

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036642.D
 Acq On : 2 Apr 2021 12:55
 Operator : SY/AP
 Sample : VL0402ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 02:55:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1432904	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3713256	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3258754	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2500424	9.63	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

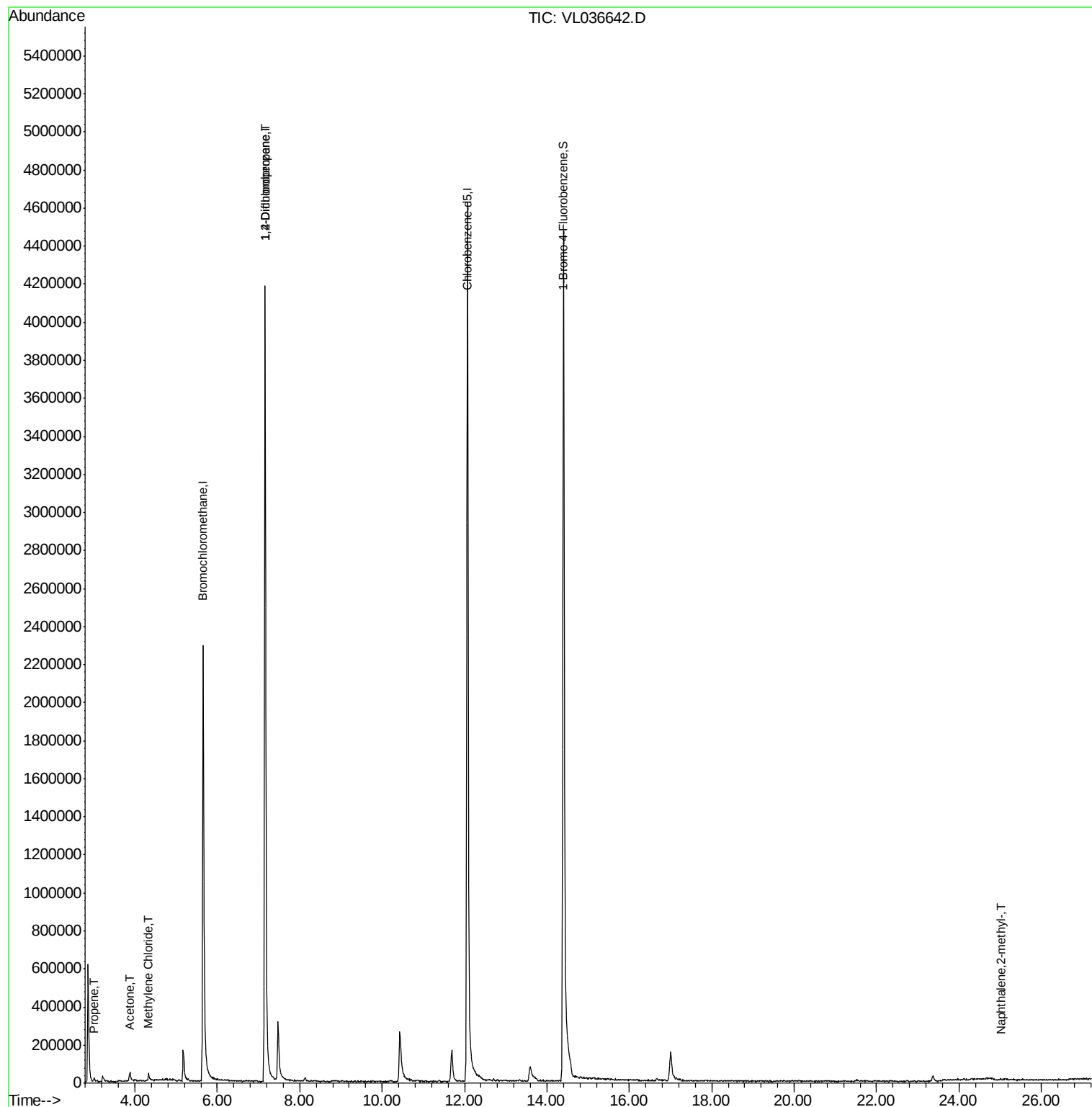
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	3382	0.040	ppbv #	48
15) Acetone	3.86	43	14180	0.101	ppbv #	48
20) Methylene Chloride	4.33	84	6595	0.100	ppbv #	88
39) 1,2-Dichloropropane	7.16	63	988708	7.117	ppbv #	24
80) Naphthalene,2-methyl-	25.03	142	3388	0.067	ppbv #	41

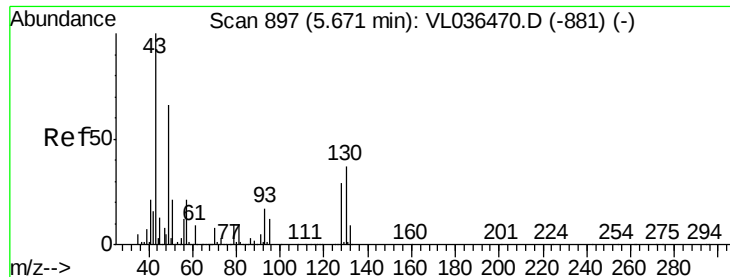
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036642.D

Acq: 2 Apr 2021 12:55

Instrument :

MSVOA_L

ClientSampleId :

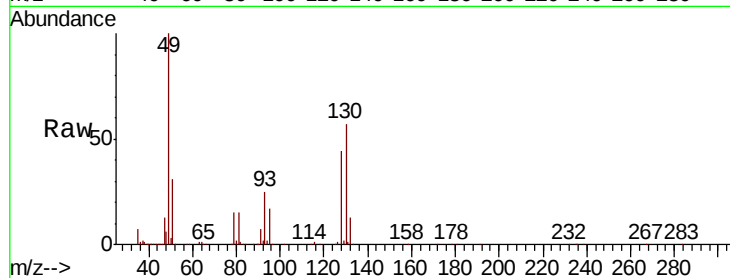
Tot Ion: 49 Resp: 1432904

Ion Ratio Lower Upper

49 100

128 48.2 23.5 70.6

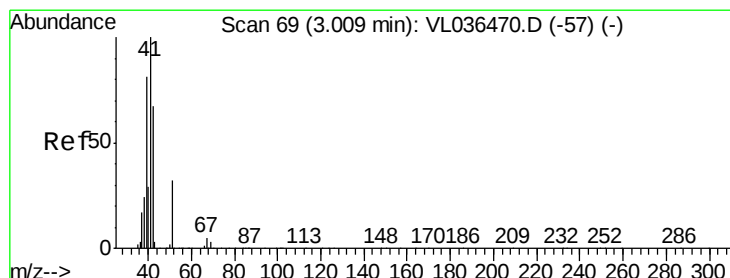
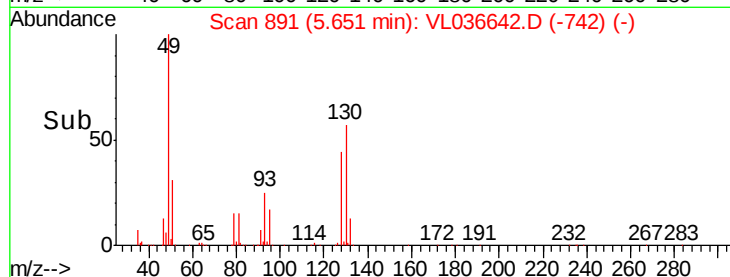
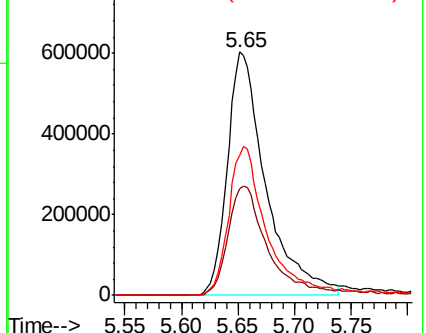
130 63.0 29.1 87.4



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: 0.040 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036642.D

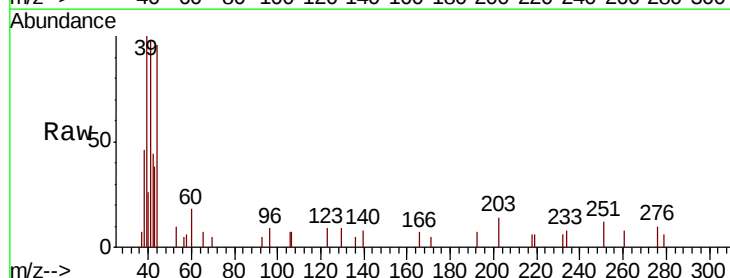
Acq: 2 Apr 2021 12:55

Tgt Ion: 41 Resp: 3382

Ion Ratio Lower Upper

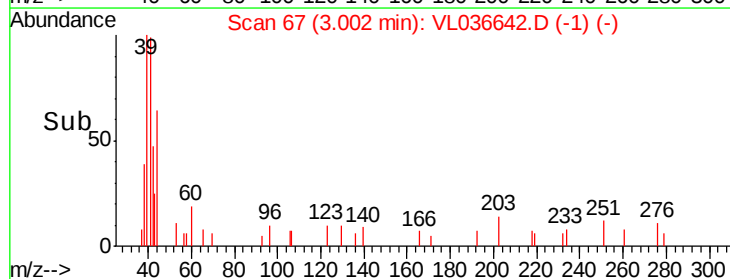
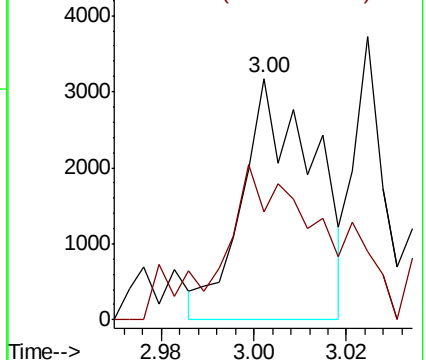
41 100

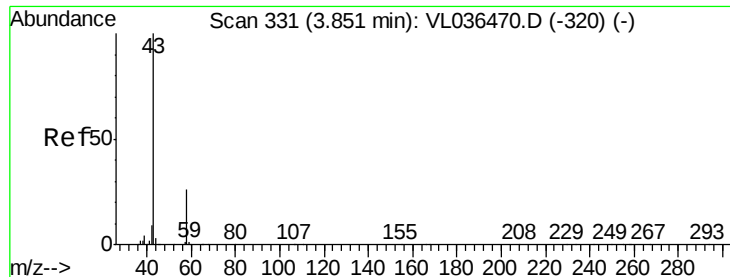
42 114.6 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.101 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036642.D

Acq: 2 Apr 2021 12:55

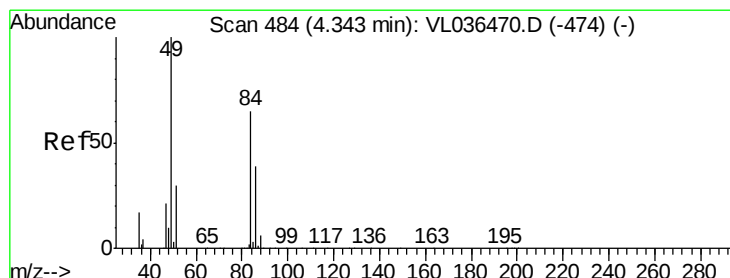
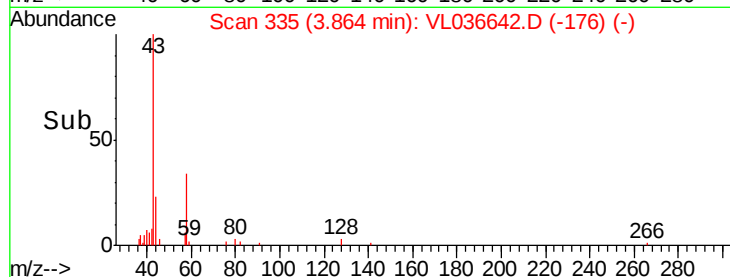
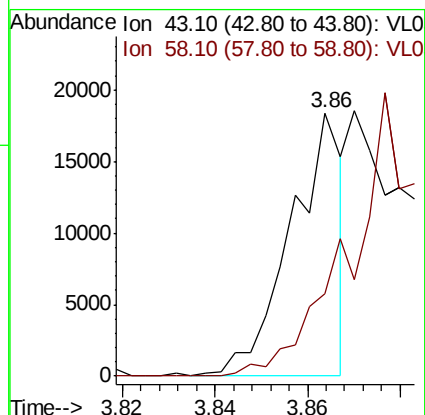
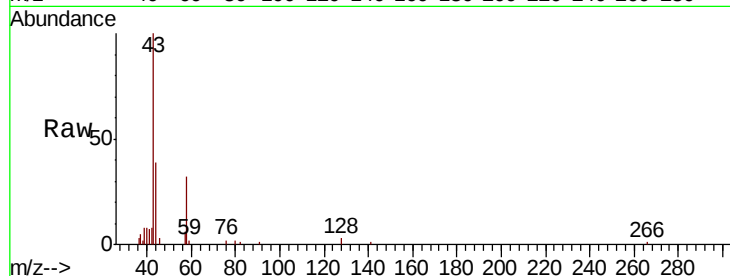
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 14180

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



#20

Methylene Chloride

Concen: 0.100 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL036642.D

Acq: 2 Apr 2021 12:55

Tgt Ion: 84 Resp: 6595

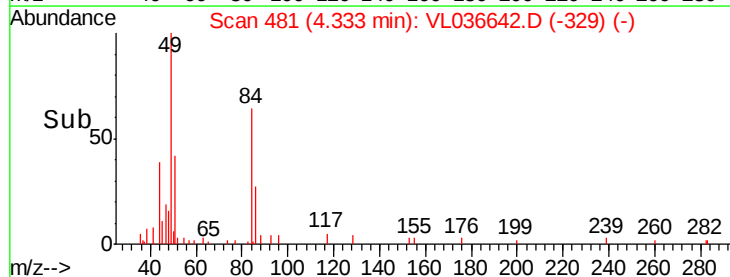
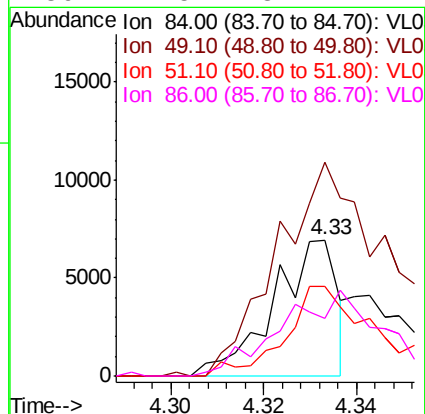
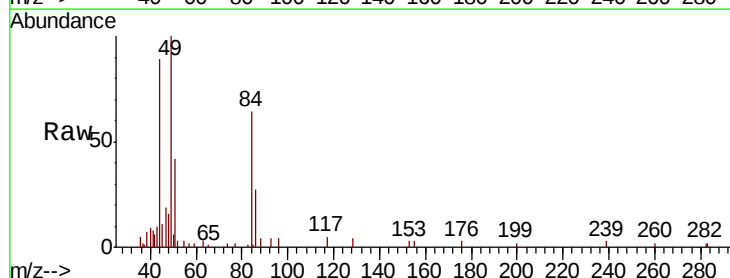
Ion Ratio Lower Upper

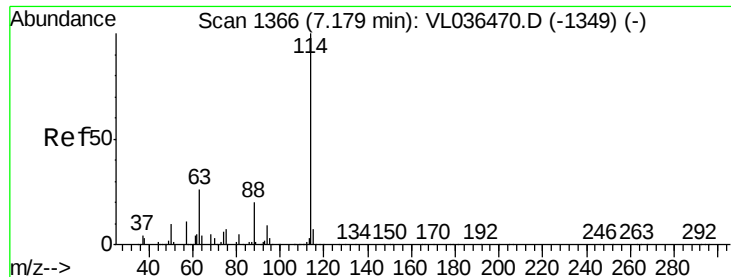
84 100

49 157.1 122.9 184.3

51 65.8 36.9 55.3#

86 42.5 48.2 72.4#

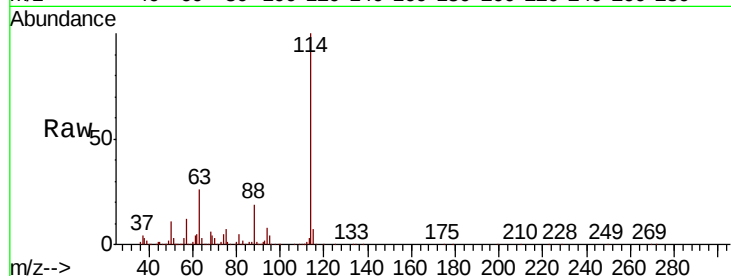




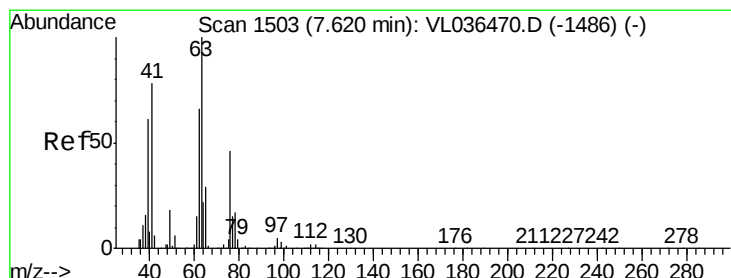
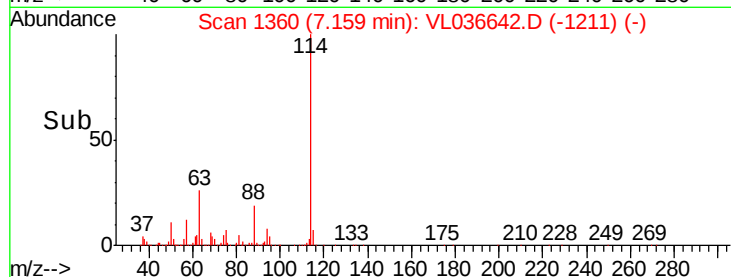
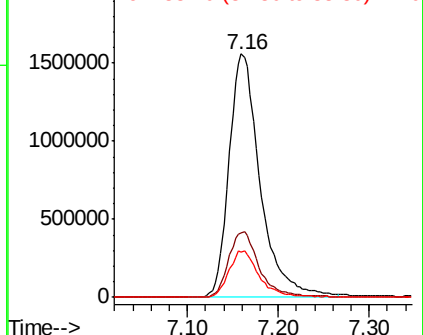
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL036642.D
 Acq: 2 Apr 2021 12:55

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3713256
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.4 33.6
 88 18.9 15.4 23.0

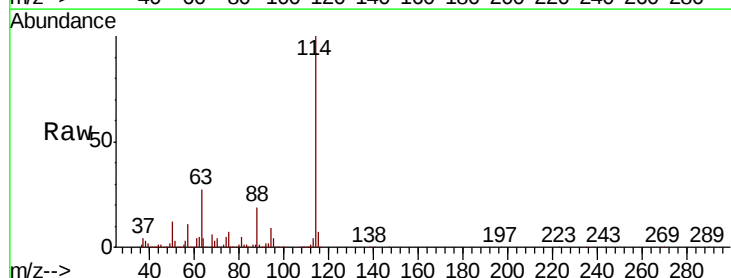


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

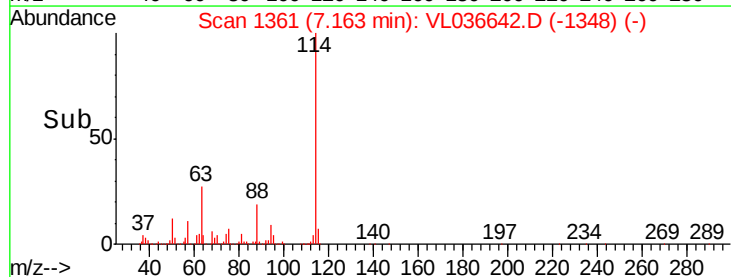
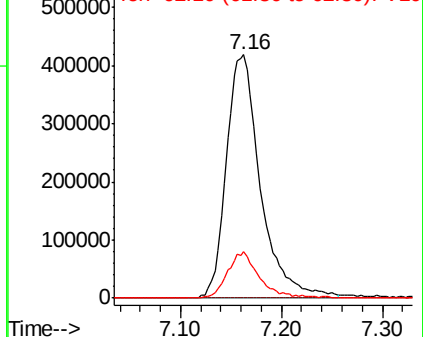


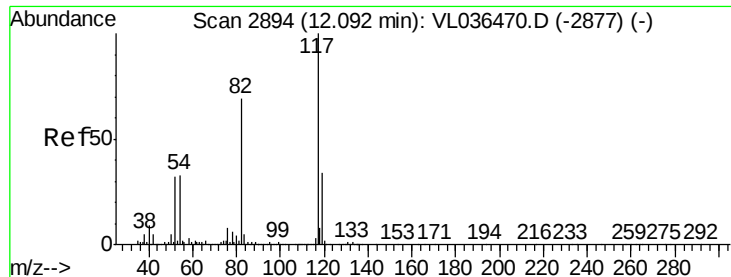
#39
 1,2-Dichloropropane
 Concen: 7.117 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL036642.D
 Acq: 2 Apr 2021 12:55

Tgt Ion: 63 Resp: 988708
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.4 93.6#
 62 19.1 52.8 79.2#



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

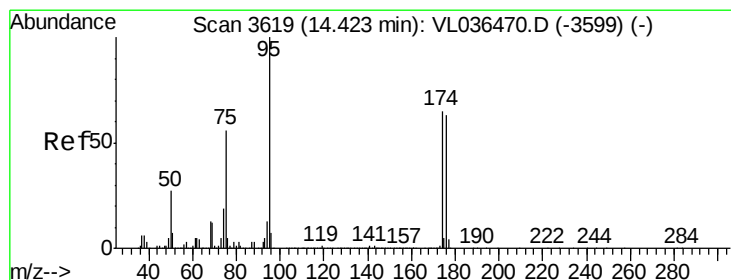
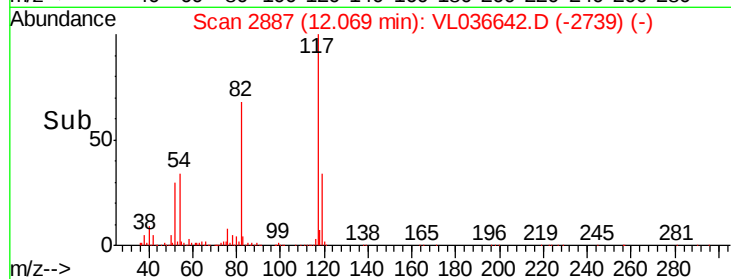
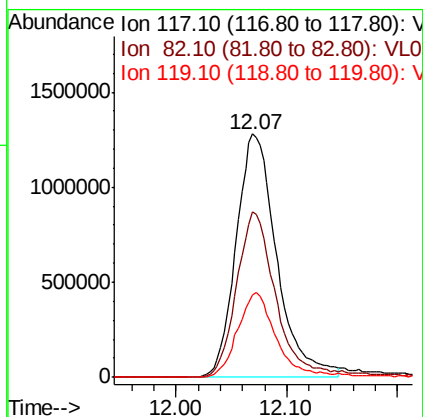
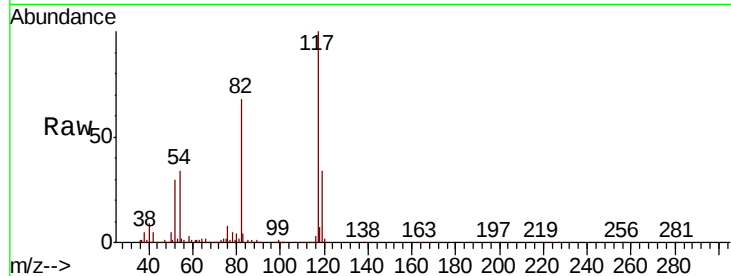




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL036642.D
Acq: 2 Apr 2021 12:55

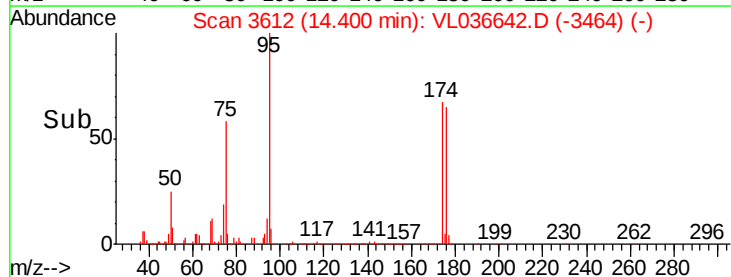
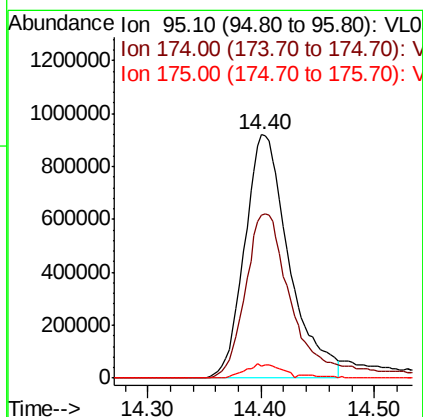
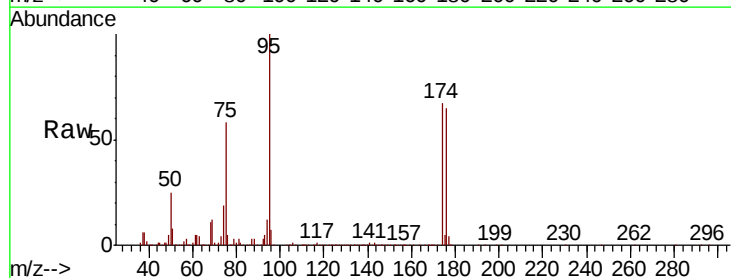
Instrument :
MSVOA_L
ClientSampleId :

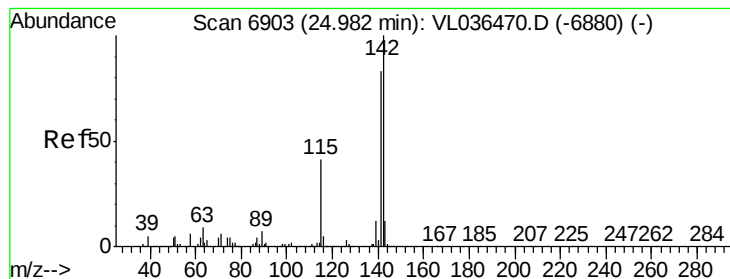
Tot Ion:117 Resp: 3258754
Ion Ratio Lower Upper
117 100
82 68.1 57.4 86.0
119 34.3 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.627 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL036642.D
Acq: 2 Apr 2021 12:55

Tgt Ion: 95 Resp: 2500424
Ion Ratio Lower Upper
95 100
174 75.4 51.0 76.6
175 5.6 3.9 5.9





#80

Naphthalene,2-methyl-

Concen: 0.067 ppbv

RT: 25.03 min Scan# 6917

Delta R.T. 0.04 min

Lab File: VL036642.D

Acq: 2 Apr 2021 12:55

Instrument :

MSVOA_L

ClientSampleId :

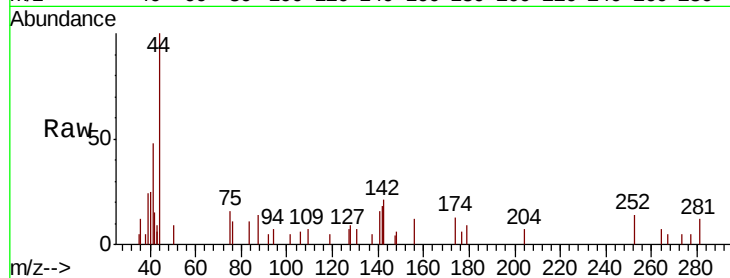
Tot Ion:142 Resp: 3388

Ion Ratio Lower Upper

142 100

141 23.8 67.8 101.8#

115 15.9 34.0 51.0#



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

