

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035280.D
 Acq On : 30 Jul 2020 14:43
 Operator : SY/AP
 Sample : OC CAN 10321
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10321

Quant Time: Jul 31 05:06:17 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	1049749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2606632	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2372850	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1970246	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

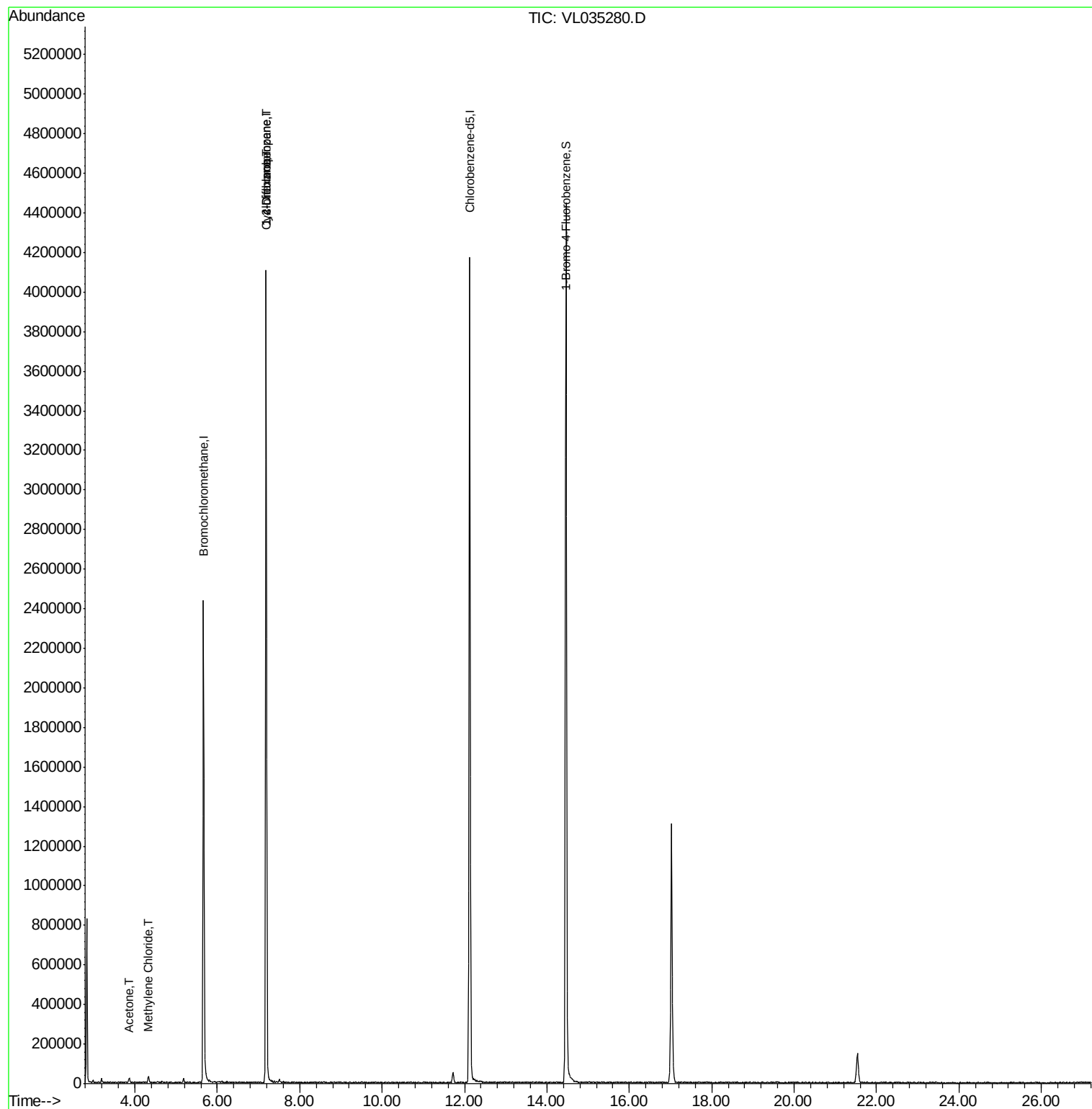
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	12448	0.089	ppbv #	1
20) Methylene Chloride	4.32	84	8222	0.129	ppbv #	67
30) Cyclohexane	7.17	84	4265	0.060	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	713783	9.876	ppbv #	23

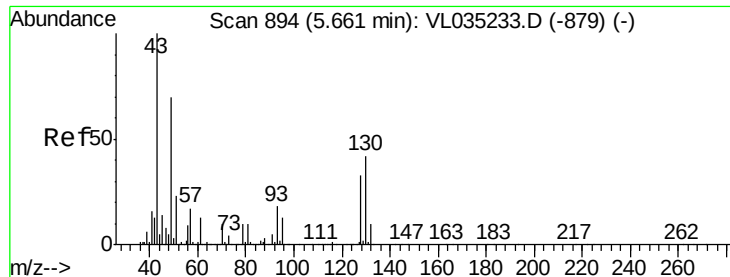
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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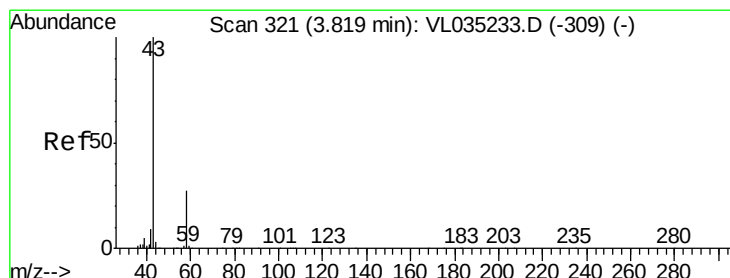
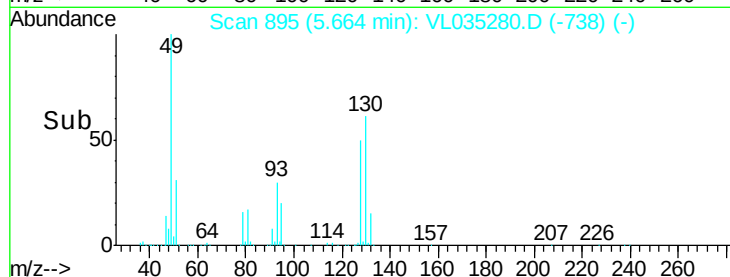
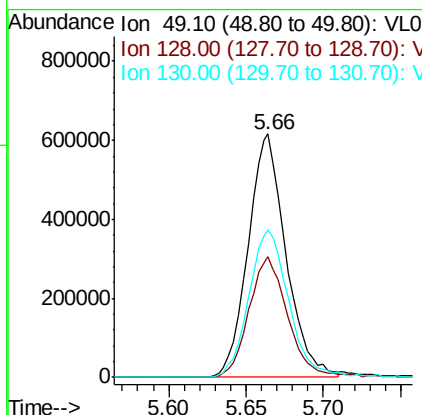
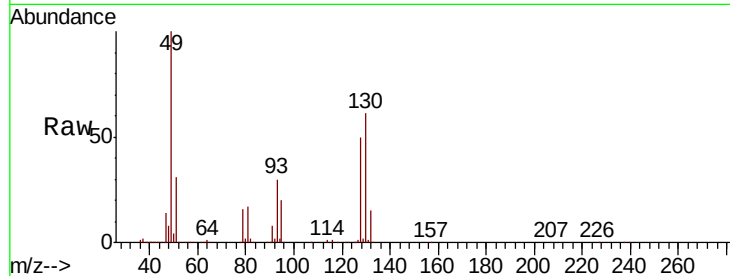




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL035280.D
 Acq: 30 Jul 2020 14:43

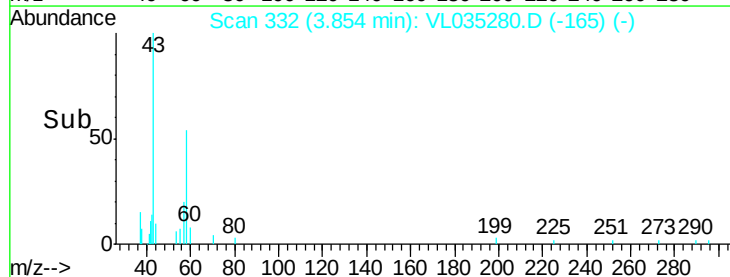
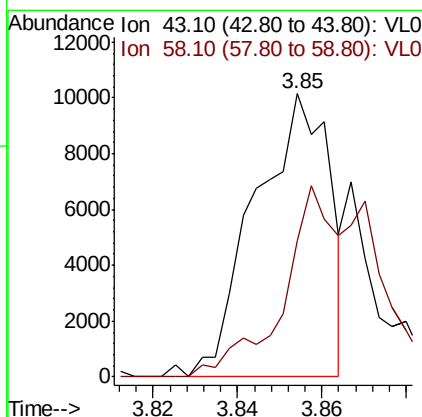
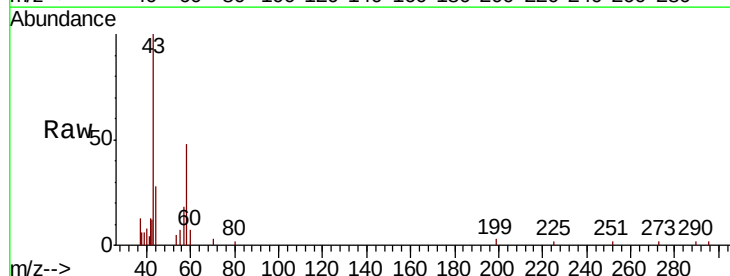
Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10321

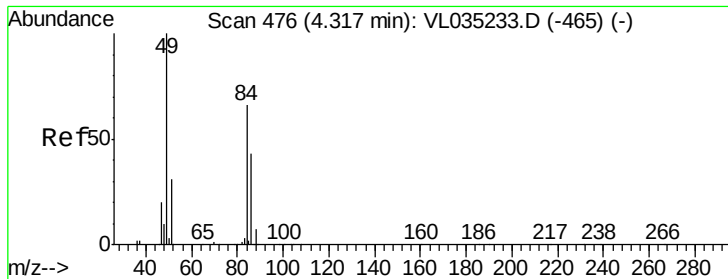
Tot Ion: 49 Resp: 1049749
 Ion Ratio Lower Upper
 49 100
 128 51.3 24.0 72.0
 130 64.6 30.7 92.1



#15
 Acetone
 Concen: 0.089 ppbv
 RT: 3.85 min Scan# 332
 Delta R.T. 0.04 min
 Lab File: VL035280.D
 Acq: 30 Jul 2020 14:43

Tgt Ion: 43 Resp: 12448
 Ion Ratio Lower Upper
 43 100
 58 84.5 21.8 32.6#

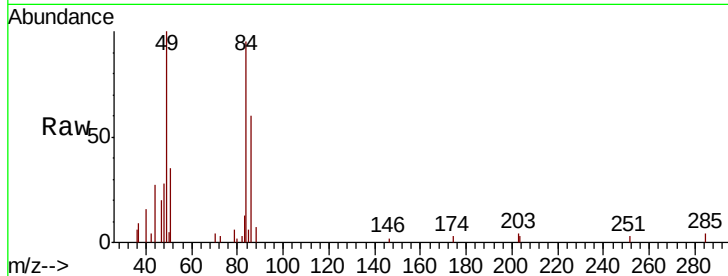




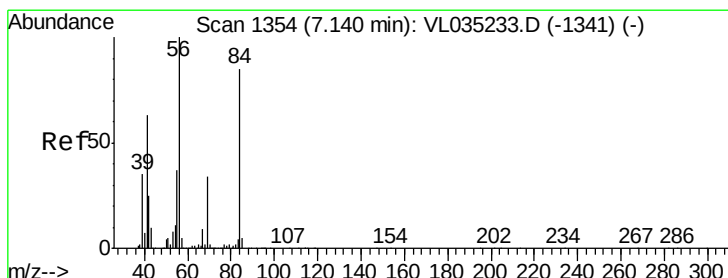
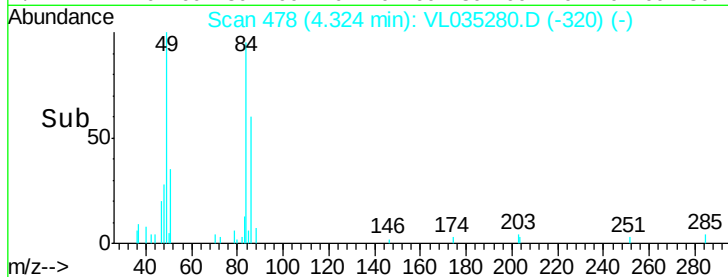
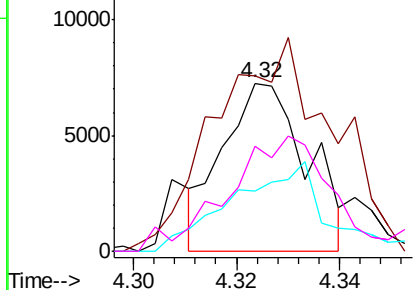
#20
Methylene Chloride
Concen: 0.129 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035280.D
Acq: 30 Jul 2020 14:43

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

Tot Ion: 84 Resp: 8222
Ion Ratio Lower Upper
84 100
49 90.4 121.0 181.4#
51 34.1 37.7 56.5#
86 70.8 52.2 78.4

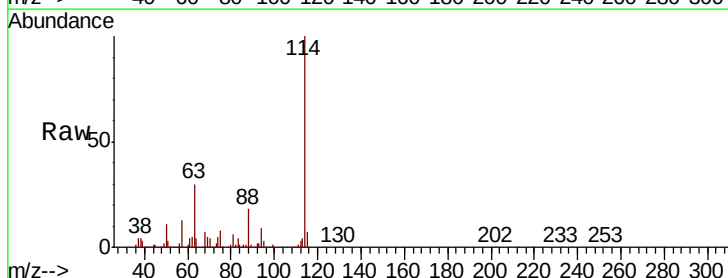


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

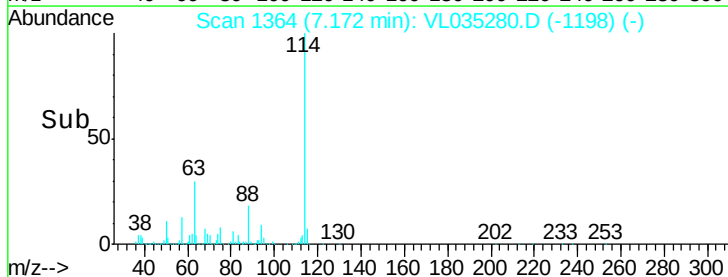
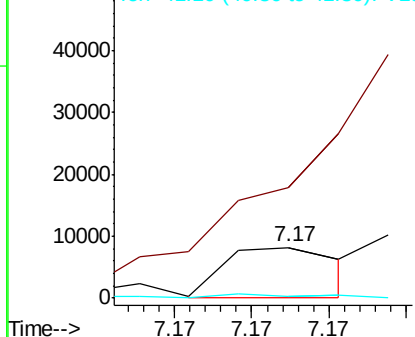


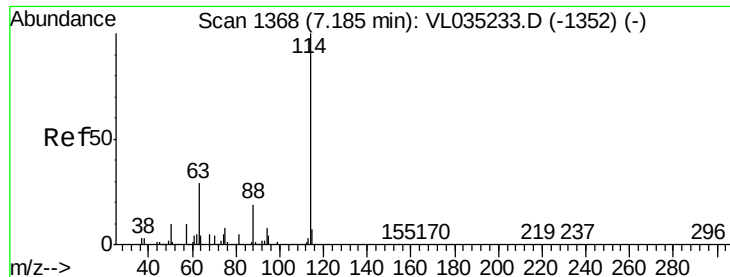
#30
Cyclohexane
Concen: 0.060 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035280.D
Acq: 30 Jul 2020 14:43

Tgt Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 8.9 63.7 95.5#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

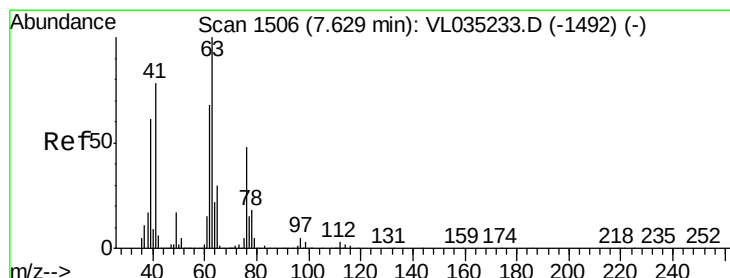
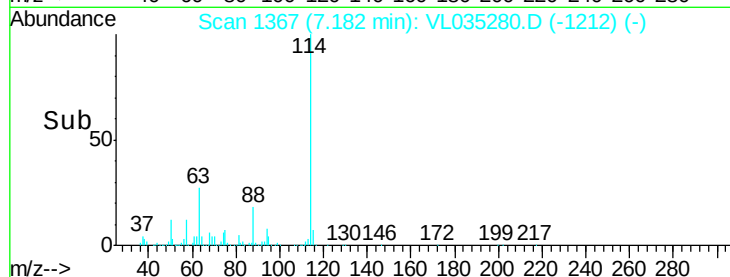
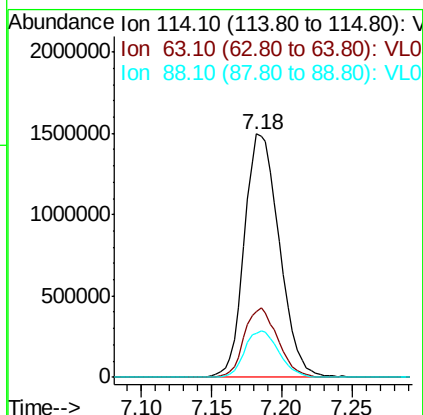
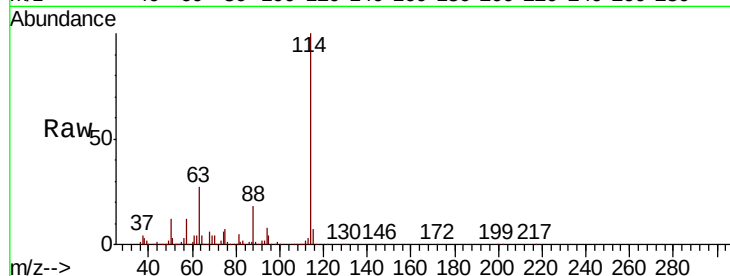




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL035280.D
 Acq: 30 Jul 2020 14:43

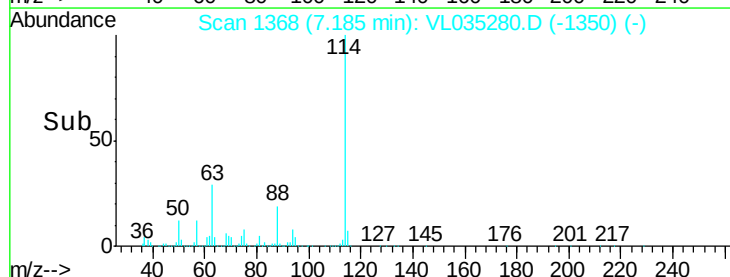
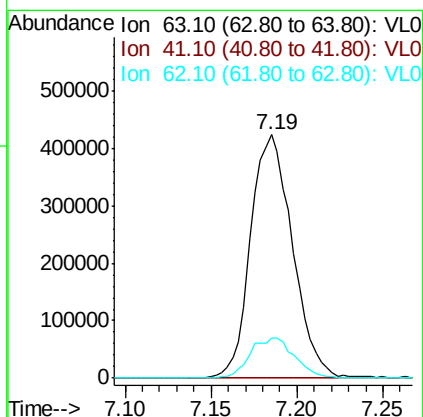
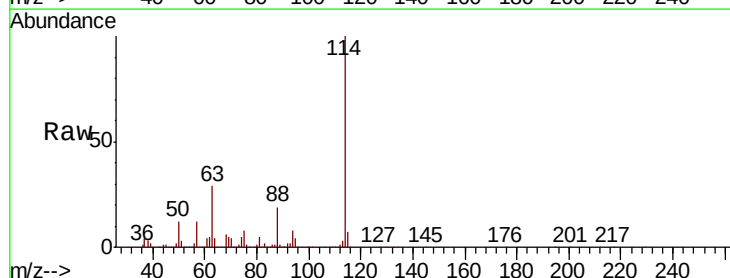
Instrument :
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 ClientSampleId :
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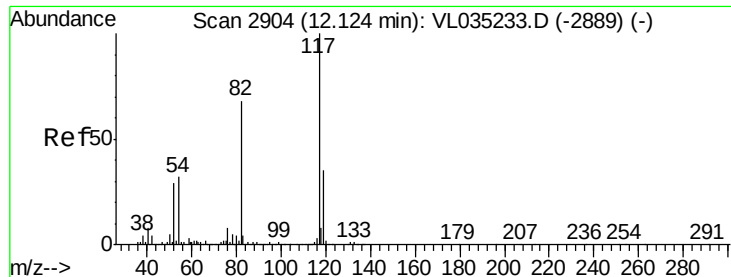
Tot Ion:114 Resp: 2606632
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.2 33.2
 88 18.9 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.876 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035280.D
 Acq: 30 Jul 2020 14:43

Tgt Ion: 63 Resp: 713783
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 16.6 54.2 81.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. -0.00 min

Lab File: VL035280.D

Acq: 30 Jul 2020 14:43

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

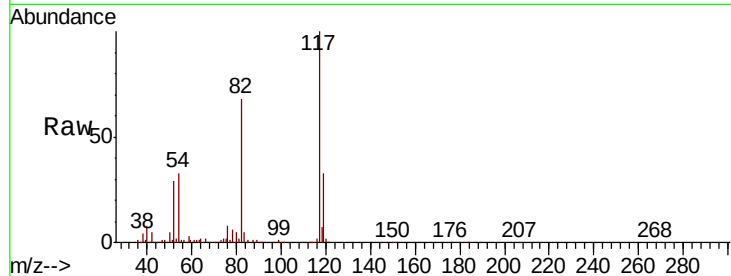
Tot Ion:117 Resp: 2372850

Ion Ratio Lower Upper

117 100

82 69.0 52.4 78.6

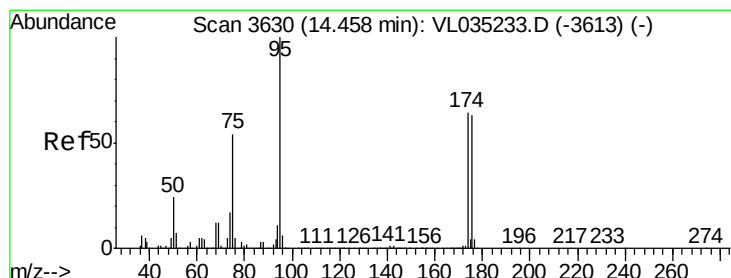
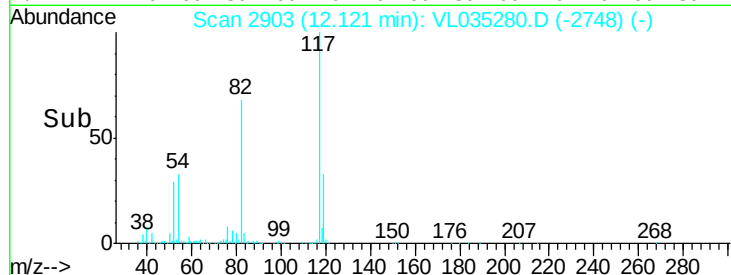
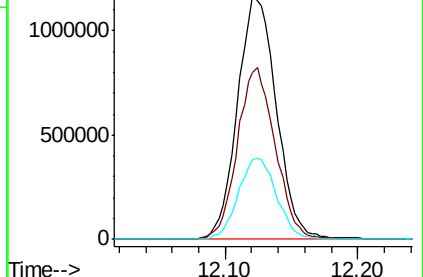
119 33.1 24.6 36.8



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: 10.391 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VL035280.D

Acq: 30 Jul 2020 14:43

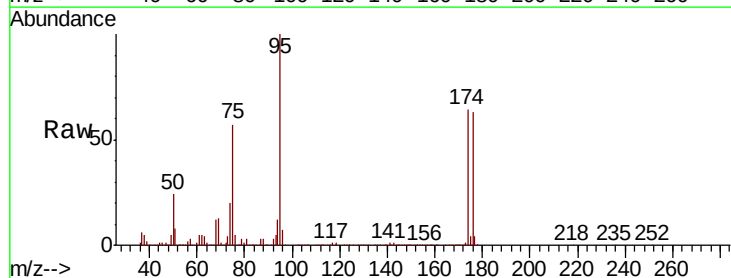
Tgt Ion: 95 Resp: 1970246

Ion Ratio Lower Upper

95 100

174 64.8 52.7 79.1

175 4.7 3.9 5.9



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

