

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035471.D
 Acq On : 20 Aug 2020 10:33
 Operator : SY/AP
 Sample : VL0820ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0820ABL01

Quant Time: Aug 21 05:56:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1109371	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4894235	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	4851256	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3446157	10.15	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

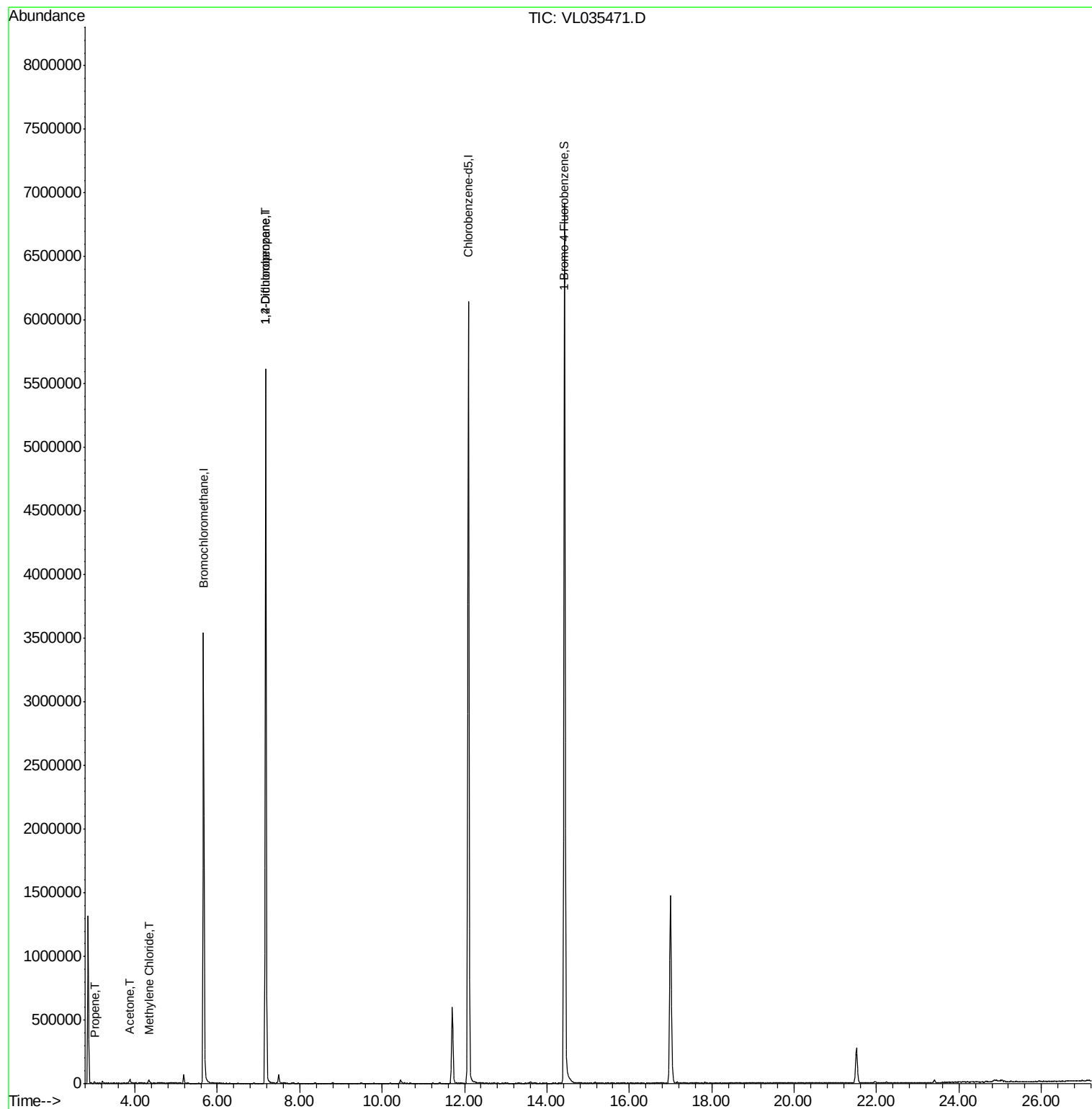
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3199	0.057	ppbv	93
15) Acetone	3.87	43	23925	0.187	ppbv #	1
20) Methylene Chloride	4.34	84	5491	0.053	ppbv #	58
39) 1,2-Dichloropropane	7.18	63	861016	7.273	ppbv #	23

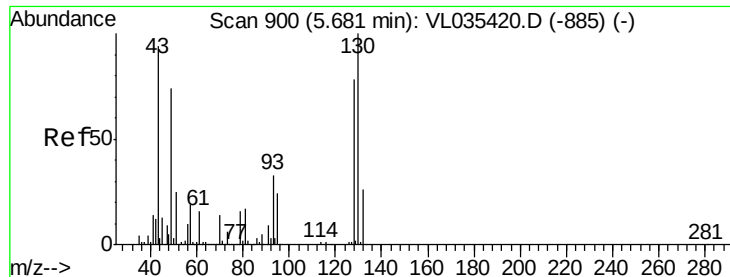
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035471.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0820ABL01

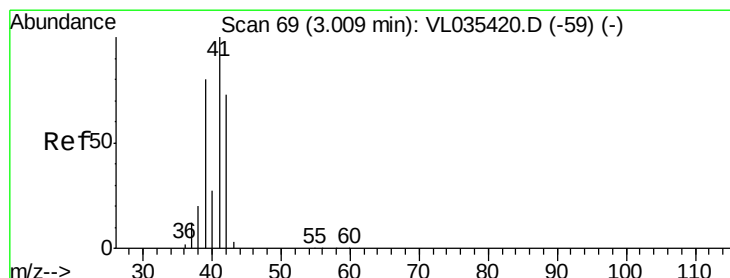
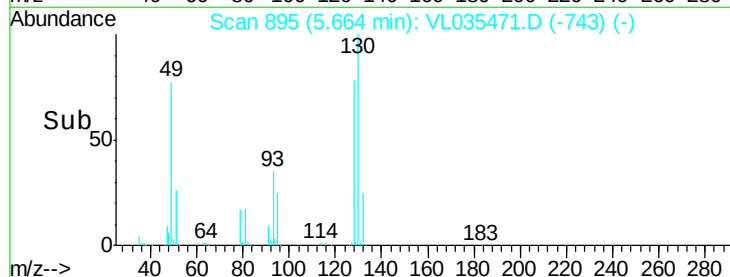
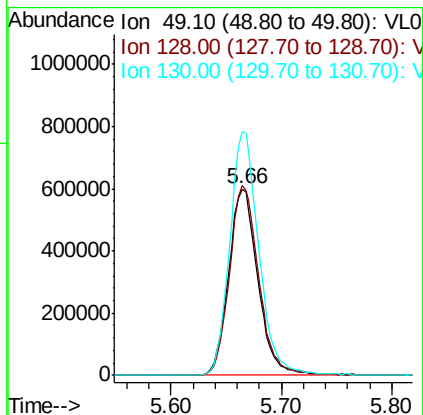
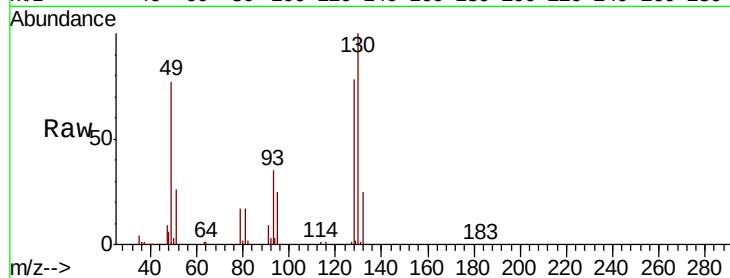
Tot Ion: 49 Resp: 1109371

Ion Ratio Lower Upper

49 100

128 102.1 20.9 62.7#

130 130.5 26.7 80.1#



#9

Propene

Concen: 0.057 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL035471.D

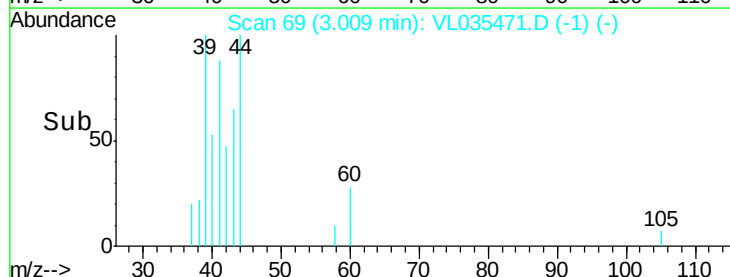
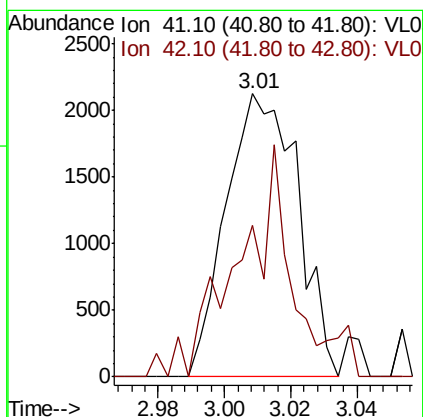
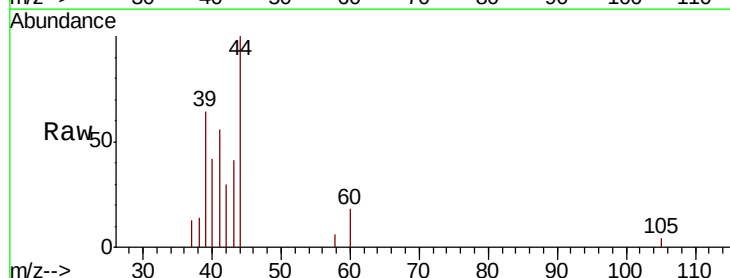
Acq: 20 Aug 2020 10:33

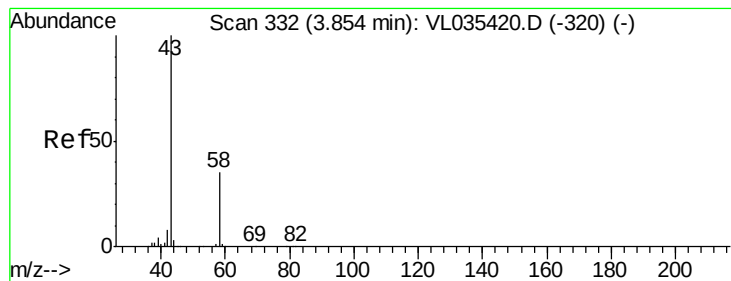
Tgt Ion: 41 Resp: 3199

Ion Ratio Lower Upper

41 100

42 63.9 55.5 83.3





#15

Acetone

Concen: 0.187 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL035471.D

Acq: 20 Aug 2020 10:33

Instrument :

MSVOA_L

ClientSampleId :

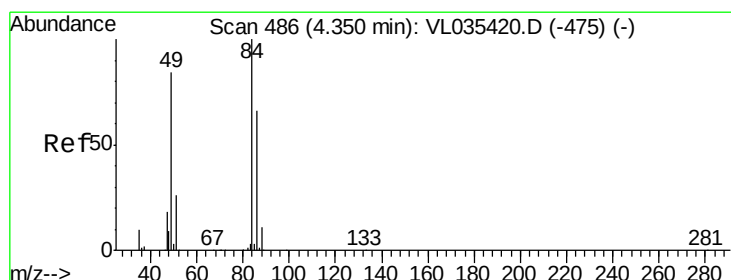
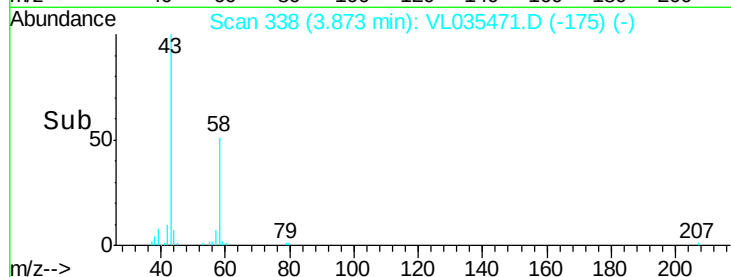
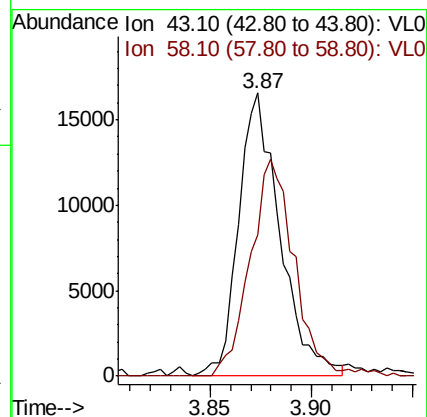
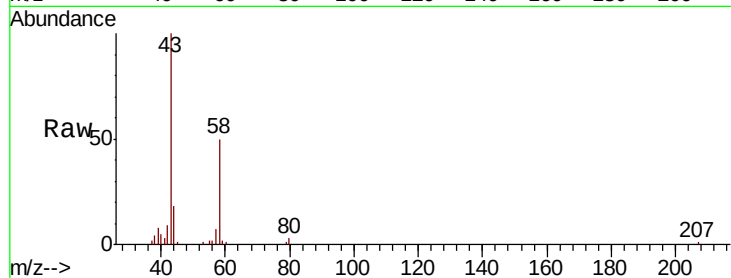
VL0820ABL01

Tot Ion: 43 Resp: 23925

Ion Ratio Lower Upper

43 100

58 81.3 21.0 31.6#



#20

Methylene Chloride

Concen: 0.053 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035471.D

Acq: 20 Aug 2020 10:33

Tgt Ion: 84 Resp: 5491

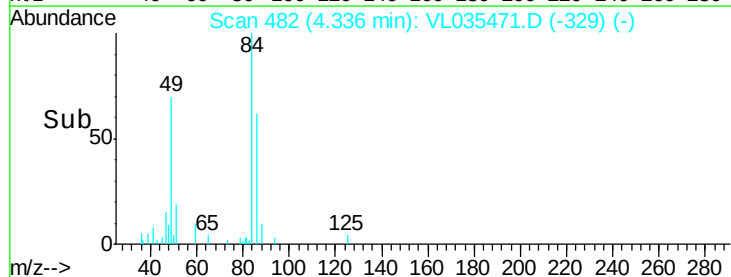
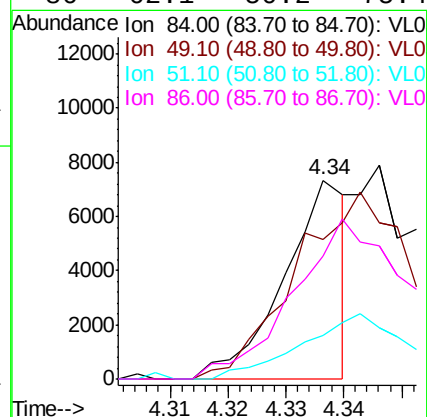
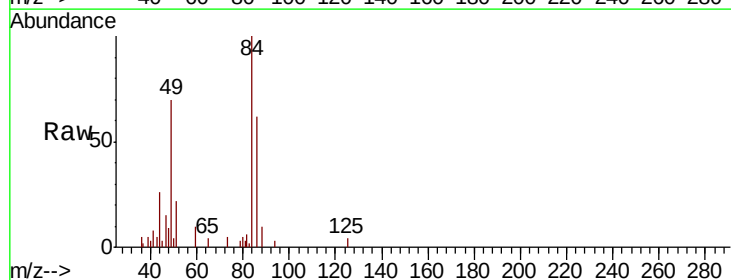
Ion Ratio Lower Upper

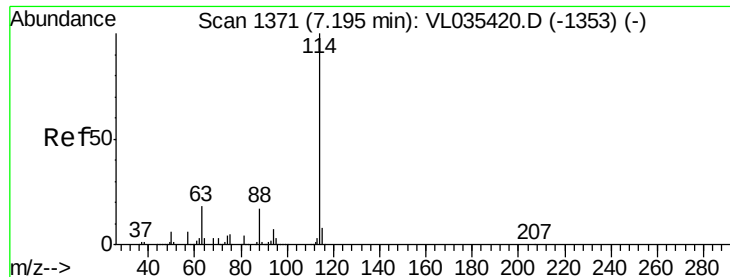
84 100

49 70.4 118.6 177.8#

51 21.9 36.4 54.6#

86 62.1 50.2 75.4

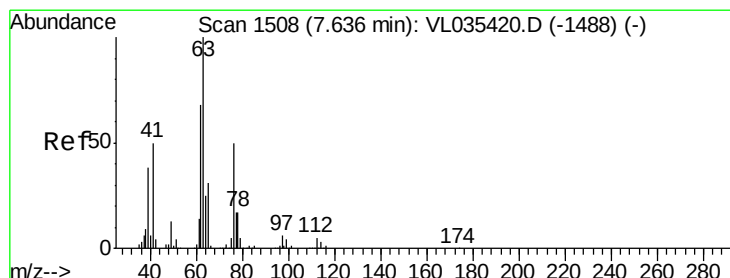
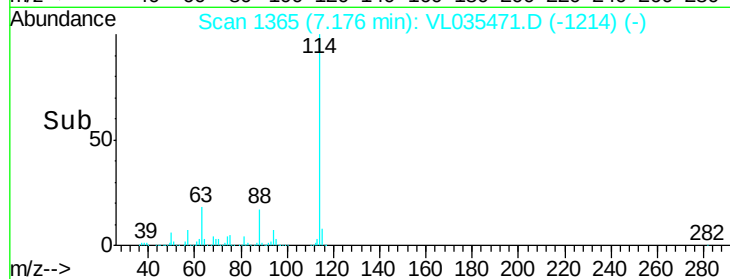
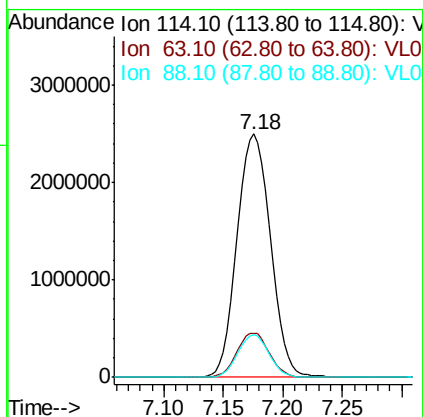
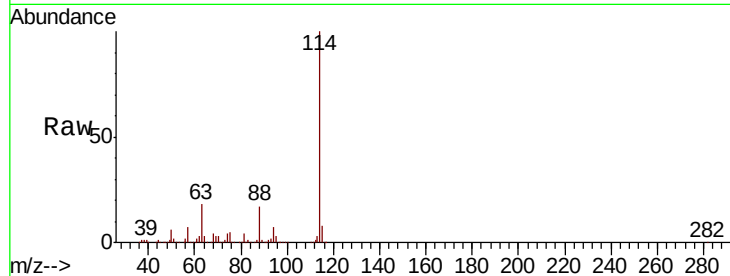




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL035471.D
 Acq: 20 Aug 2020 10:33

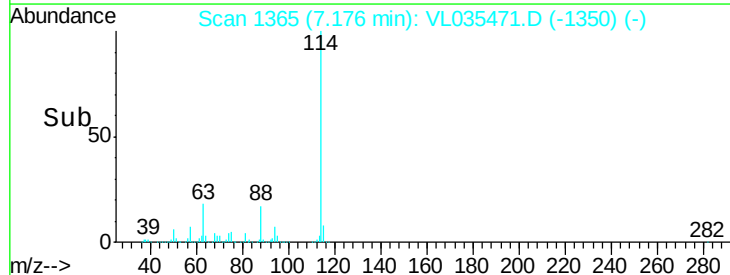
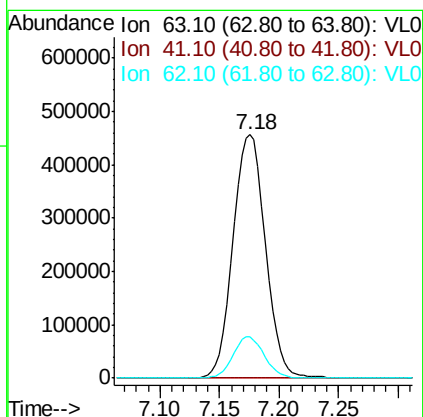
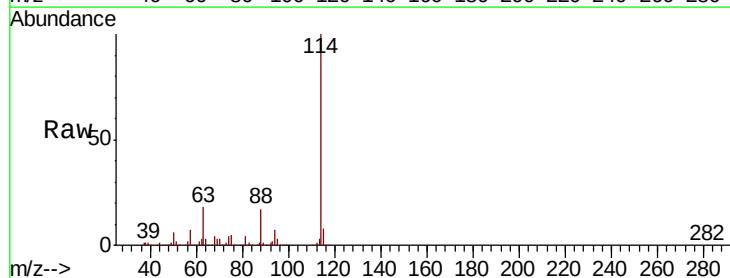
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0820ABL01

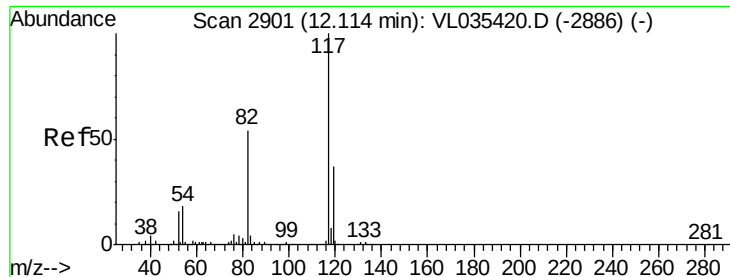
Tot Ion:114 Resp: 4894235
 Ion Ratio Lower Upper
 114 100
 63 17.6 23.1 34.7#
 88 16.5 15.9 23.9



#39
 1,2-Dichloropropane
 Concen: 7.273 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL035471.D
 Acq: 20 Aug 2020 10:33

Tgt Ion: 63 Resp: 861016
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.1 91.7#
 62 17.1 55.3 82.9#

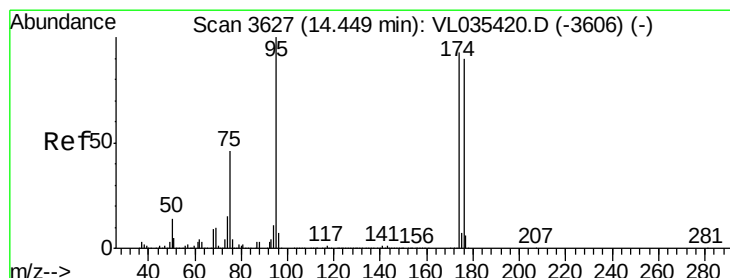
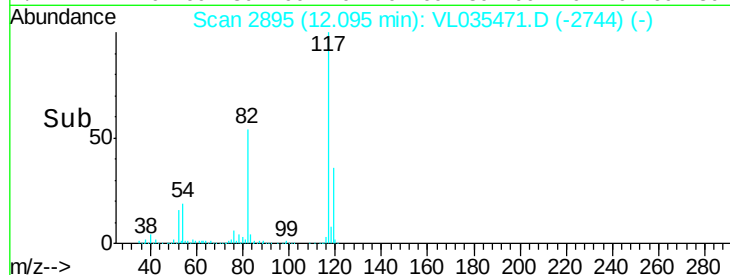
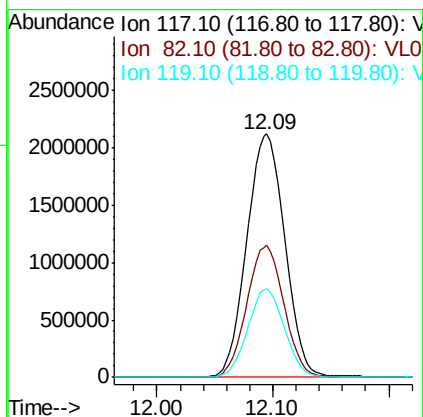
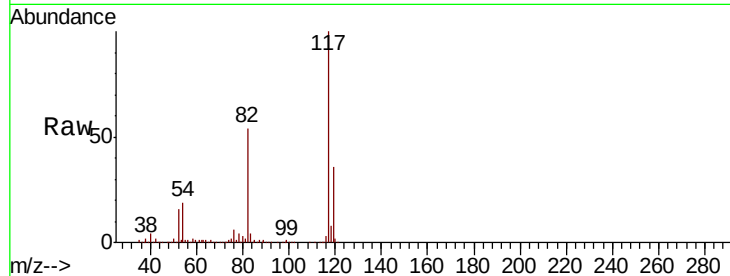




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL035471.D
Acq: 20 Aug 2020 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0820ABL01

Tot Ion:117 Resp: 4851256
Ion Ratio Lower Upper
117 100
82 53.2 57.4 86.0#
119 35.2 28.4 42.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.147 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL035471.D
Acq: 20 Aug 2020 10:33

Tgt Ion: 95 Resp: 3446157
Ion Ratio Lower Upper
95 100
174 92.3 44.0 66.0#
175 6.8 3.2 4.8#

