

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035457.D
 Acq On : 19 Aug 2020 00:59
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 02:47:00 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	5.68	49	1077717	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4976433	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4954032	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3567385	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

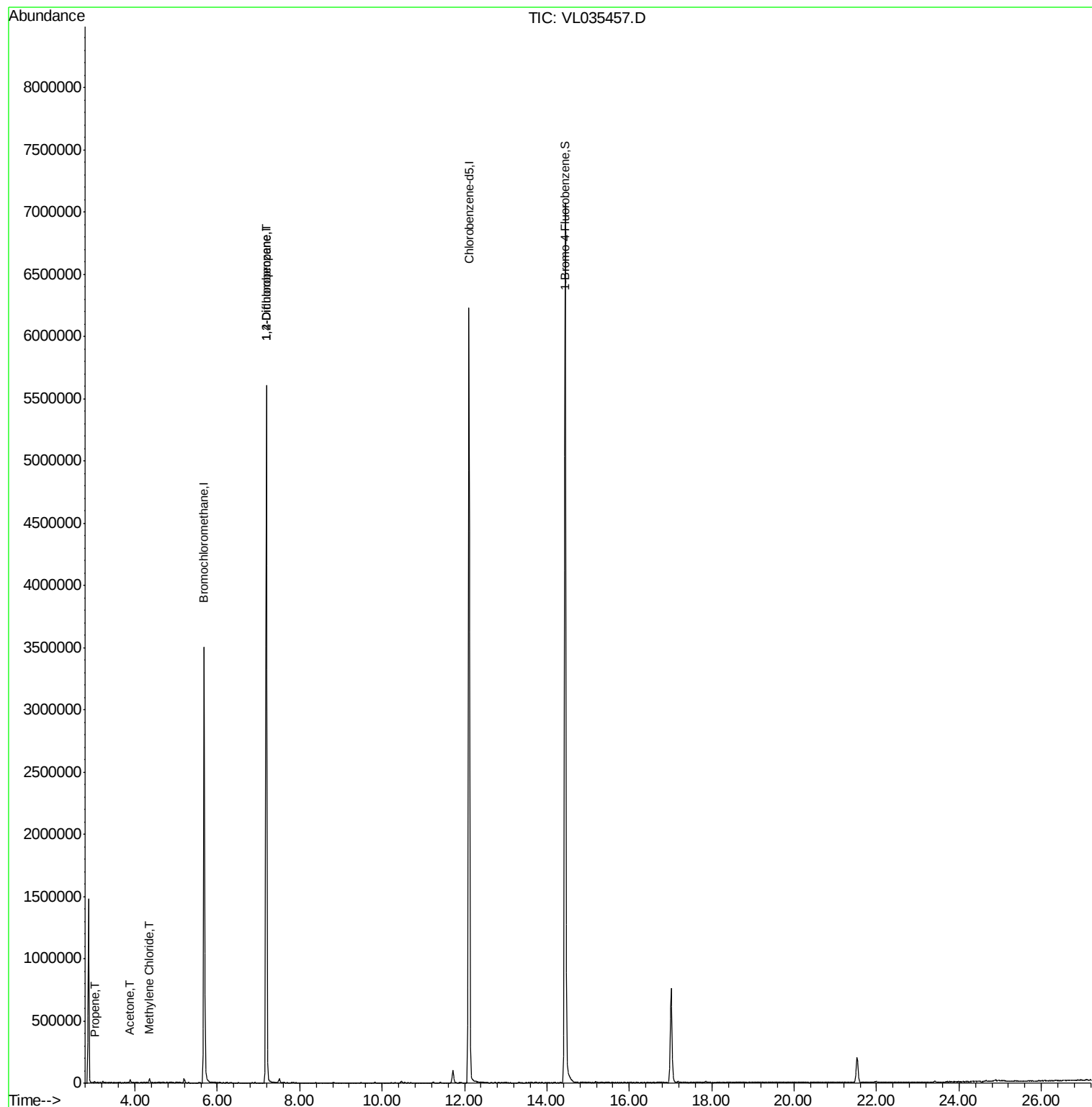
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3687	0.068	ppbv	87
15) Acetone	3.88	43	16298	0.131	ppbv #	1
20) Methylene Chloride	4.35	84	8146	0.081	ppbv #	69
39) 1,2-Dichloropropane	7.19	63	850235	7.063	ppbv #	23

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081820\
Data File : VL035457.D
Acq On : 19 Aug 2020 00:59
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:47:00 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL035457.D

Acq: 19 Aug 2020 00:59

Instrument :

MSVOA_L

ClientSampleId :

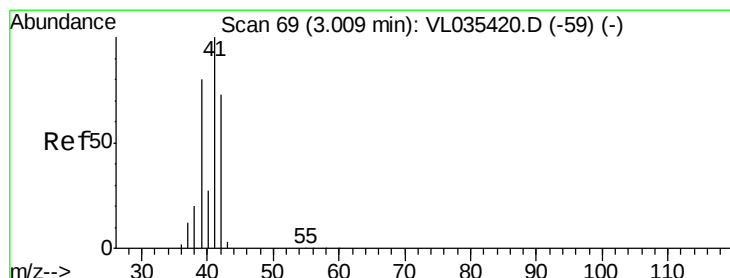
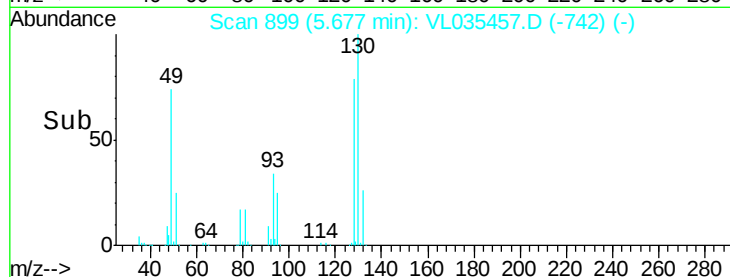
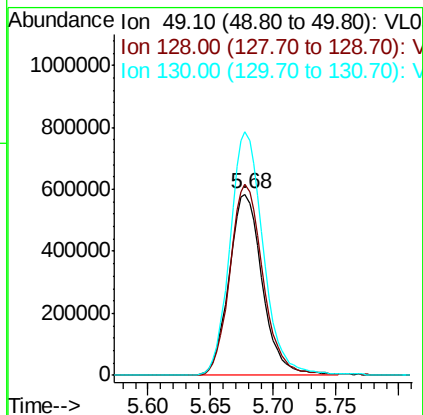
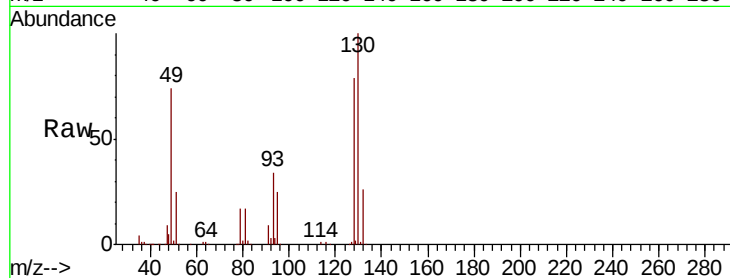
Tot Ion: 49 Resp: 1077717

Ion Ratio Lower Upper

49 100

128 106.7 20.9 62.7#

130 136.1 26.7 80.1#



#9

Propene

Concen: 0.068 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL035457.D

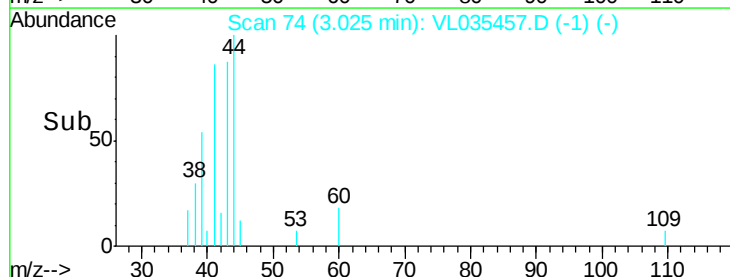
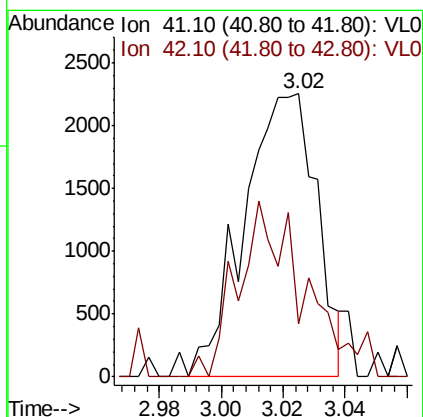
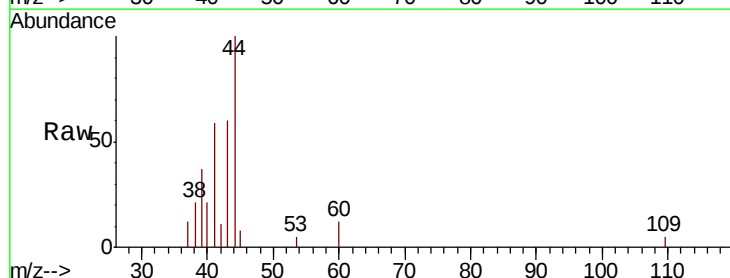
Acq: 19 Aug 2020 00:59

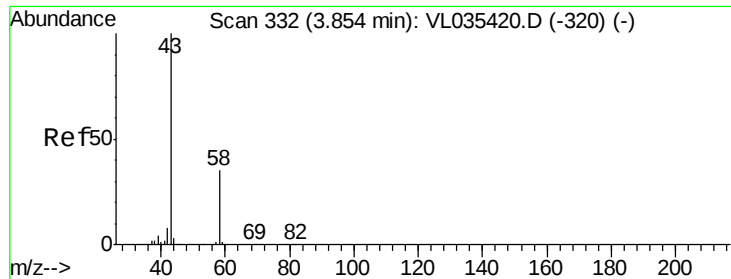
Tgt Ion: 41 Resp: 3687

Ion Ratio Lower Upper

41 100

42 59.1 55.5 83.3





#15

Acetone

Concen: 0.131 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL035457.D

Acq: 19 Aug 2020 00:59

Instrument :

MSVOA_L

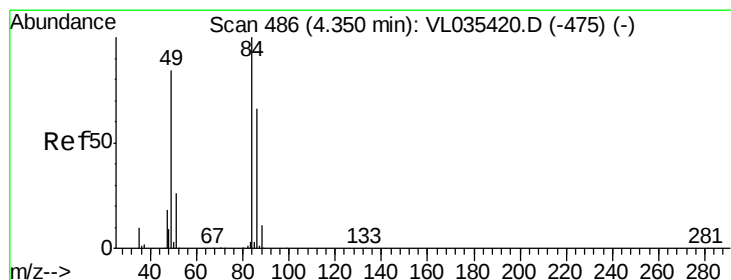
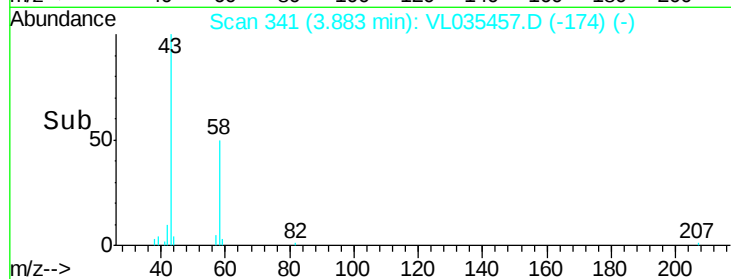
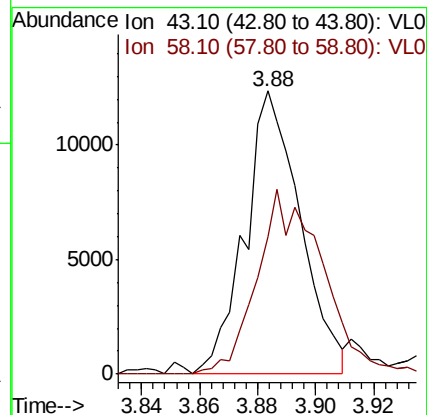
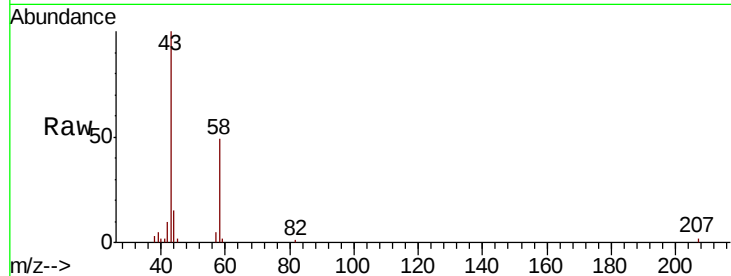
ClientSampleId :

Tot Ion: 43 Resp: 16298

Ion Ratio Lower Upper

43 100

58 77.8 21.0 31.6#



#20

Methylene Chloride

Concen: 0.081 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL035457.D

Acq: 19 Aug 2020 00:59

Tgt Ion: 84 Resp: 8146

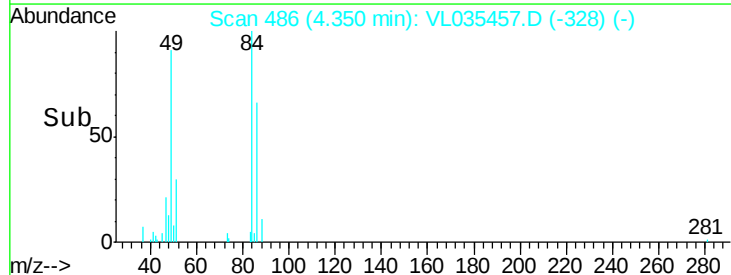
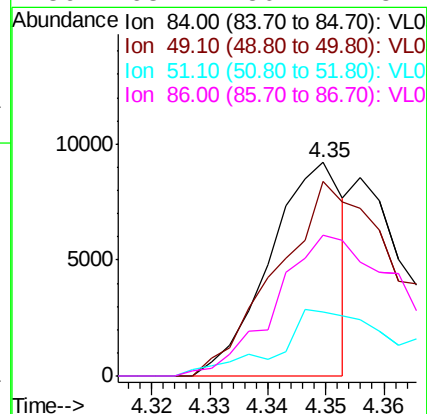
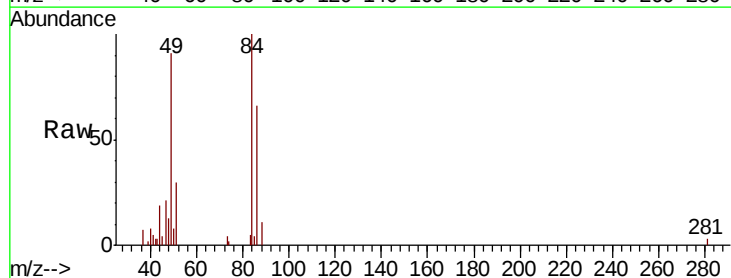
Ion Ratio Lower Upper

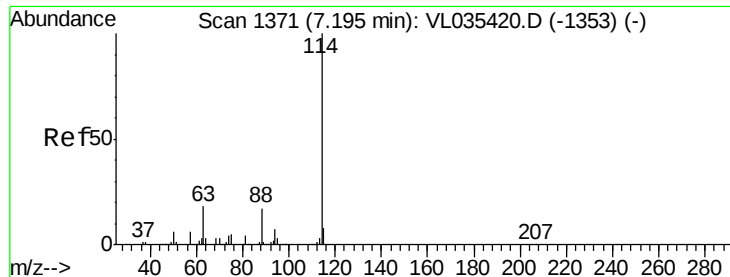
84 100

49 91.1 118.6 177.8#

51 27.3 36.4 54.6#

86 63.1 50.2 75.4

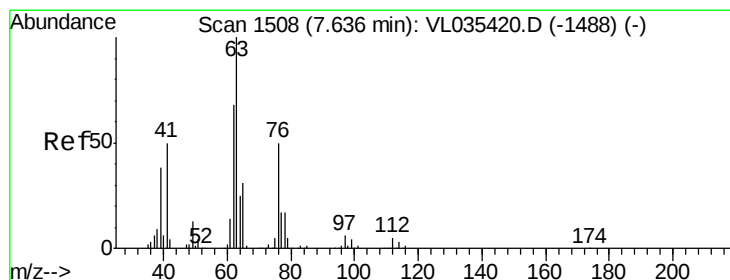
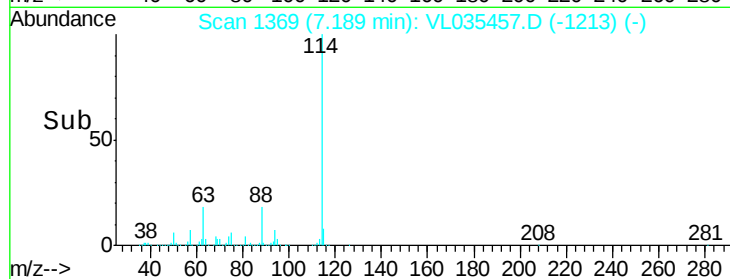
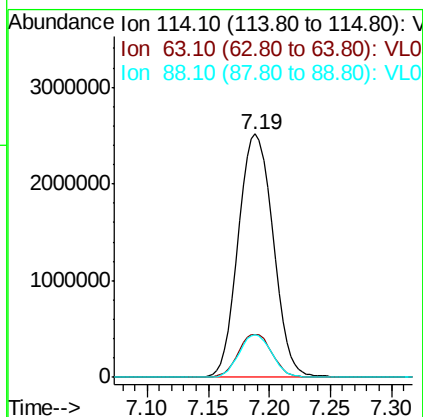
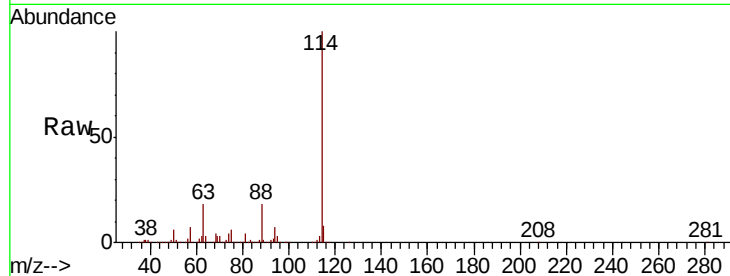




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035457.D
 Acq: 19 Aug 2020 00:59

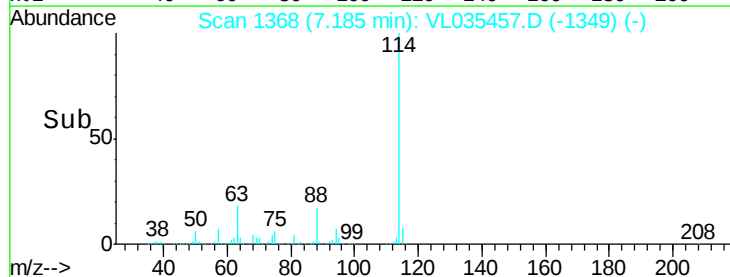
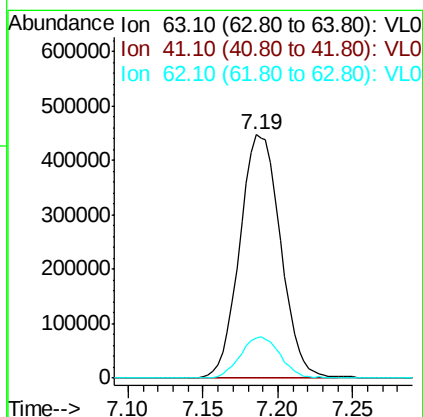
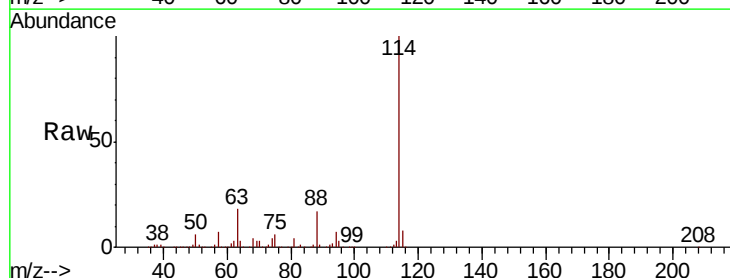
Instrument :
 MSVOA_L
 ClientSampleId :

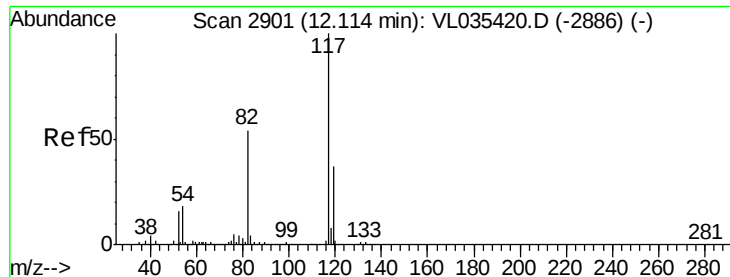
Tot Ion:114 Resp: 4976433
 Ion Ratio Lower Upper
 114 100
 63 17.2 23.1 34.7#
 88 16.6 15.9 23.9



#39
 1,2-Dichloropropane
 Concen: 7.063 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035457.D
 Acq: 19 Aug 2020 00:59

Tgt Ion: 63 Resp: 850235
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.1 91.7#
 62 16.4 55.3 82.9#

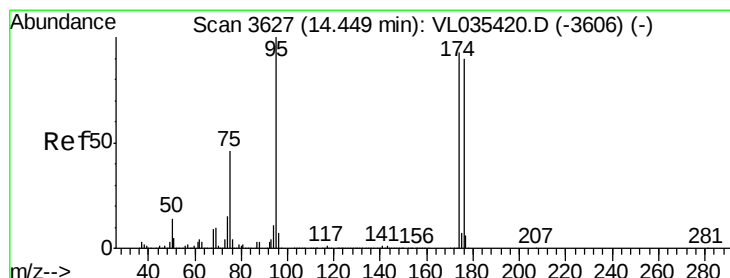
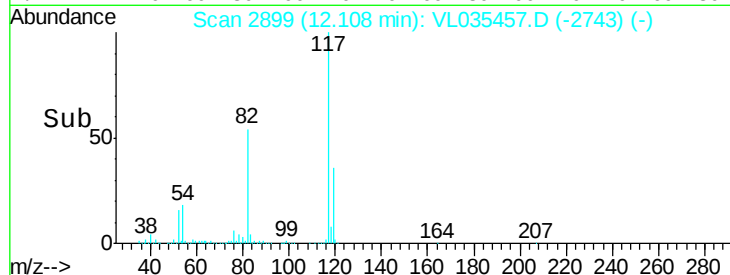
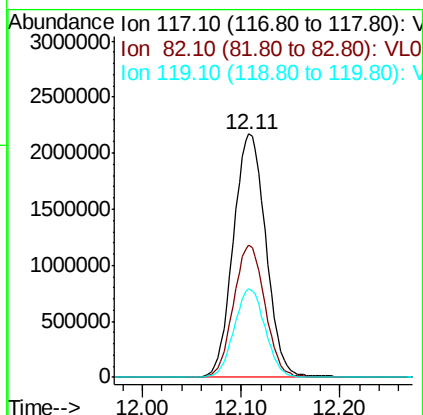
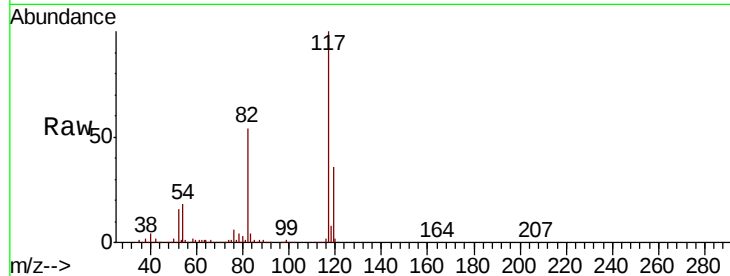




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VL035457.D
Acq: 19 Aug 2020 00:59

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4954032
Ion Ratio Lower Upper
117 100
82 53.0 57.4 86.0#
119 35.0 28.4 42.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.286 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. 0.00 min
Lab File: VL035457.D
Acq: 19 Aug 2020 00:59

Tgt Ion: 95 Resp: 3567385
Ion Ratio Lower Upper
95 100
174 92.4 44.0 66.0#
175 6.6 3.2 4.8#

