

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035137.D
 Acq On : 30 Jun 2020 22:53
 Operator : SY/AP
 Sample : OC061720 CAN 10295
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 03:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1124429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2658135	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2440259	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2106118	10.39	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

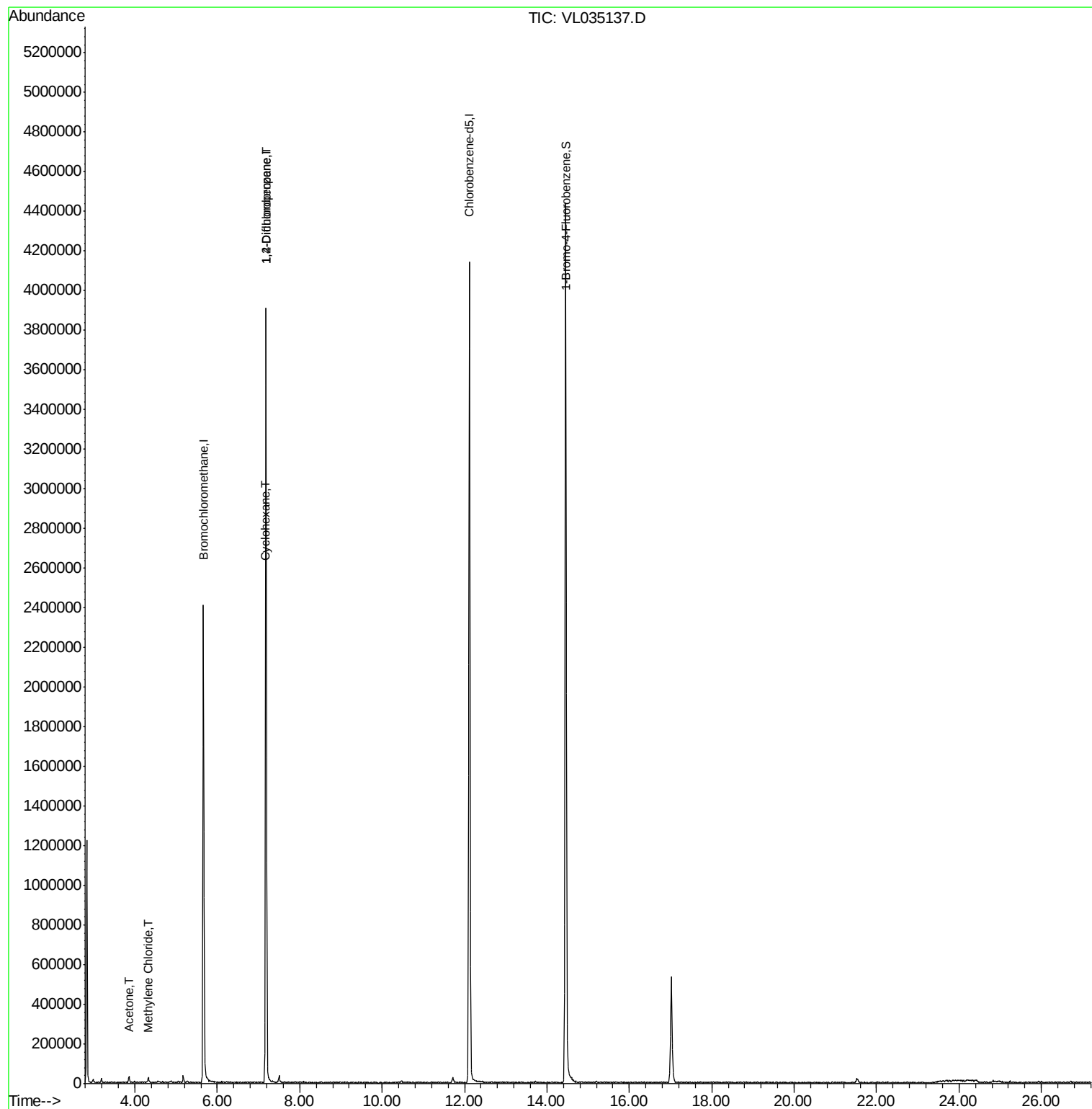
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	13756	0.101	ppbv #	48
20) Methylene Chloride	4.32	84	2553	0.046	ppbv #	71
30) Cyclohexane	7.16	84	2727	0.034	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	723300	8.985	ppbv #	24

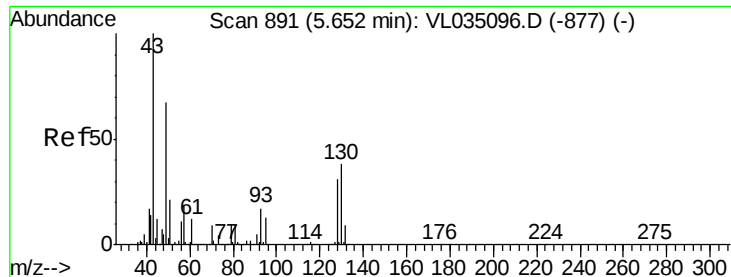
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL035137.D

Acq: 30 Jun 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

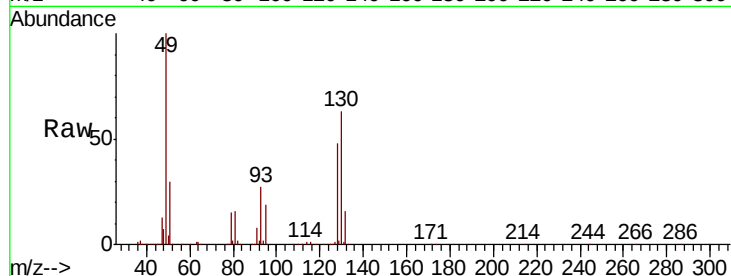
Tot Ion: 49 Resp: 1124429

Ion Ratio Lower Upper

49 100

128 47.6 22.9 68.5

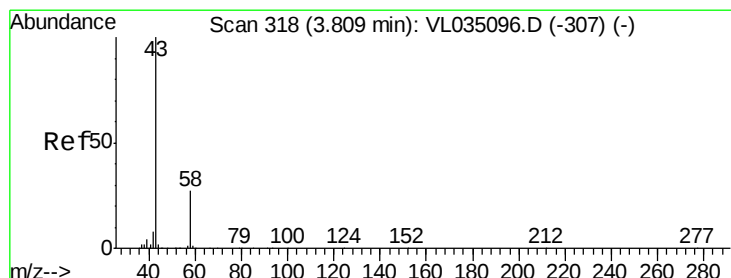
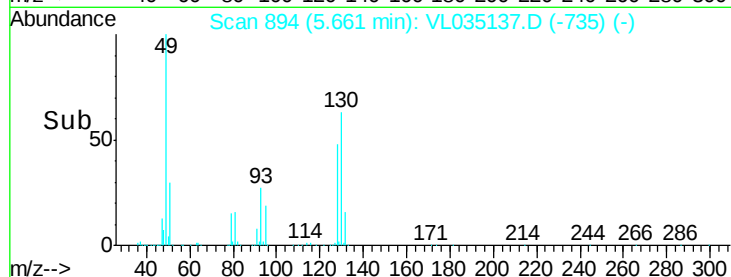
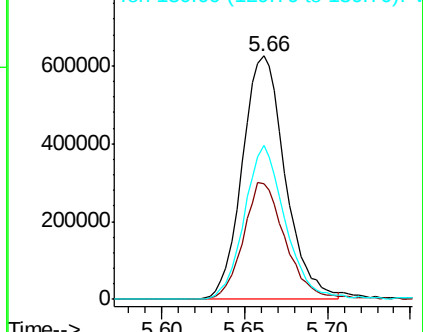
130 61.2 29.0 87.0



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



#15

Acetone

Concen: 0.101 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.04 min

Lab File: VL035137.D

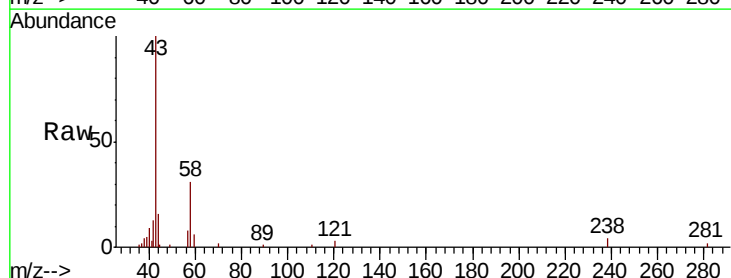
Acq: 30 Jun 2020 22:53

Tgt Ion: 43 Resp: 13756

Ion Ratio Lower Upper

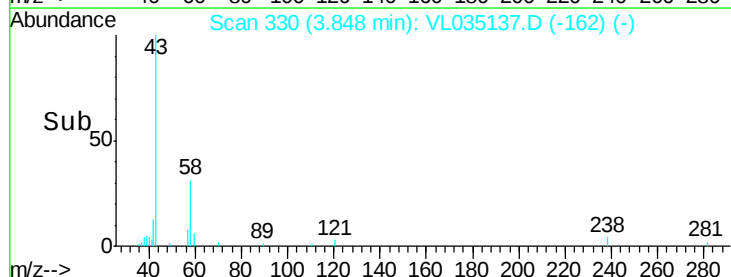
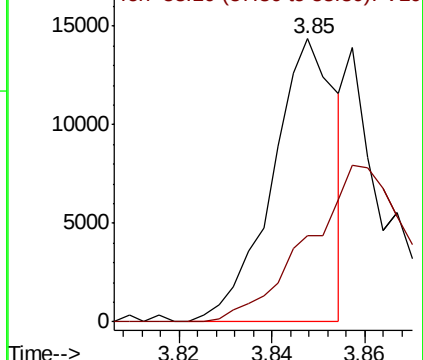
43 100

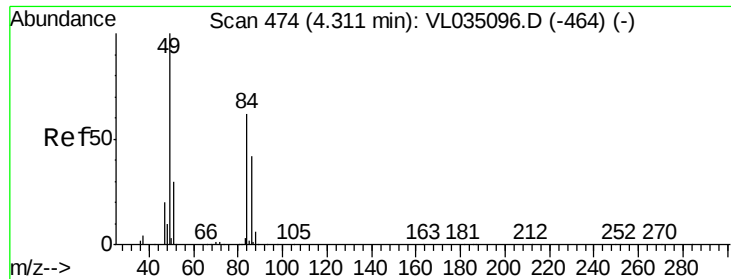
58 0.0 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

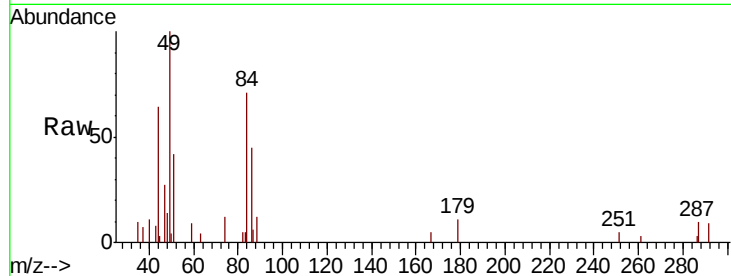




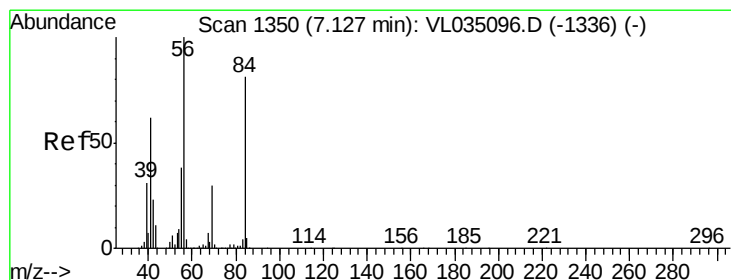
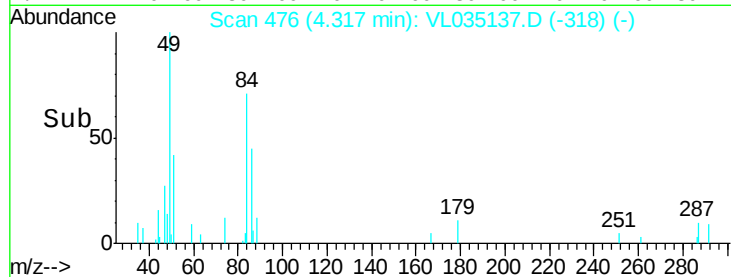
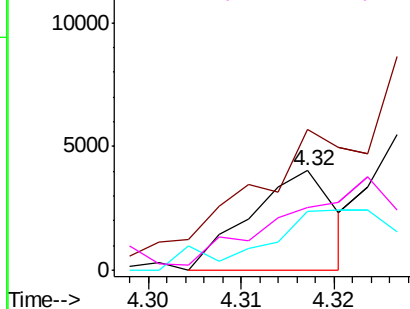
#20
Methylene Chloride
Concen: 0.046 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035137.D
Acq: 30 Jun 2020 22:53

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 2553
Ion Ratio Lower Upper
84 100
49 110.6 128.8 193.2#
51 34.9 38.7 58.1#
86 57.4 54.1 81.1

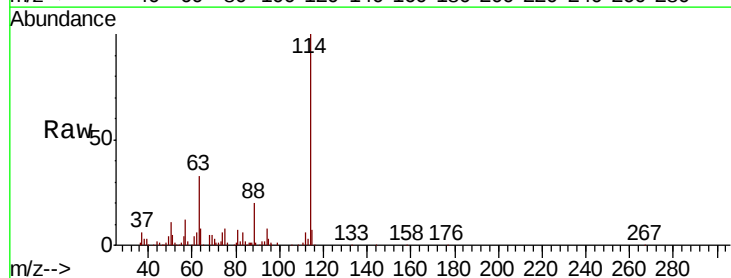


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

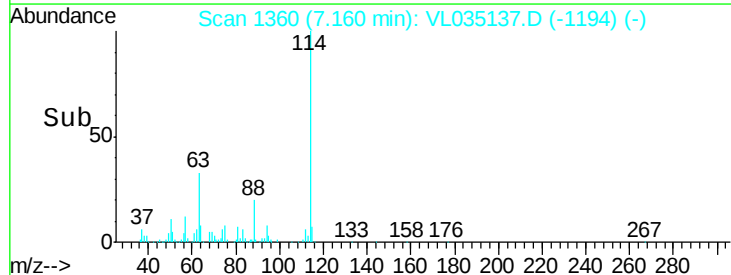
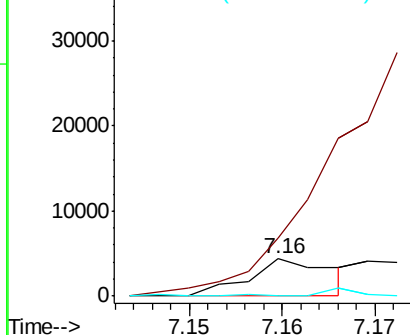


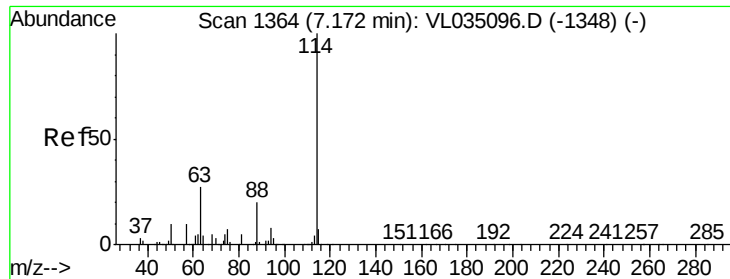
#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL035137.D
Acq: 30 Jun 2020 22:53

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
56 0.0 108.0 162.0#
41 0.0 65.6 98.4#



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



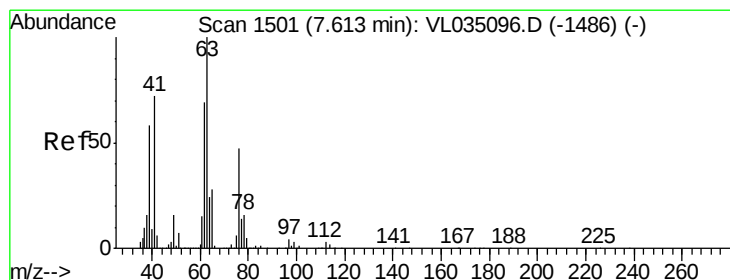
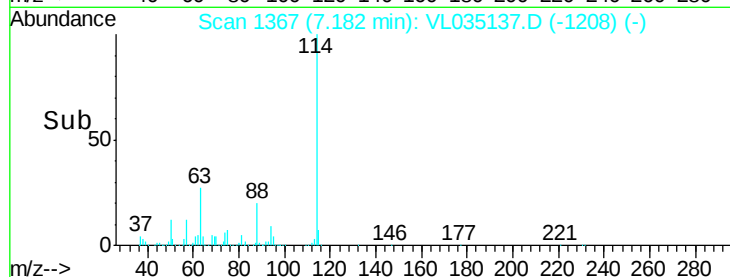
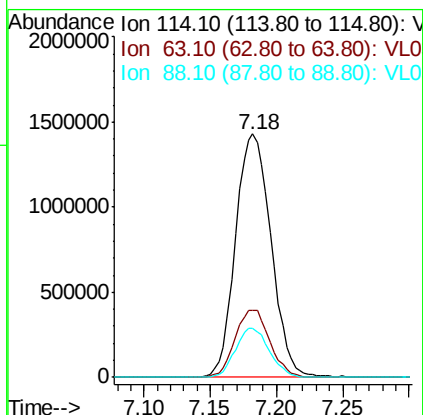
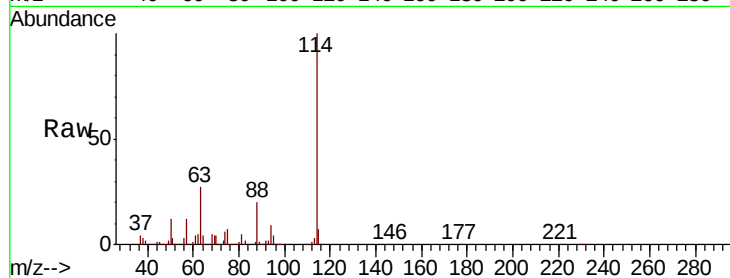


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035137.D
 Acq: 30 Jun 2020 22:53

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 2658135

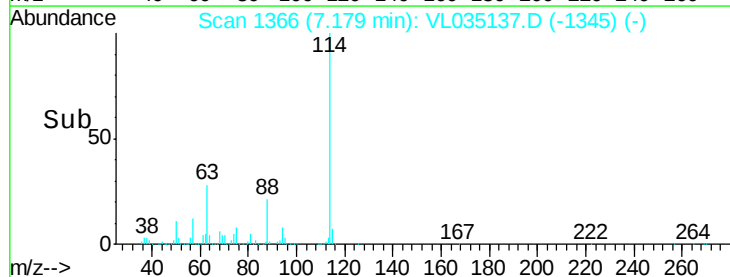
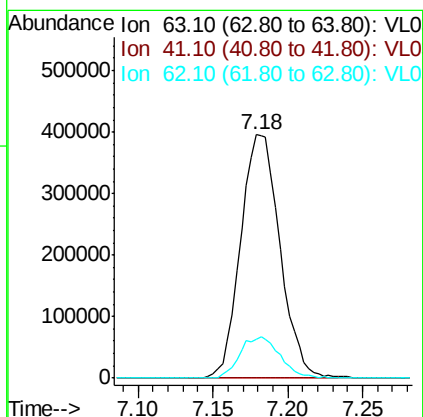
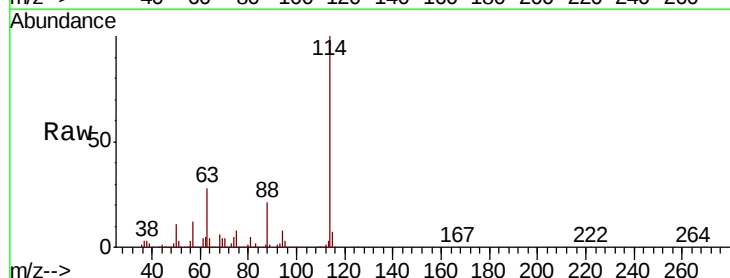
Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.6	15.6	23.4

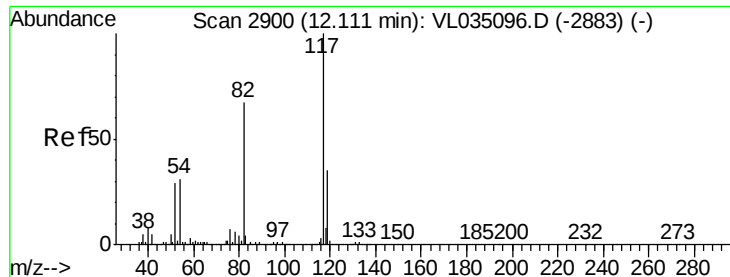


#39
 1,2-Dichloropropane
 Concen: 8.985 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.43 min
 Lab File: VL035137.D
 Acq: 30 Jun 2020 22:53

Tgt Ion: 63 Resp: 723300

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	15.9	55.4	83.0#

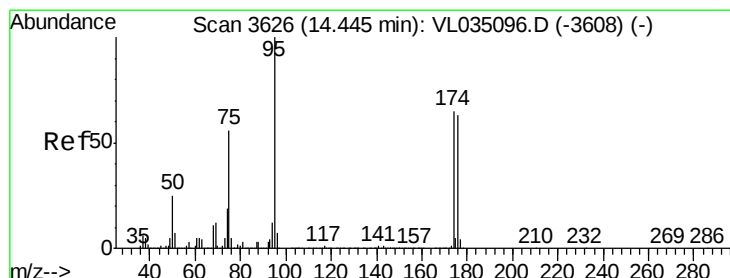
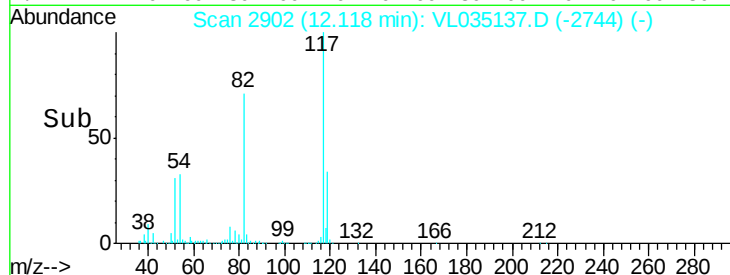
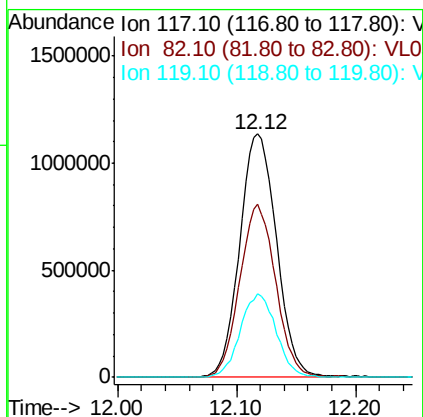
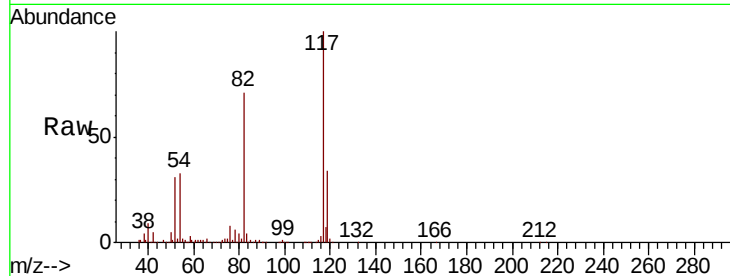




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035137.D
Acq: 30 Jun 2020 22:53

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2440259
Ion Ratio Lower Upper
117 100
82 69.5 50.4 75.6
119 33.7 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.390 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.01 min
Lab File: VL035137.D
Acq: 30 Jun 2020 22:53

Tgt Ion: 95 Resp: 2106118
Ion Ratio Lower Upper
95 100
174 65.0 52.2 78.2
175 4.8 4.0 6.0

