

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034565.D
 Acq On : 27 Jan 2020 17:41
 Operator : SY/AP
 Sample : OC012020 CAN 10300
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 00:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	966117	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1952070	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1908484	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1601539	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

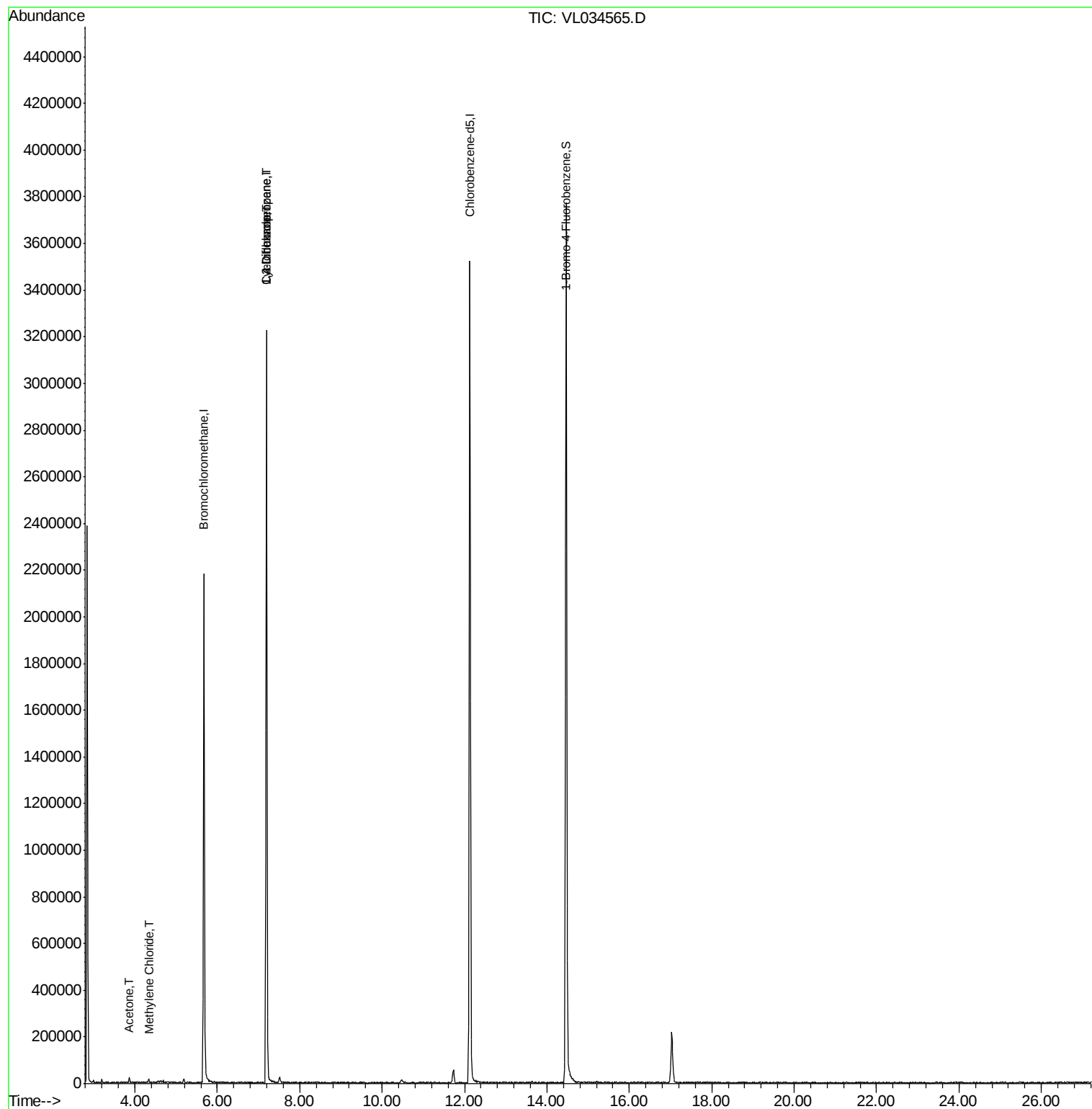
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	17874	0.127	ppbv #	52
20) Methylene Chloride	4.33	84	1687	0.030	ppbv #	71
30) Cyclohexane	7.19	84	4323	0.063	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	579555	8.283	ppbv #	21

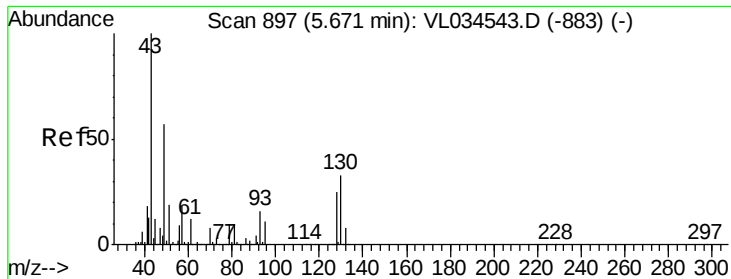
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012720\
Data File : VL034565.D
Acq On : 27 Jan 2020 17:41
Operator : SY/AP
Sample : OC012020 CAN 10300
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 28 00:22:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

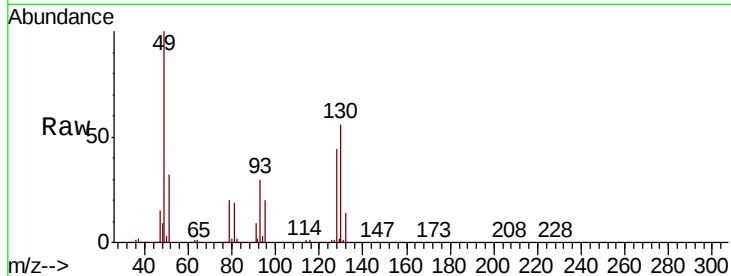
Delta R.T. -0.00 min

Lab File: VL034565.D

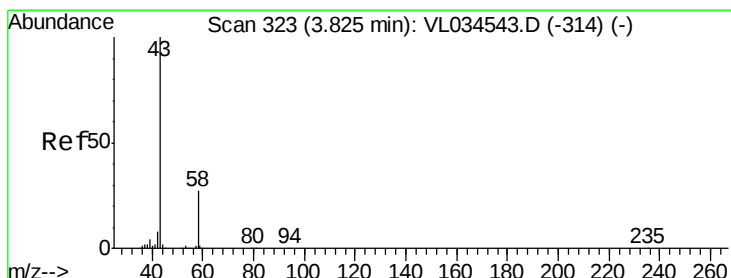
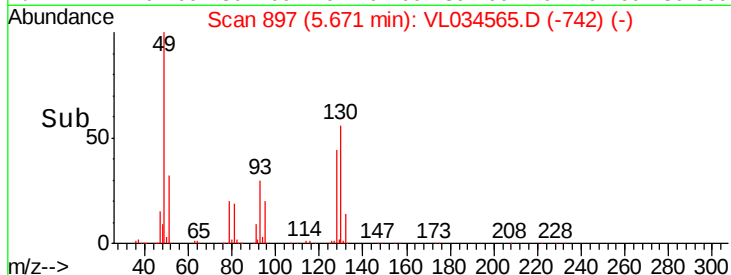
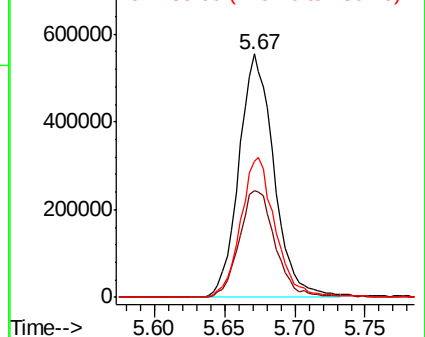
Acq: 27 Jan 2020 17:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 966117
Ion Ratio Lower Upper
49 100
128 45.2 22.4 67.2
130 57.0 28.3 85.0



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.127 ppbv

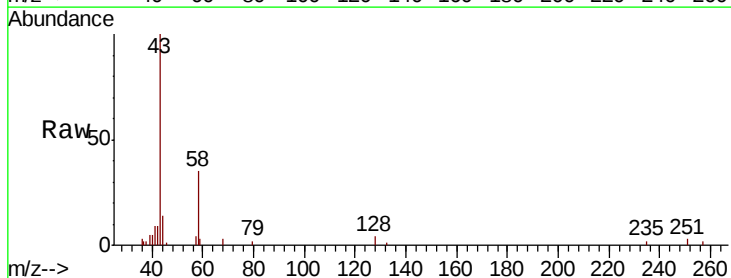
RT: 3.86 min Scan# 334

Delta R.T. 0.03 min

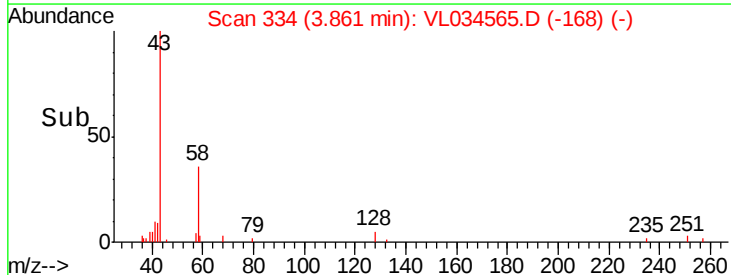
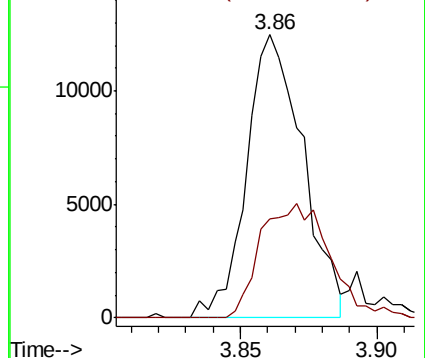
Lab File: VL034565.D

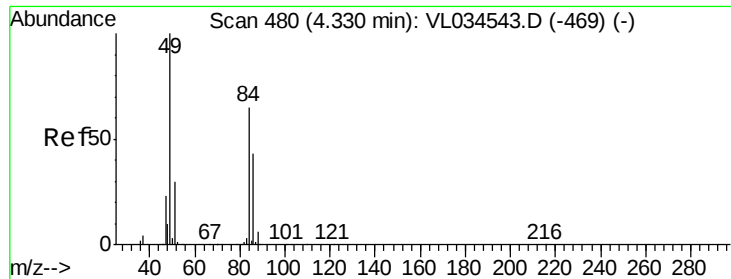
Acq: 27 Jan 2020 17:41

Tgt Ion: 43 Resp: 17874
Ion Ratio Lower Upper
43 100
58 49.6 20.4 30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

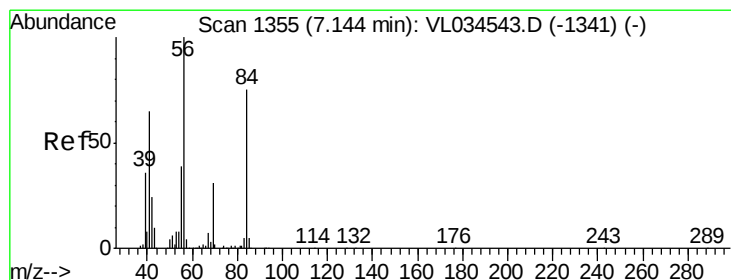
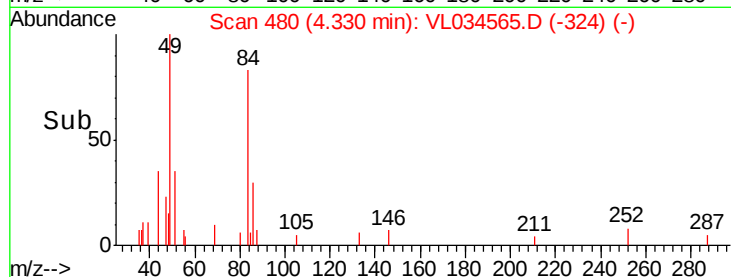
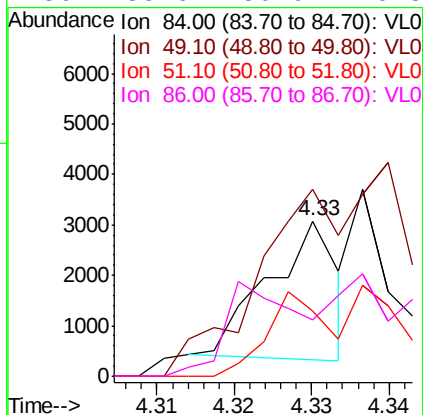
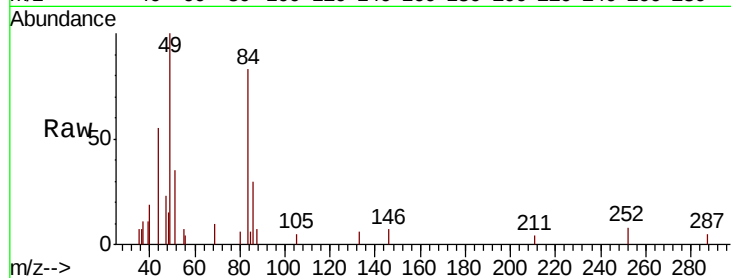




#20
Methvlene Chloride
Concen: 0.030 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

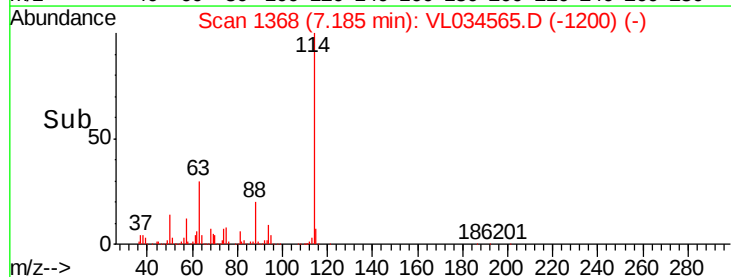
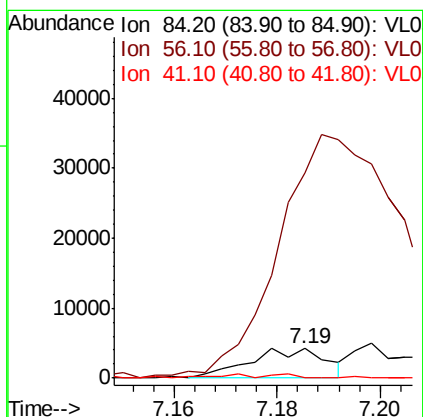
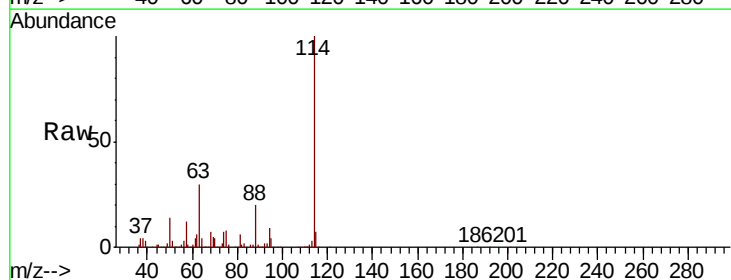
Instrument :
MSVOA_L
ClientSampleId :

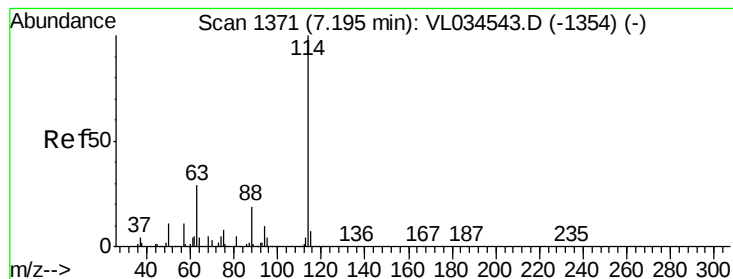
Tot Ion: 84 Resp: 1687
Ion Ratio Lower Upper
84 100
49 112.5 124.4 186.6#
51 49.1 37.0 55.6
86 35.6 50.9 76.3#



#30
Cyclohexane
Concen: 0.063 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.04 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

Tgt Ion: 84 Resp: 4323
Ion Ratio Lower Upper
84 100
56 1414.3 112.7 169.1#
41 12.4 73.0 109.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VL034565.D

Acq: 27 Jan 2020 17:41

Instrument :

MSVOA_L

ClientSampleId :

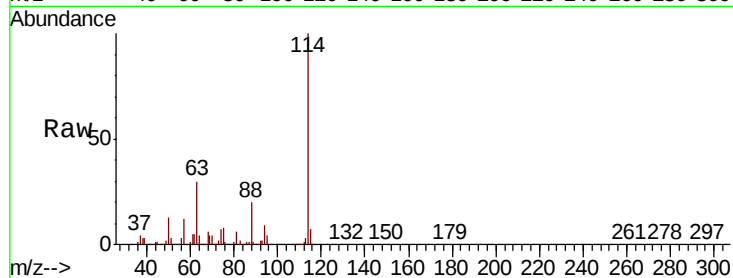
Tot Ion:114 Resp: 1952070

Ion Ratio Lower Upper

114 100

63 30.2 24.1 36.1

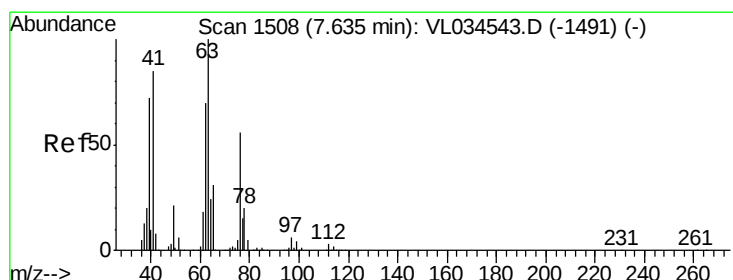
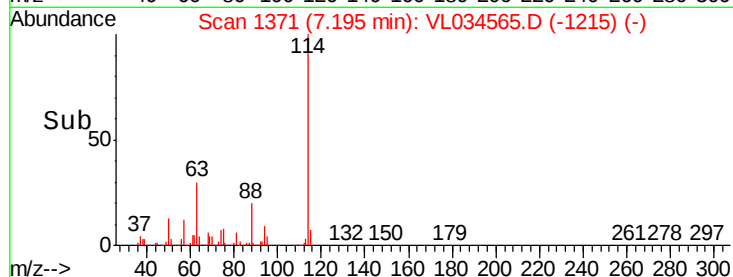
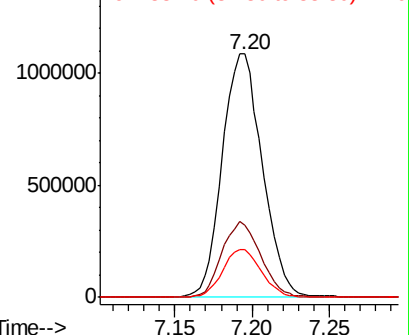
88 19.2 15.7 23.5



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: 8.283 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.44 min

Lab File: VL034565.D

Acq: 27 Jan 2020 17:41

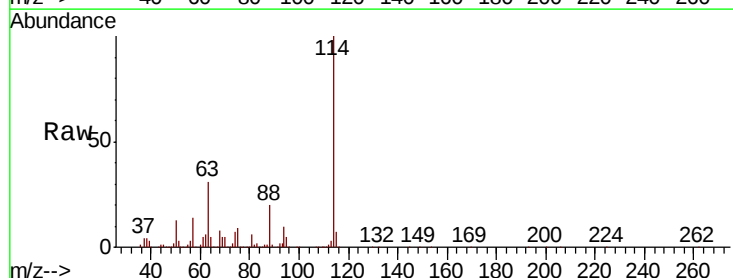
Tgt Ion: 63 Resp: 579555

Ion Ratio Lower Upper

63 100

41 0.0 66.1 99.1#

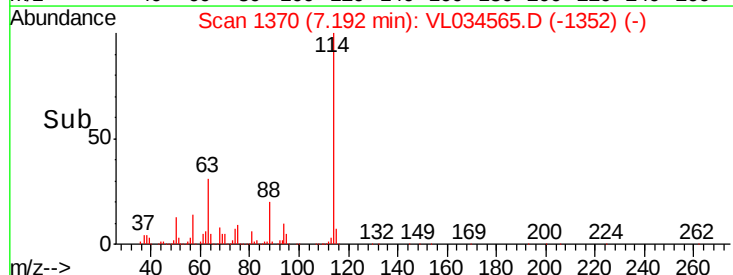
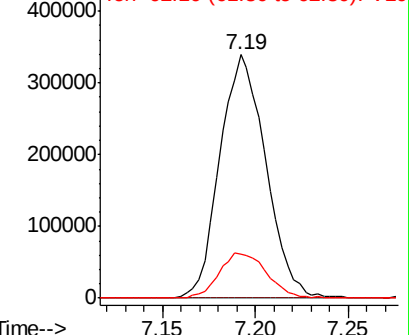
62 18.0 54.9 82.3#

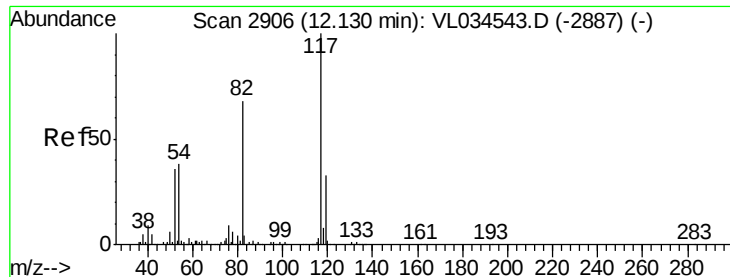


Abundance Ion 63.10 (62.80 to 63.80): VL0

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: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL034565.D

Acq: 27 Jan 2020 17:41

Instrument :

MSVOA_L

ClientSampleId :

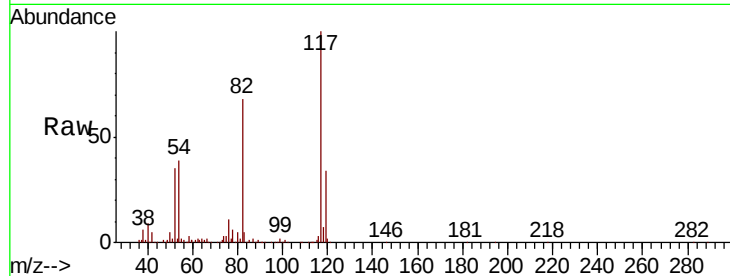
Tot Ion:117 Resp: 1908484

Ion Ratio Lower Upper

117 100

82 71.1 56.2 84.4

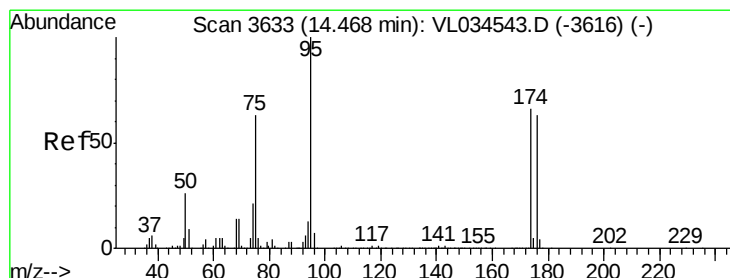
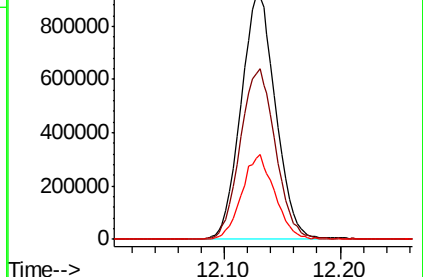
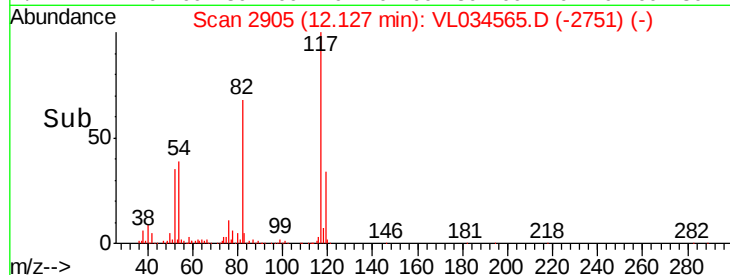
119 33.0 27.1 40.7



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.056 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. 0.00 min

Lab File: VL034565.D

Acq: 27 Jan 2020 17:41

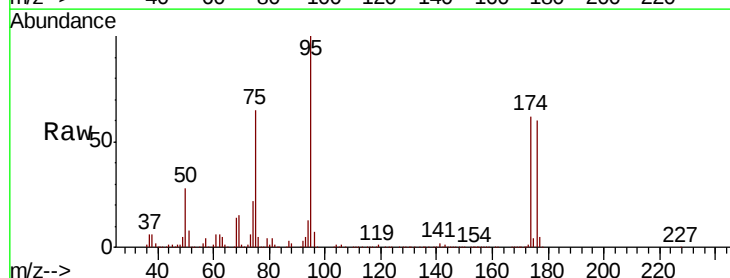
Tgt Ion: 95 Resp: 1601539

Ion Ratio Lower Upper

95 100

174 64.1 52.4 78.6

175 4.4 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

