

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035343.D
 Acq On : 6 Aug 2020 9:23
 Operator : SY/AP
 Sample : VL0805ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 07 06:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1260031	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3228058	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3150708	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2615709	9.96	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

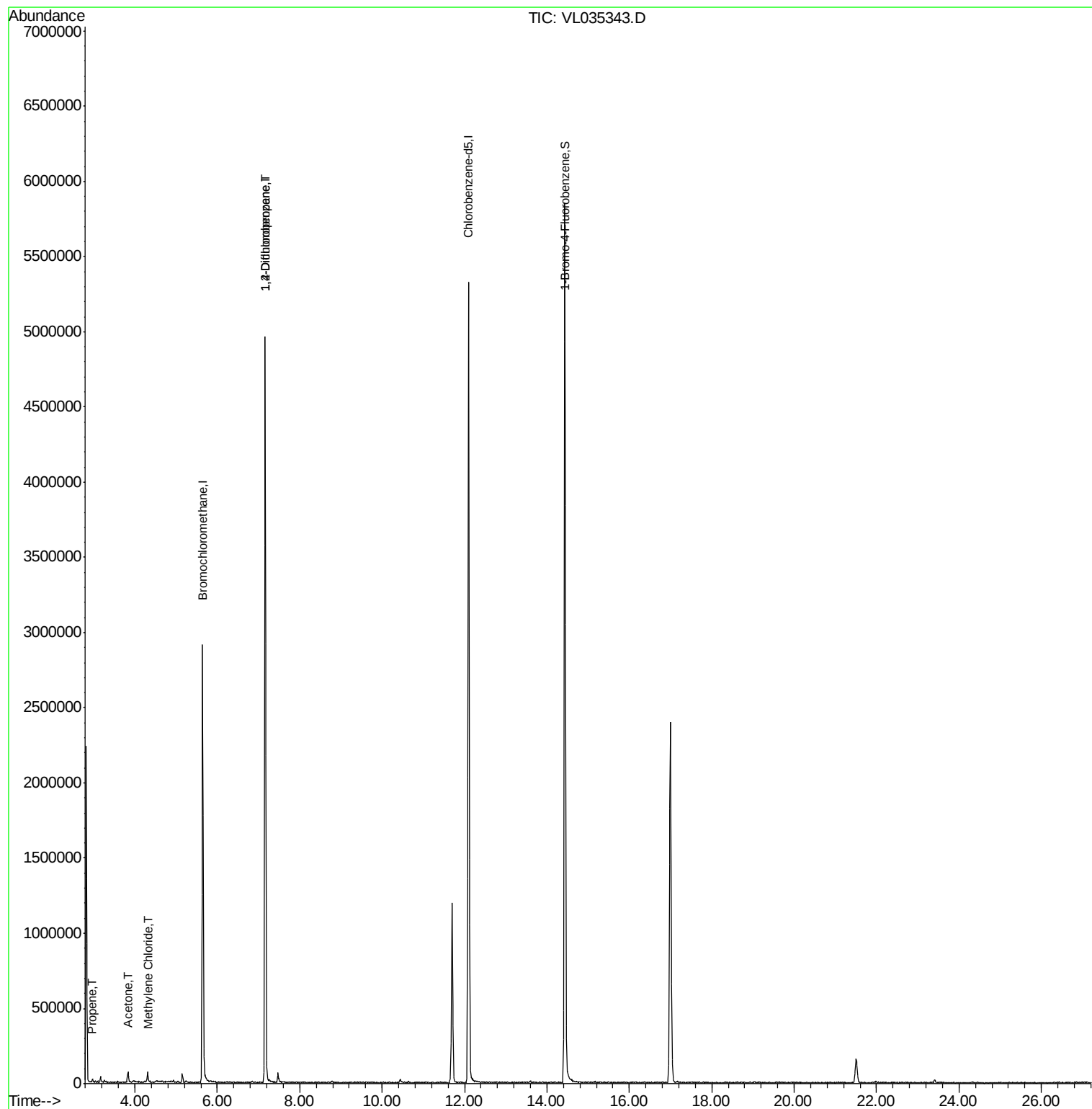
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	2235	0.044	ppbv #	15
15) Acetone	3.83	43	60677	0.339	ppbv #	56
20) Methylene Chloride	4.32	84	3247	0.044	ppbv	84
39) 1,2-Dichloropropane	7.16	63	861514	9.763	ppbv #	23

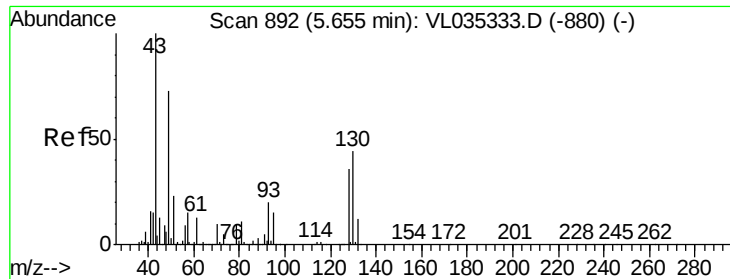
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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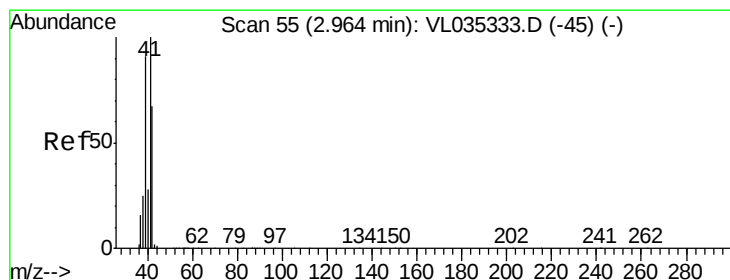
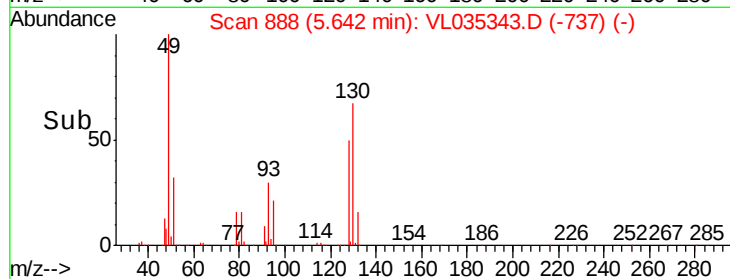
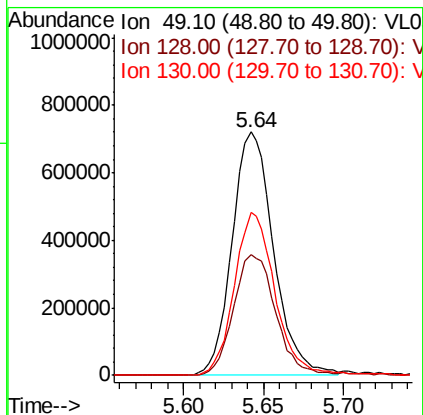
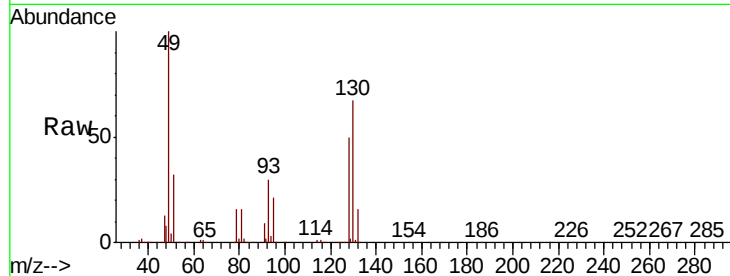




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: VL035343.D
 Acq: 6 Aug 2020 9:23

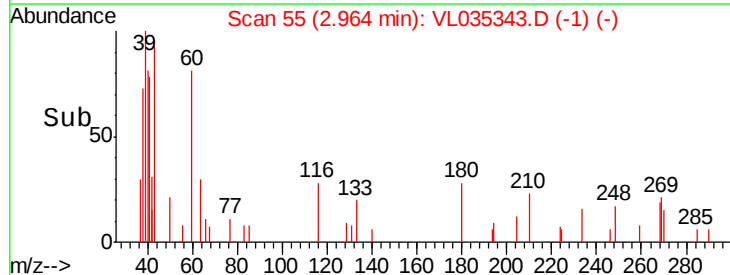
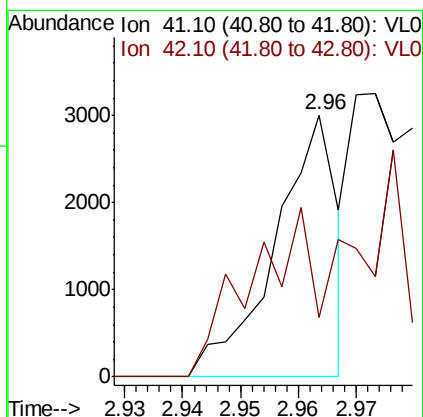
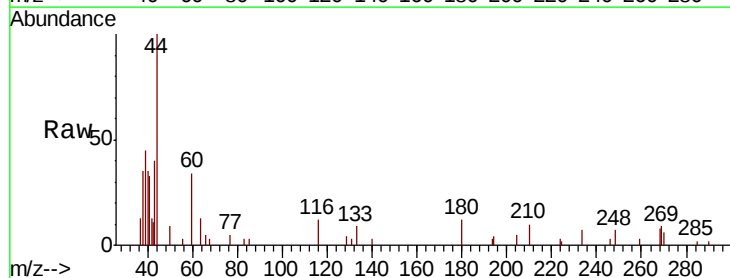
Instrument :
 MSVOA_L
 ClientSampleId :

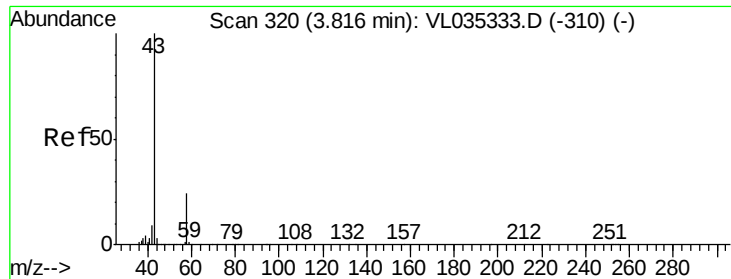
Tot Ion: 49 Resp: 1260031
 Ion Ratio Lower Upper
 49 100
 128 51.8 25.4 76.0
 130 66.7 32.1 96.3



#9
 Propene
 Concen: 0.044 ppbv
 RT: 2.96 min Scan# 55
 Delta R.T. -0.00 min
 Lab File: VL035343.D
 Acq: 6 Aug 2020 9:23

Tgt Ion: 41 Resp: 2235
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.3 82.9#

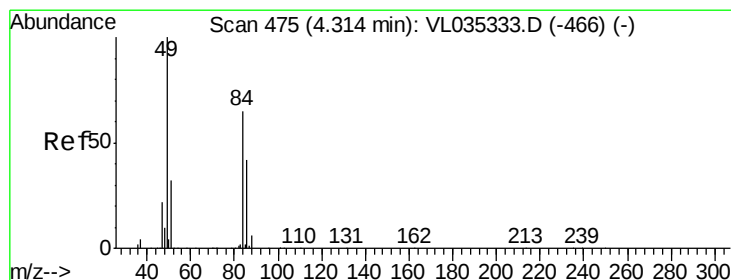
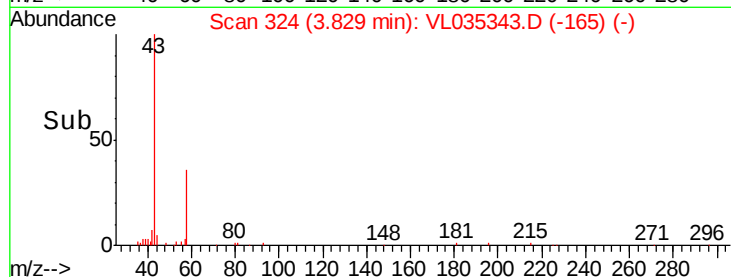
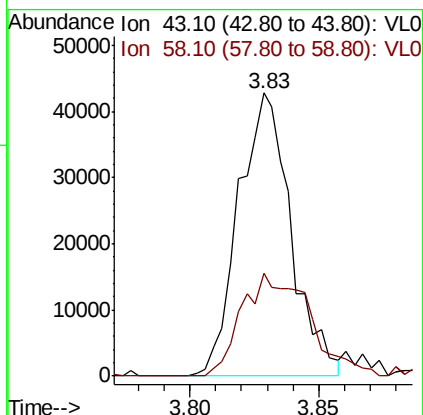
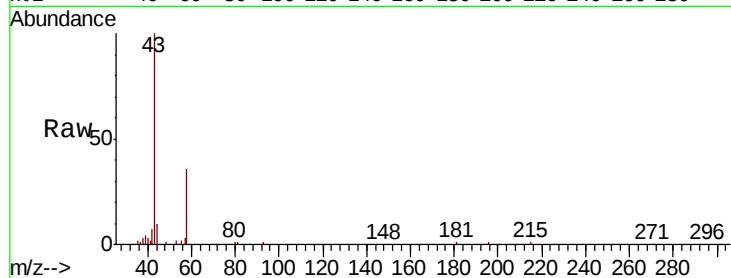




#15
Acetone
Concen: 0.339 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

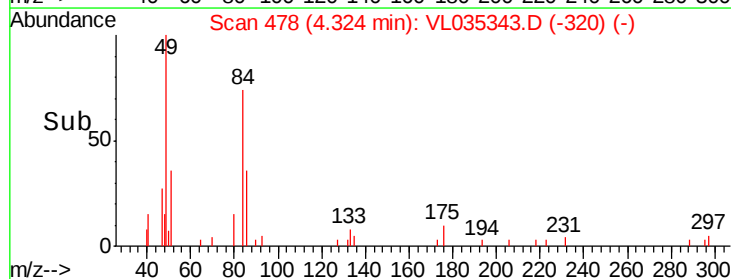
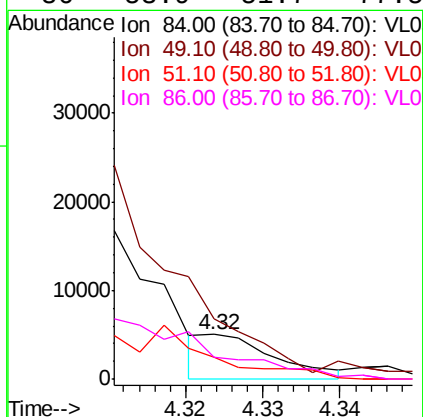
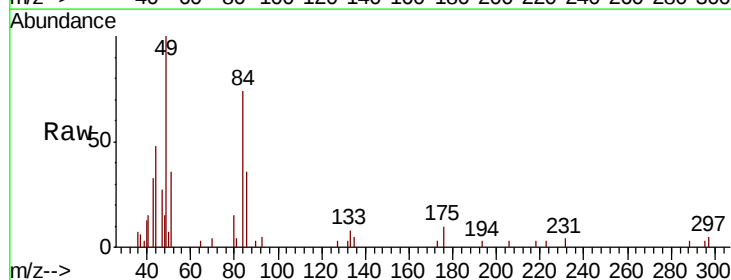
Instrument :
MSVOA_L
ClientSampleId :

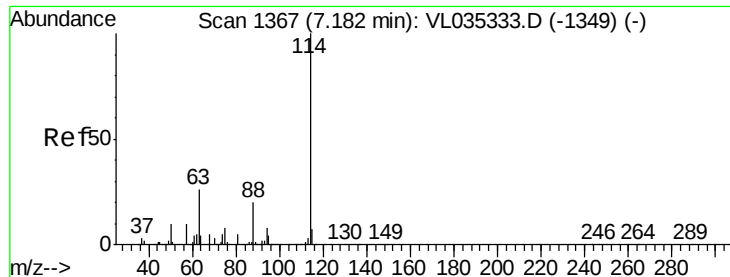
Tot Ion: 43 Resp: 60677
Ion Ratio Lower Upper
43 100
58 48.7 21.0 31.4#



#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tgt Ion: 84 Resp: 3247
Ion Ratio Lower Upper
84 100
49 128.8 122.8 184.2
51 56.1 40.1 60.1
86 53.9 51.7 77.5

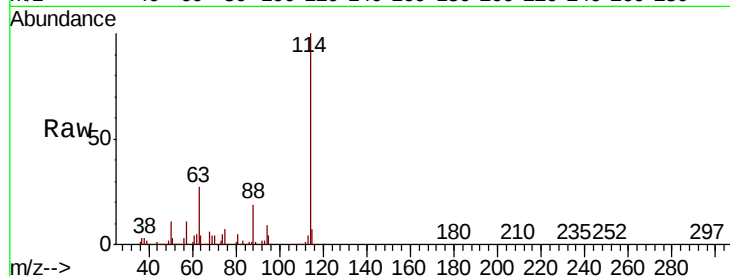




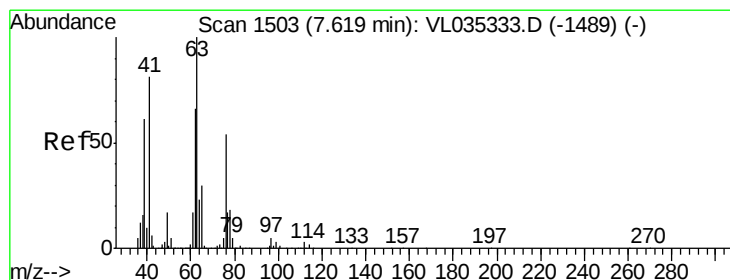
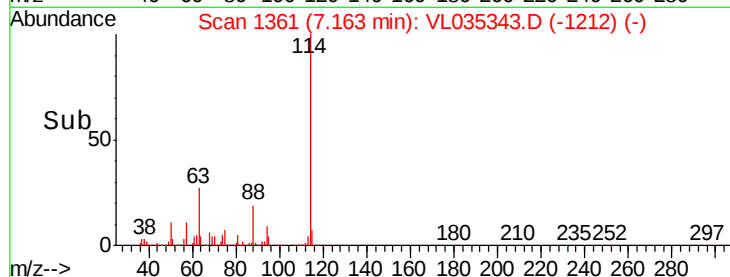
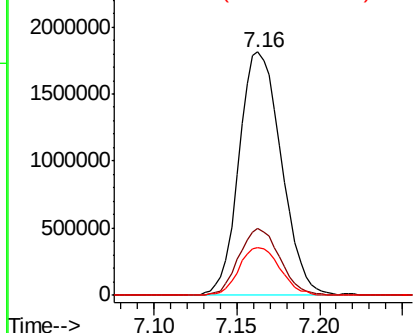
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: VL035343.D
 Acq: 6 Aug 2020 9:23

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3228058
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.3 31.9
 88 19.0 15.3 22.9

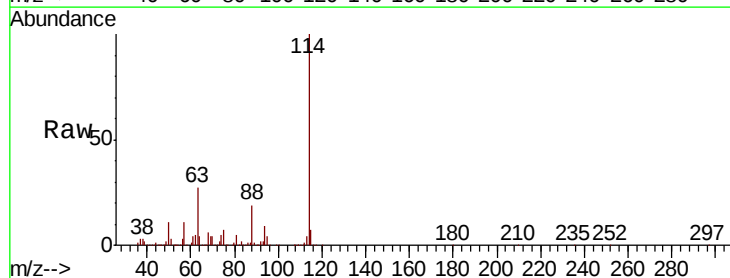


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

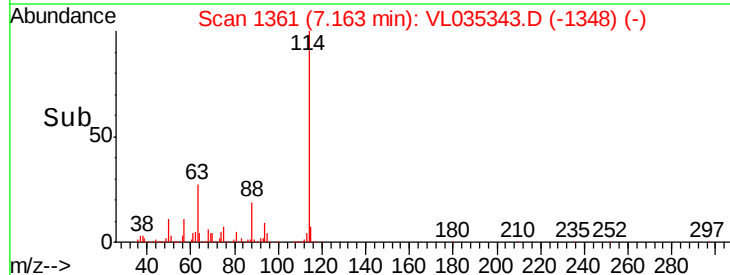
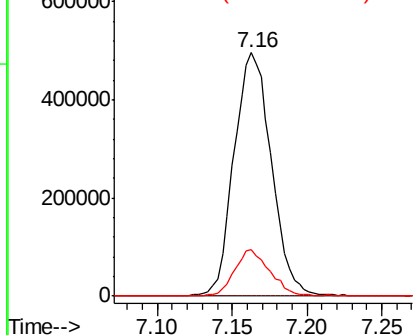


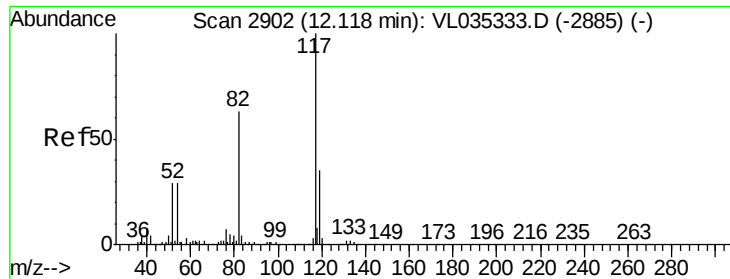
#39
 1,2-Dichloropropane
 Concen: 9.763 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035343.D
 Acq: 6 Aug 2020 9:23

Tgt Ion: 63 Resp: 861514
 Ion Ratio Lower Upper
 63 100
 41 0.1 64.4 96.6#
 62 18.9 52.6 78.8#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

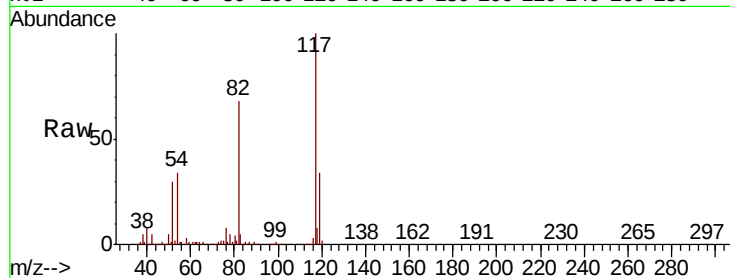




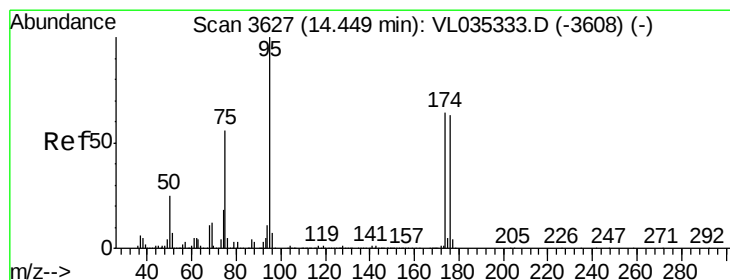
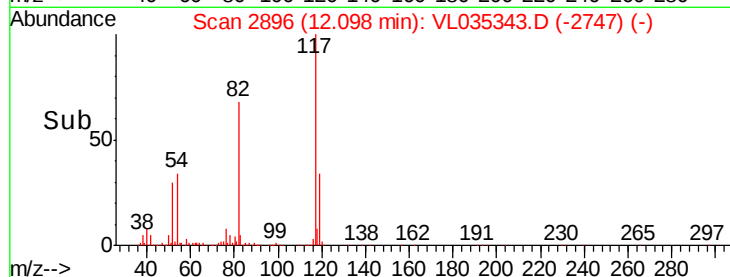
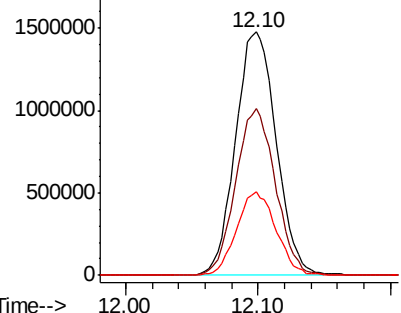
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3150708
Ion Ratio Lower Upper
117 100
82 67.4 51.0 76.4
119 33.4 24.7 37.1

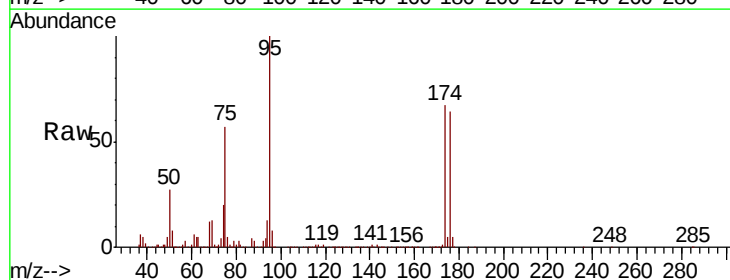


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.955 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035343.D
Acq: 6 Aug 2020 9:23

Tgt Ion: 95 Resp: 2615709
Ion Ratio Lower Upper
95 100
174 66.8 53.5 80.3
175 5.1 4.2 6.2



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

