

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092920\
Quantitation Report (Not Reviewed)

Data File : VL035734.D
Acq On : 29 Sep 2020 21:28
Operator : SY/AP
Sample : CAN 10312
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092820 CAN 10312

Quant Time: Sep 30 02:42:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1116458	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4047439	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4014842	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3042443	10.11	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

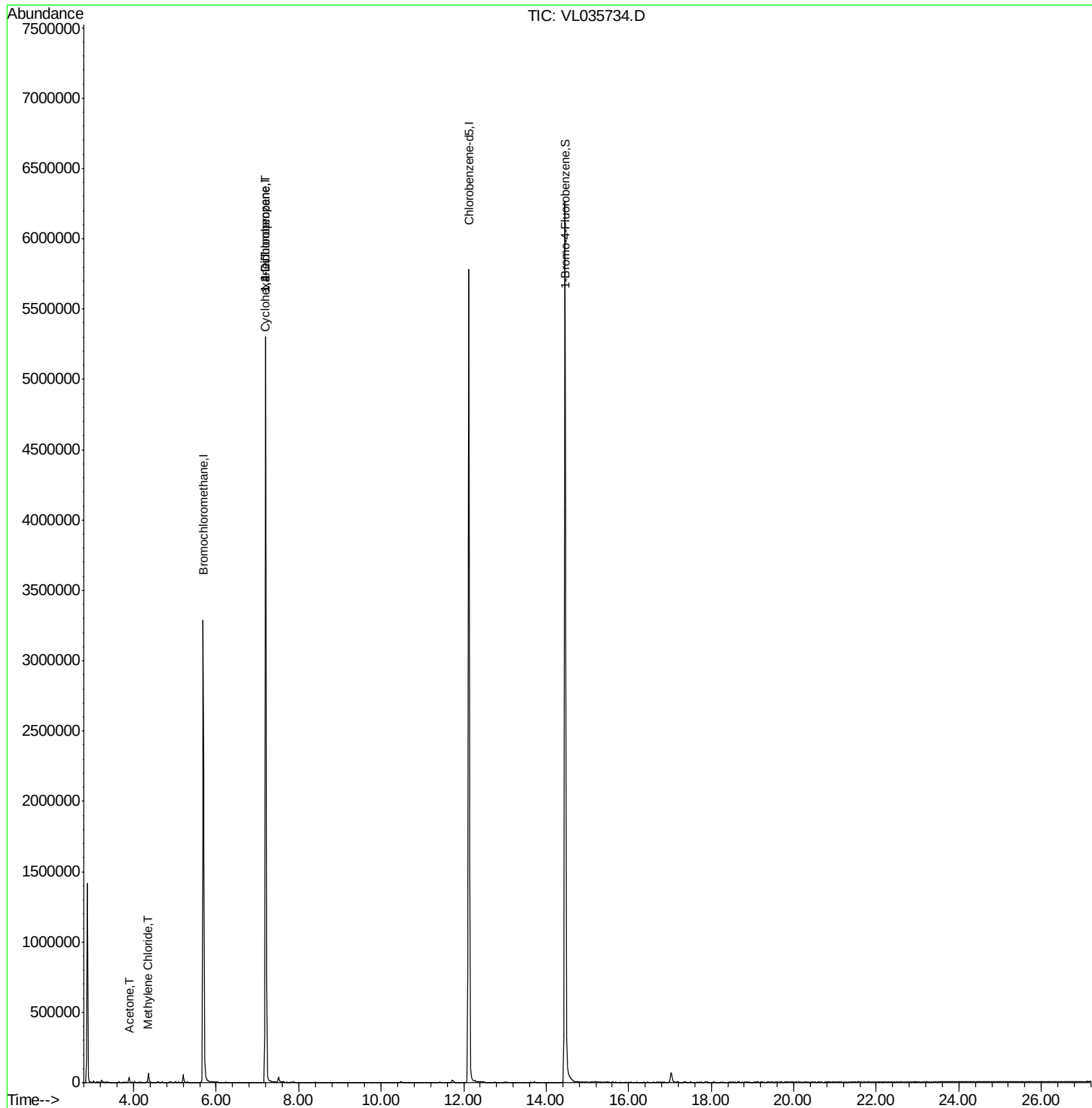
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.88	43	22708	0.189	ppbv #	4
20) Methylene Chloride	4.36	84	27949	0.317	ppbv	92
30) Cyclohexane	7.19	84	7456	0.064	ppbv #	9
39) 1,2-Dichloropropane	7.20	63	810928	8.483	ppbv #	31

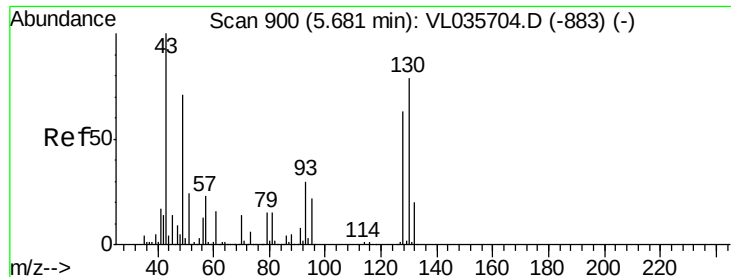
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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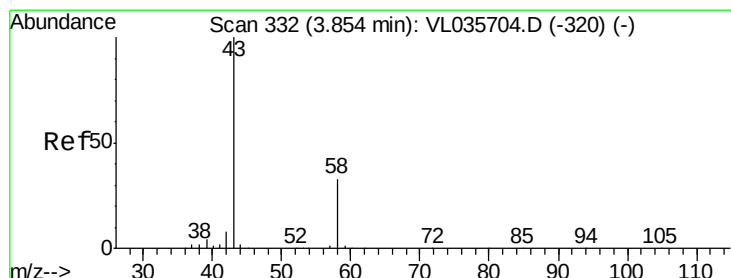
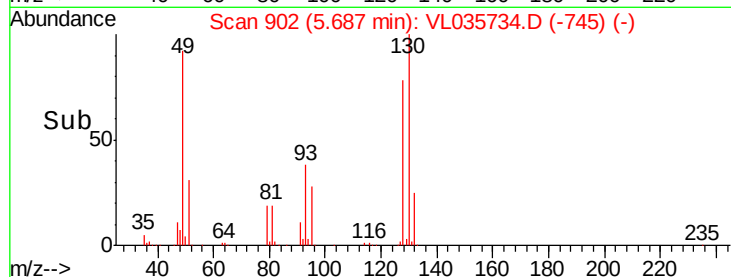
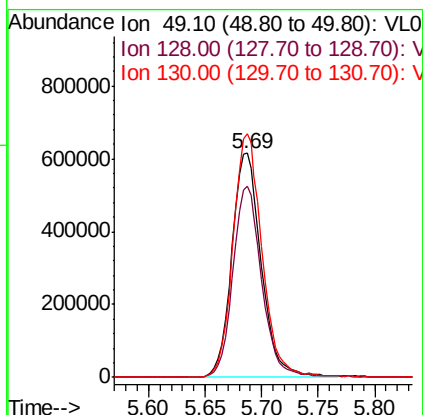
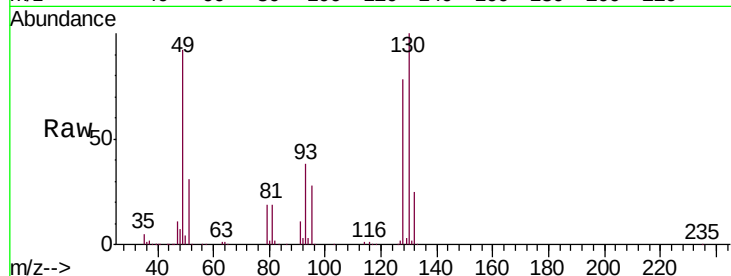




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL035734.D
Acq: 29 Sep 2020 21:28

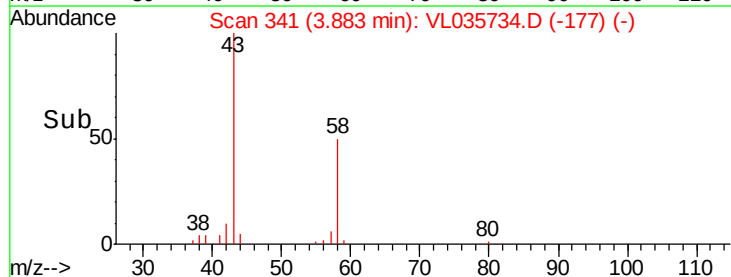
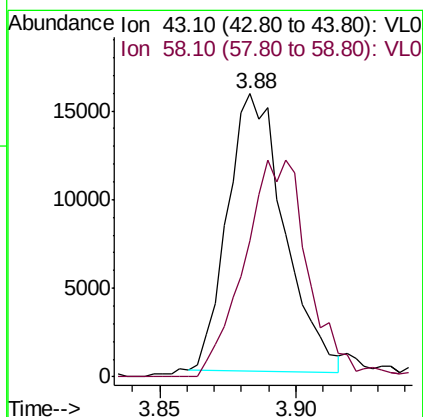
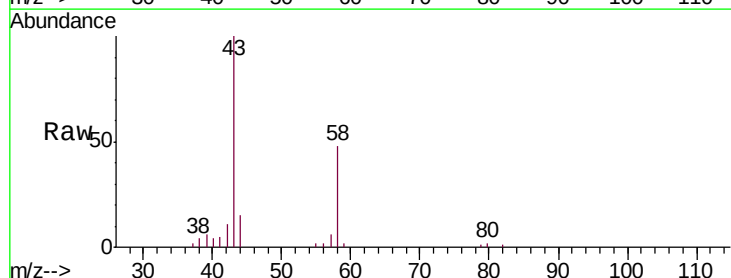
Instrument :
MSVOA_L
ClientSampleId :
QC092820 CAN 10312

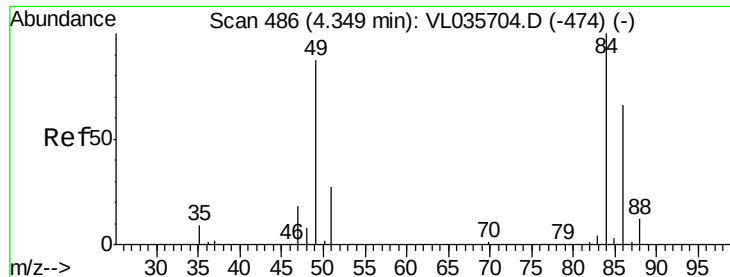
Tgt Ion: 49 Resp: 1116458
Ion Ratio Lower Upper
49 100
128 84.1 43.1 129.4
130 107.8 54.9 164.7



#15
Acetone
Concen: 0.189 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.03 min
Lab File: VL035734.D
Acq: 29 Sep 2020 21:28

Tgt Ion: 43 Resp: 22708
Ion Ratio Lower Upper
43 100
58 89.0 27.3 40.9#

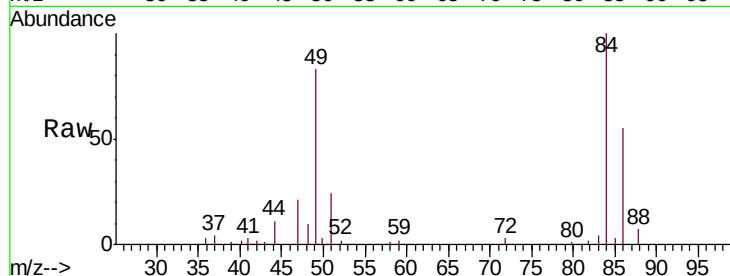




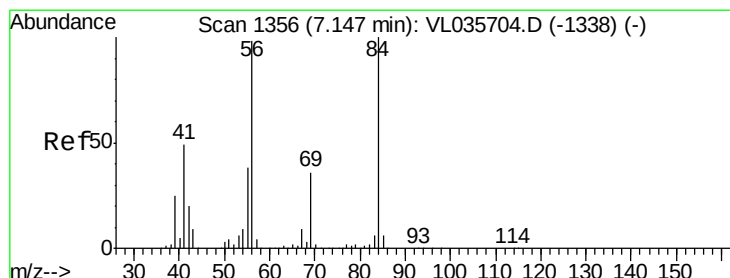
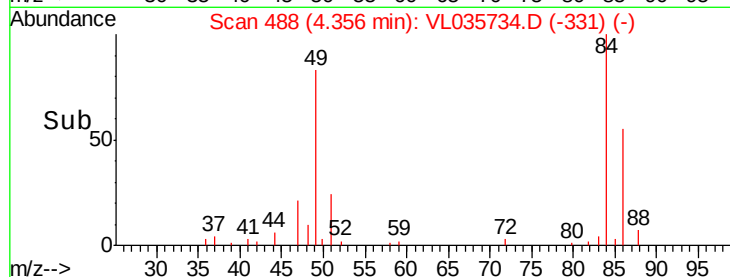
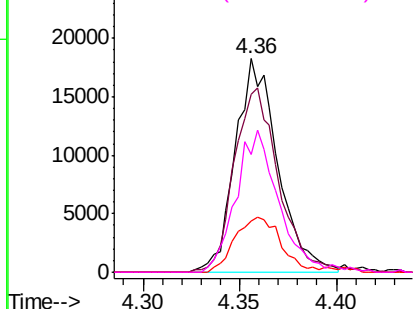
#20
Methylene Chloride
Concen: 0.317 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035734.D
Acq: 29 Sep 2020 21:28

Instrument :
MSVOA_L
ClientSampleId :
QC092820 CAN 10312

Tgt Ion:	84	Resp:	27949
Ion	Ratio	Lower	Upper
84	100		
49	83.5	69.8	104.6
51	23.7	21.8	32.8
86	55.0	52.6	78.8

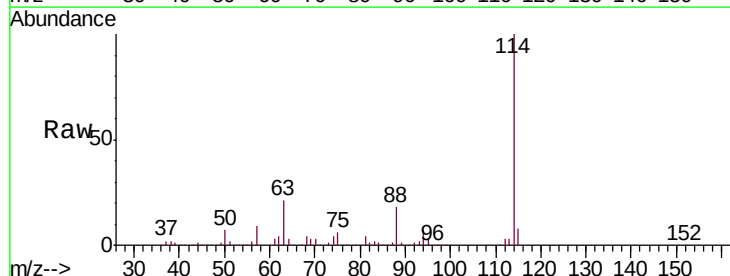


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

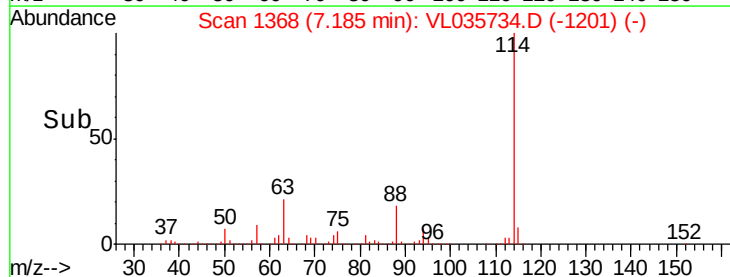
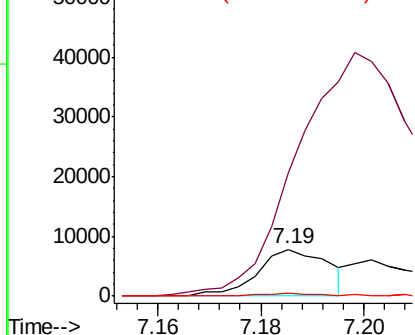


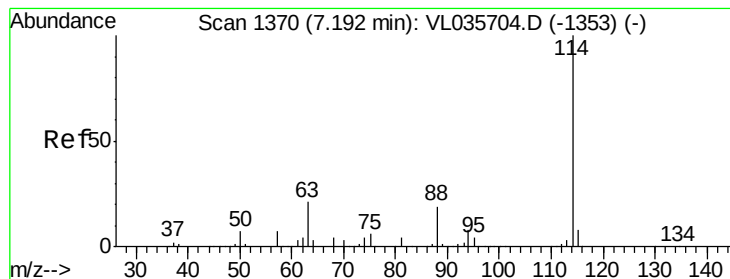
#30
Cyclohexane
Concen: 0.064 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.04 min
Lab File: VL035734.D
Acq: 29 Sep 2020 21:28

Tgt Ion:	84	Resp:	7456
Ion	Ratio	Lower	Upper
84	100		
56	0.0	84.6	127.0#
41	4.9	41.1	61.7#



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: 7.20 min Scan# 1372

Delta R.T. 0.01 min

Lab File: VL035734.D

Acq: 29 Sep 2020 21:28

Instrument :

MSVOA_L

ClientSampleId :

QC092820 CAN 10312

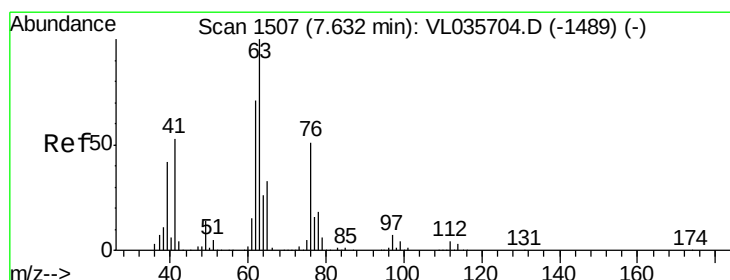
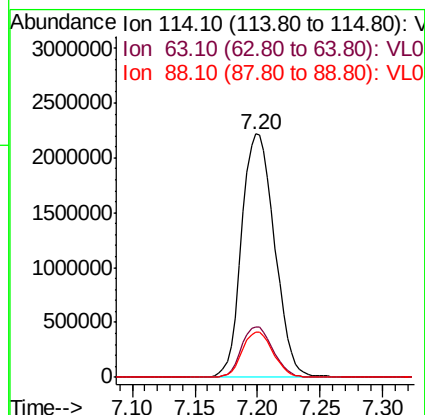
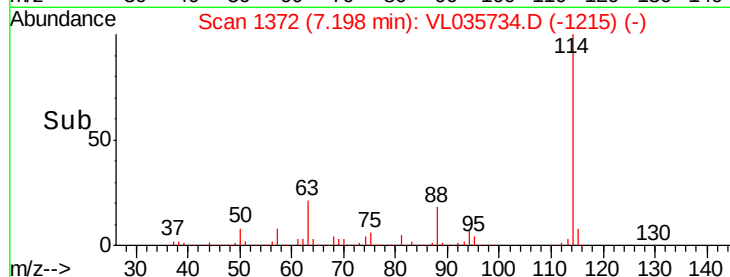
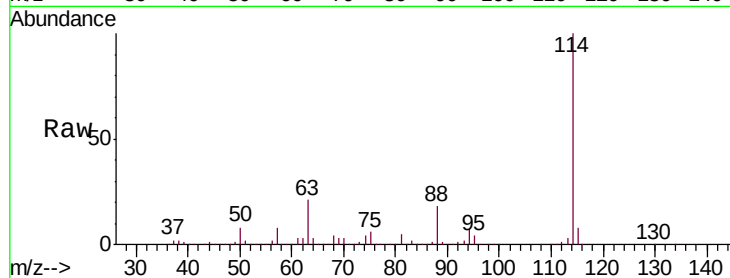
Tgt Ion:114 Resp: 4047439

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

88 17.7 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.483 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.43 min

Lab File: VL035734.D

Acq: 29 Sep 2020 21:28

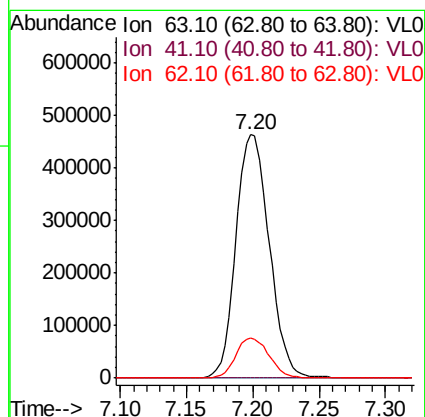
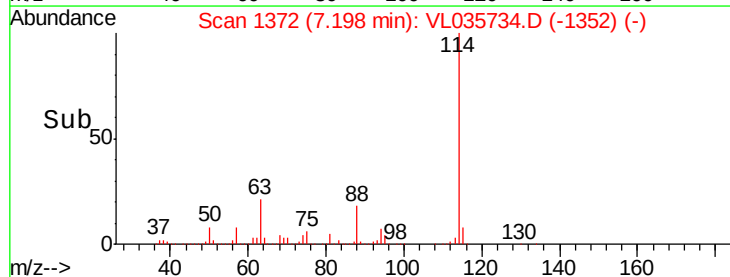
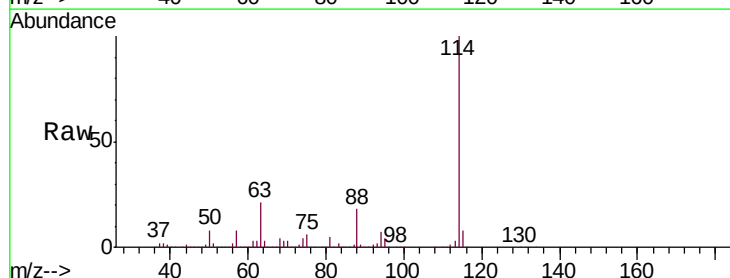
Tgt Ion: 63 Resp: 810928

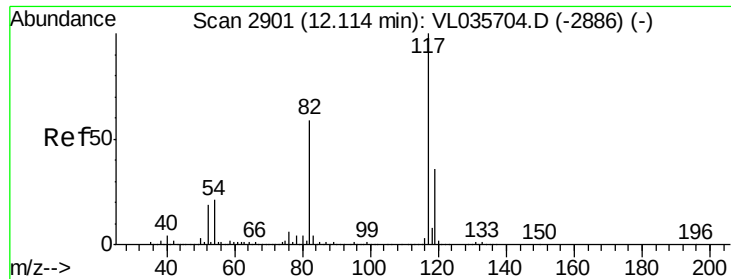
Ion Ratio Lower Upper

63 100

41 0.0 42.6 63.8#

62 16.7 56.5 84.7#

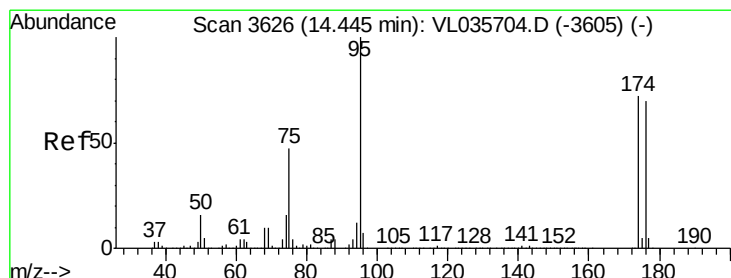
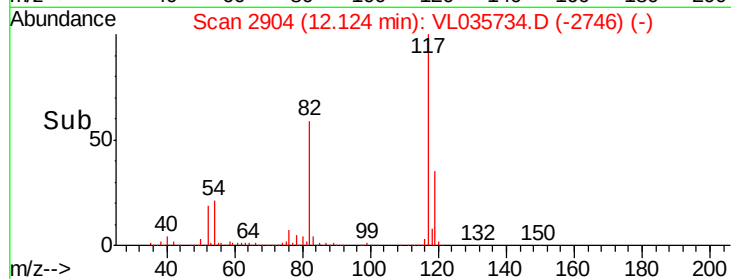
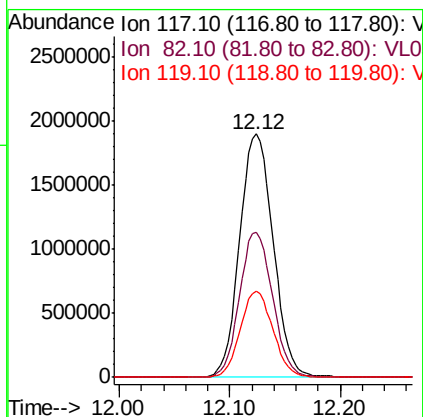
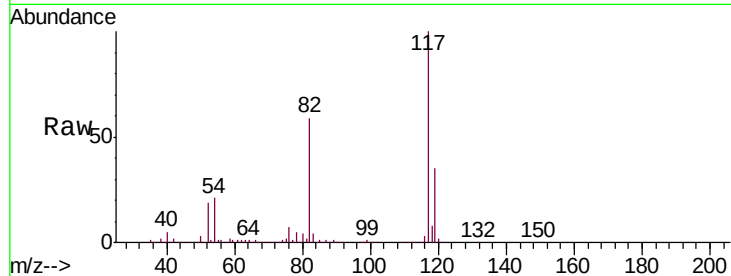




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
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QC092820 CAN 10312

Tgt Ion: 117 Resp: 4014842
Ion Ratio Lower Upper
117 100
82 59.1 46.1 69.1
119 34.4 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.113 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.01 min
Lab File: VL035734.D
Acq: 29 Sep 2020 21:28

Tgt Ion: 95 Resp: 3042443
Ion Ratio Lower Upper
95 100
174 78.0 59.6 89.4
175 5.6 4.2 6.4

