

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035557.D
 Acq On : 8 Sep 2020 15:17
 Operator : SY/AP
 Sample : OC090220 CAN 10401
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090220 CAN 10401

Quant Time: Sep 09 02:35:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1100939	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4552962	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4591272	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3306719	10.14	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

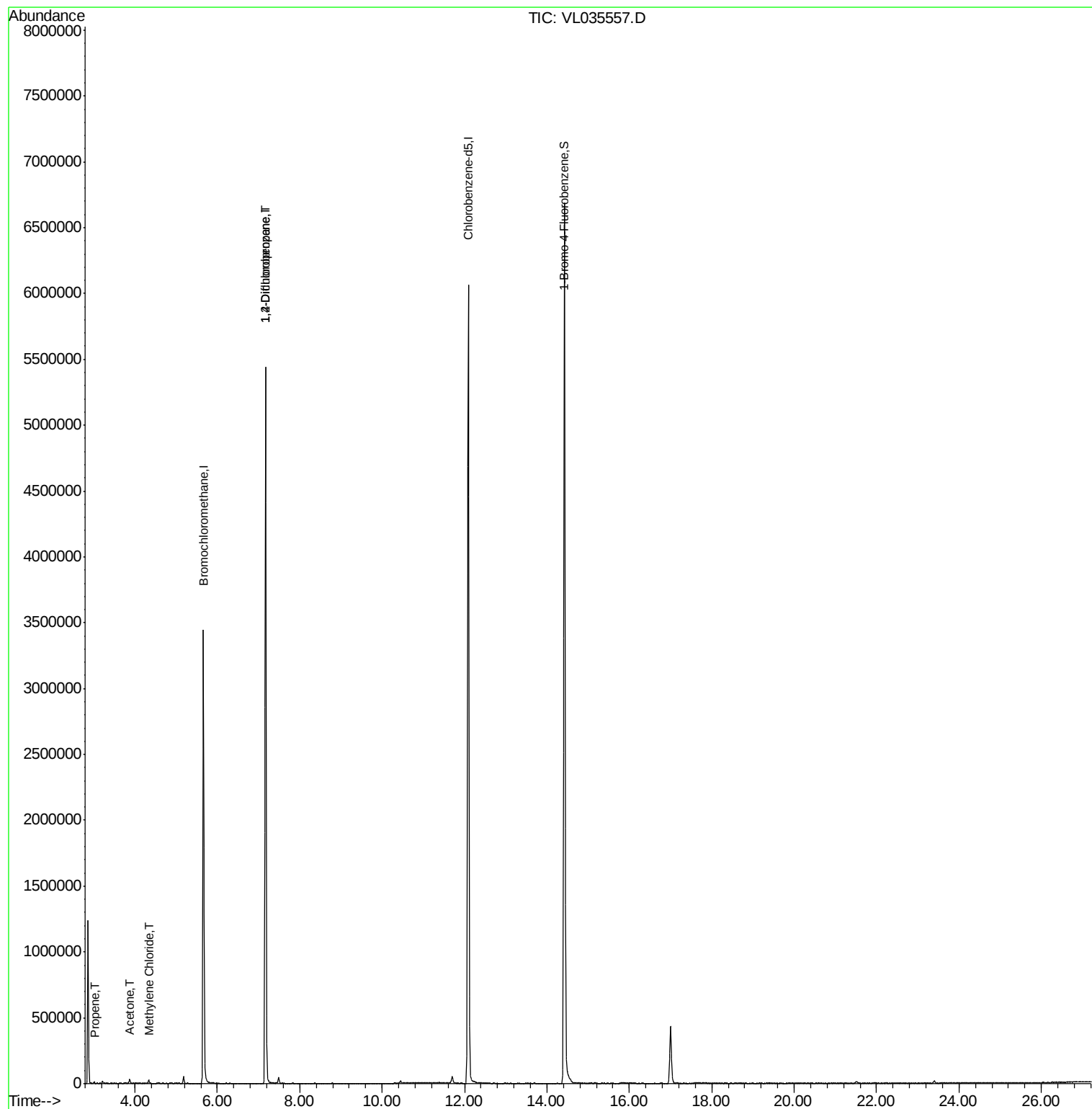
Target Compounds					Ovalue
9) Propene	3.01	41	2133	0.045 ppbv	85
15) Acetone	3.87	43	18274	0.150 ppbv #	7
20) Methylene Chloride	4.34	84	7851	0.087 ppbv	88
39) 1,2-Dichloropropane	7.17	63	845672	8.494 ppbv #	32

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

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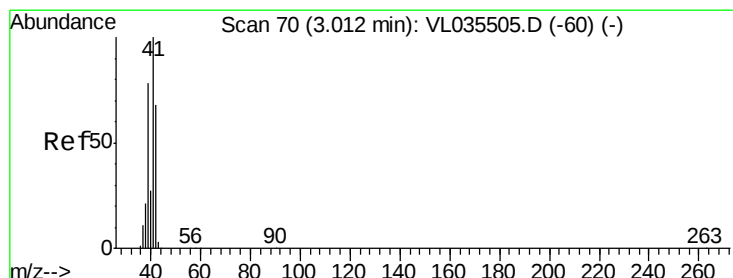
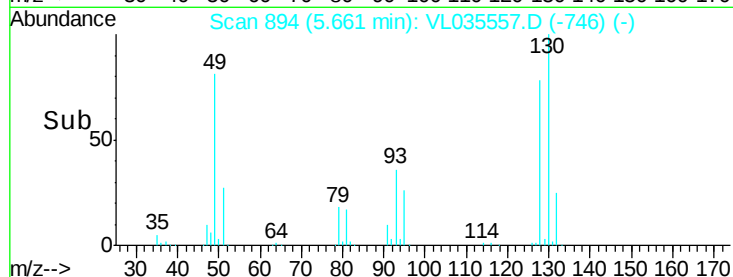
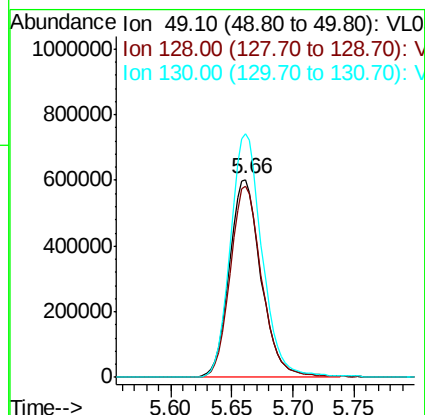
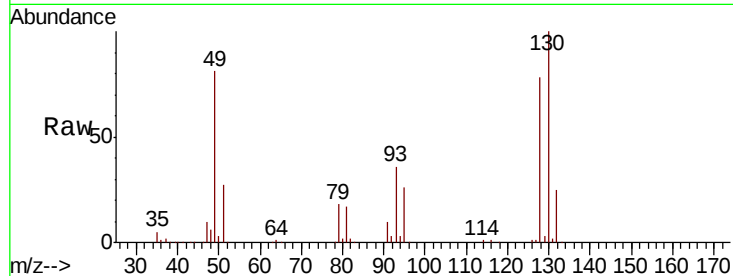




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: VL035557.D
 Acq: 8 Sep 2020 15:17

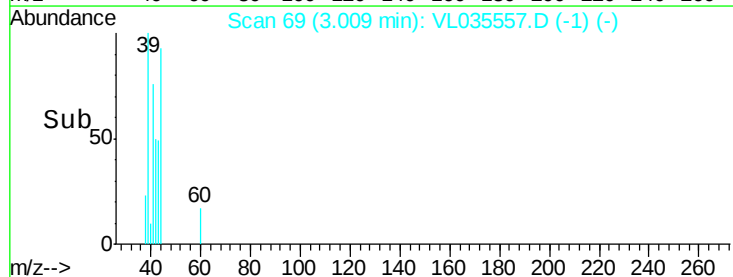
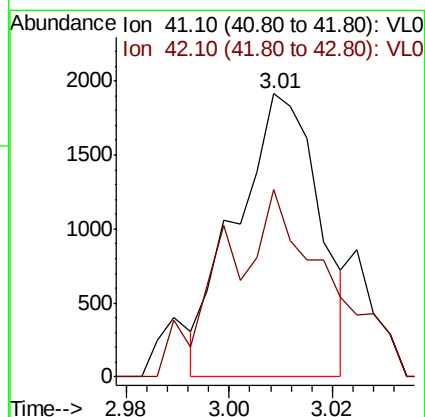
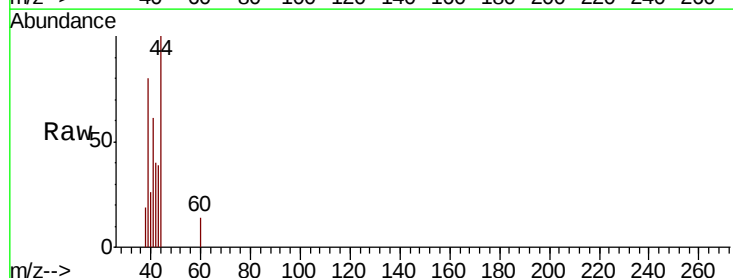
Instrument :
 MSVOA_L
 ClientSampleId :
 QC090220 CAN 10401

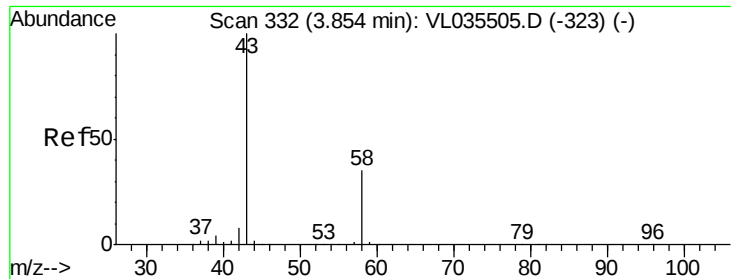
Tot Ion: 49 Resp: 1100939
 Ion Ratio Lower Upper
 49 100
 128 96.5 50.0 150.1
 130 123.9 64.4 193.2



#9
 Propene
 Concen: 0.045 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: VL035557.D
 Acq: 8 Sep 2020 15:17

Tgt Ion: 41 Resp: 2133
 Ion Ratio Lower Upper
 41 100
 42 82.7 56.3 84.5





#15

Acetone

Concen: 0.150 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035557.D

Acq: 8 Sep 2020 15:17

Instrument :

MSVOA_L

ClientSampleId :

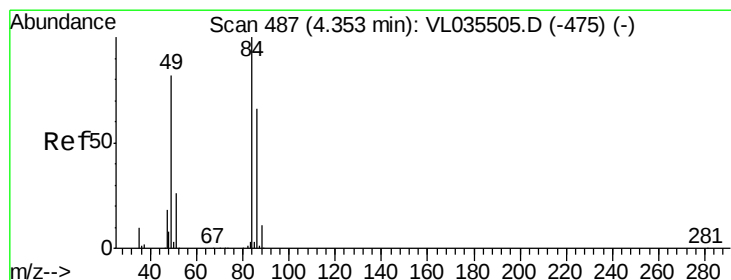
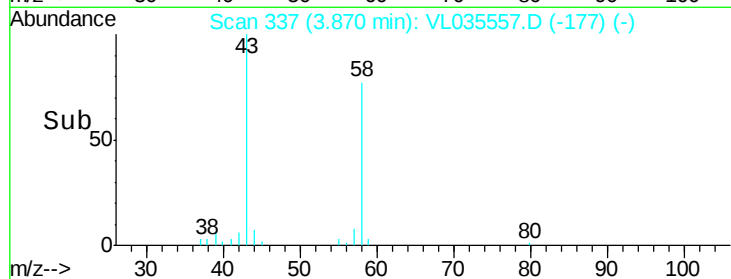
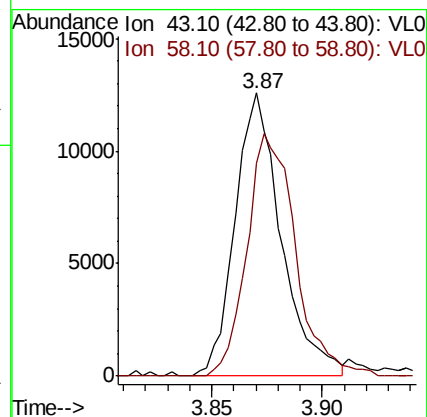
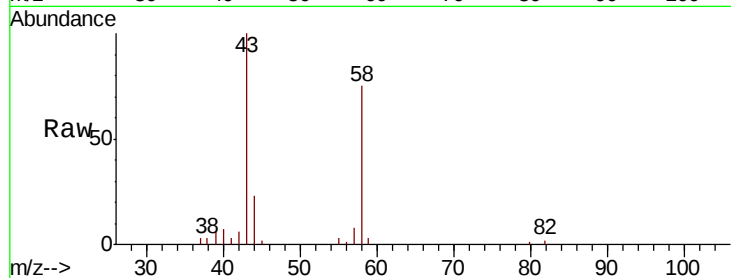
QC090220 CAN 10401

Tot Ion: 43 Resp: 18274

Ion Ratio Lower Upper

43 100

58 89.9 28.4 42.6#



#20

Methylene Chloride

Concen: 0.087 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL035557.D

Acq: 8 Sep 2020 15:17

Tgt Ion: 84 Resp: 7851

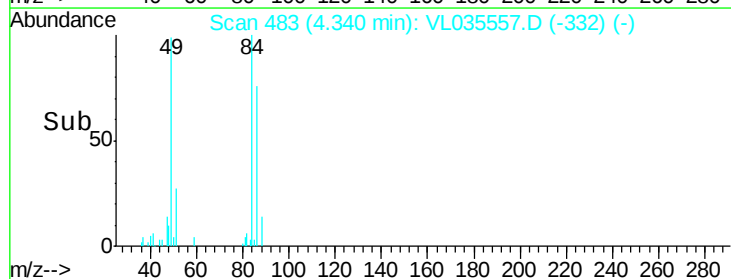
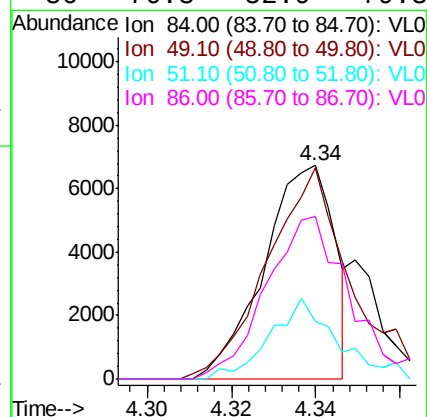
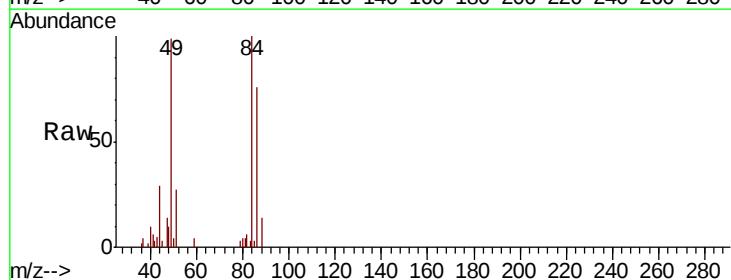
Ion Ratio Lower Upper

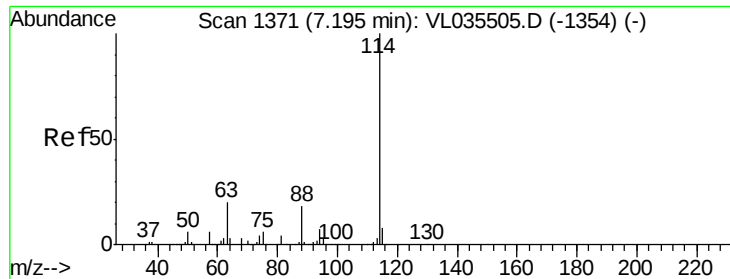
84 100

49 96.1 65.4 98.0

51 27.2 21.5 32.3

86 76.3 52.9 79.3

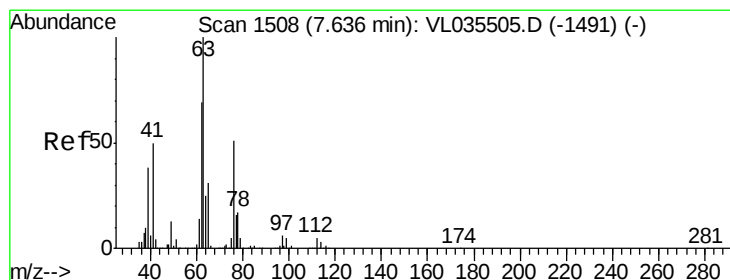
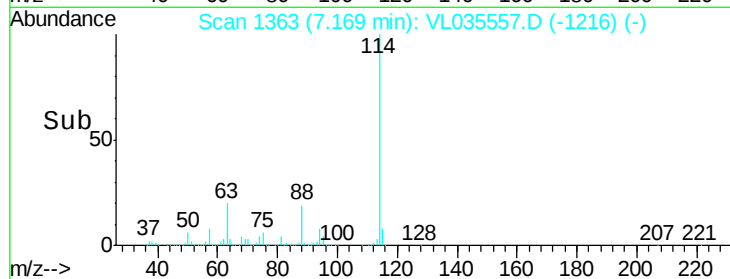
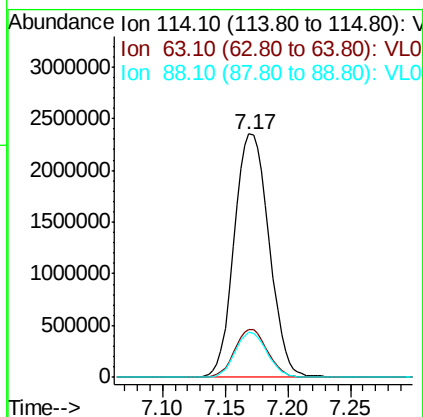
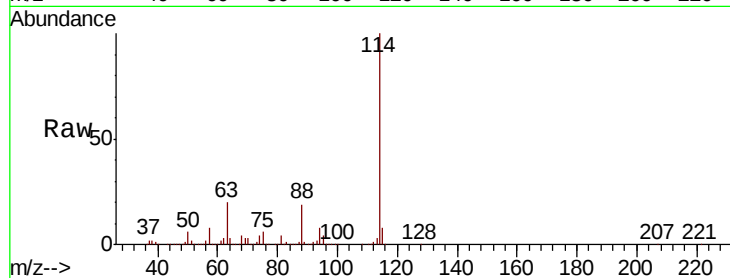




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035557.D
 Acq: 8 Sep 2020 15:17

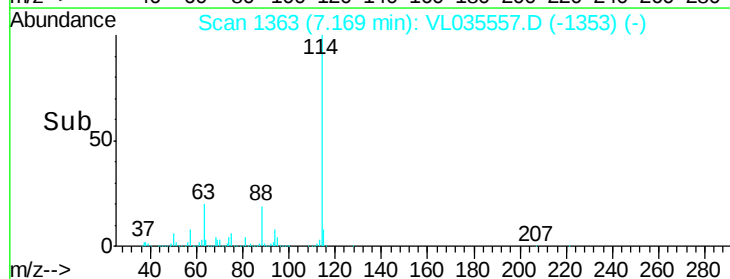
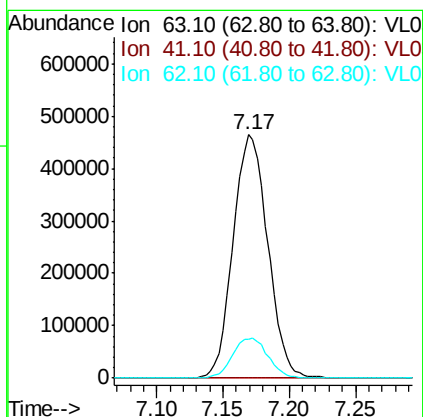
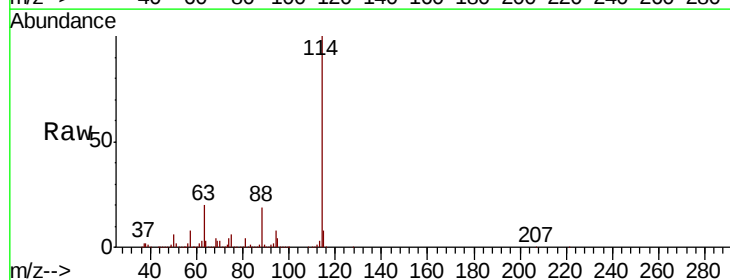
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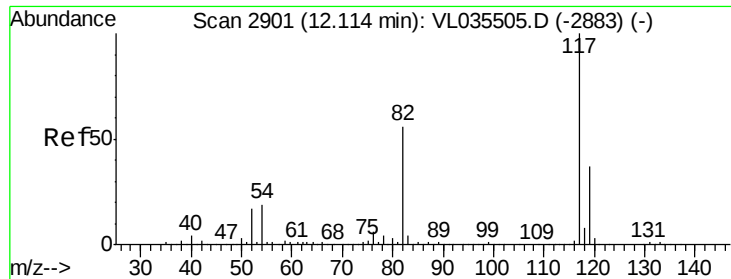
Tot Ion:114 Resp: 4552962
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.7 22.1
 88 17.1 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.494 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL035557.D
 Acq: 8 Sep 2020 15:17

Tgt Ion: 63 Resp: 845672
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 15.8 55.4 83.0#

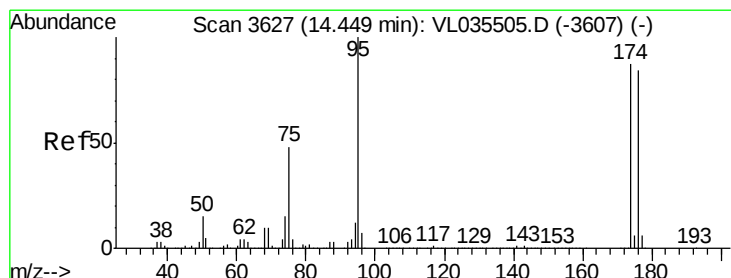
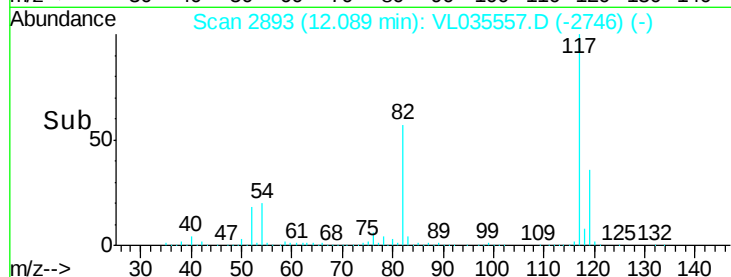
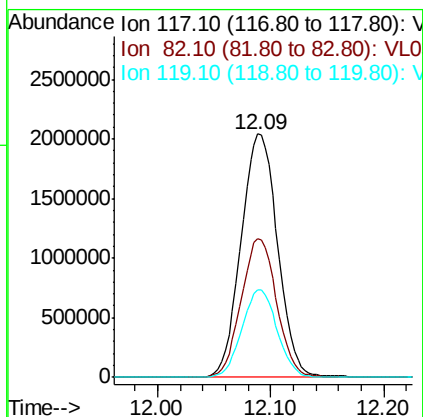
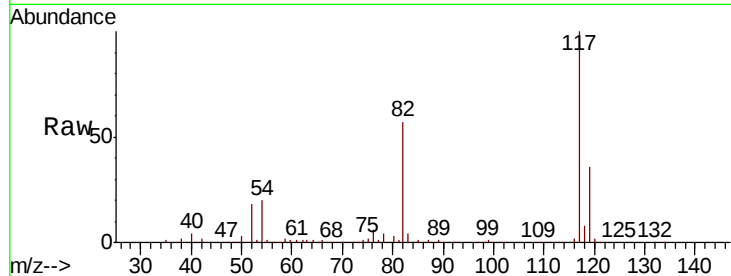




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tot Ion:117 Resp: 4591272
Ion Ratio Lower Upper
117 100
82 55.7 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Tgt Ion: 95 Resp: 3306719
Ion Ratio Lower Upper
95 100
174 86.9 69.6 104.4
175 6.3 5.1 7.7

