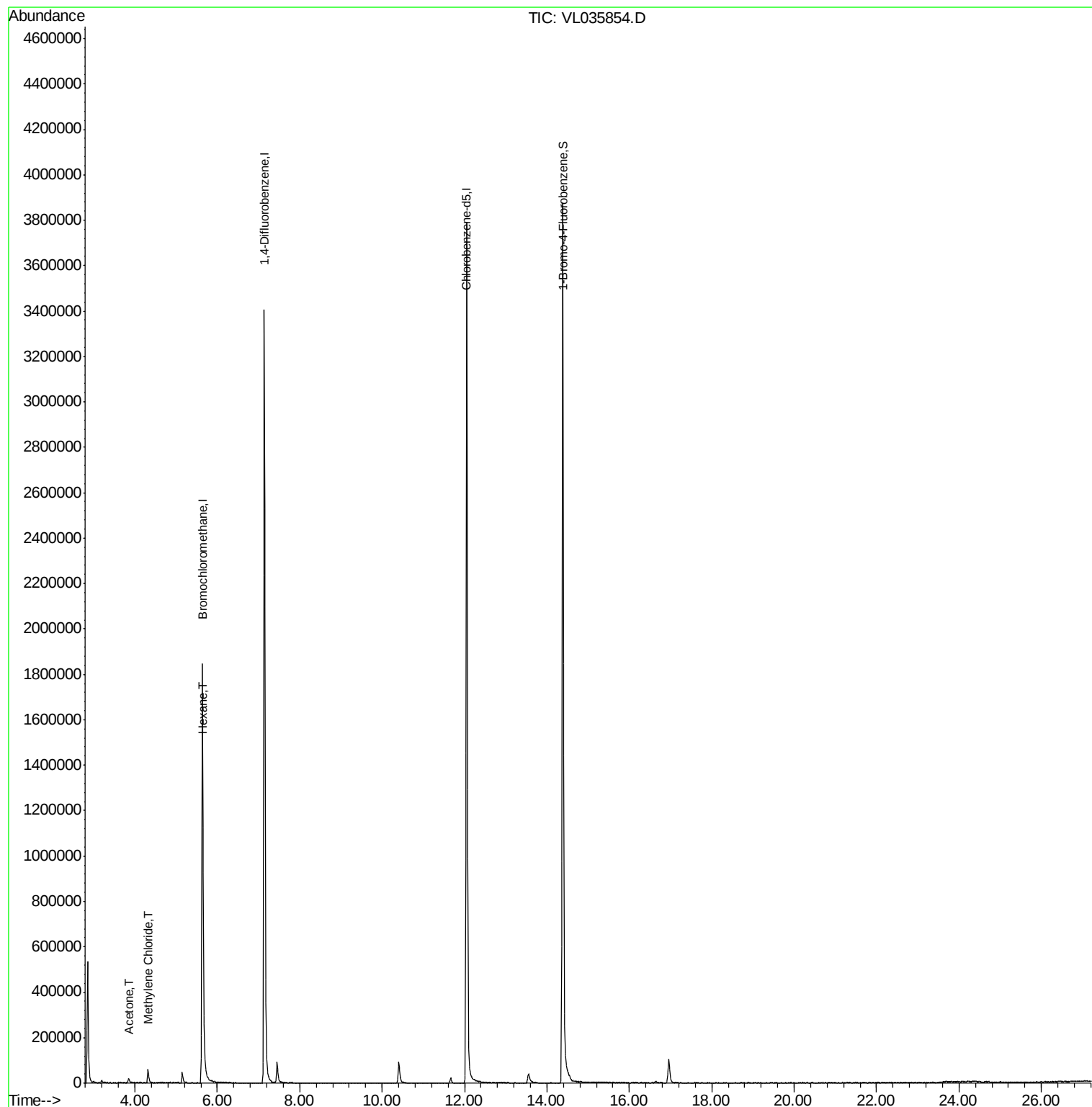
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
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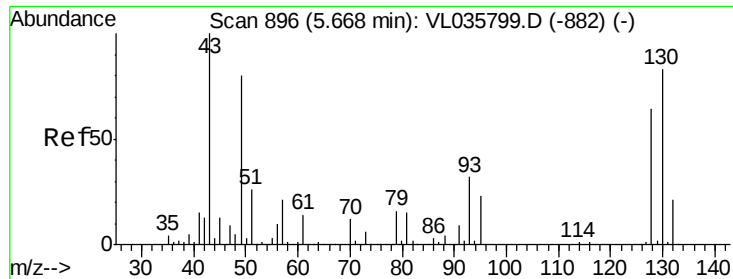
Instrument :
MSVOA_L
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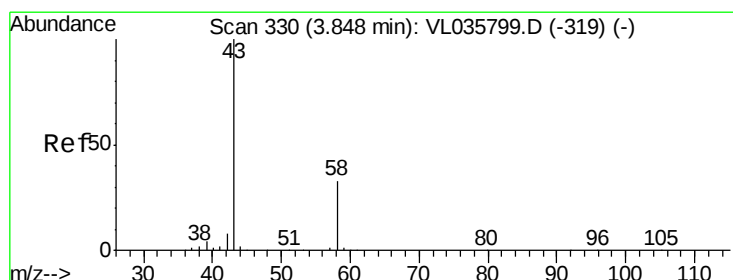
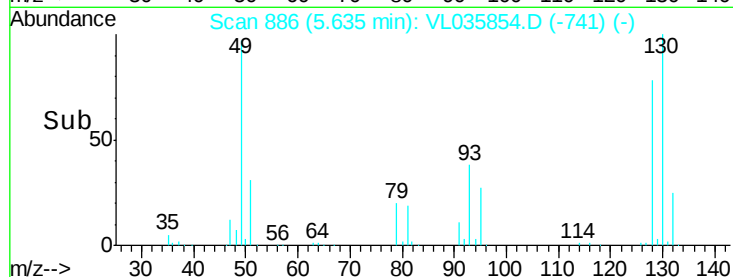
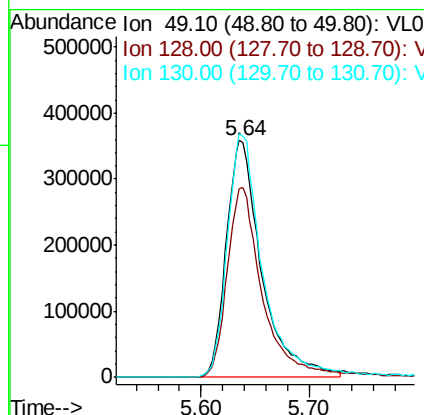
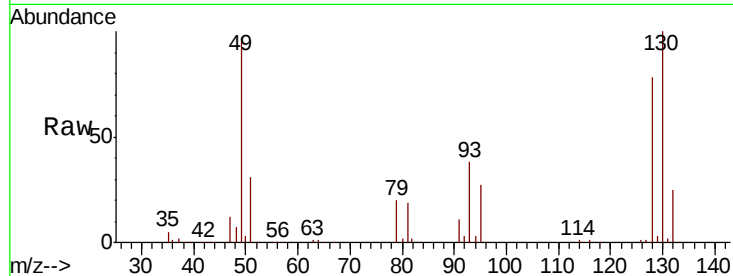
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035854.D
Acq: 5 Nov 2020 5:22

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

Tot Ion	Ratio	Lower	Upper
49	100		
128	81.2	41.5	124.6
130	105.3	53.7	161.1

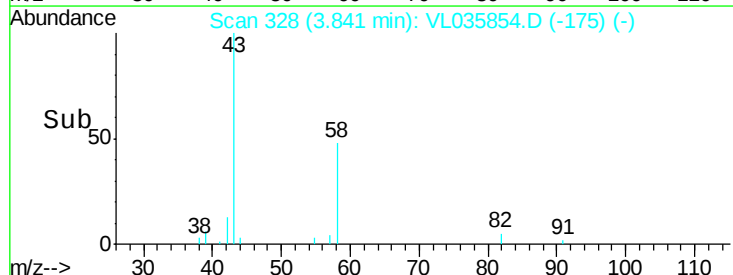
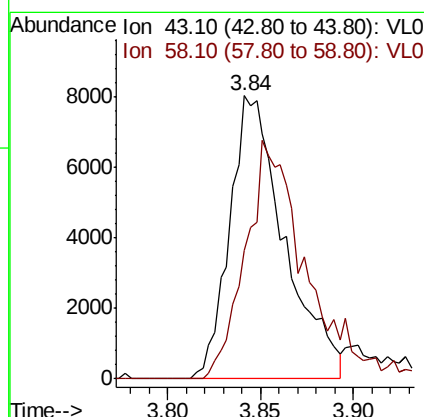
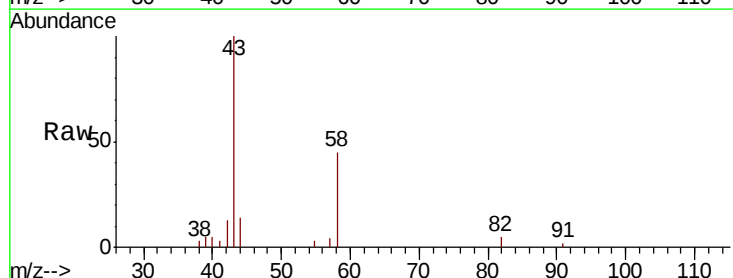
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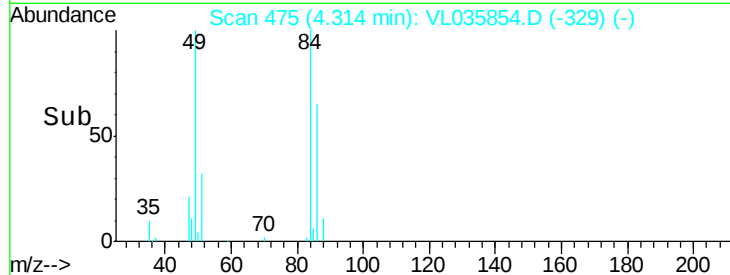
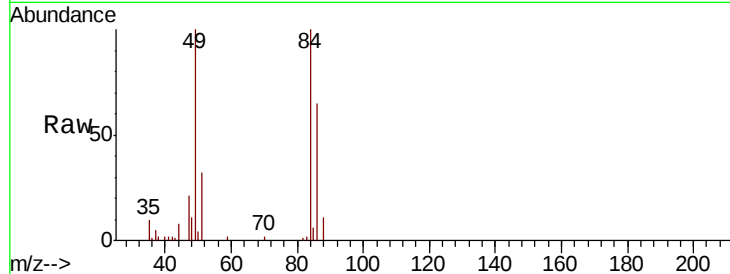
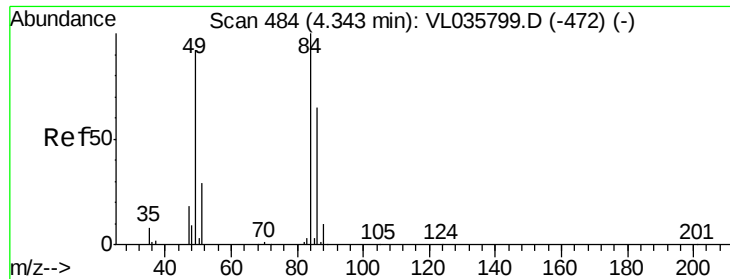
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#15
Acetone
Concen: 0.188 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035854.D
Acq: 5 Nov 2020 5:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	95.7	27.5	41.3#





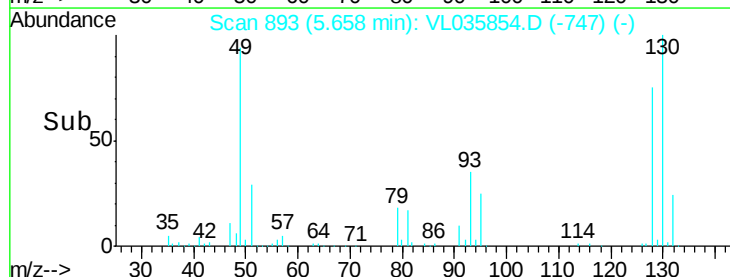
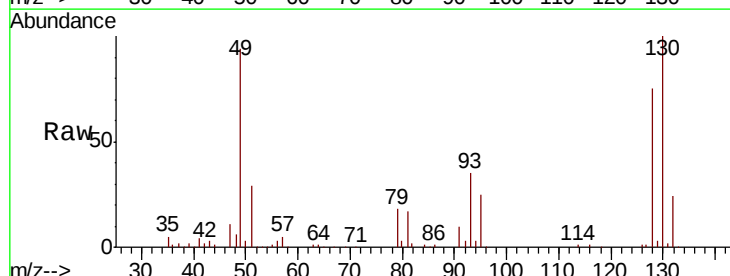
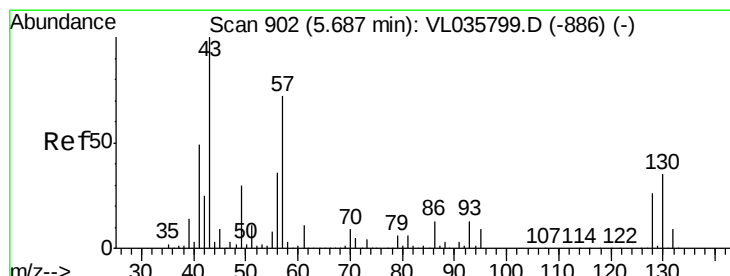
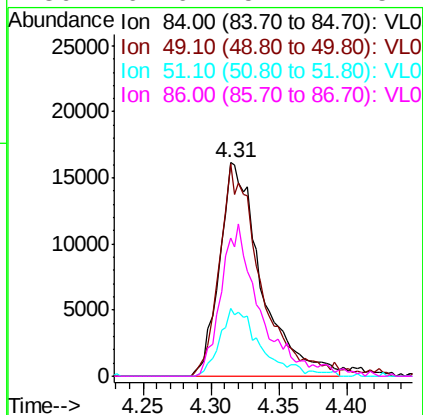
#20
Methvlene Chloride
Concen: 0.560 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL035854.D
Acq: 5 Nov 2020 5:22

Tot Ion:	84	Resp:	34644
Ion	Ratio	Lower	Upper
84	100		
49	99.5	73.8	110.8
51	32.0	23.0	34.4
86	64.6	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
QC102920 CAN 10604

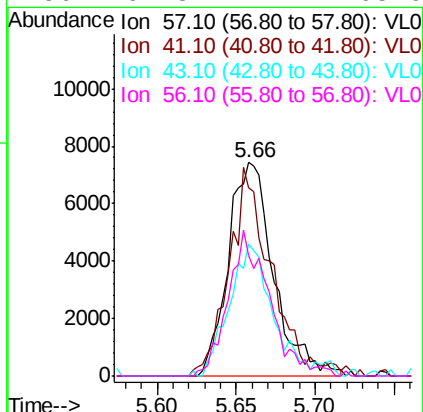
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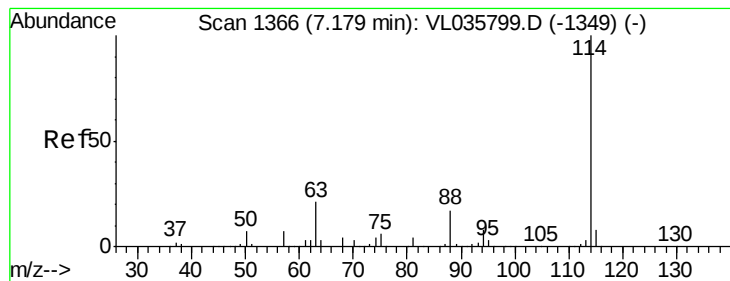
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#26
Hexane
Concen: 0.154 ppbv m
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035854.D
Acq: 5 Nov 2020 5:22

Tgt Ion:	57	Resp:	14658
Ion	Ratio	Lower	Upper
57	100		
41	92.0	58.9	88.3#
43	62.4	150.2	225.2#
56	62.3	42.4	63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.04 min

Lab File: VL035854.D

Acq: 5 Nov 2020 5:22

Instrument :

MSVOA_L

ClientSampleId :

QC102920 CAN 10604

Tot Ion:114 Resp: 3128288

Ion Ratio Lower Upper

114 100

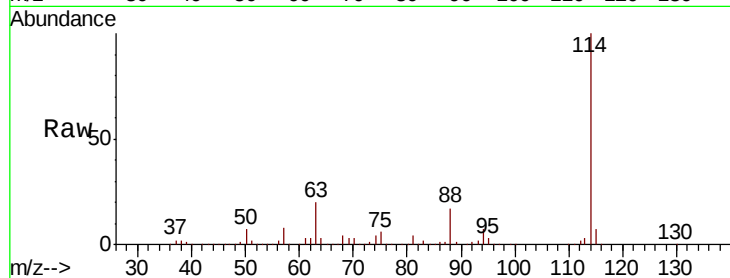
63 20.0 16.1 24.1

88 17.0 13.7 20.5

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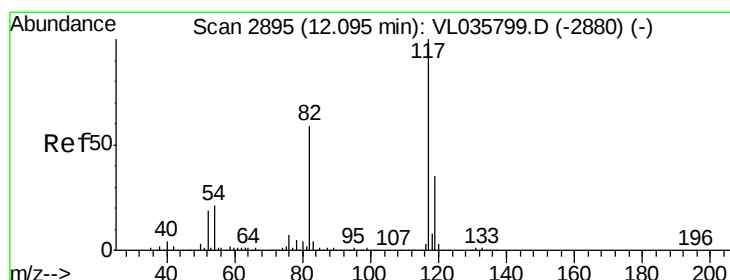
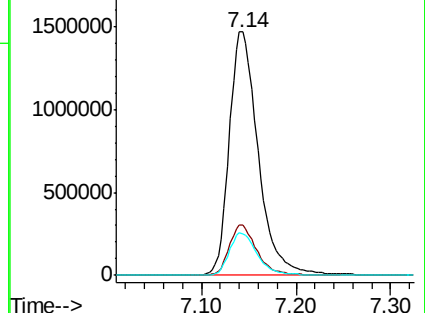
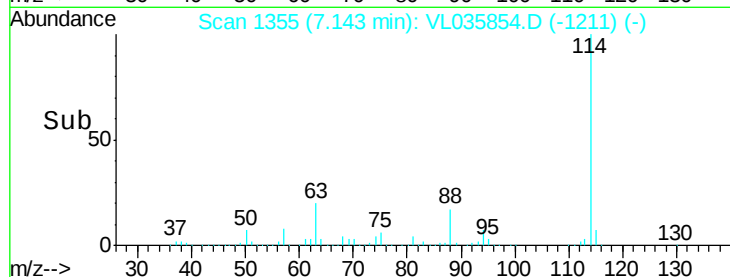
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Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.05 min Scan# 2882

Delta R.T. -0.04 min

Lab File: VL035854.D

Acq: 5 Nov 2020 5:22

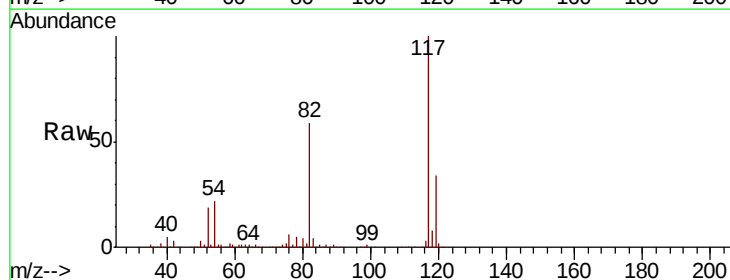
Tgt Ion:117 Resp: 2838136

Ion Ratio Lower Upper

117 100

82 59.6 50.6 76.0

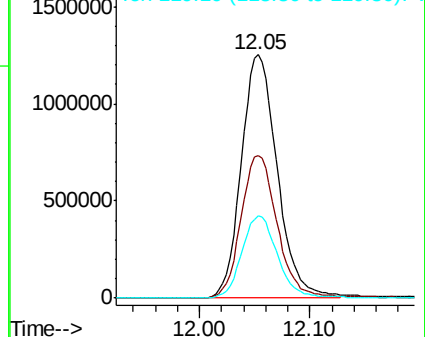
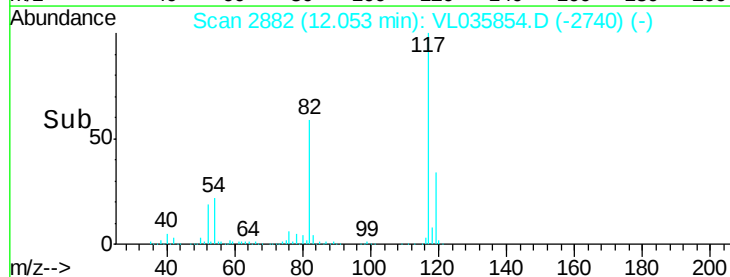
119 34.2 52.6 78.8#

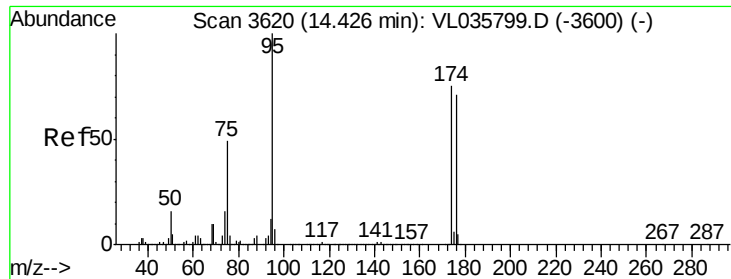


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.109 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T. -0.04 min
 Lab File: VL035854.D
 Acq: 5 Nov 2020 5:22

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102920 CAN 10604

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.0	59.8	89.6
175	5.4	4.3	6.5

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