

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120320\
 Data File : VL036057.D
 Acq On : 3 Dec 2020 19:09
 Operator : SY/AP
 Sample : OC120220 CAN 10281
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120220 CAN 10281

Quant Time: Dec 04 04:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 04 03:52:25 2020
 QLast Update : Fri Dec 04 03:52:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1042923	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3541669	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3282632	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2481066	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

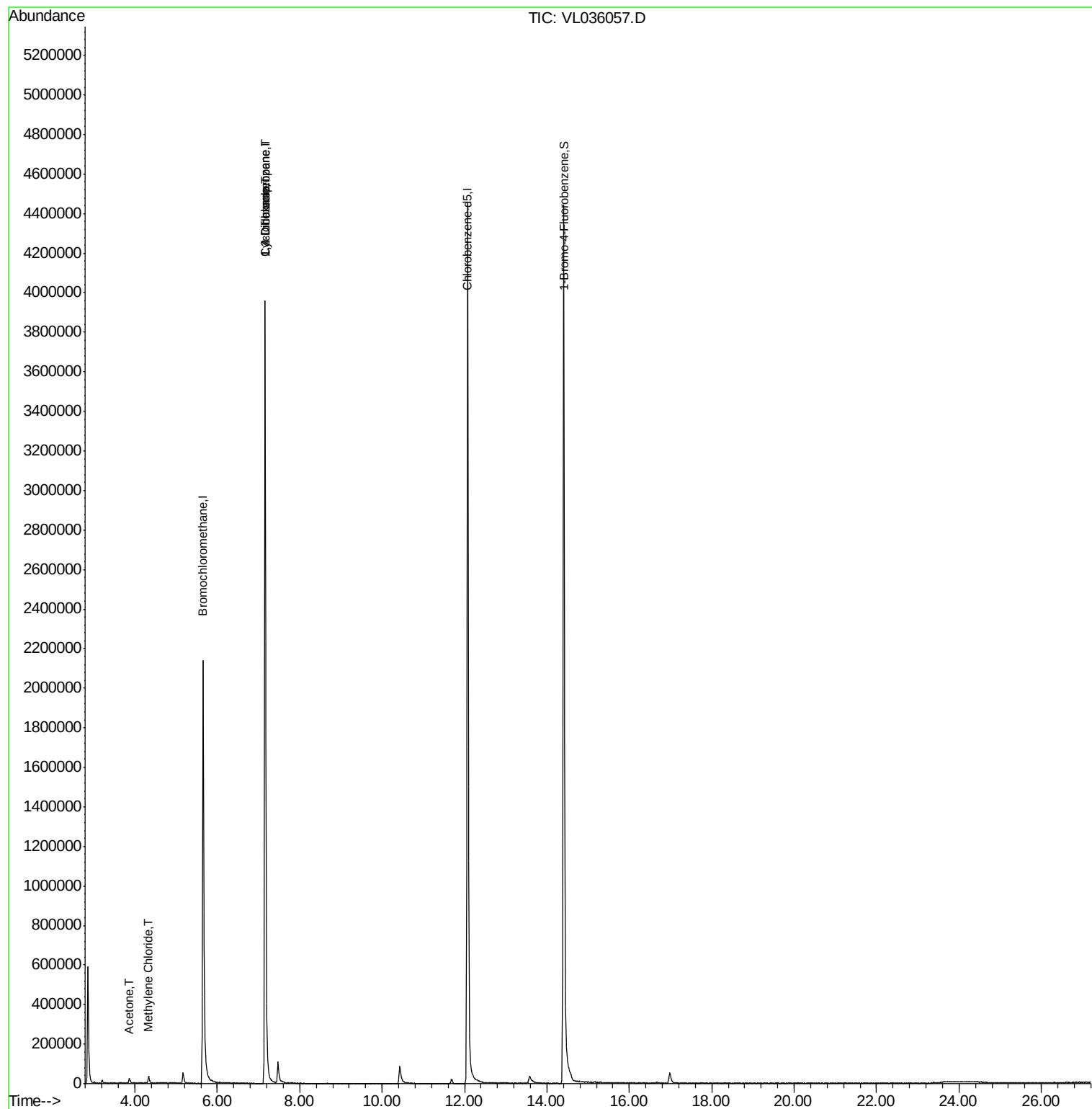
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	11041	0.098	ppbv #	41
20) Methylene Chloride	4.33	84	9379	0.101	ppbv	98
30) Cyclohexane	7.15	84	7442	0.070	ppbv #	4
39) 1,2-Dichloropropane	7.16	63	739194	8.010	ppbv #	30

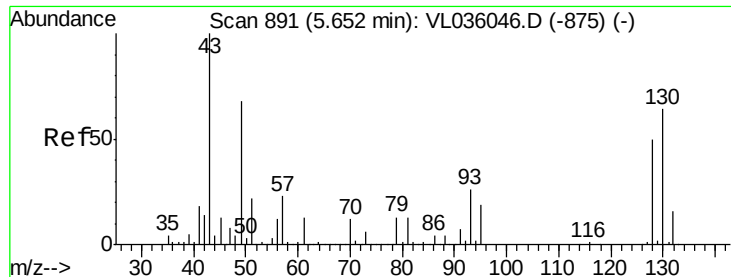
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120320\
Data File : VL036057.D
Acq On : 3 Dec 2020 19:09
Operator : SY/AP
Sample : OC120220 CAN 10281
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC120220 CAN 10281

Quant Time: Dec 04 04:15:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 04 03:52:25 2020
QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL036057.D

Acq: 3 Dec 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

QC120220 CAN 10281

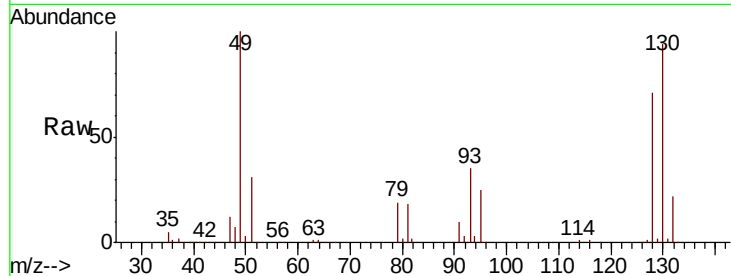
Tot Ion: 49 Resp: 1042923

Ion Ratio Lower Upper

49 100

128 73.6 38.3 114.8

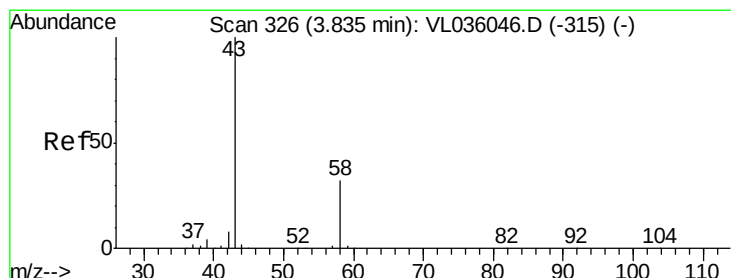
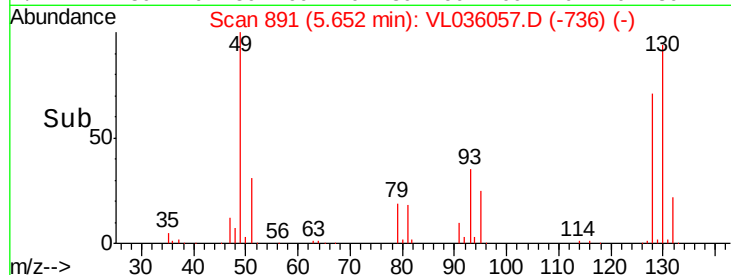
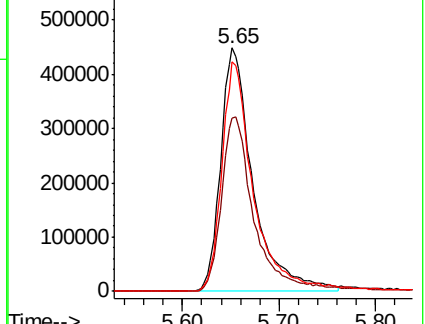
130 94.6 49.1 147.4



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: 0.098 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL036057.D

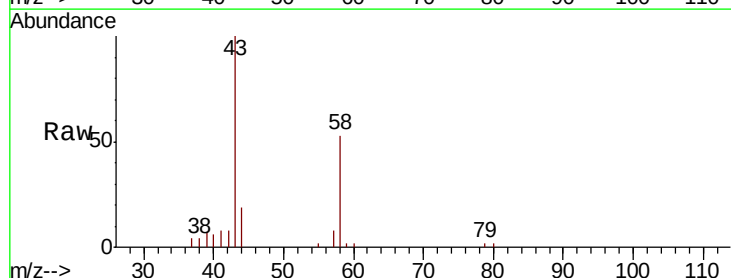
Acq: 3 Dec 2020 19:09

Tgt Ion: 43 Resp: 11041

Ion Ratio Lower Upper

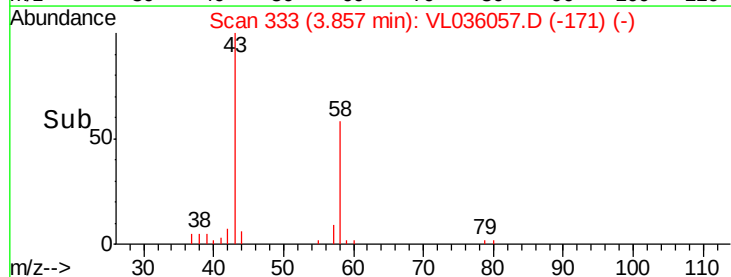
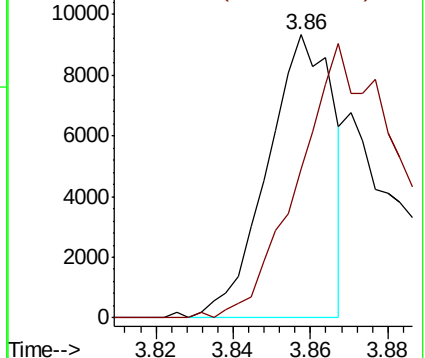
43 100

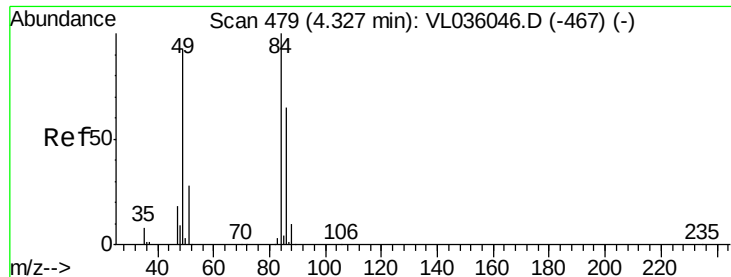
58 0.0 27.0 40.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

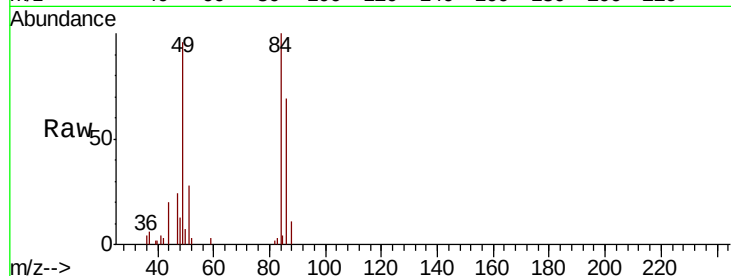




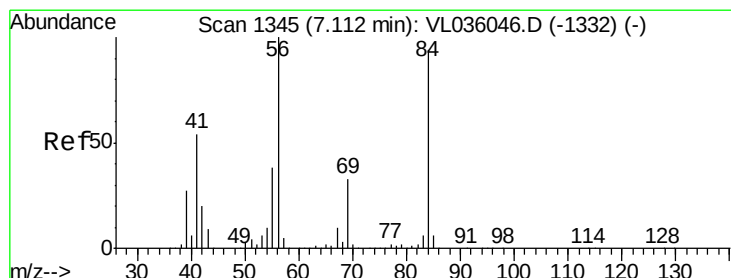
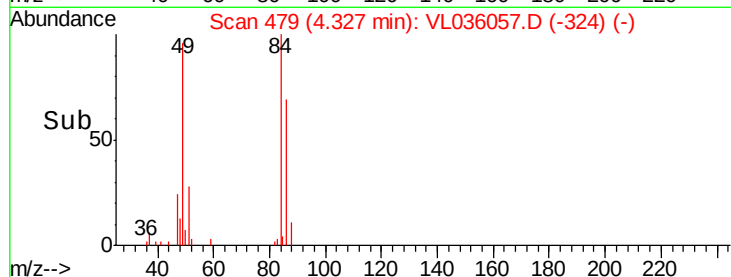
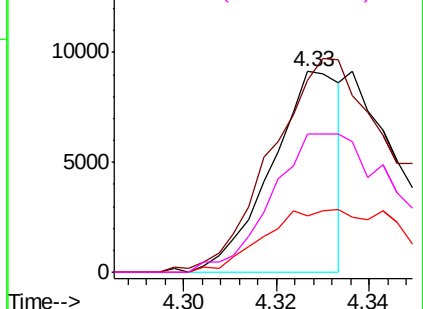
#20
Methvlene Chloride
Concen: 0.101 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL036057.D
Acq: 3 Dec 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :
QC120220 CAN 10281

Tot Ion:	84	Resp:	9379
Ion	Ratio	Lower	Upper
84	100		
49	93.7	74.4	111.6
51	28.0	22.5	33.7
86	68.7	52.2	78.2

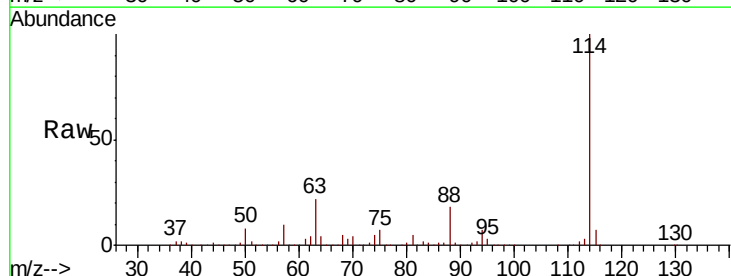


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

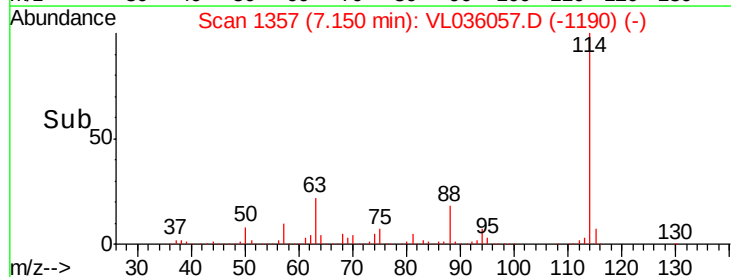
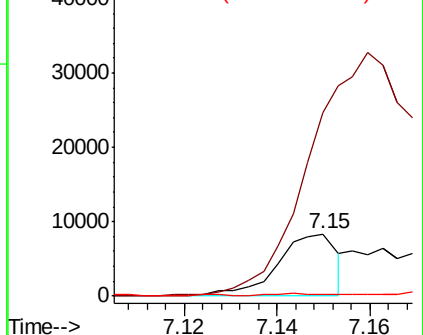


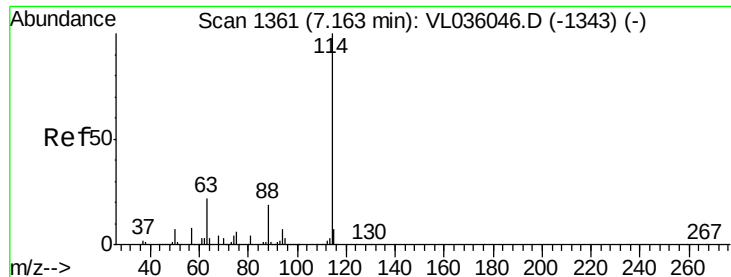
#30
Cyclohexane
Concen: 0.070 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.04 min
Lab File: VL036057.D
Acq: 3 Dec 2020 19:09

Tgt Ion:	84	Resp:	7442
Ion	Ratio	Lower	Upper
84	100		
56	0.0	89.9	134.9#
41	0.0	46.1	69.1#



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

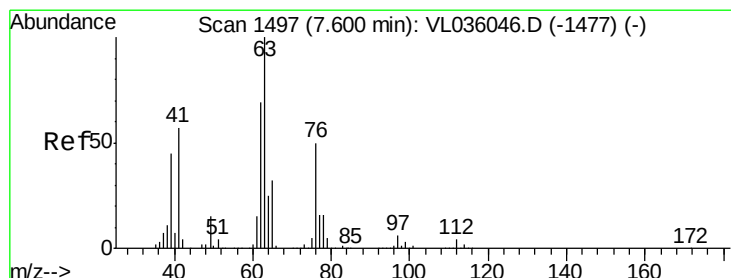
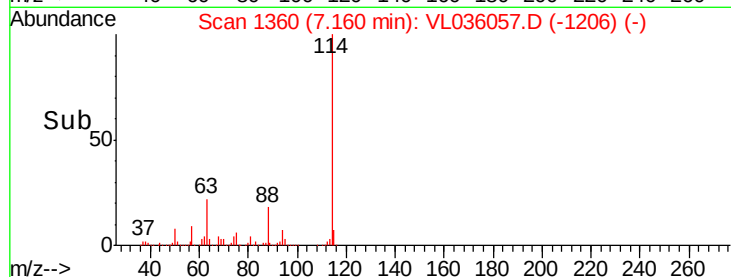
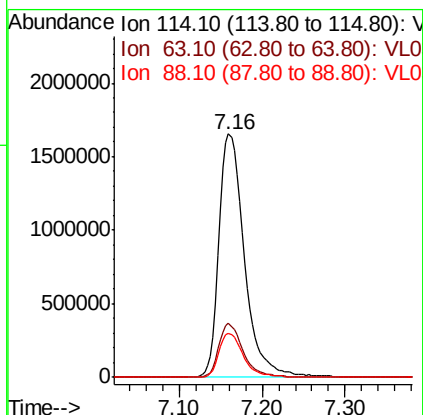
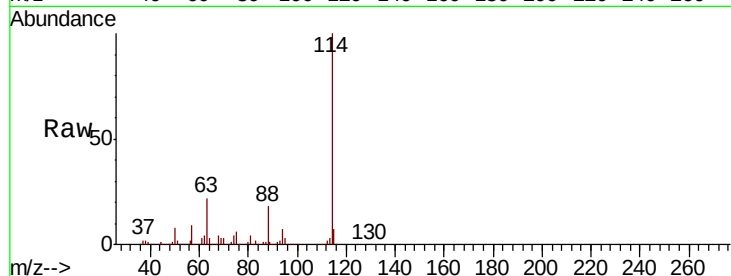




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VL036057.D
 Acq: 3 Dec 2020 19:09

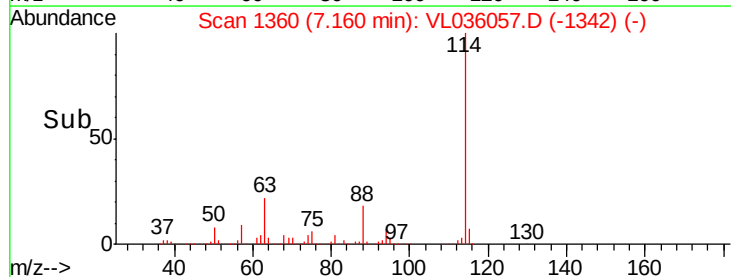
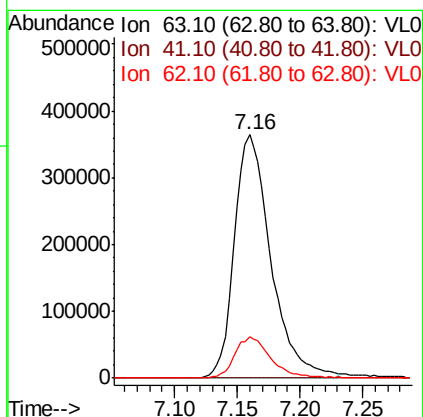
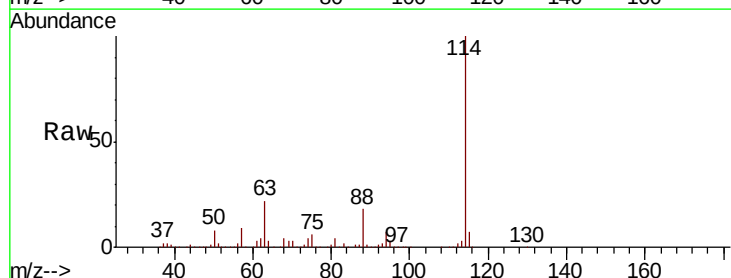
Instrument :
 MSVOA_L
 ClientSampleId :
 QC120220 CAN 10281

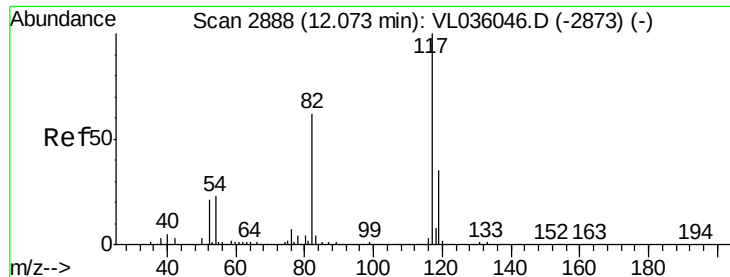
Tot Ion:114 Resp: 3541669
 Ion Ratio Lower Upper
 114 100
 63 21.2 17.2 25.8
 88 17.5 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.010 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.44 min
 Lab File: VL036057.D
 Acq: 3 Dec 2020 19:09

Tgt Ion: 63 Resp: 739194
 Ion Ratio Lower Upper
 63 100
 41 0.1 45.4 68.0#
 62 16.8 55.3 82.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. 0.00 min

Lab File: VL036057.D

Acq: 3 Dec 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

QC120220 CAN 10281

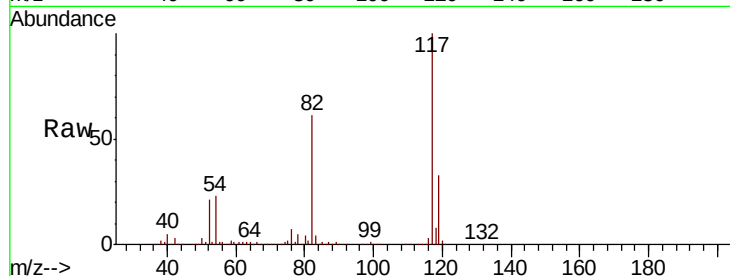
Tot Ion:117 Resp: 3282632

Ion Ratio Lower Upper

117 100

82 62.2 49.9 74.9

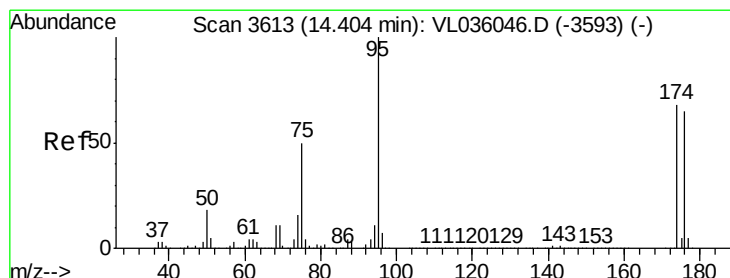
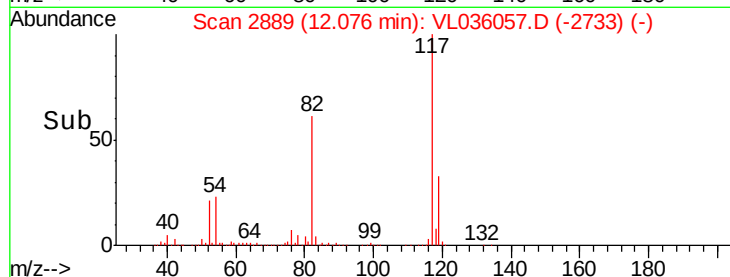
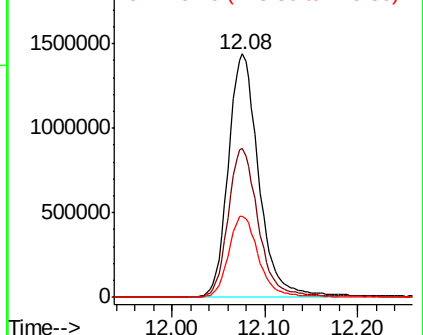
119 33.2 28.7 43.1



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: 9.933 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL036057.D

Acq: 3 Dec 2020 19:09

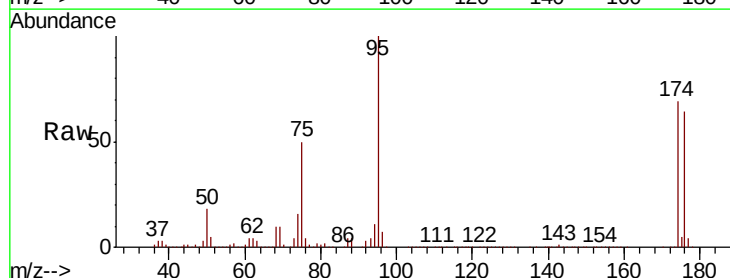
Tgt Ion: 95 Resp: 2481066

Ion Ratio Lower Upper

95 100

174 69.1 54.2 81.2

175 4.8 3.8 5.8



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

