

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036020.D
 Acq On : 25 Nov 2020 8:02
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 26 01:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1250404	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4475233	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4109975	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3120852	10.69	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

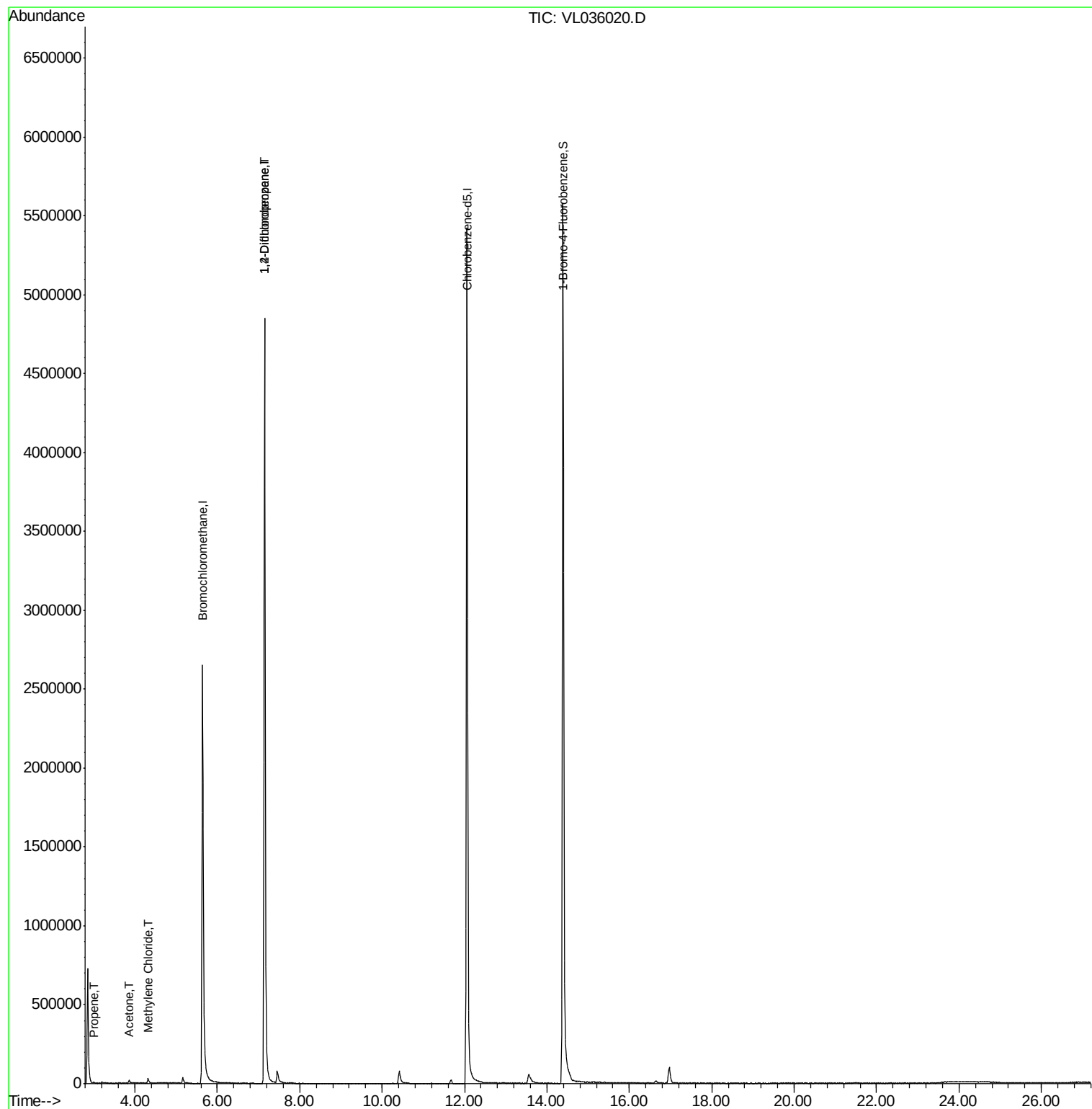
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2743	0.050	ppbv	95
15) Acetone	3.85	43	15393	0.115	ppbv #	1
20) Methylene Chloride	4.32	84	12039	0.128	ppbv	87
39) 1,2-Dichloropropane	7.14	63	911995	8.142	ppbv #	30

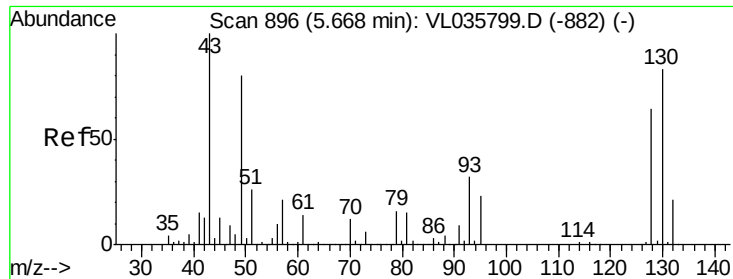
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036020.D

Acq: 25 Nov 2020 8:02

Instrument :

MSVOA_L

ClientSampleId :

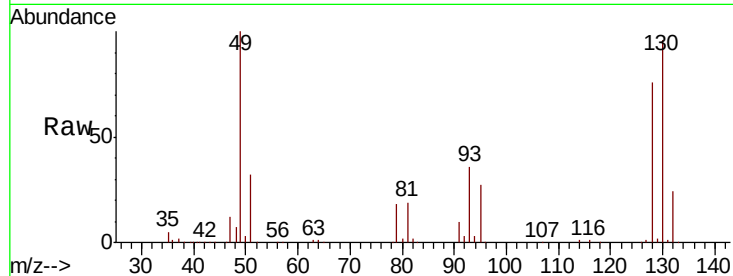
Tot Ion: 49 Resp: 1250404

Ion Ratio Lower Upper

49 100

128 79.0 41.5 124.6

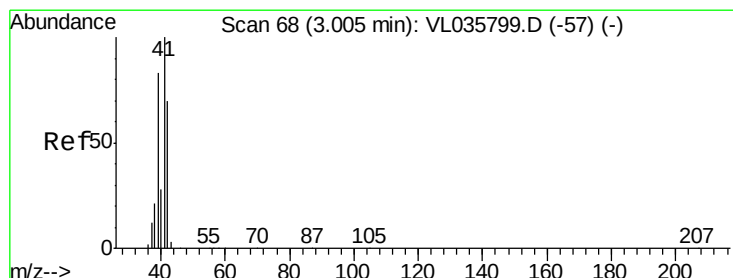
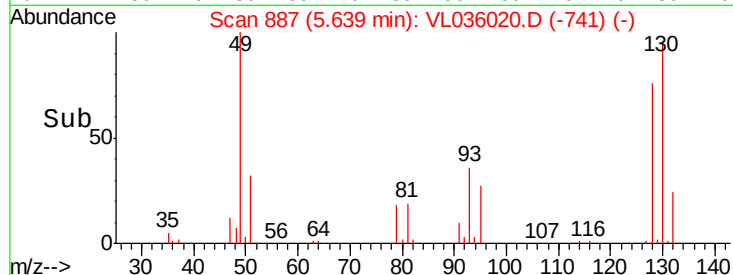
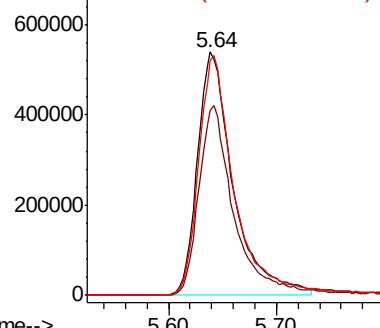
130 101.6 53.7 161.1



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



#9

Propene

Concen: 0.050 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036020.D

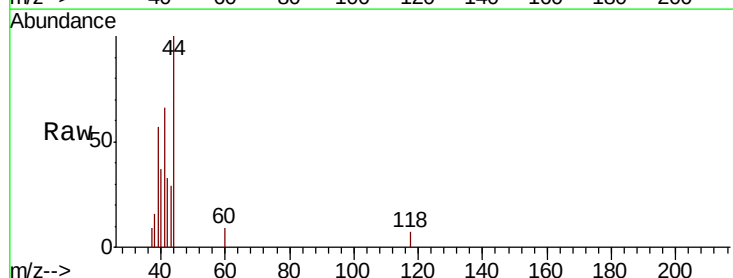
Acq: 25 Nov 2020 8:02

Tgt Ion: 41 Resp: 2743

Ion Ratio Lower Upper

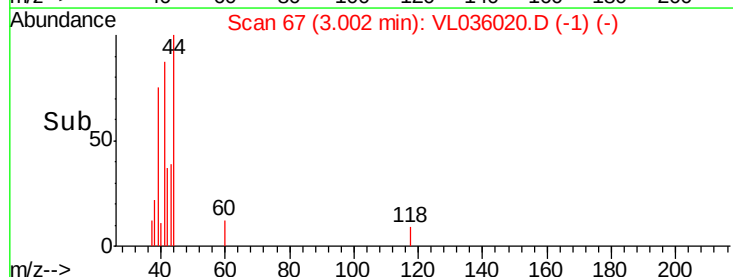
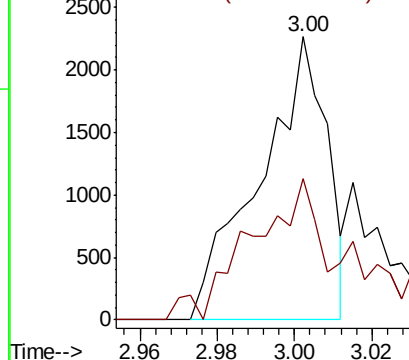
41 100

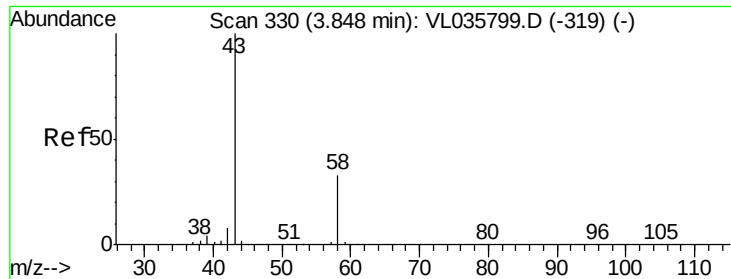
42 74.3 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.115 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL036020.D

Acq: 25 Nov 2020 8:02

Instrument :

MSVOA_L

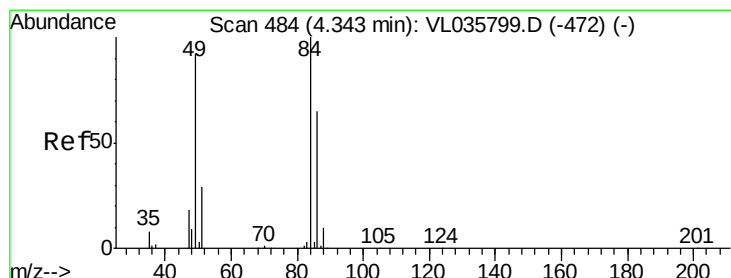
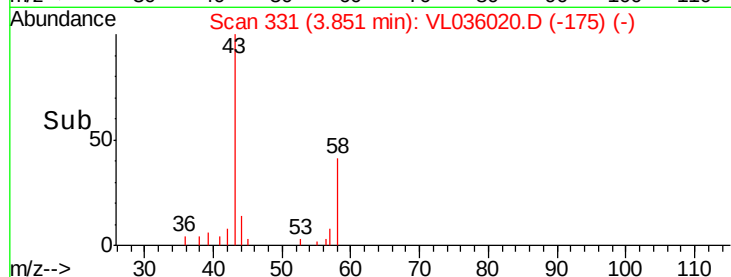
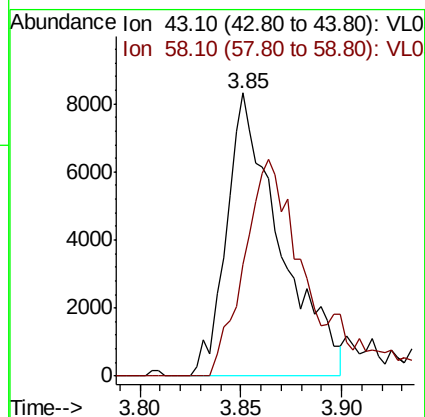
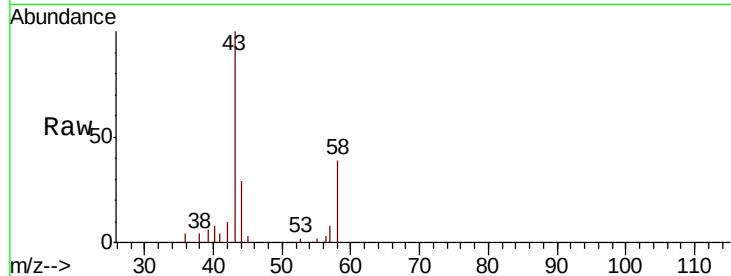
ClientSampleId :

Tot Ion: 43 Resp: 15393

Ion Ratio Lower Upper

43 100

58 91.4 27.5 41.3#



#20

Methylene Chloride

Concen: 0.128 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL036020.D

Acq: 25 Nov 2020 8:02

Tgt Ion: 84 Resp: 12039

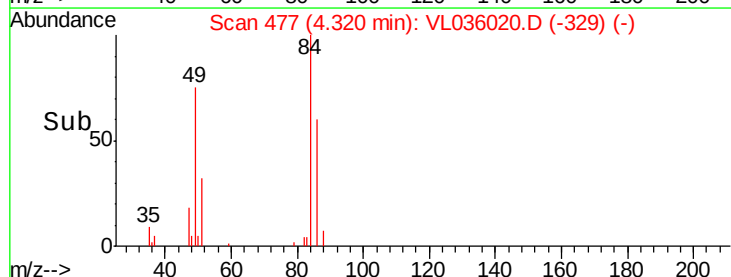
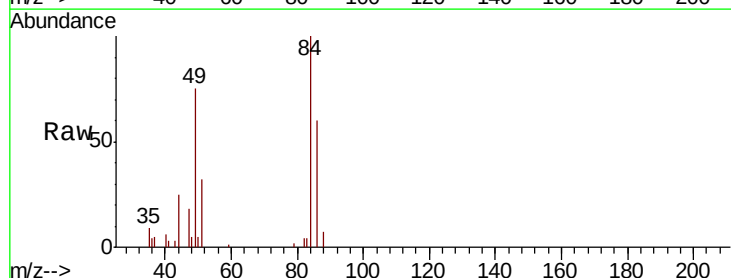
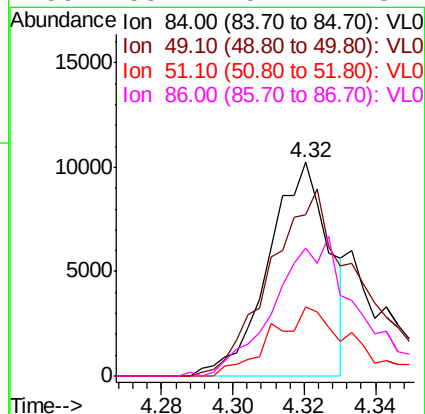
Ion Ratio Lower Upper

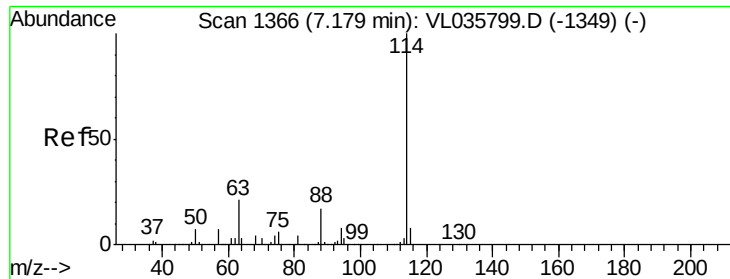
84 100

49 75.2 73.8 110.8

51 32.3 23.0 34.4

86 58.2 52.1 78.1

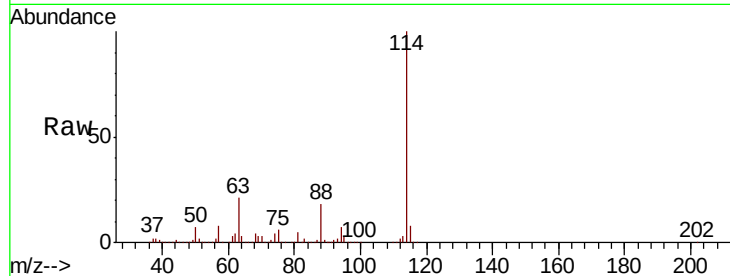




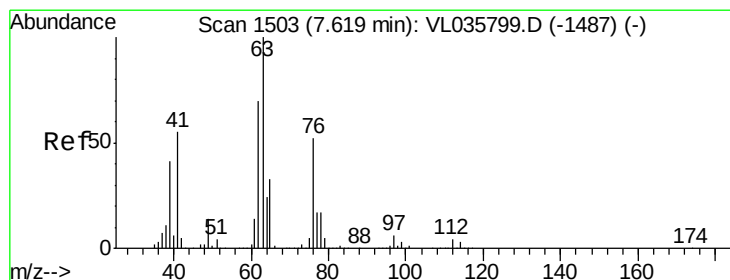
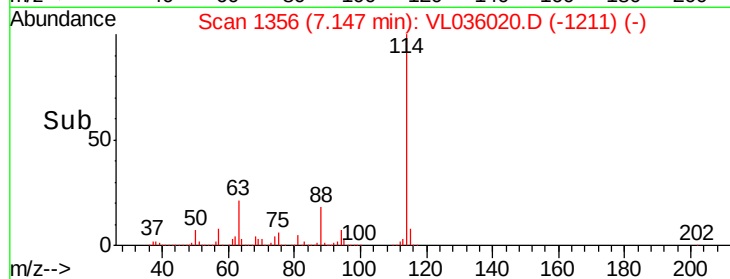
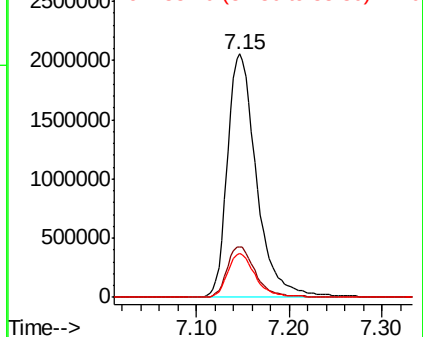
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL036020.D
 Acq: 25 Nov 2020 8:02

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4475233
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.1 24.1
 88 17.4 13.7 20.5

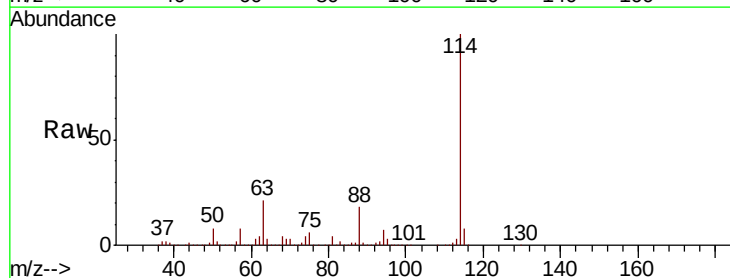


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

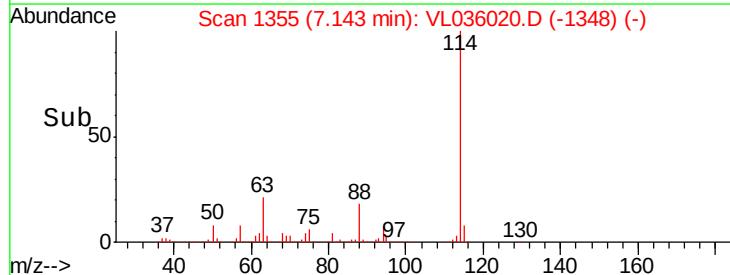
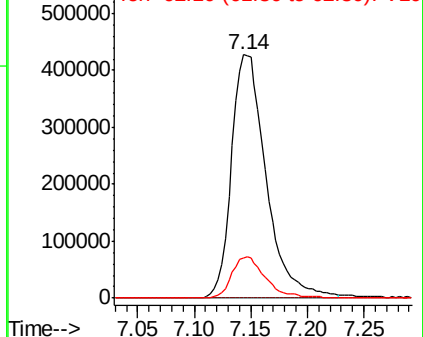


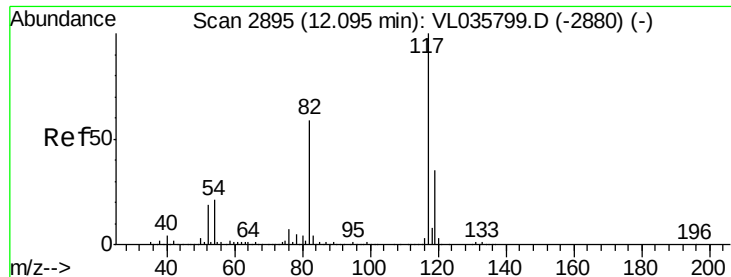
#39
 1,2-Dichloropropane
 Concen: 8.142 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.48 min
 Lab File: VL036020.D
 Acq: 25 Nov 2020 8:02

Tgt Ion: 63 Resp: 911995
 Ion Ratio Lower Upper
 63 100
 41 0.1 43.8 65.6#
 62 16.5 56.2 84.2#



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

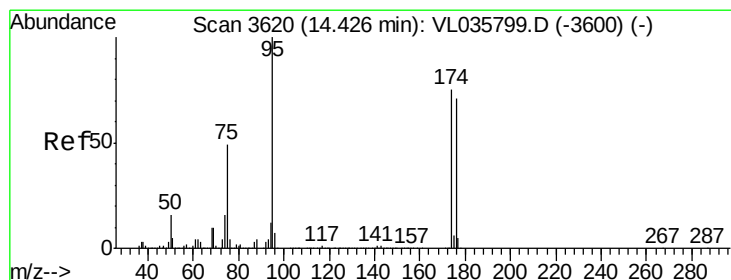
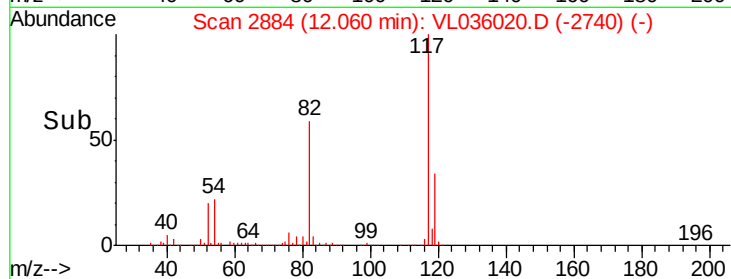
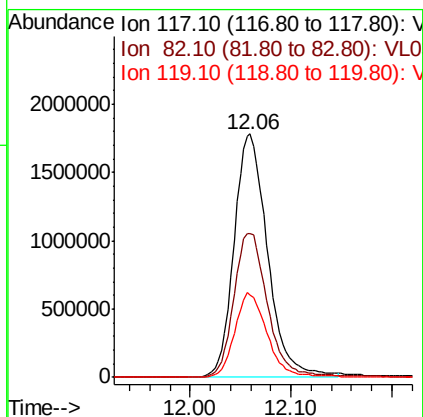
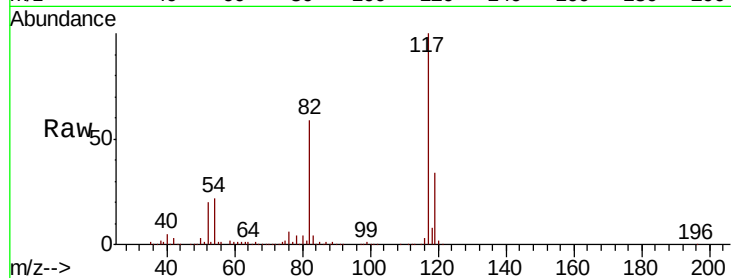




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036020.D
Acq: 25 Nov 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4109975
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 34.3 52.6 78.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.688 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL036020.D
Acq: 25 Nov 2020 8:02

Tgt Ion: 95 Resp: 3120852
Ion Ratio Lower Upper
95 100
174 71.2 59.8 89.6
175 5.0 4.3 6.5

