

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073120\
Quantitation Report (Not Reviewed)

Data File : VL035304.D
Acq On : 31 Jul 2020 15:16
Operator : SY/AP
Sample : CAN 10279
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

Quant Time: Jul 31 15:51:40 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	992865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2472462	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2221451	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1856992	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

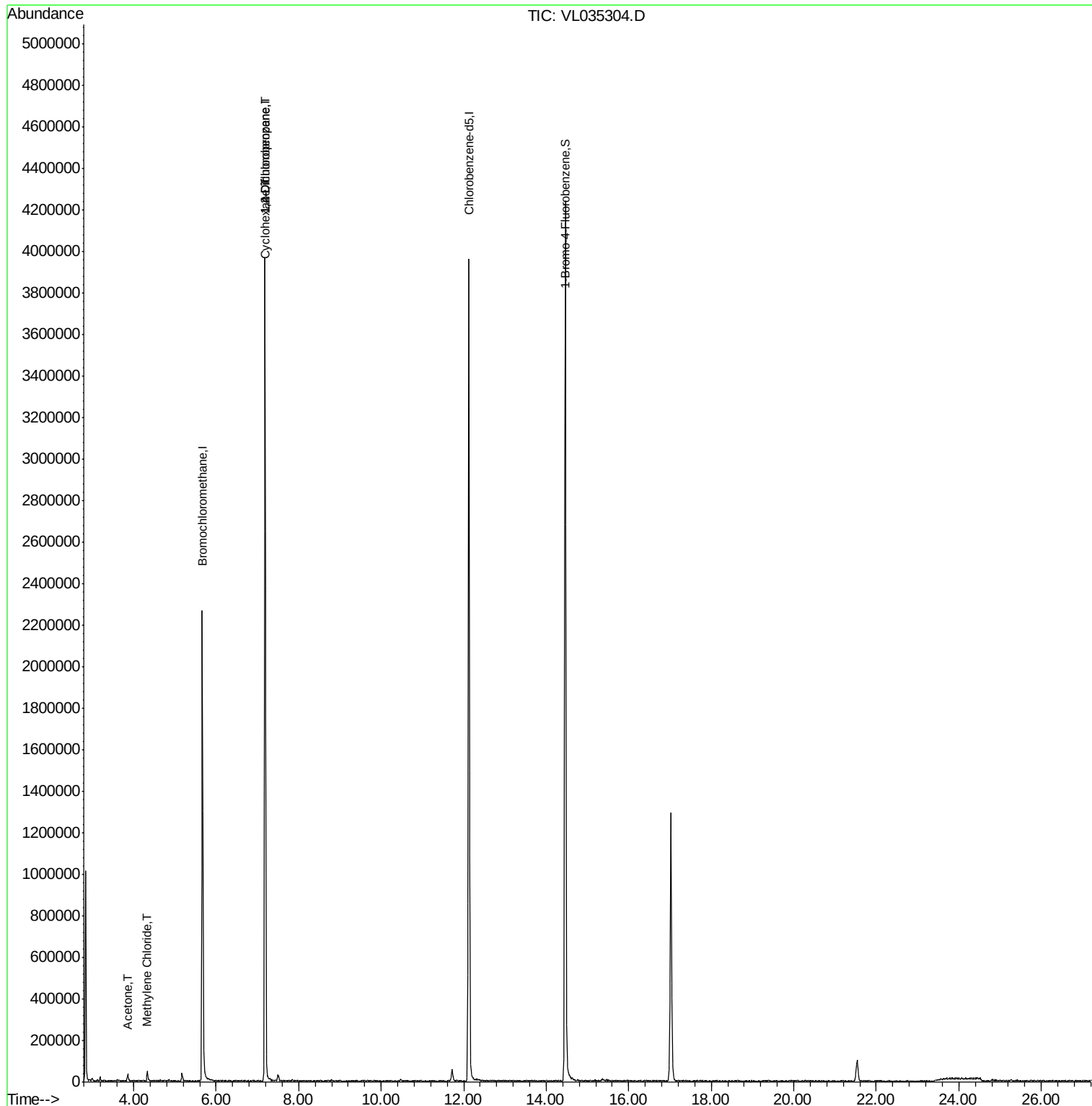
Target Compounds					Qvalue	
15) Acetone	3.85	43	13864	0.105	ppbv #	48
20) Methylene Chloride	4.33	84	15444	0.256	ppbv #	77
30) Cyclohexane	7.17	84	5093	0.076	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	667279	9.733	ppbv #	24

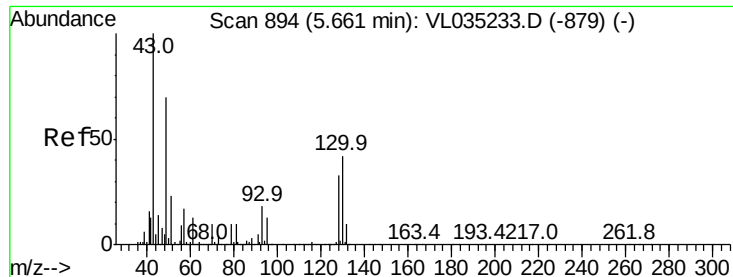
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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CAN 10279

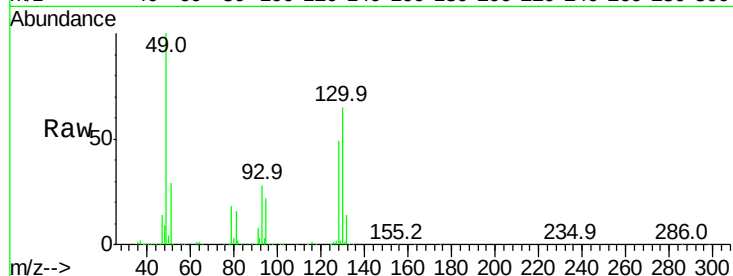
Tgt Ion: 49 Resp: 992865

Ion Ratio Lower Upper

49 100

128 50.1 24.0 72.0

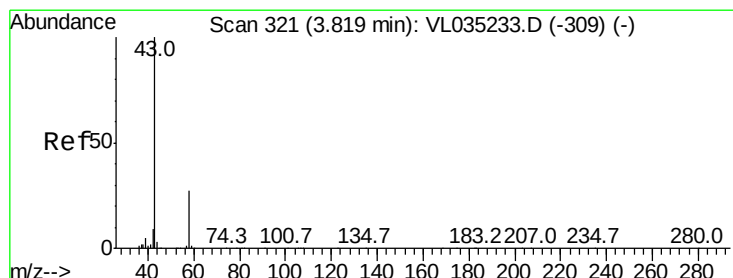
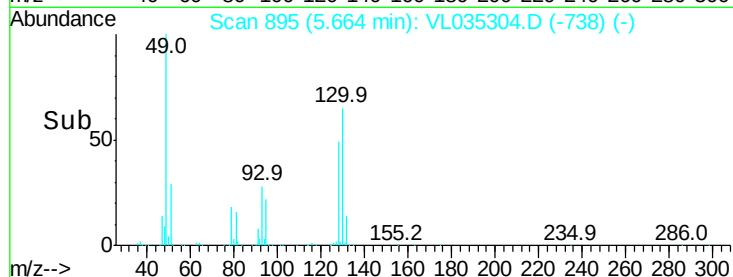
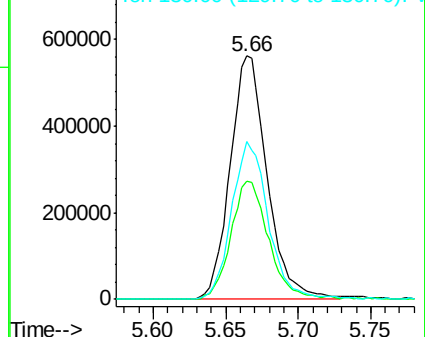
130 65.3 30.7 92.1



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



#15

Acetone

Concen: 0.105 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.03 min

Lab File: VL035304.D

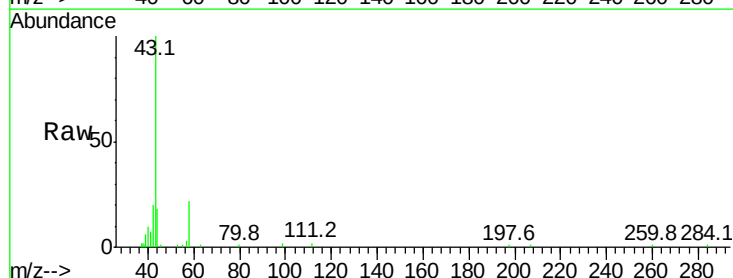
Acq: 31 Jul 2020 15:16

Tgt Ion: 43 Resp: 13864

Ion Ratio Lower Upper

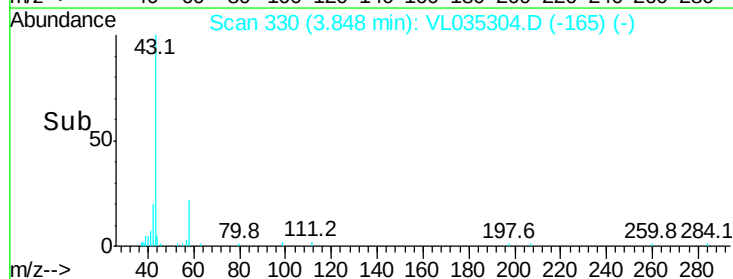
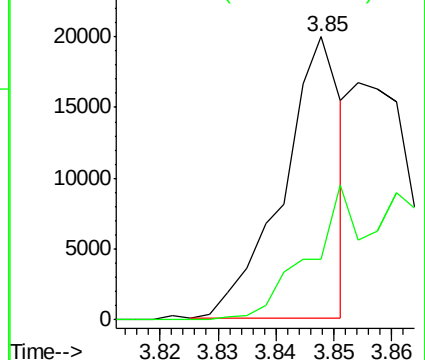
43 100

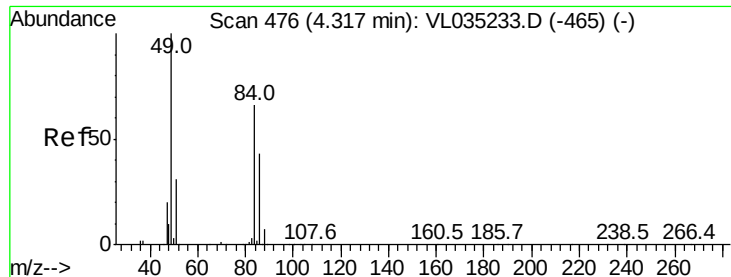
58 0.0 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

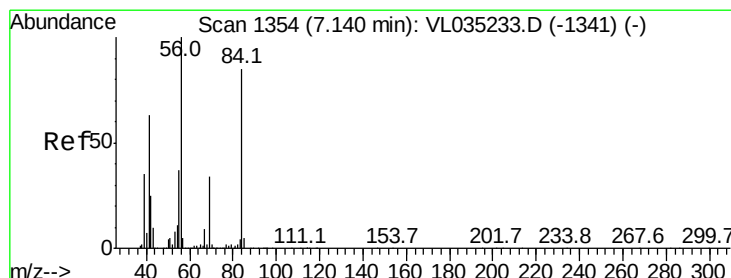
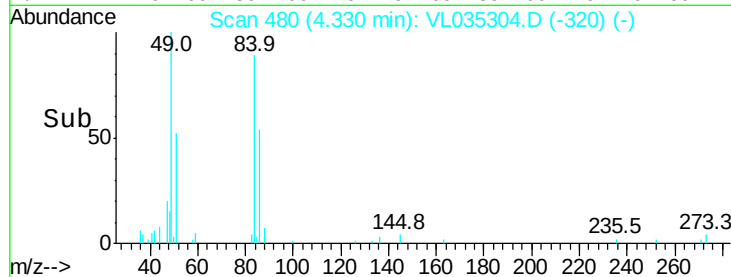
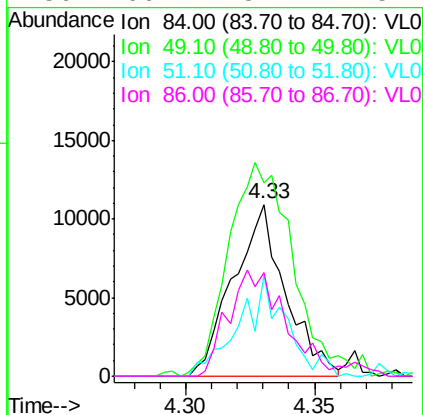
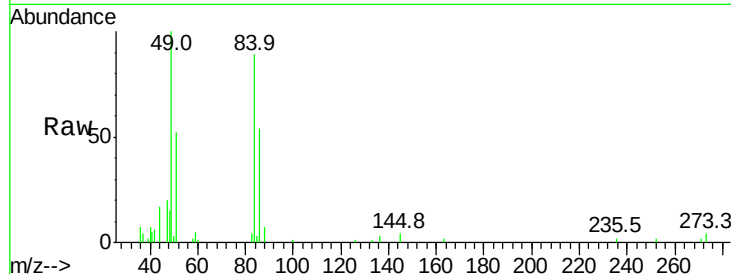




#20
Methylene Chloride
Concen: 0.256 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL035304.D
Acq: 31 Jul 2020 15:16

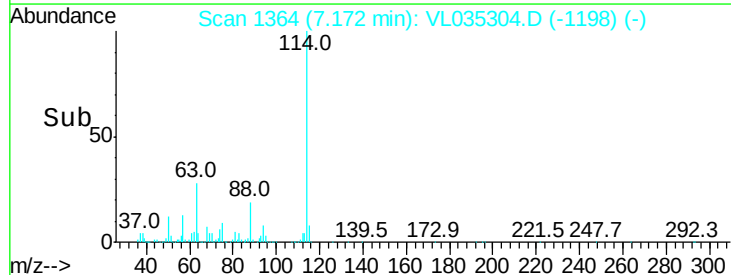
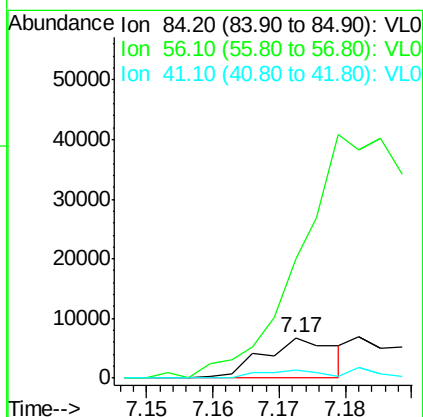
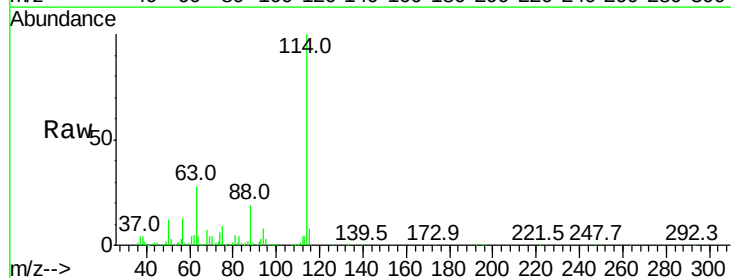
Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

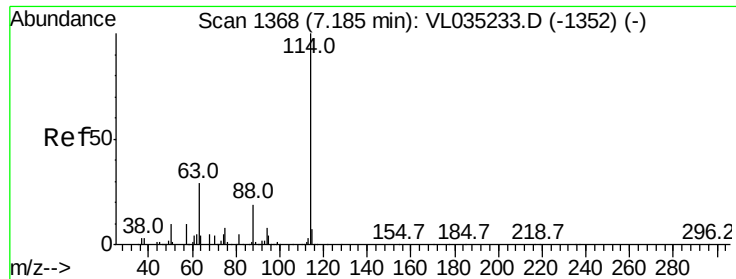
Tgt Ion: 84 Resp: 15444
Ion Ratio Lower Upper
84 100
49 109.4 121.0 181.4#
51 58.5 37.7 56.5#
86 60.1 52.2 78.4



#30
Cyclohexane
Concen: 0.076 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035304.D
Acq: 31 Jul 2020 15:16

Tgt Ion: 84 Resp: 5093
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 0.0 63.7 95.5#

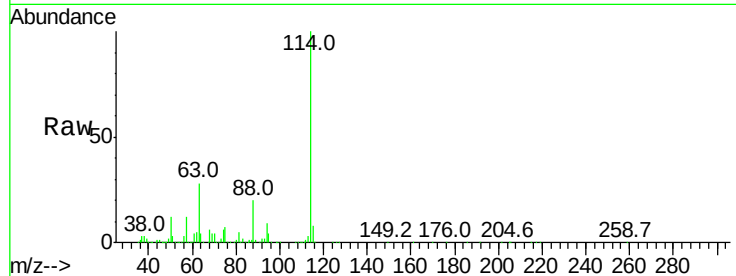




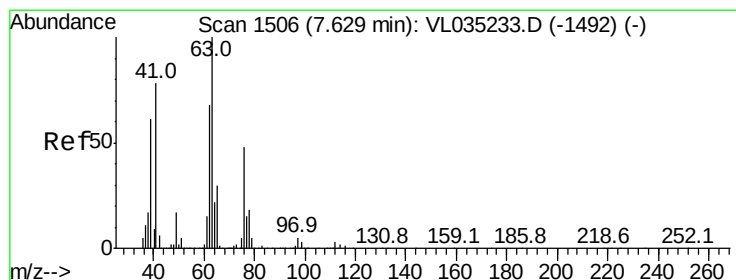
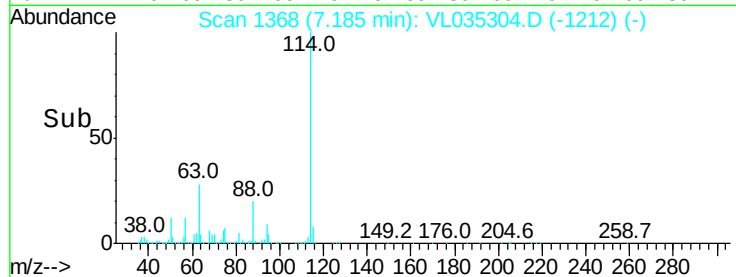
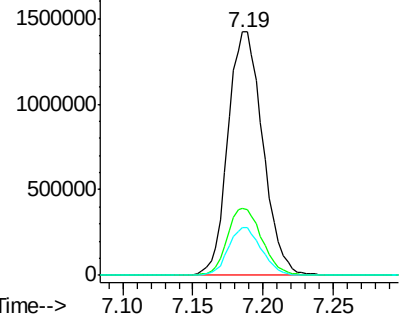
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL035304.D
 Acq: 31 Jul 2020 15:16

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10279

Tgt Ion:114 Resp: 2472462
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.2 33.2
 88 18.8 15.4 23.0

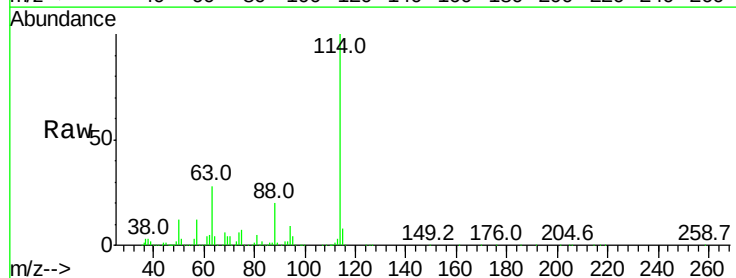


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

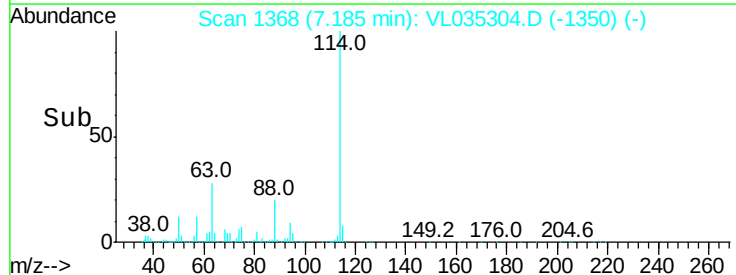
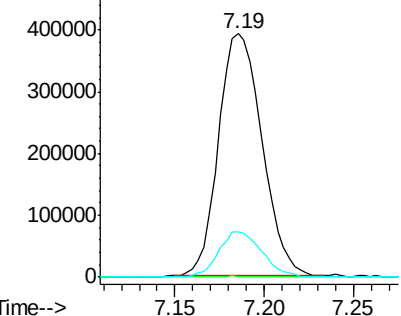


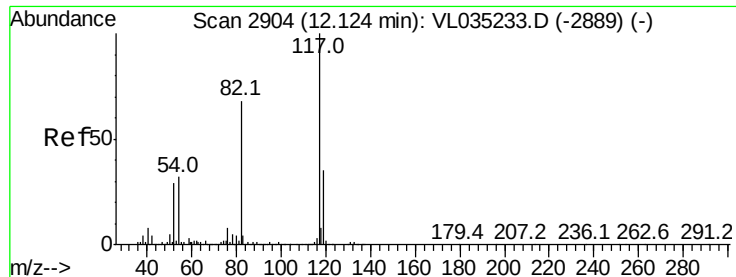
#39
 1,2-Dichloropropane
 Concen: 9.733 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035304.D
 Acq: 31 Jul 2020 15:16

Tgt Ion: 63 Resp: 667279
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.2 93.4#
 62 18.4 54.2 81.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

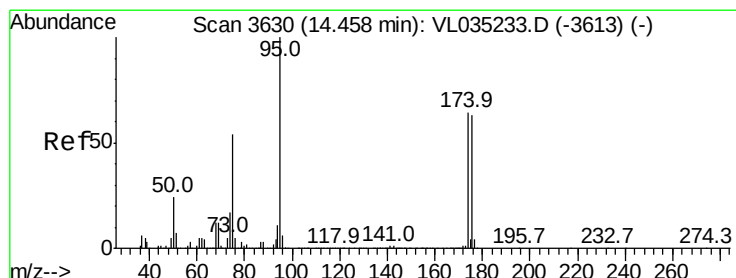
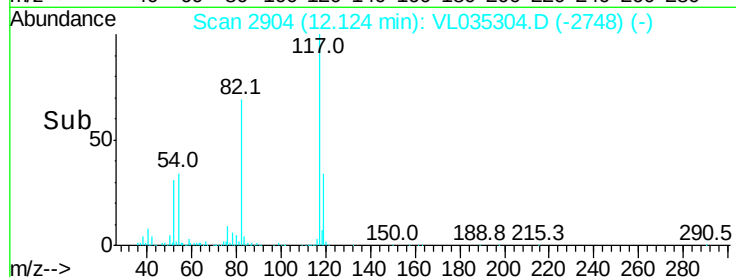
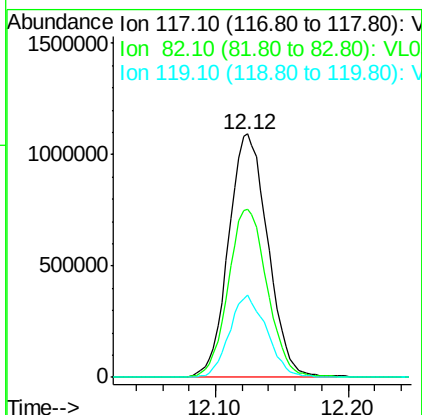
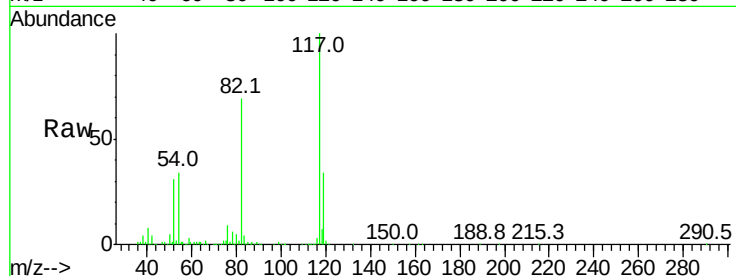




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
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Tgt Ion: 117 Resp: 2221451
Ion Ratio Lower Upper
117 100
82 69.8 52.4 78.6
119 32.9 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.461 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035304.D
Acq: 31 Jul 2020 15:16

Tgt Ion: 95 Resp: 1856992
Ion Ratio Lower Upper
95 100
174 65.2 52.7 79.1
175 4.5 3.9 5.9

