

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073020\
Quantitation Report (Not Reviewed)

Data File : VL035276.D
Acq On : 30 Jul 2020 11:32
Operator : SY/AP
Sample : QC CAN 10153
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10153

Quant Time: Jul 30 12:34:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1058154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2627360	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2447143	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1987350	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

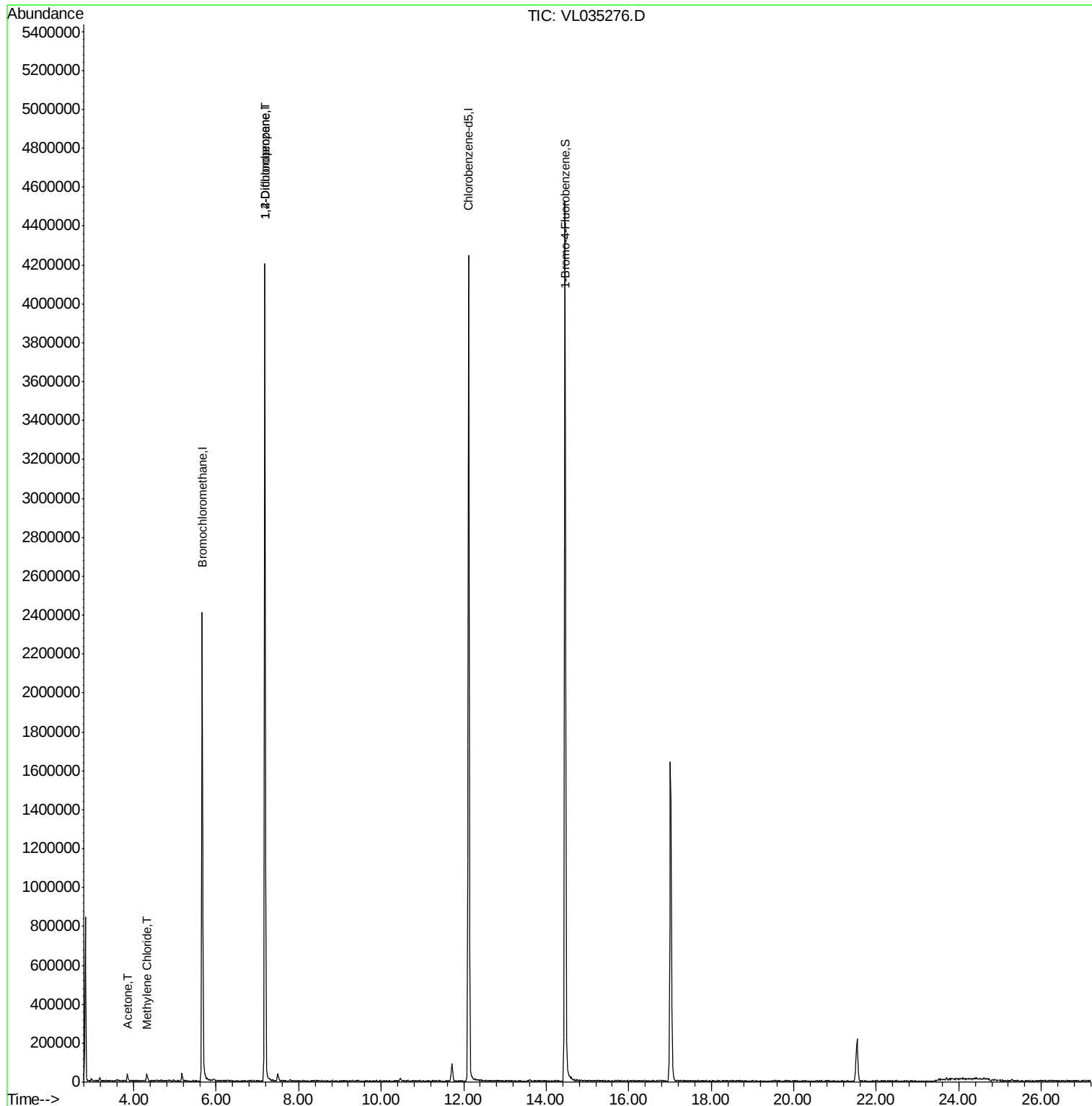
Target Compounds					Qvalue	
15) Acetone	3.84	43	28175	0.200	ppbv #	51
20) Methylene Chloride	4.31	84	3114	0.048	ppbv #	74
39) 1,2-Dichloropropane	7.18	63	723152	9.926	ppbv #	23

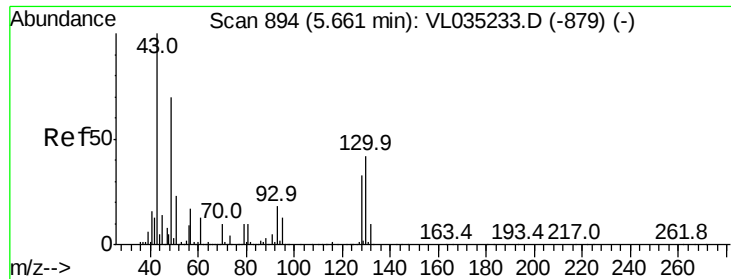
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

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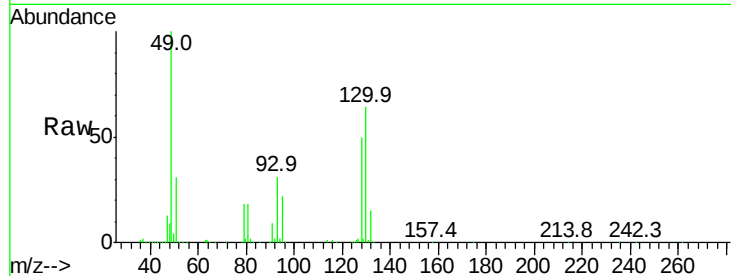
Tgt Ion: 49 Resp: 1058154

Ion Ratio Lower Upper

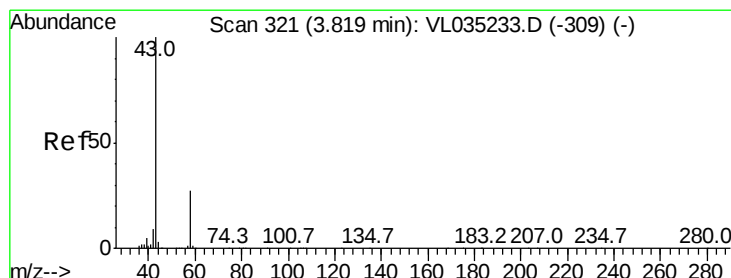
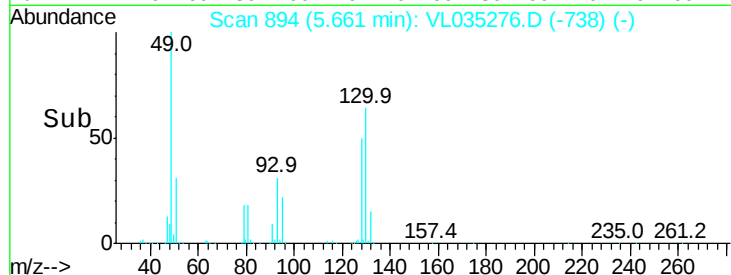
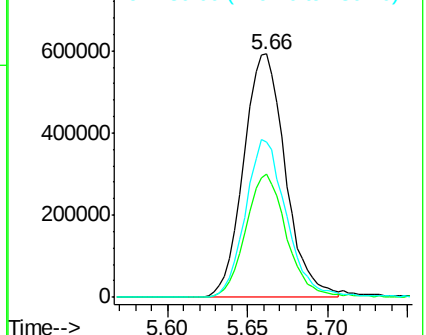
49 100

128 49.8 24.0 72.0

130 64.8 30.7 92.1



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: 0.200 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL035276.D

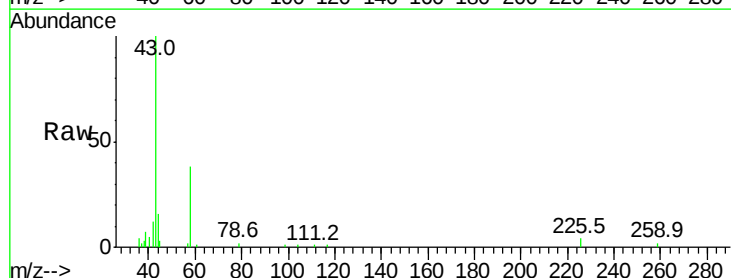
Acq: 30 Jul 2020 11:32

Tgt Ion: 43 Resp: 28175

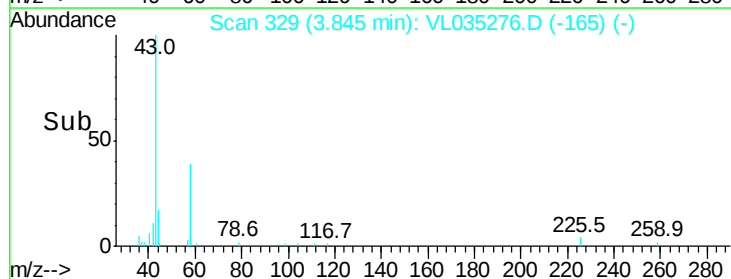
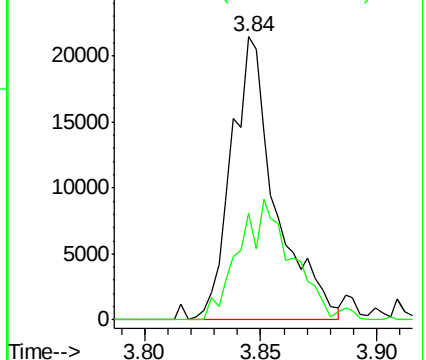
Ion Ratio Lower Upper

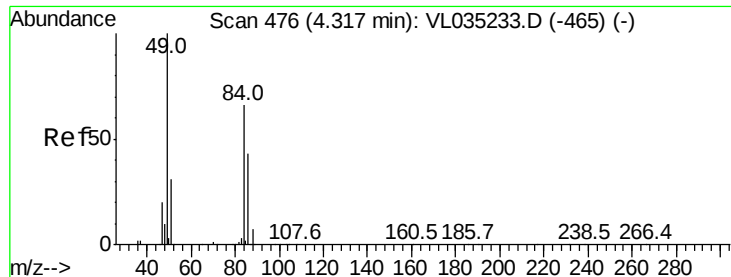
43 100

58 52.6 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

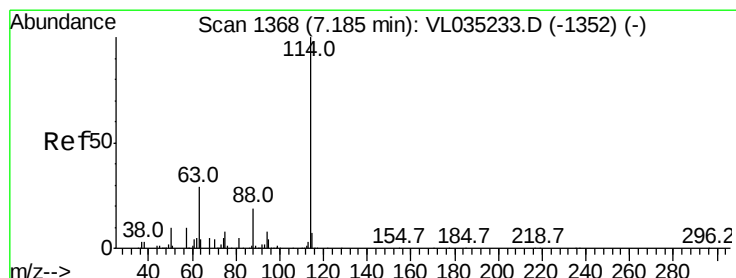
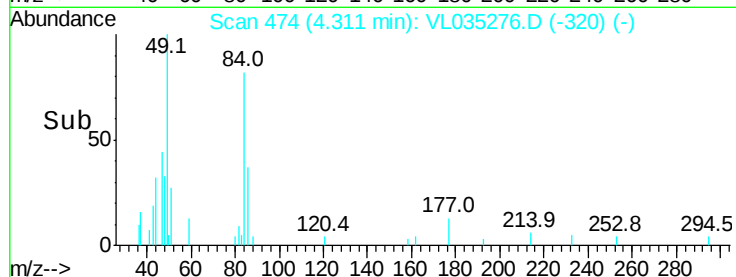
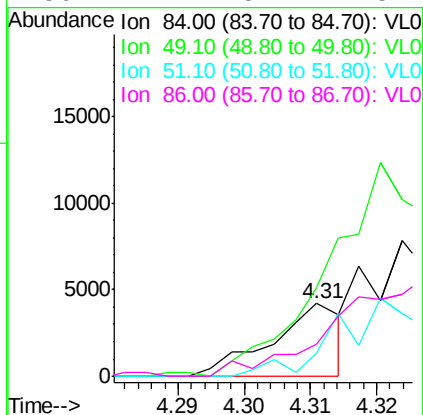
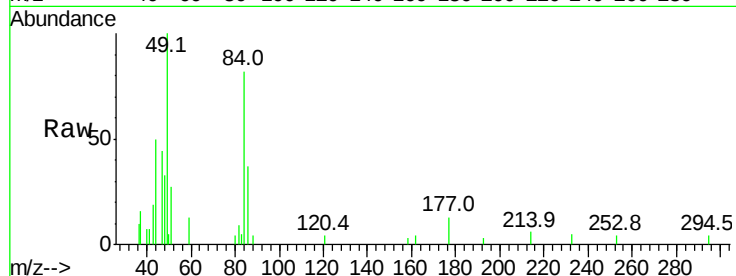




#20
Methylene Chloride
Concen: 0.048 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035276.D
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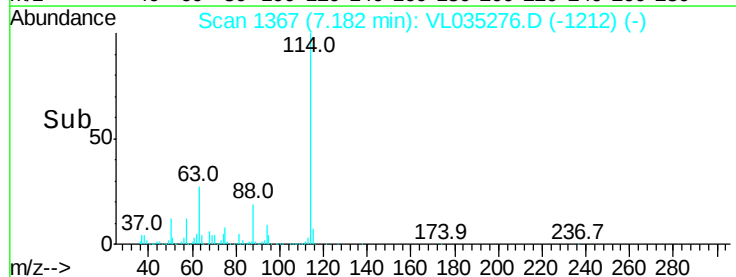
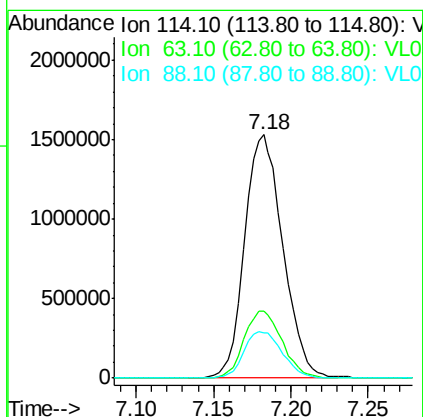
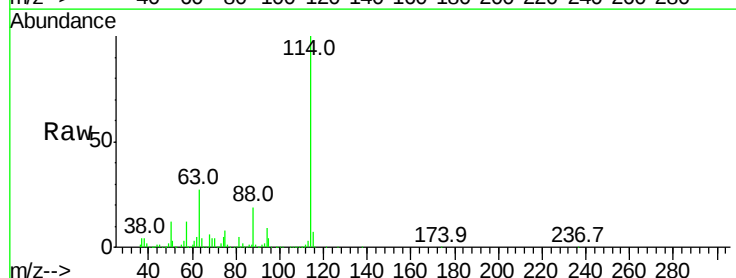
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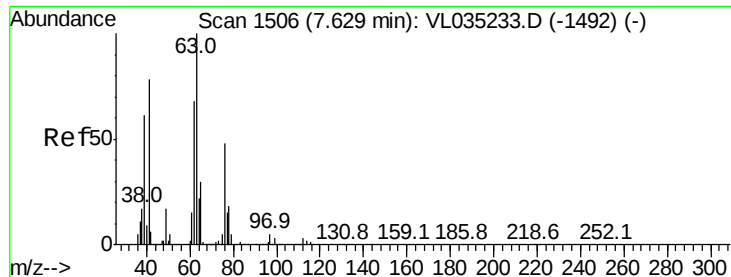
Tgt Ion: 84 Resp: 3114
Ion Ratio Lower Upper
84 100
49 117.1 121.0 181.4#
51 32.3 37.7 56.5#
86 44.7 52.2 78.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL035276.D
Acq: 30 Jul 2020 11:32

Tgt Ion: 114 Resp: 2627360
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 19.4 15.4 23.0

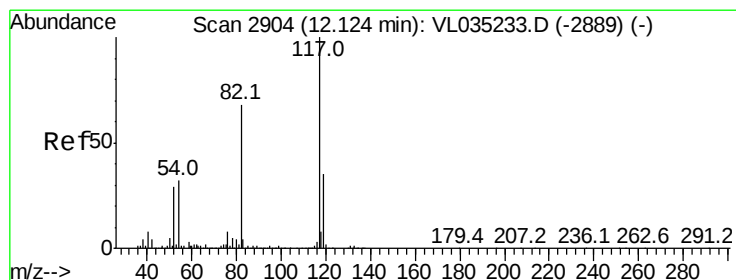
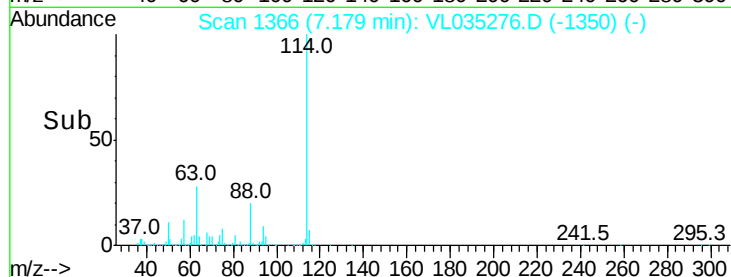
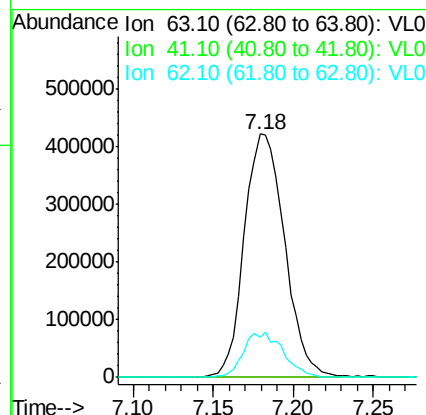
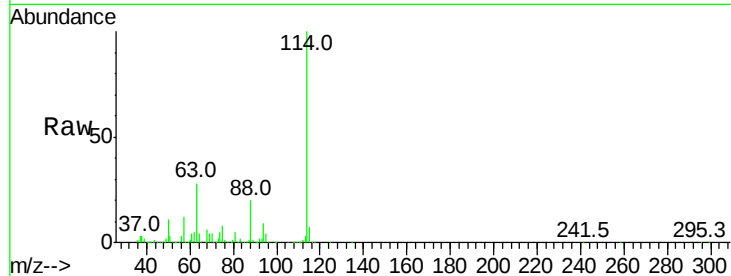




#39
 1,2-Dichloropropane
 Concen: 9.926 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL035276.D
 Acq: 30 Jul 2020 11:32

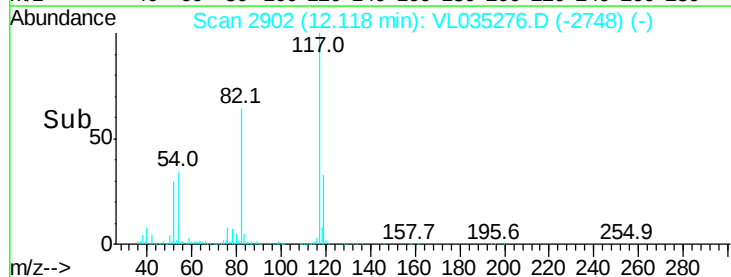
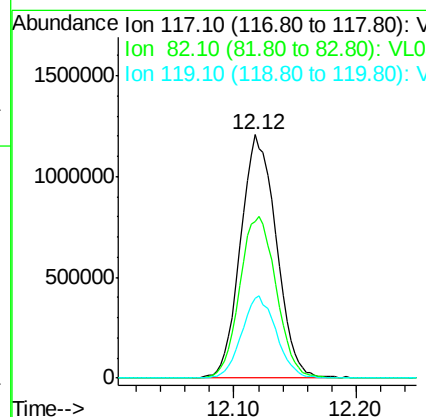
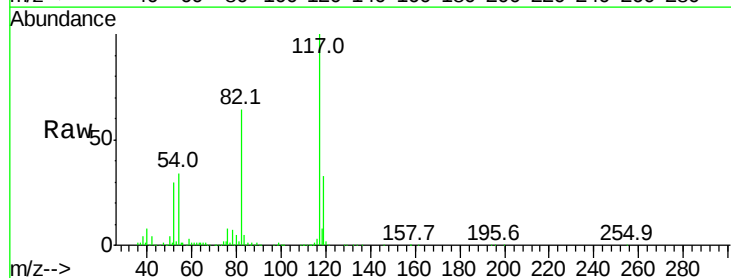
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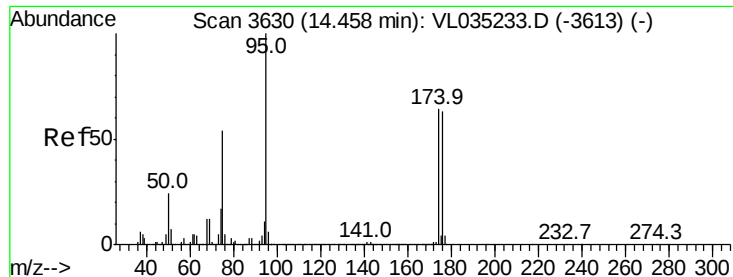
Tgt Ion: 63 Resp: 723152
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.2 93.4#
 62 16.1 54.2 81.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: VL035276.D
 Acq: 30 Jul 2020 11:32

Tgt Ion: 117 Resp: 2447143
 Ion Ratio Lower Upper
 117 100
 82 68.6 52.4 78.6
 119 32.7 24.6 36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.163 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

Lab File: VL035276.D

Acq: 30 Jul 2020 11:32

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10153

Tgt Ion: 95 Resp: 1987350

Ion Ratio Lower Upper

95 100

174 66.0 52.7 79.1

175 5.0 3.9 5.9

