

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035124.D
 Acq On : 30 Jun 2020 14:17
 Operator : SY/AP
 Sample : OC060420 CAN 10060
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 02:57:07 2020
 Quant Method : Z:\VOASRV\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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1210859	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2853229	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2630616	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2231977	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

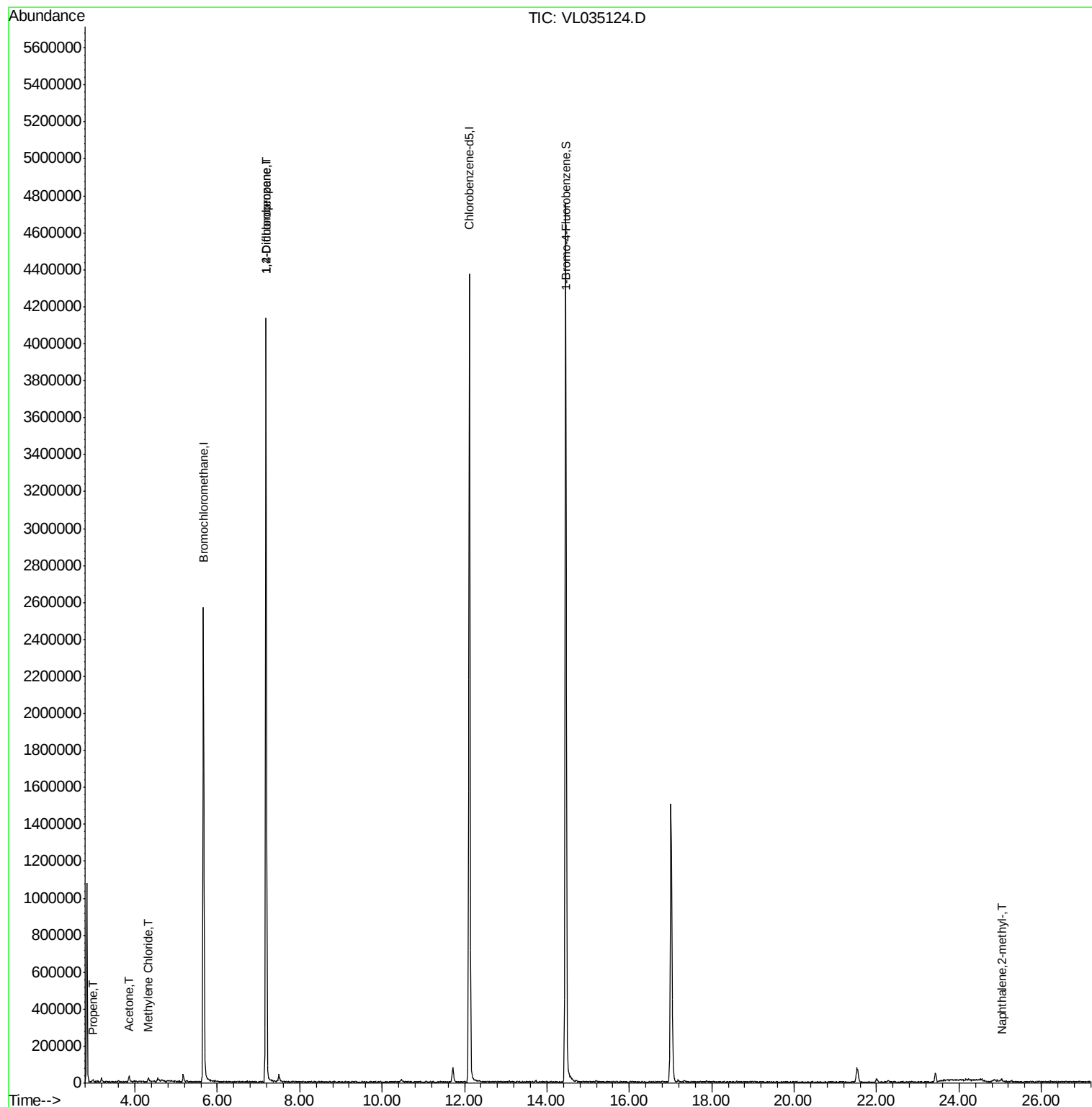
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	2401	0.045	ppbv	96
15) Acetone	3.86	43	24825	0.170	ppbv #	37
20) Methylene Chloride	4.32	84	2520	0.043	ppbv #	71
39) 1,2-Dichloropropane	7.18	63	773171	8.947	ppbv #	25
80) Naphthalene,2-methyl-	25.05	142	3906	0.038	ppbv #	75

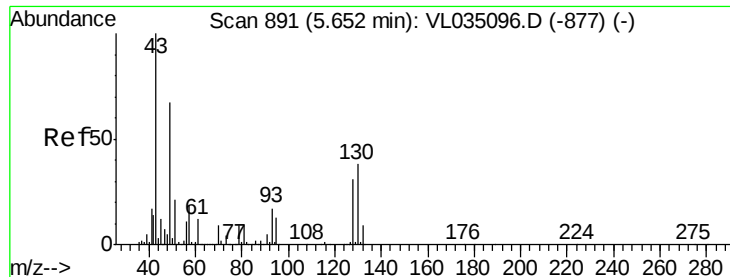
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL035124.D

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Instrument :

MSVOA_L

ClientSampleId :

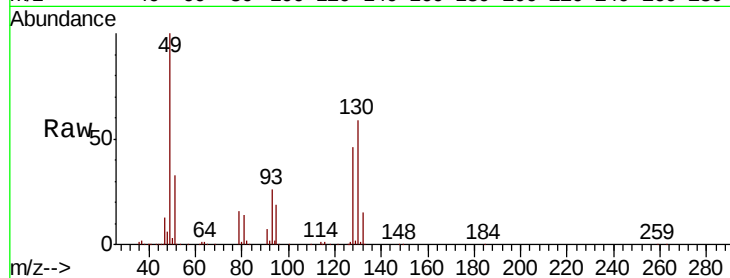
Tot Ion: 49 Resp: 1210859

Ion Ratio Lower Upper

49 100

128 48.5 22.9 68.5

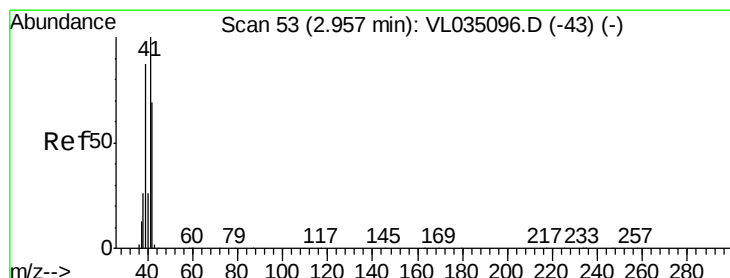
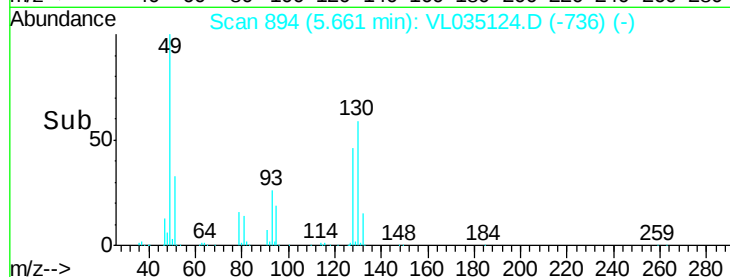
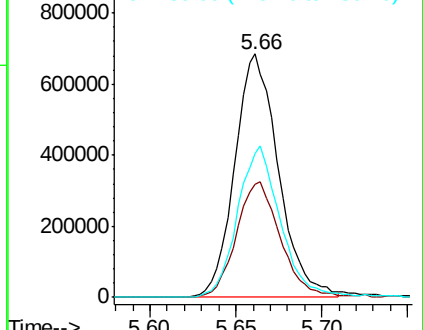
130 61.4 29.0 87.0



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



#9

Propene

Concen: 0.045 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.03 min

Lab File: VL035124.D

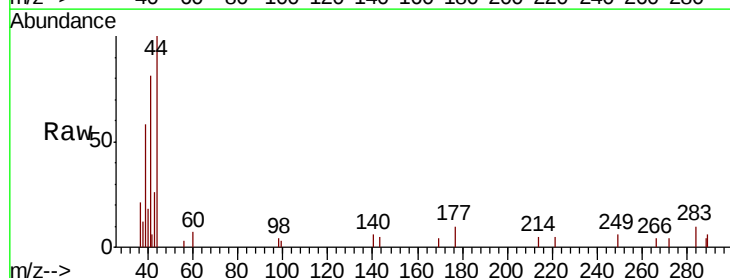
Acq: 30 Jun 2020 14:17

Tgt Ion: 41 Resp: 2401

Ion Ratio Lower Upper

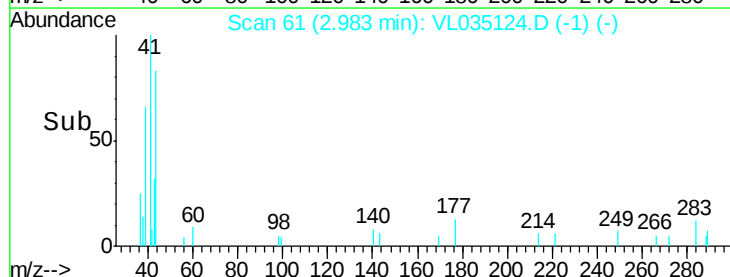
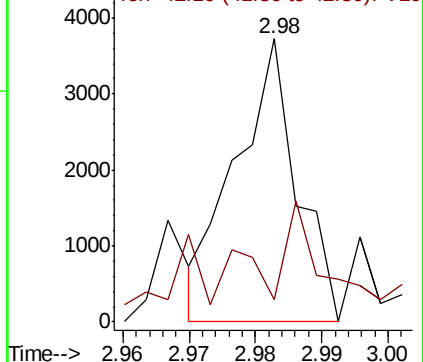
41 100

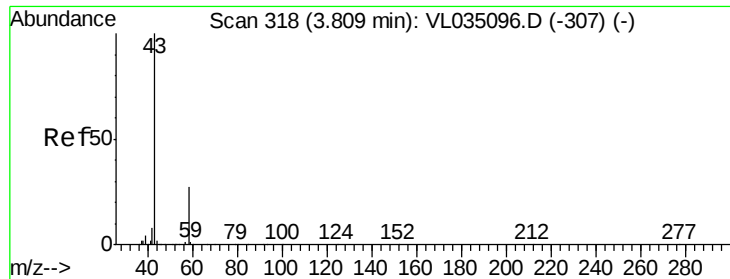
42 72.8 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

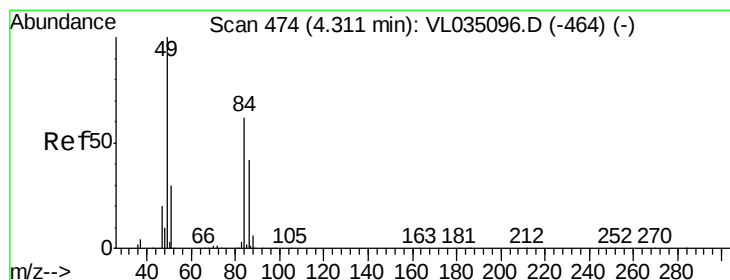
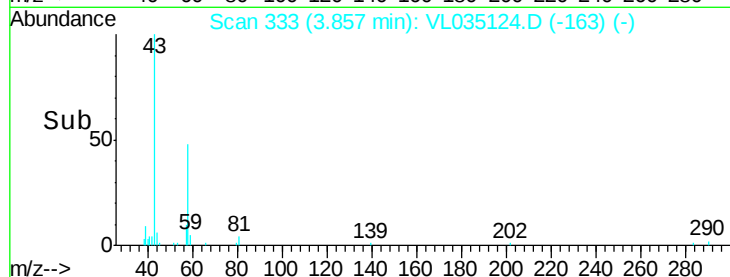
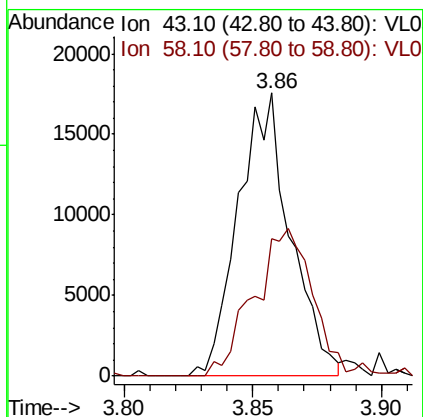
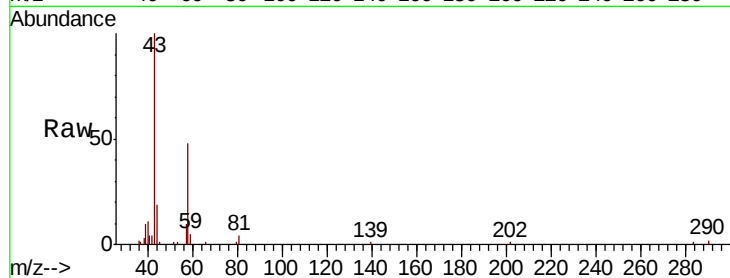




#15
Acetone
Concen: 0.170 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.05 min
Lab File: VL035124.D
Acq: 30 Jun 2020 14:17

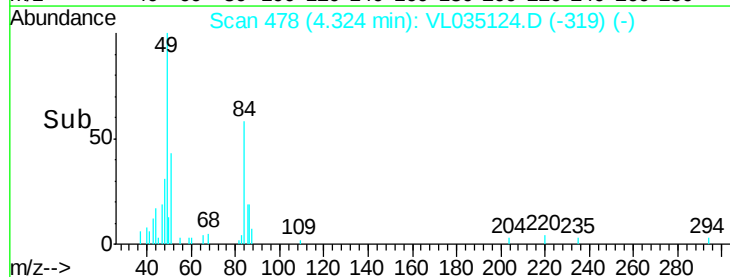
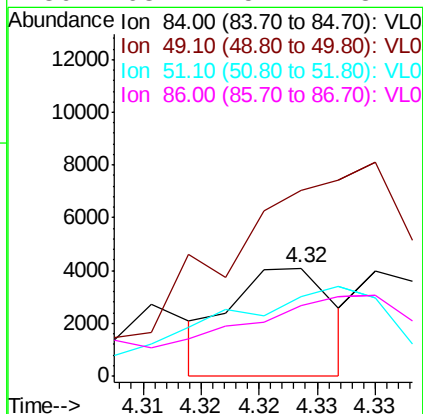
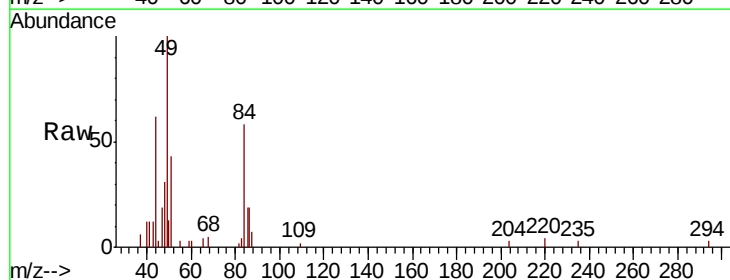
Instrument :
MSVOA_L
ClientSampleId :

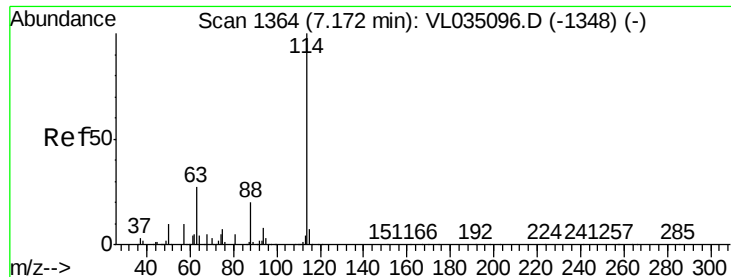
Tot Ion: 43 Resp: 24825
Ion Ratio Lower Upper
43 100
58 60.1 21.8 32.6#



#20
Methylene Chloride
Concen: 0.043 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035124.D
Acq: 30 Jun 2020 14:17

Tgt Ion: 84 Resp: 2520
Ion Ratio Lower Upper
84 100
49 103.2 128.8 193.2#
51 57.1 38.7 58.1
86 63.4 54.1 81.1

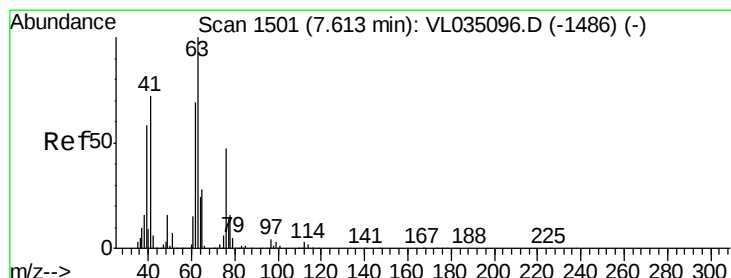
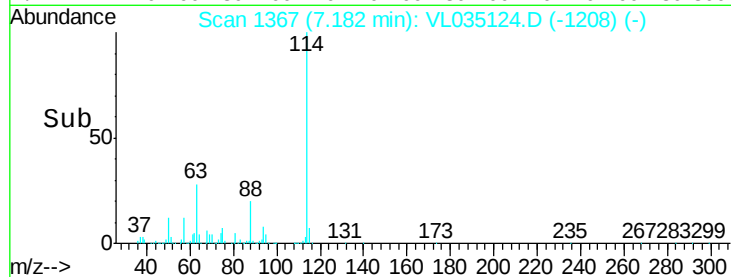
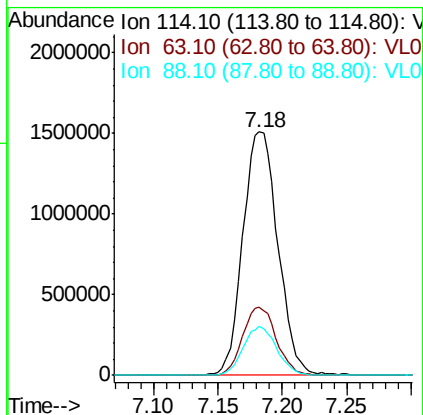
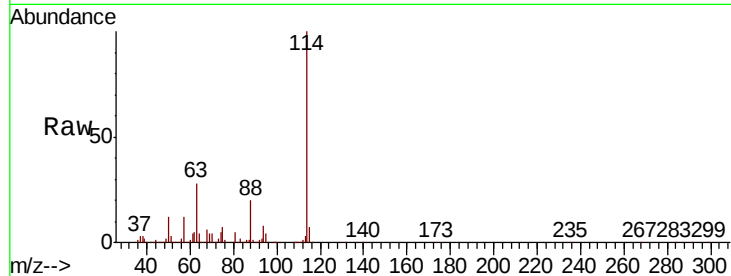




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035124.D
 Acq: 30 Jun 2020 14:17

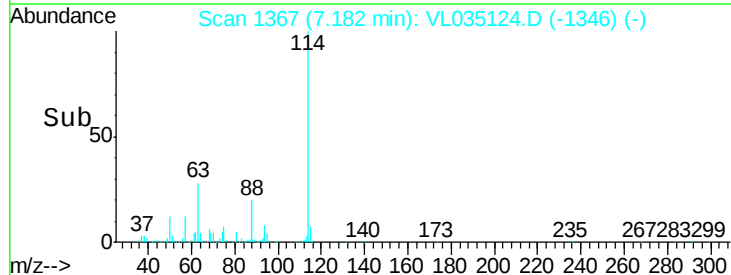
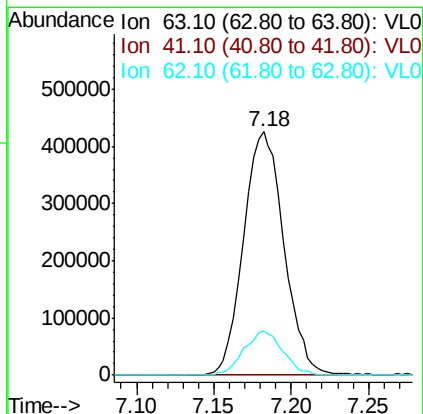
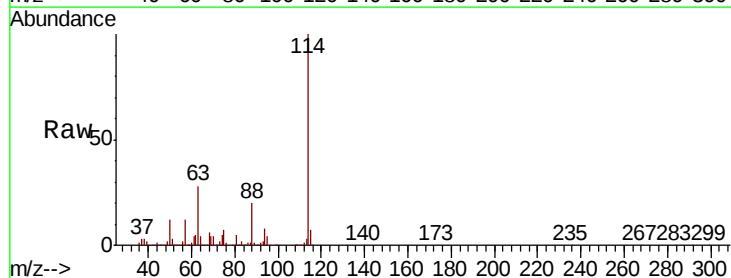
Instrument :
 MSVOA_L
 ClientSampleId :

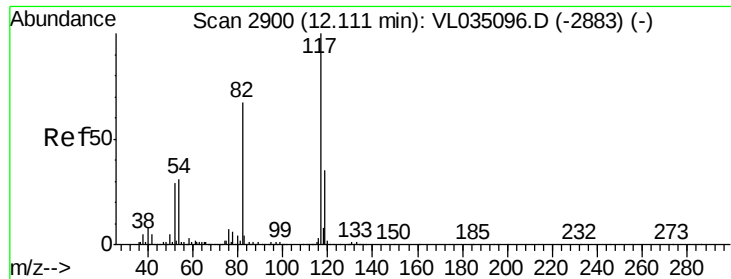
Tot Ion:114 Resp: 2853229
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.9 32.9
 88 19.4 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 8.947 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.43 min
 Lab File: VL035124.D
 Acq: 30 Jun 2020 14:17

Tgt Ion: 63 Resp: 773171
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.0 87.0#
 62 17.8 55.4 83.0#

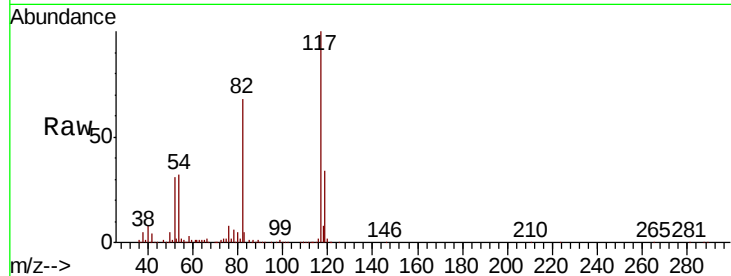




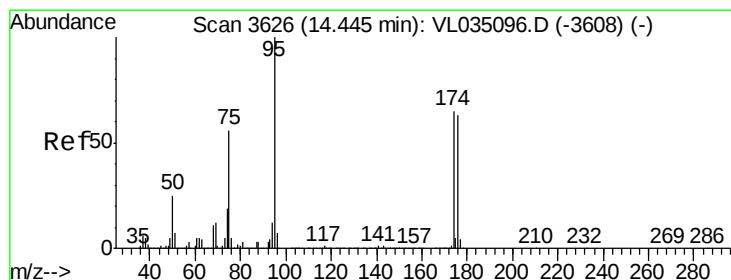
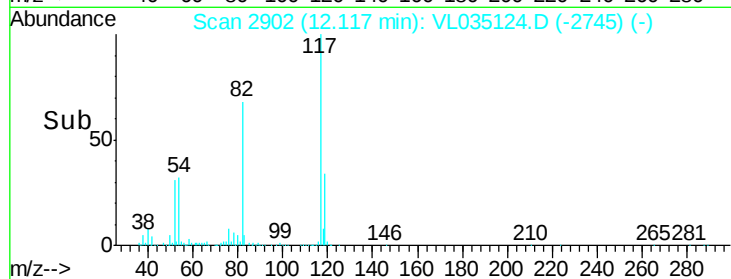
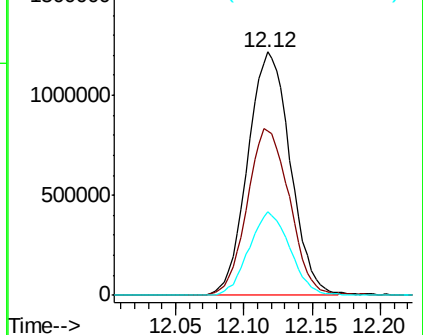
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035124.D
Acq: 30 Jun 2020 14:17

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2630616
Ion Ratio Lower Upper
117 100
82 68.7 50.4 75.6
119 33.3 25.4 38.0

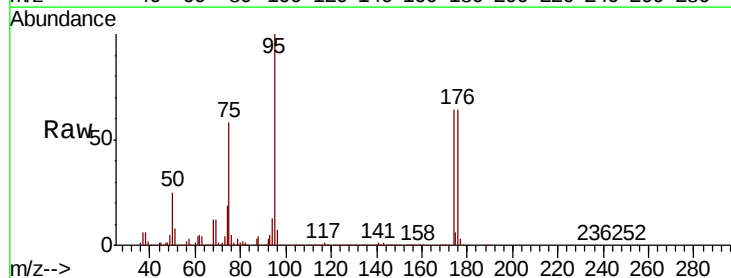


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

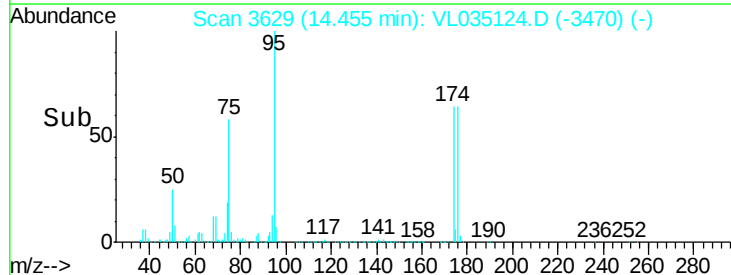
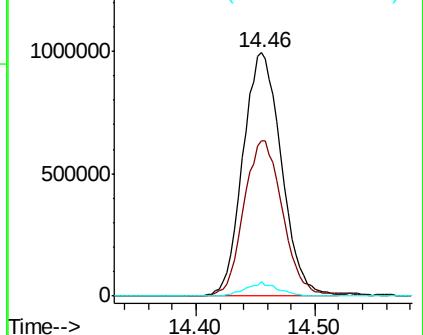


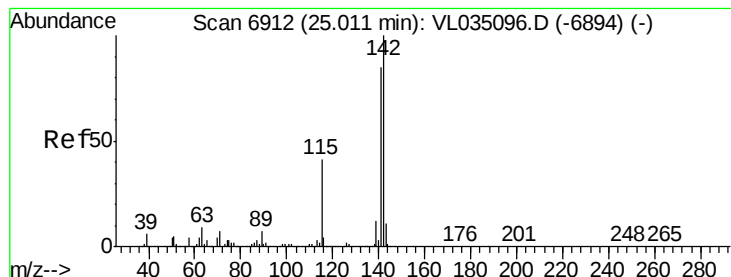
#68
1-Bromo-4-Fluorobenzene
Concen: 10.214 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.01 min
Lab File: VL035124.D
Acq: 30 Jun 2020 14:17

Tgt Ion: 95 Resp: 2231977
Ion Ratio Lower Upper
95 100
174 64.9 52.2 78.2
175 4.9 4.0 6.0



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

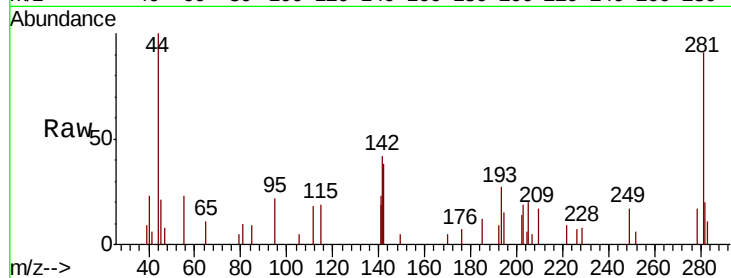




#80
 Naphthalene, 2-methyl-
 Concen: 0.038 ppbv
 RT: 25.05 min Scan# 6923
 Delta R.T. 0.04 min
 Lab File: VL035124.D
 Acq: 30 Jun 2020 14:17

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	60.5	67.5	101.3#
115	56.2	33.8	50.8#



Abundance Ion 142.00 (141.70 to 142.70): V
 Ion 141.00 (140.70 to 141.70): V
 Ion 115.00 (114.70 to 115.70): V

