

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035270.D
 Acq On : 30 Jul 2020 7:29
 Operator : SY/AP
 Sample : OC CAN 10601
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Quant Time: Jul 30 08:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1060224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2661001	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2440235	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2020852	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

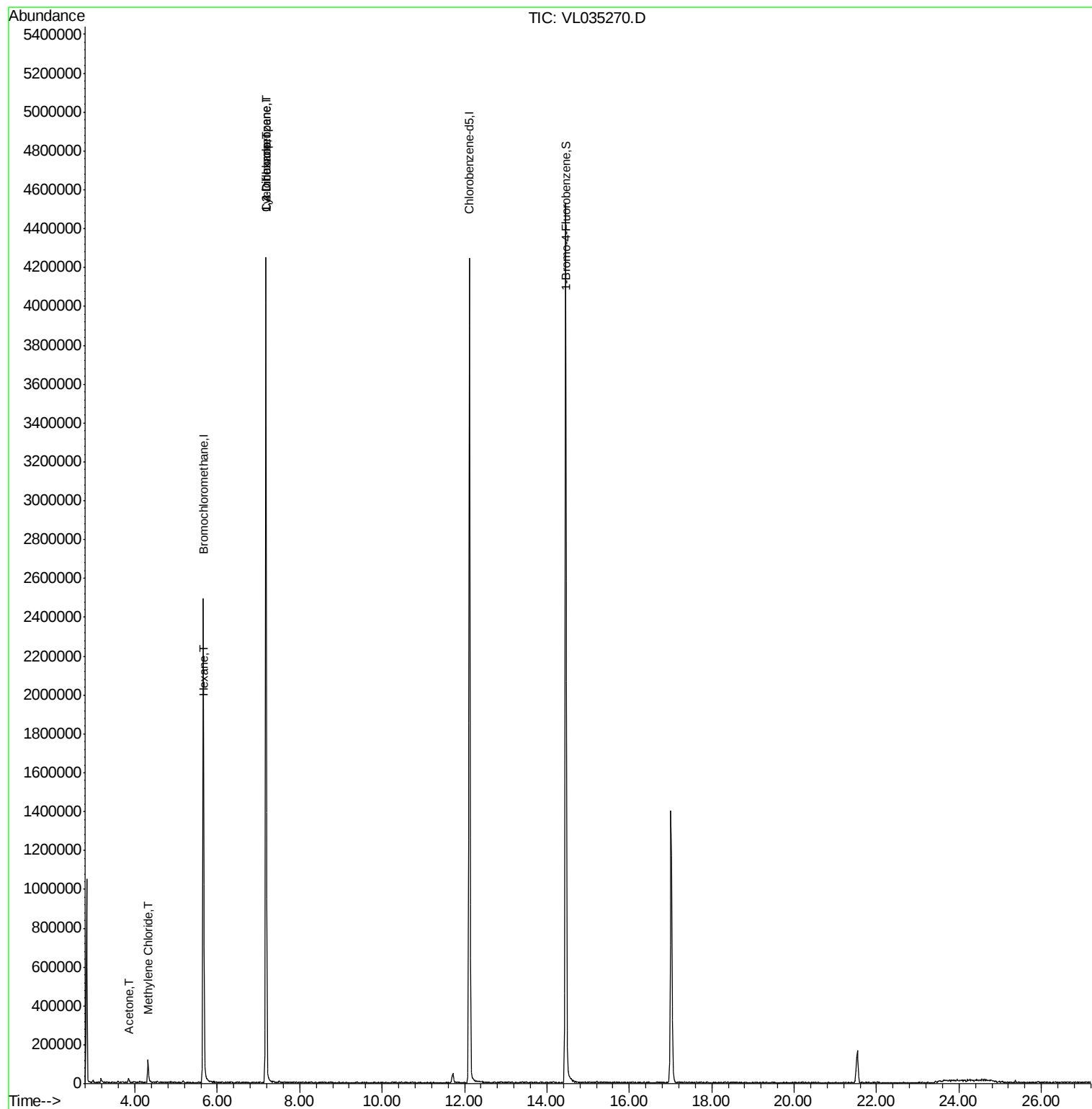
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	9092	0.064	ppbv #	48
20) Methylene Chloride	4.32	84	40455	0.628	ppbv	95
26) Hexane	5.68	57	7848	0.079	ppbv #	41
30) Cyclohexane	7.17	84	7870	0.111	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	726566	9.847	ppbv #	23

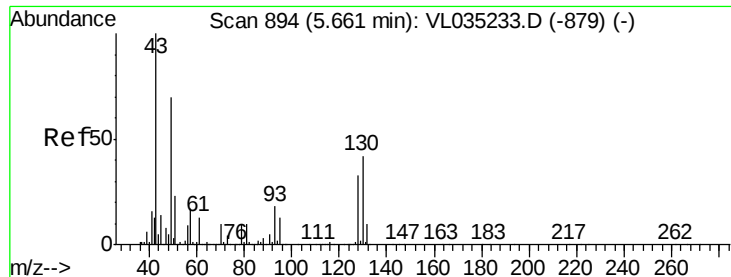
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073020\
Data File : VL035270.D
Acq On : 30 Jul 2020 7:29
Operator : SY/AP
Sample : OC CAN 10601
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Jul 30 08:02:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035270.D

Acq: 30 Jul 2020 7:29

Instrument :

MSVOA_L

ClientSampled :

BFB

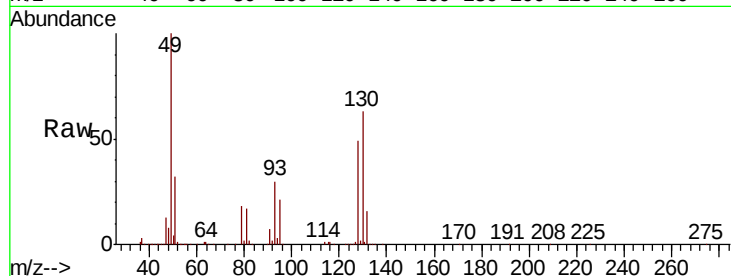
Tot Ion: 49 Resp: 1060224

Ion Ratio Lower Upper

49 100

128 50.7 24.0 72.0

130 65.5 30.7 92.1



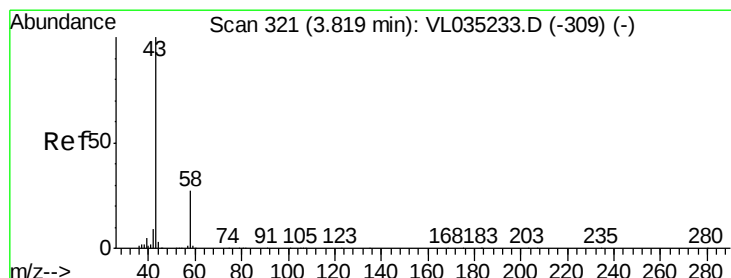
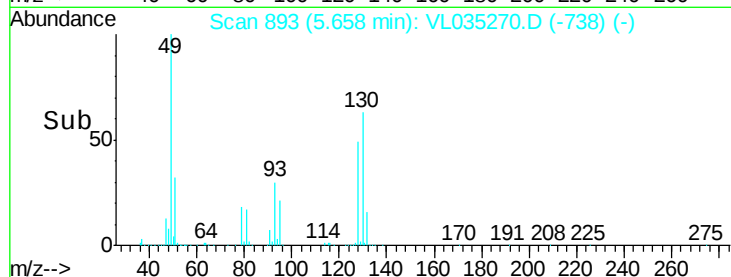
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#15

Acetone

Concen: 0.064 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL035270.D

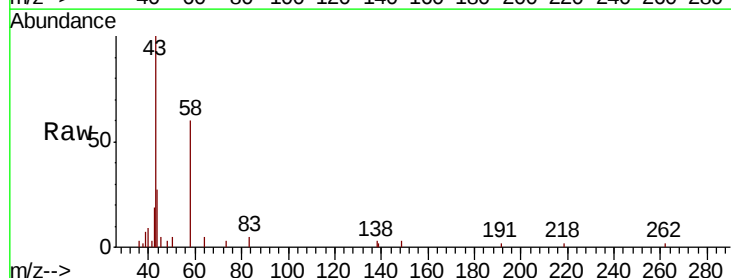
Acq: 30 Jul 2020 7:29

Tgt Ion: 43 Resp: 9092

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#

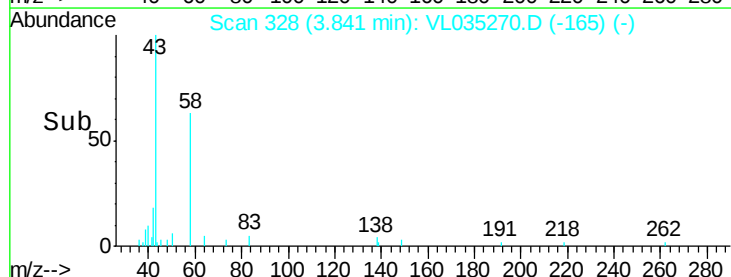


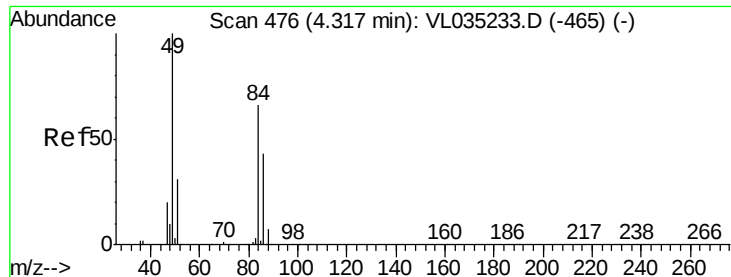
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

Time-->

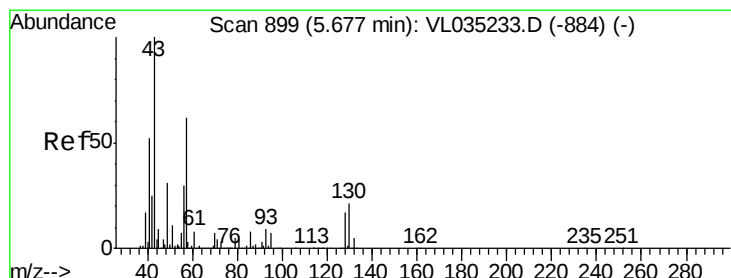
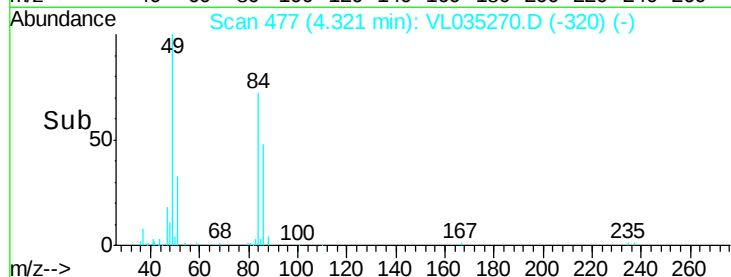
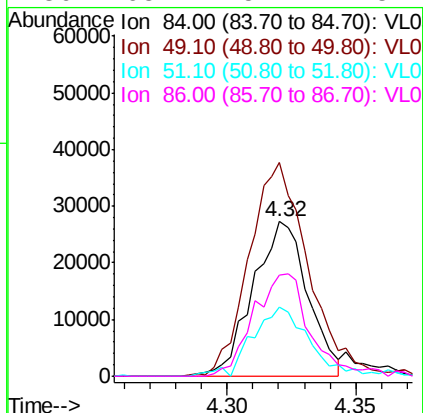
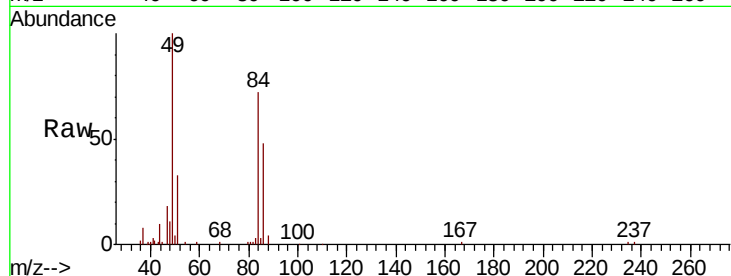




#20
Methvlene Chloride
Concen: 0.628 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035270.D
Acq: 30 Jul 2020 7:29

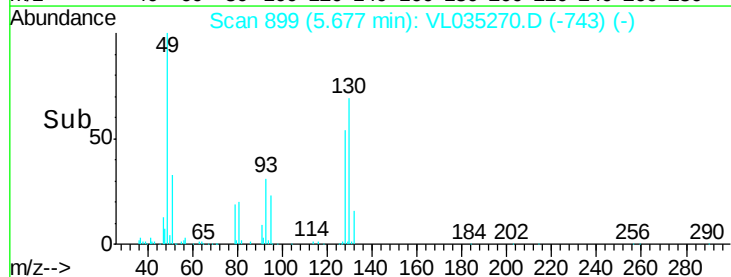
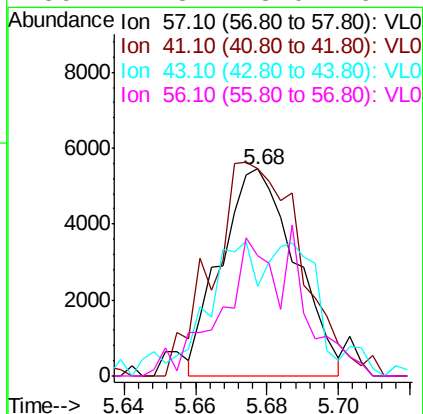
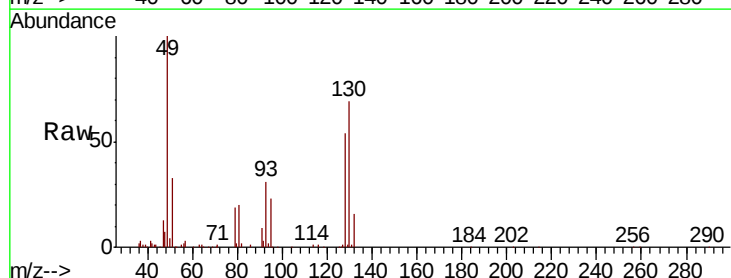
Instrument :
MSVOA_L
ClientSampled :
BFB

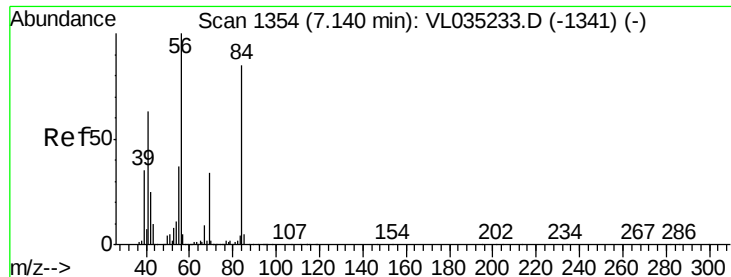
Tot Ion:	84	Resp:	40455
Ion	Ratio	Lower	Upper
84	100		
49	142.4	121.0	181.4
51	45.1	37.7	56.5
86	65.7	52.2	78.4



#26
Hexane
Concen: 0.079 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035270.D
Acq: 30 Jul 2020 7:29

Tgt Ion:	57	Resp:	7848
Ion	Ratio	Lower	Upper
57	100		
41	123.8	73.9	110.9#
43	94.4	177.6	266.4#
56	71.3	43.0	64.4#

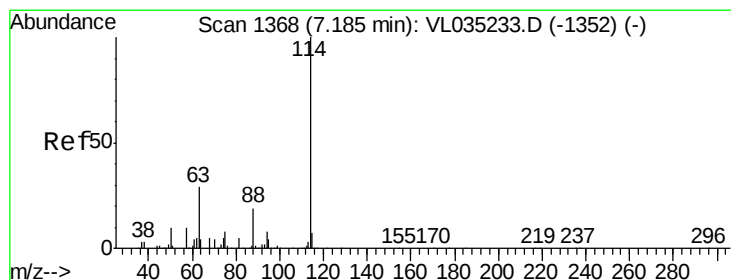
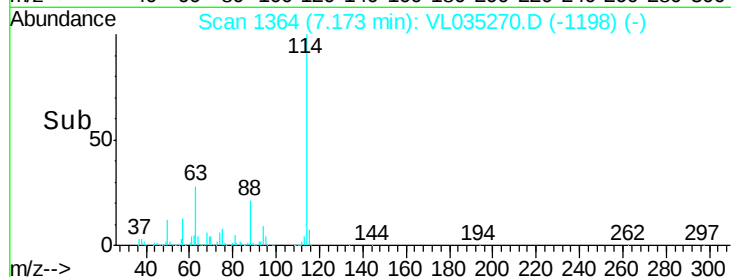
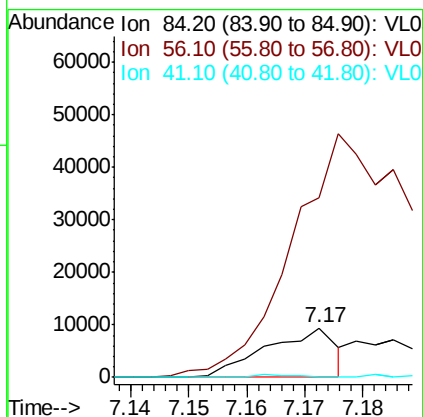
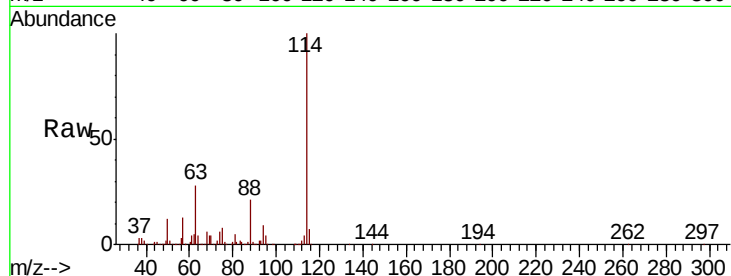




#30
Cvclohexane
Concen: 0.111 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035270.D
Acq: 30 Jul 2020 7:29

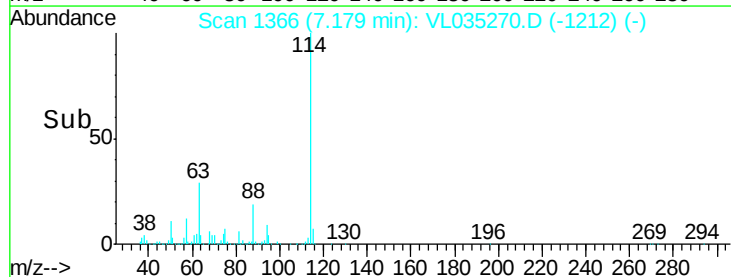
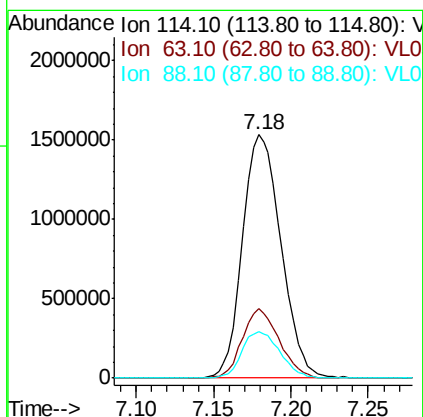
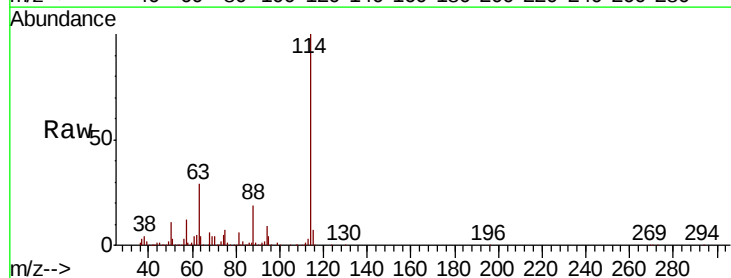
Instrument :
MSVOA_L
ClientSampleId :
BFB

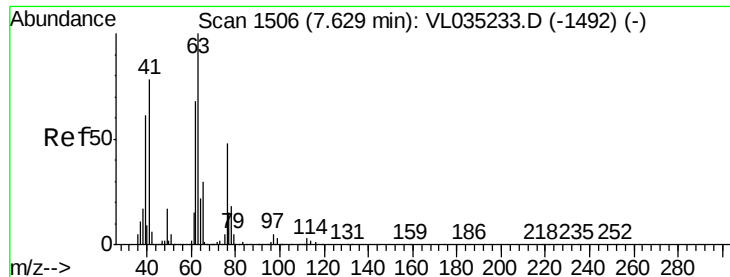
Tot Ion: 84 Resp: 7870
Ion Ratio Lower Upper
84 100
56 964.1 104.2 156.2#
41 0.0 63.7 95.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035270.D
Acq: 30 Jul 2020 7:29

Tgt Ion: 114 Resp: 2661001
Ion Ratio Lower Upper
114 100
63 27.5 22.2 33.2
88 19.2 15.4 23.0





#39

1,2-Dichloropropane

Concen: 9.847 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.45 min

Lab File: VL035270.D

Acq: 30 Jul 2020 7:29

Instrument :

MSVOA_L

ClientSampleId :

BFB

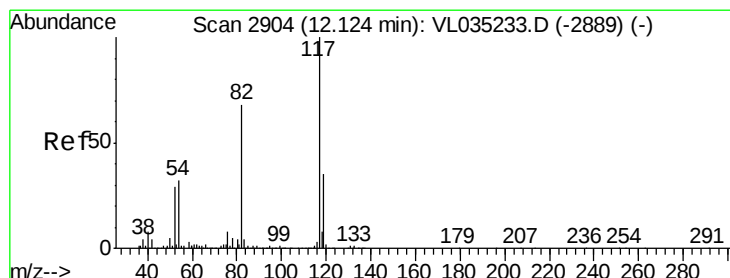
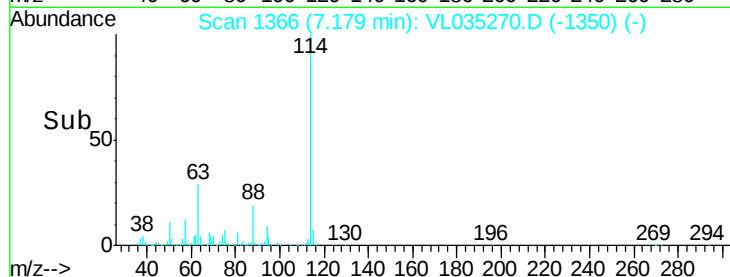
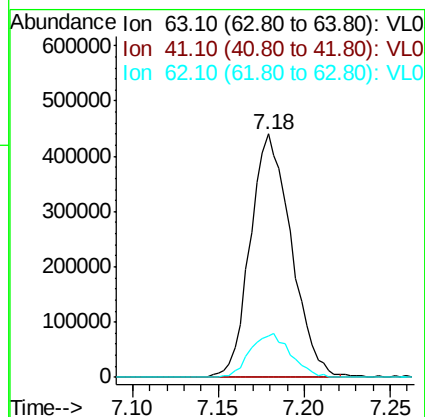
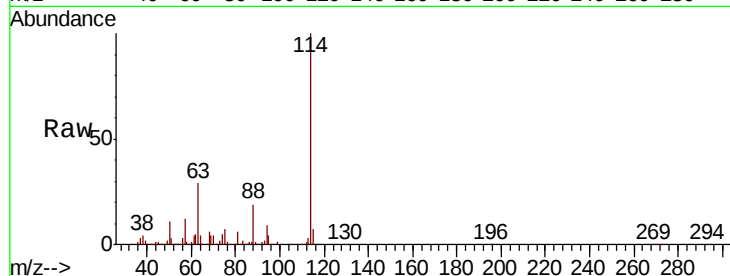
Tot Ion: 63 Resp: 726566

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 16.8 54.2 81.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.01 min

Lab File: VL035270.D

Acq: 30 Jul 2020 7:29

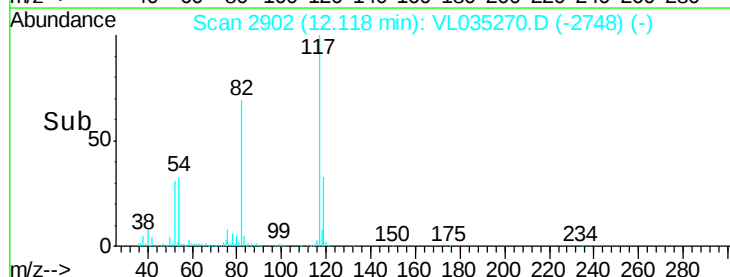
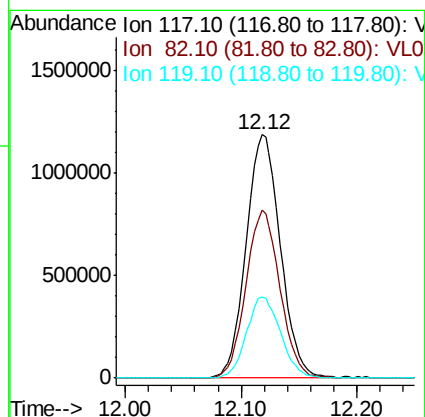
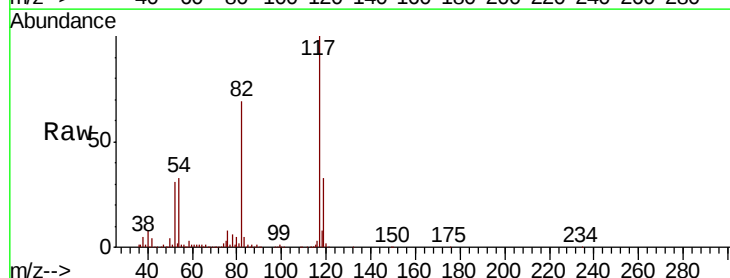
Tgt Ion: 117 Resp: 2440235

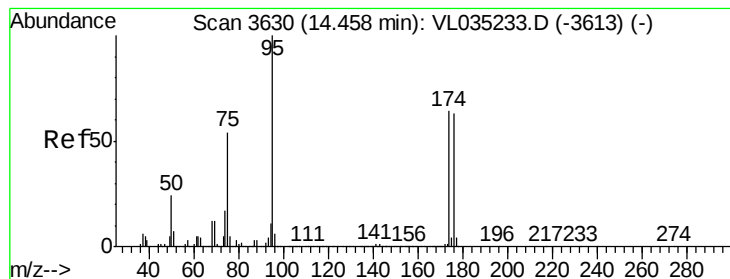
Ion Ratio Lower Upper

117 100

82 68.6 52.4 78.6

119 33.4 24.6 36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.364 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. -0.00 min

Lab File: VL035270.D

Acq: 30 Jul 2020 7:29

Instrument :

MSVOA_L

ClientSampleId :

BFB

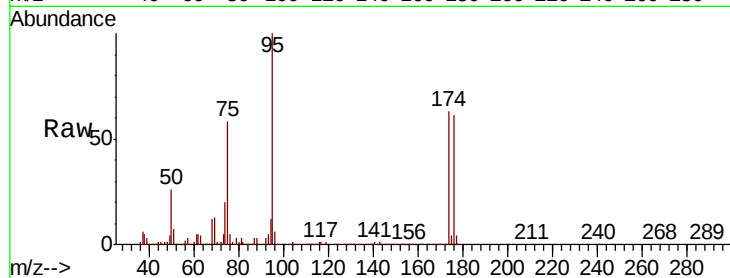
Tot Ion: 95 Resp: 2020852

Ion Ratio Lower Upper

95 100

174 65.2 52.7 79.1

175 4.7 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

