

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035586.D
 Acq On : 10 Sep 2020 16:33
 Operator : SY/AP
 Sample : CAN 10154
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10154

Quant Time: Sep 11 08:13:22 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	1071489	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4342247	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4364183	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3285173	10.60	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

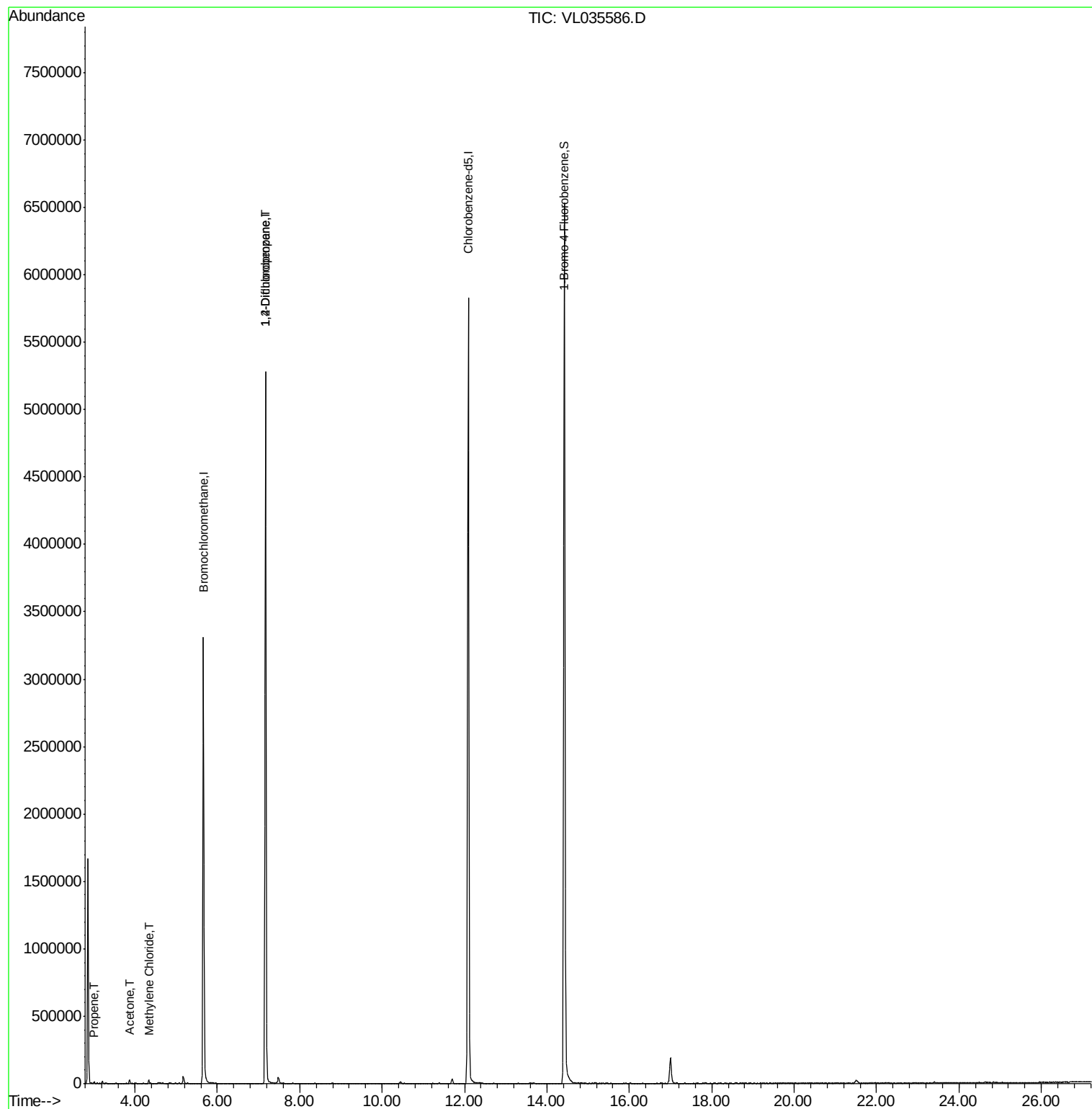
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2716	0.059	ppbv	95
15) Acetone	3.86	43	18101	0.153	ppbv #	2
20) Methylene Chloride	4.34	84	9398	0.107	ppbv	92
39) 1,2-Dichloropropane	7.17	63	818058	8.616	ppbv #	32

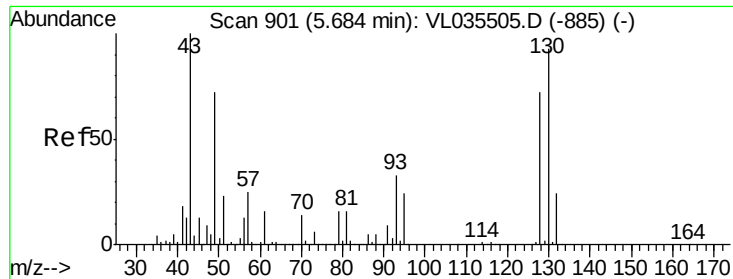
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091020\
Data File : VL035586.D
Acq On : 10 Sep 2020 16:33
Operator : SY/AP
Sample : CAN 10154
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Quant Time: Sep 11 08:13:22 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL035586.D

Acq: 10 Sep 2020 16:33

Instrument :

MSVOA_L

ClientSampleId :

CAN 10154

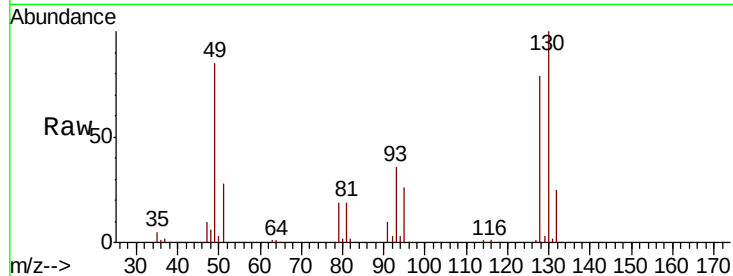
Tot Ion: 49 Resp: 1071489

Ion Ratio Lower Upper

49 100

128 92.6 50.0 150.1

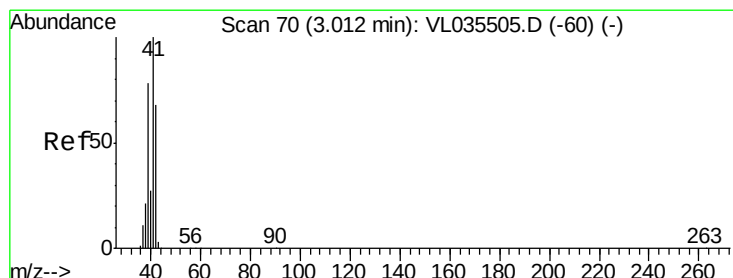
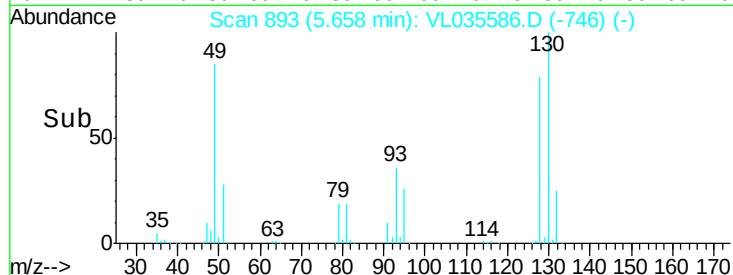
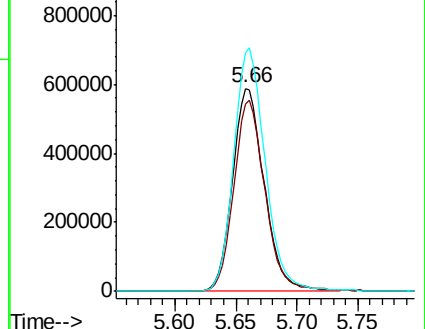
130 119.6 64.4 193.2



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



#9

Propene

Concen: 0.059 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL035586.D

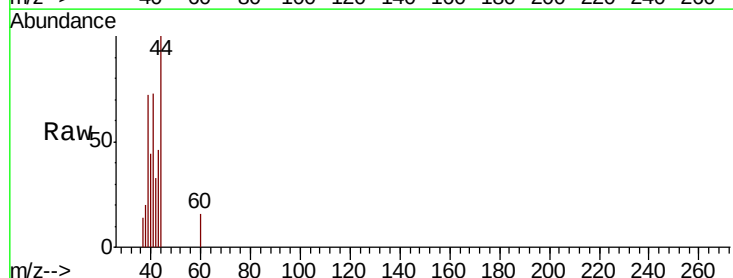
Acq: 10 Sep 2020 16:33

Tgt Ion: 41 Resp: 2716

Ion Ratio Lower Upper

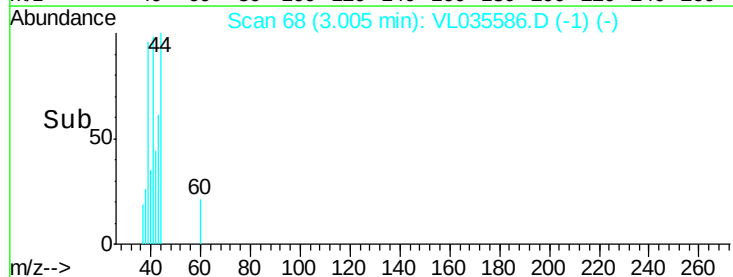
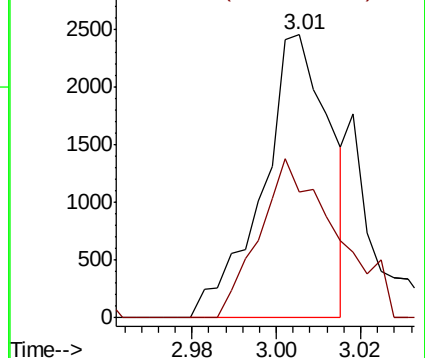
41 100

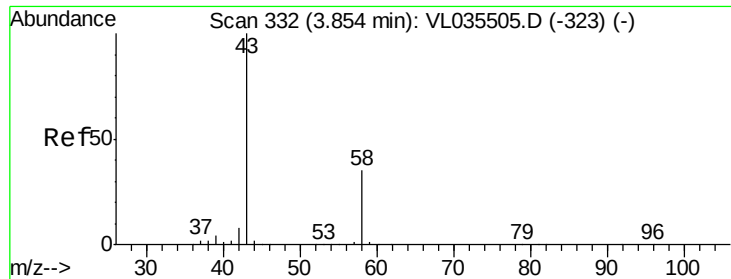
42 66.3 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.153 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL035586.D

Acq: 10 Sep 2020 16:33

Instrument :

MSVOA_L

ClientSampleId :

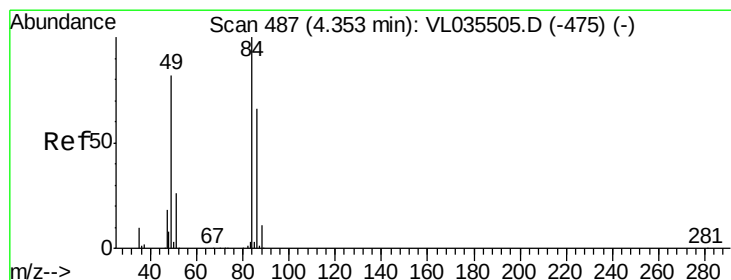
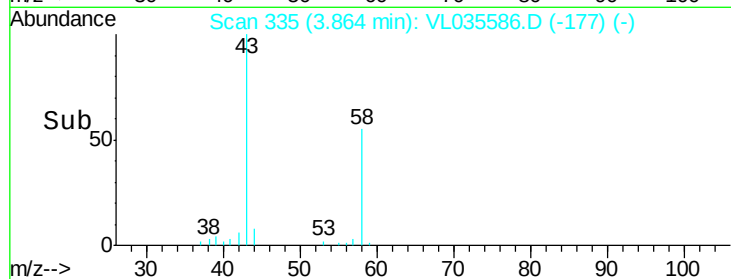
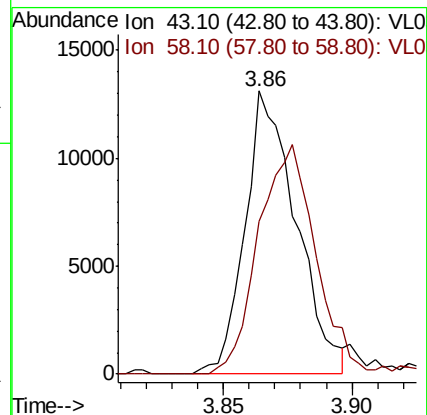
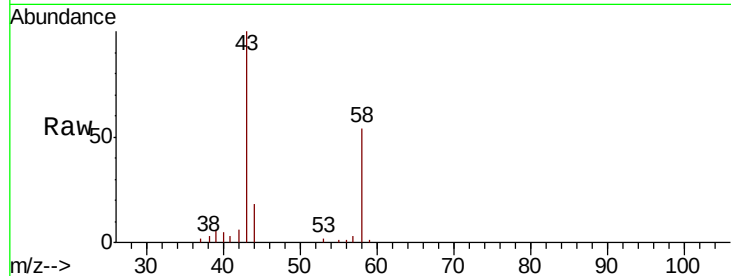
CAN 10154

Tot Ion: 43 Resp: 18101

Ion Ratio Lower Upper

43 100

58 92.6 28.4 42.6#



#20

Methylene Chloride

Concen: 0.107 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL035586.D

Acq: 10 Sep 2020 16:33

Tgt Ion: 84 Resp: 9398

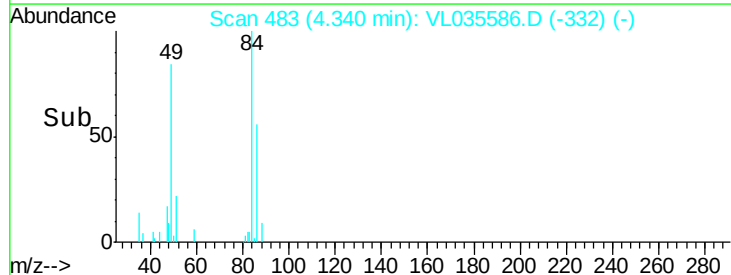
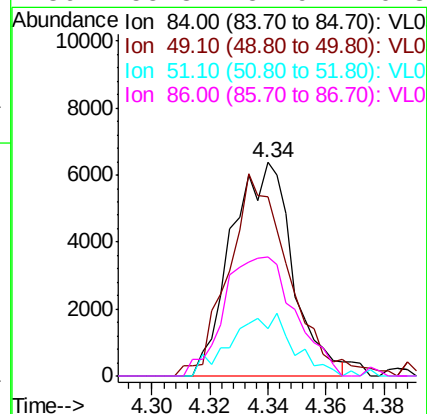
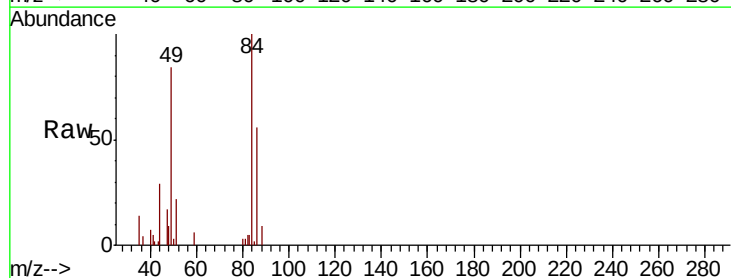
Ion Ratio Lower Upper

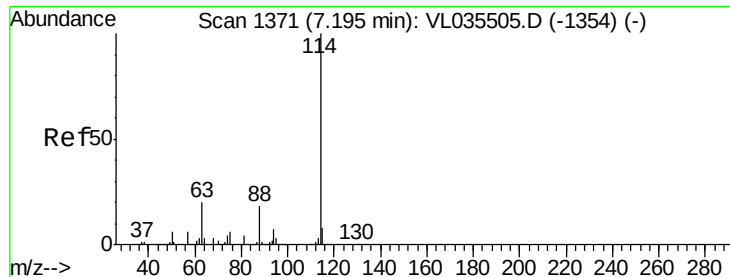
84 100

49 78.9 65.4 98.0

51 21.9 21.5 32.3

86 55.8 52.9 79.3

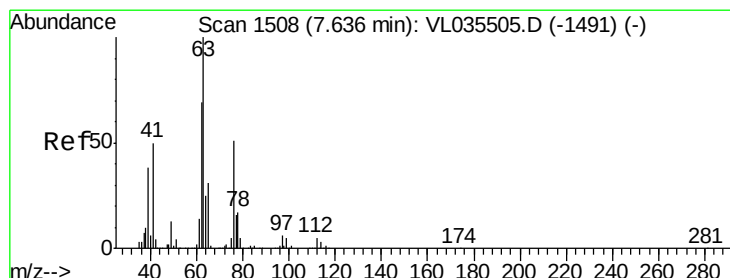
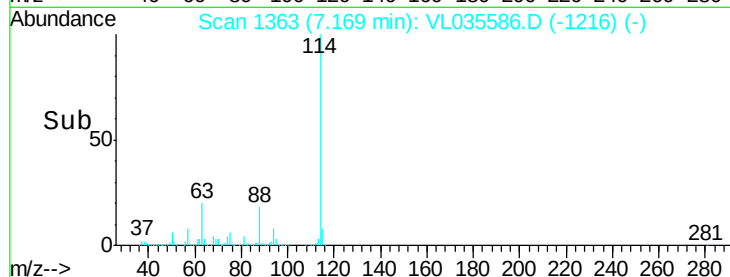
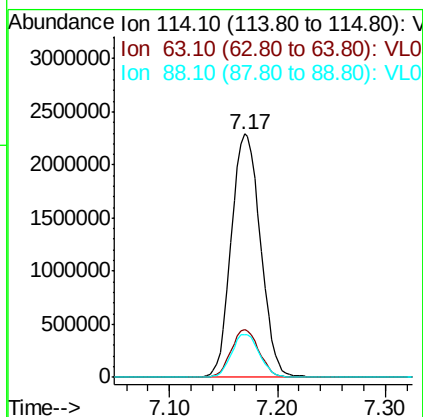
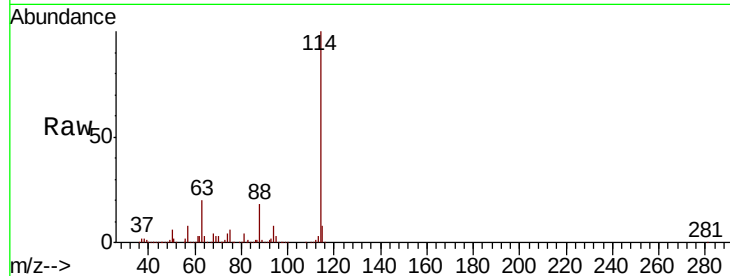




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035586.D
 Acq: 10 Sep 2020 16:33

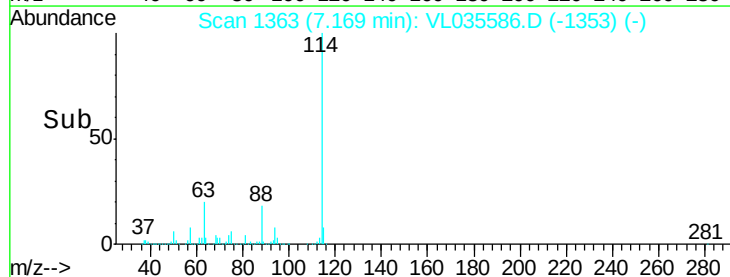
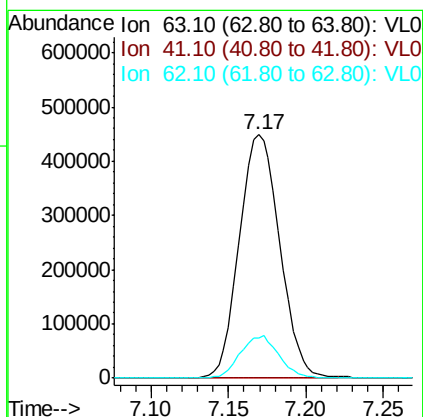
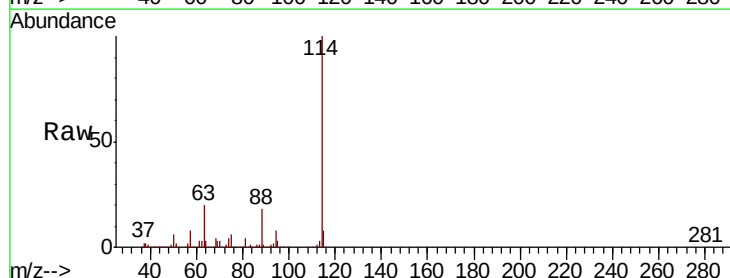
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10154

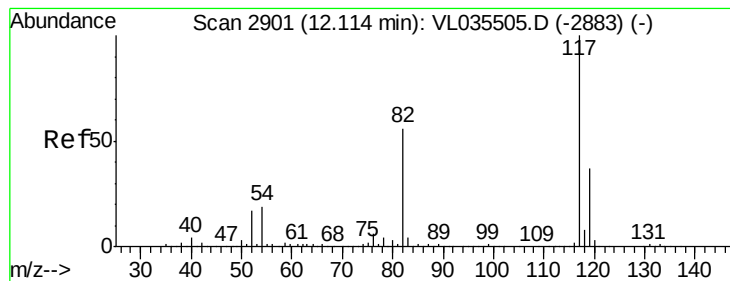
Tot Ion:114 Resp: 4342247
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 17.0 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.616 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL035586.D
 Acq: 10 Sep 2020 16:33

Tgt Ion: 63 Resp: 818058
 Ion Ratio Lower Upper
 63 100
 41 0.1 40.0 60.0#
 62 16.6 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: VL035586.D

Acq: 10 Sep 2020 16:33

Instrument :

MSVOA_L

ClientSampled :

CAN 10154

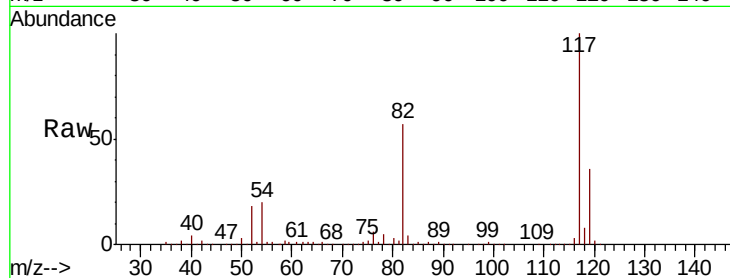
Tot Ion:117 Resp: 4364183

Ion Ratio Lower Upper

117 100

82 56.3 41.6 62.4

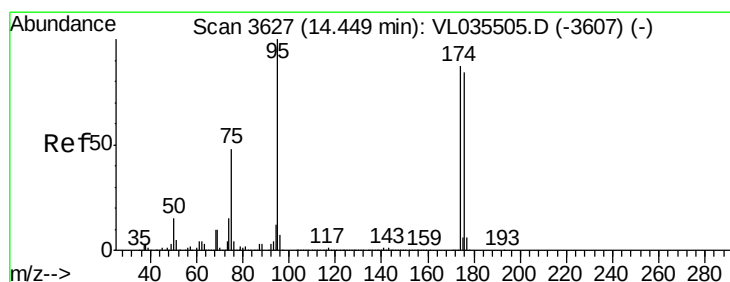
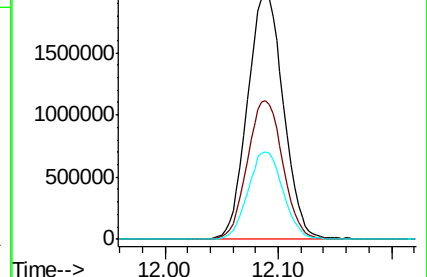
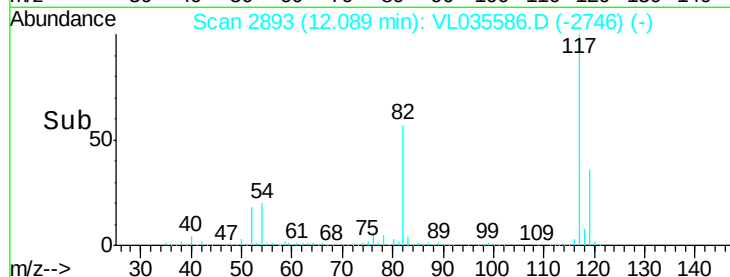
119 35.0 29.3 43.9



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: 10.600 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035586.D

Acq: 10 Sep 2020 16:33

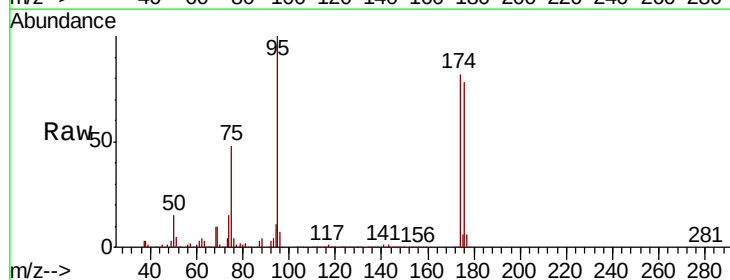
Tgt Ion: 95 Resp: 3285173

Ion Ratio Lower Upper

95 100

174 82.8 69.6 104.4

175 5.9 5.1 7.7



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

