

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035861.D
 Acq On : 5 Nov 2020 15:18
 Operator : SY/AP
 Sample : L4220-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Nov 06 00:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.65	49	822968	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3095943	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2942773	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1966933	9.41	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%

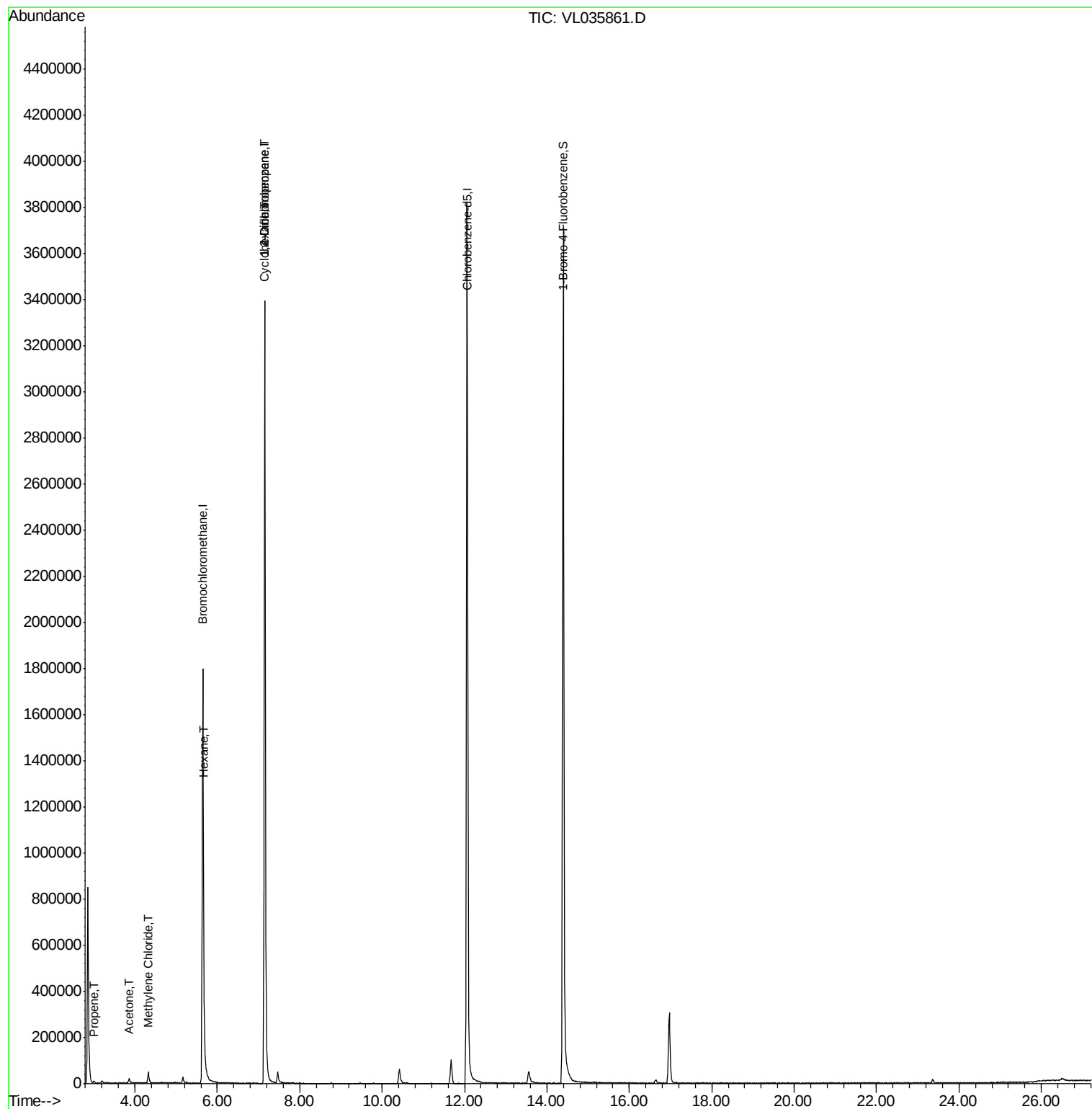
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2830	0.078	ppbv	93
15) Acetone	3.85	43	17222	0.196	ppbv #	18
20) Methylene Chloride	4.32	84	22749	0.367	ppbv #	91
26) Hexane	5.67	57	5086	0.053	ppbv #	43
30) Cyclohexane	7.14	84	9691	0.093	ppbv #	6
39) 1,2-Dichloropropane	7.15	63	615129	7.938	ppbv #	30

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035861.D
Acq On : 5 Nov 2020 15:18
Operator : SY/AP
Sample : L4220-06 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Nov 06 00:27:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Instrument :

MSVOA_L

ClientSampleId :

SV1

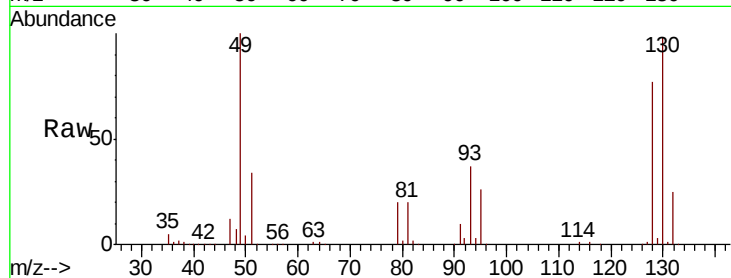
Tot Ion: 49 Resp: 822968

Ion Ratio Lower Upper

49 100

128 80.4 41.5 124.6

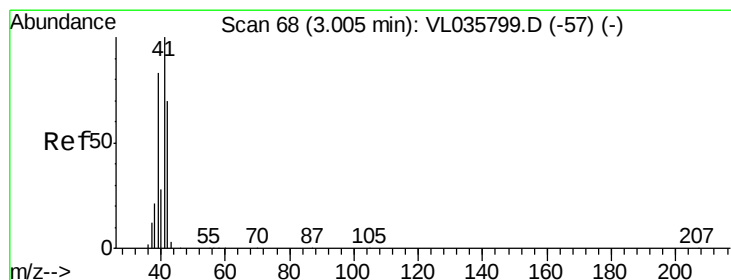
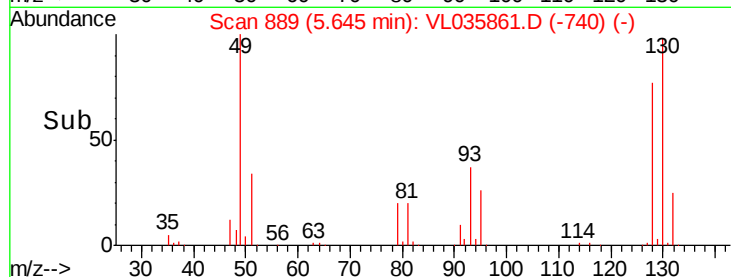
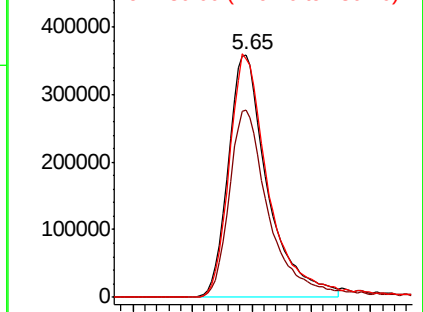
130 103.3 53.7 161.1



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: 0.078 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035861.D

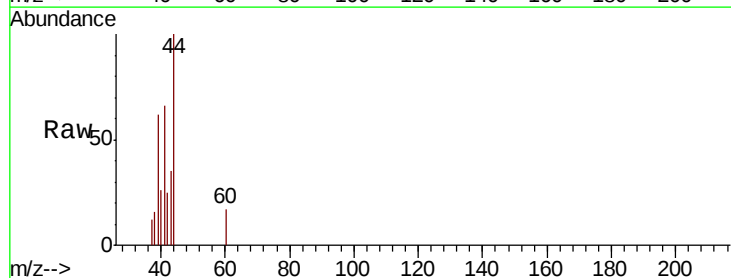
Acq: 5 Nov 2020 15:18

Tgt Ion: 41 Resp: 2830

Ion Ratio Lower Upper

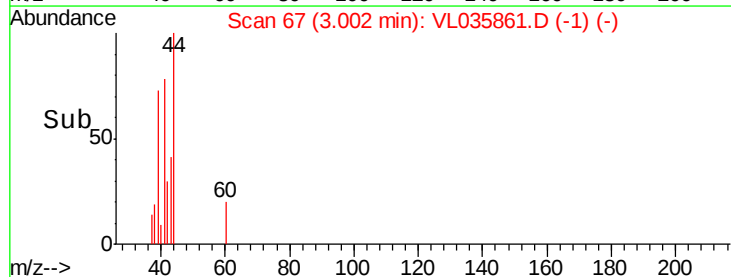
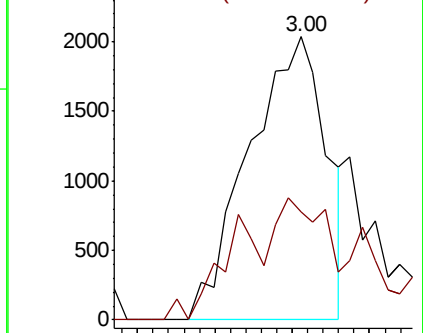
41 100

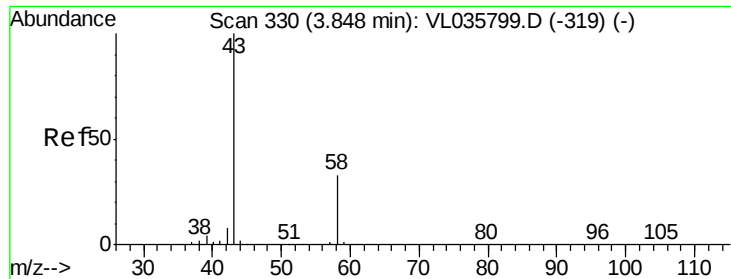
42 64.3 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.196 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Instrument :

MSVOA_L

ClientSampleId :

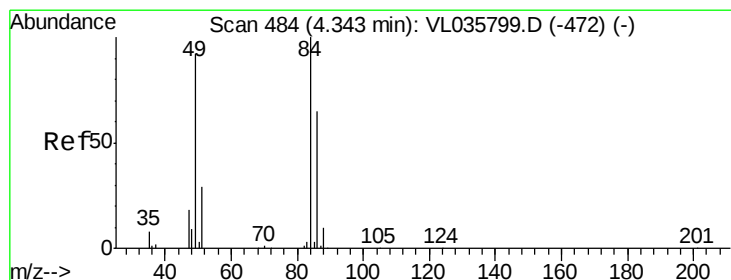
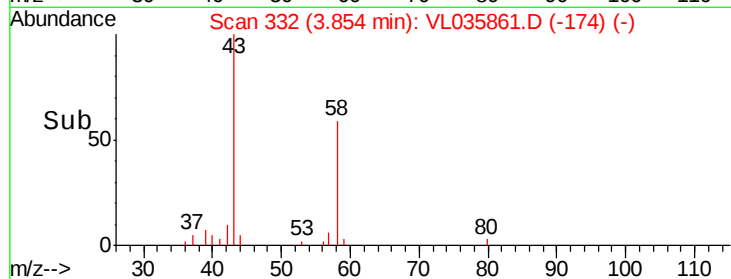
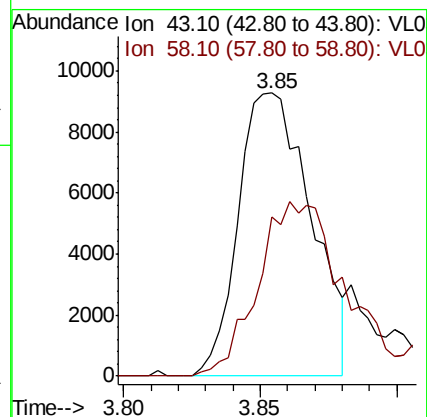
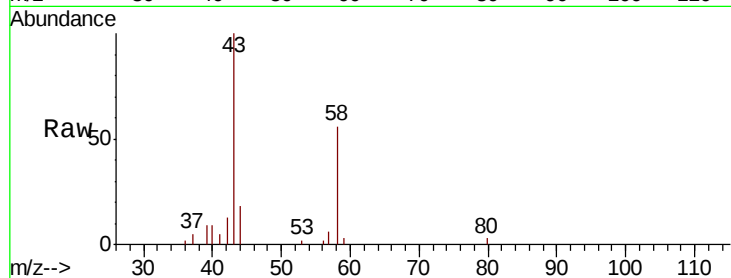
SV1

Tot Ion: 43 Resp: 17222

Ion Ratio Lower Upper

43 100

58 81.4 27.5 41.3#



#20

Methylene Chloride

Concen: 0.367 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.02 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Tgt Ion: 84 Resp: 22749

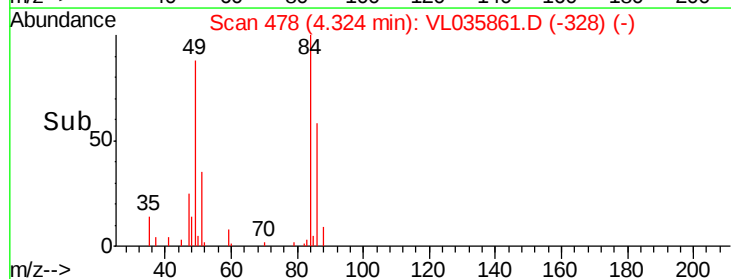
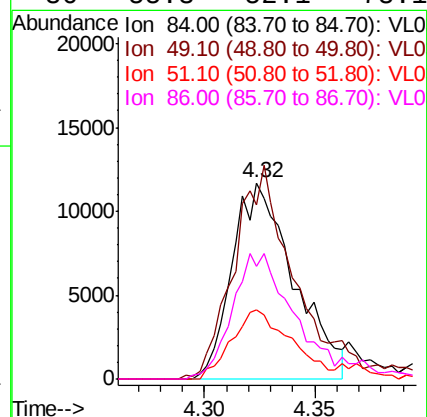
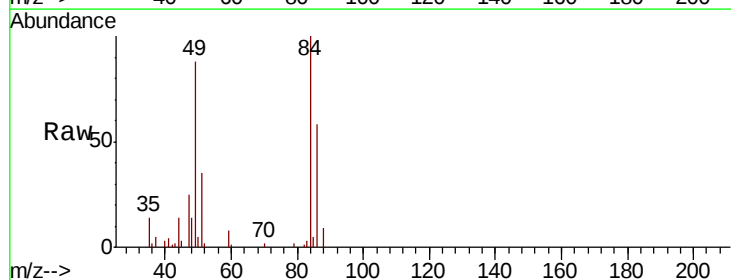
Ion Ratio Lower Upper

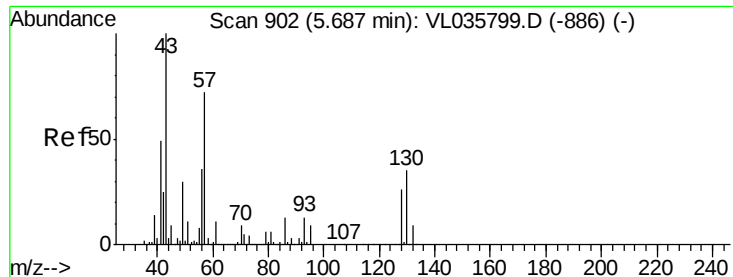
84 100

49 87.1 73.8 110.8

51 35.3 23.0 34.4#

86 55.3 52.1 78.1

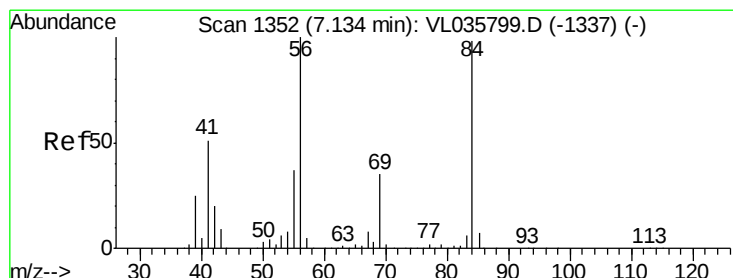
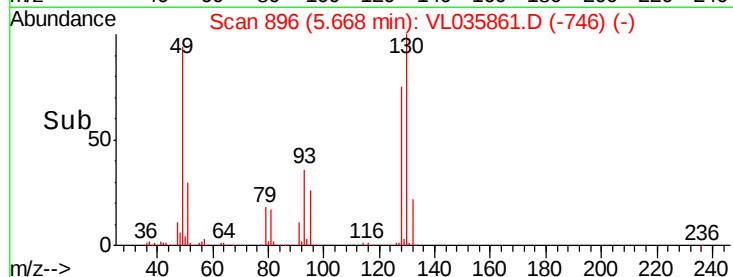
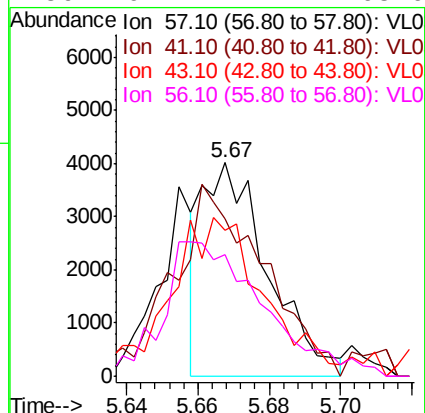
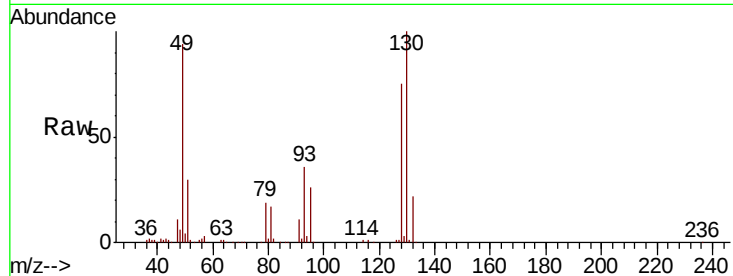




#26
Hexane
Concen: 0.053 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

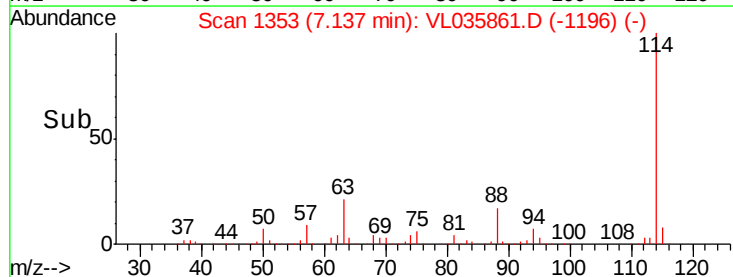
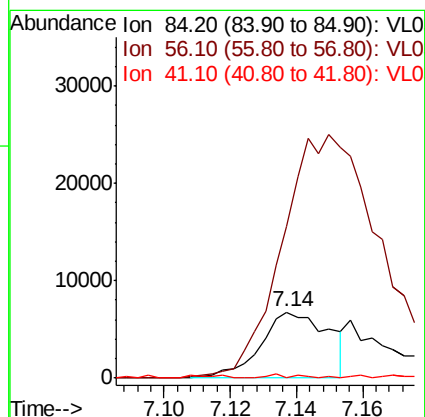
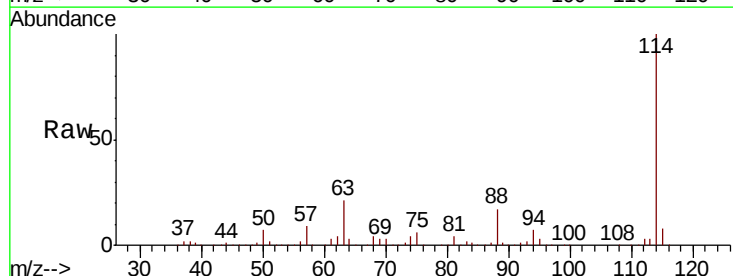
Instrument :
MSVOA_L
ClientSampleId :
SV1

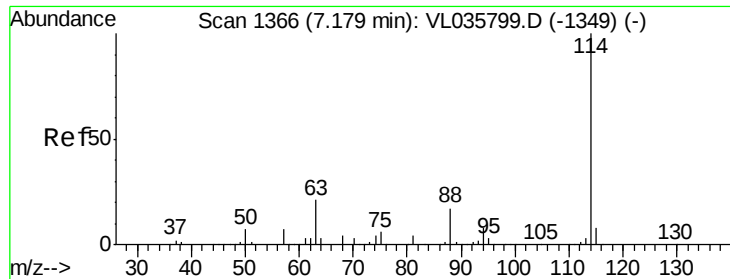
Tot Ion: 57 Resp: 5086
Ion Ratio Lower Upper
57 100
41 133.2 58.9 88.3#
43 115.4 150.2 225.2#
56 97.7 42.4 63.6#



#30
Cyclohexane
Concen: 0.093 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

Tgt Ion: 84 Resp: 9691
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#

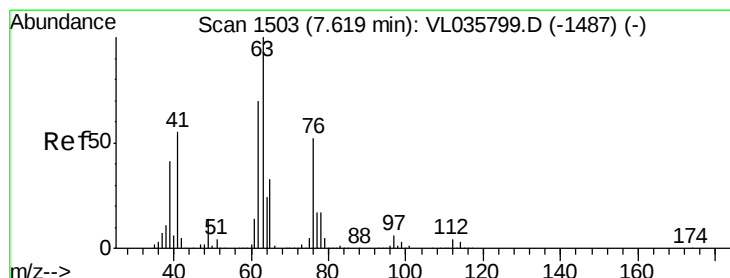
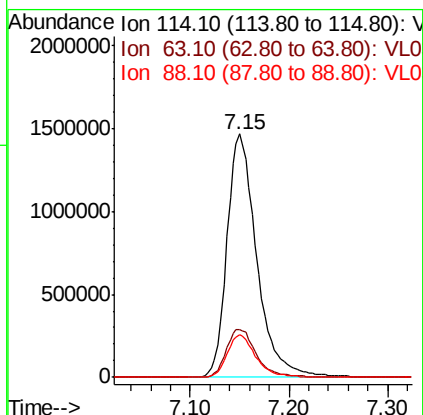
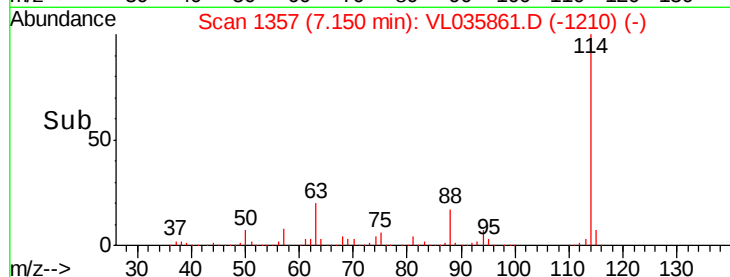
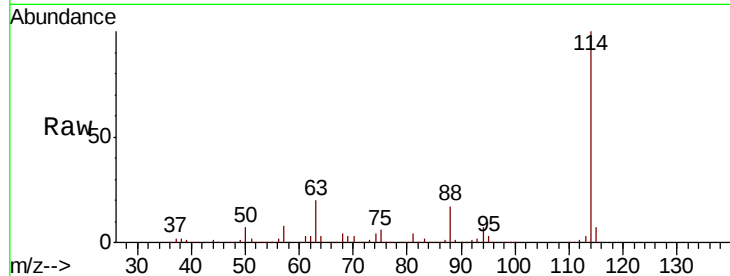




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL035861.D
 Acq: 5 Nov 2020 15:18

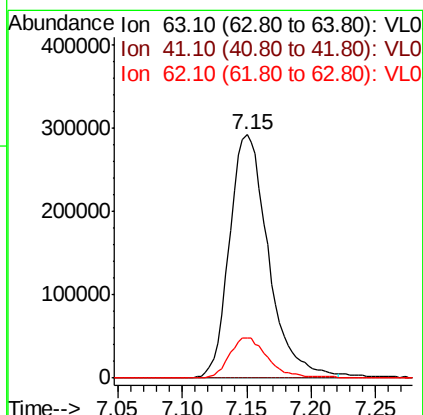
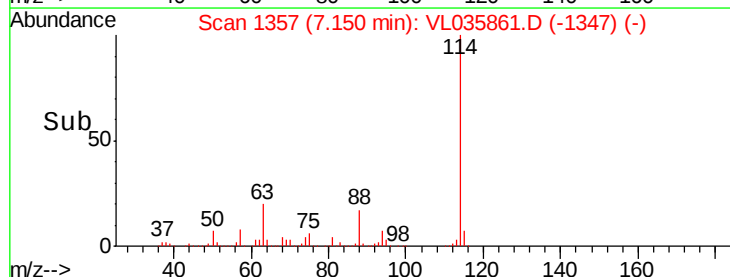
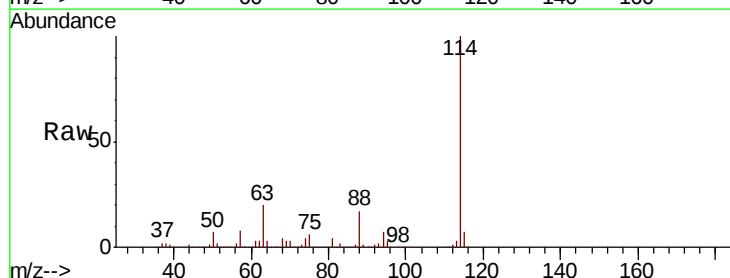
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

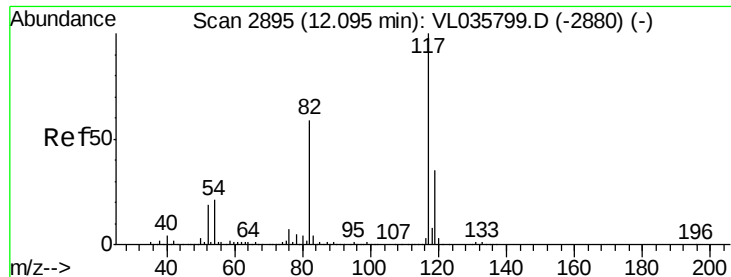
Tot Ion:114 Resp: 3095943
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 17.1 13.7 20.5



#39
 1,2-Dichloropropane
 Concen: 7.938 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.47 min
 Lab File: VL035861.D
 Acq: 5 Nov 2020 15:18

Tgt Ion: 63 Resp: 615129
 Ion Ratio Lower Upper
 63 100
 41 0.1 43.8 65.6#
 62 16.4 56.2 84.2#

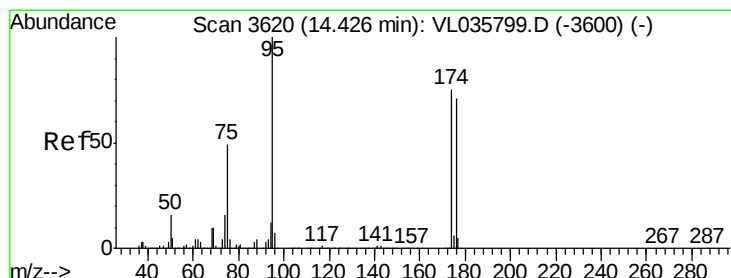
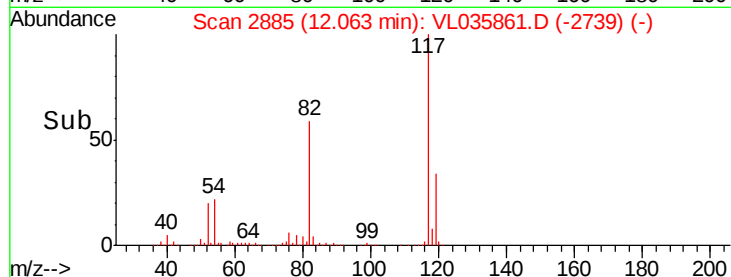
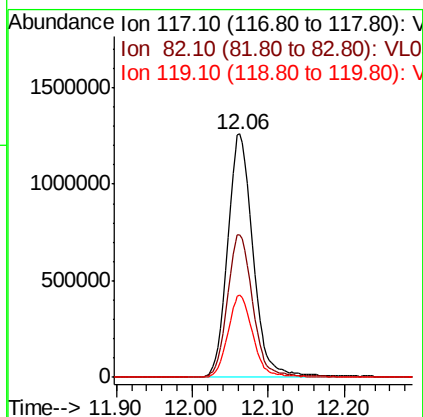
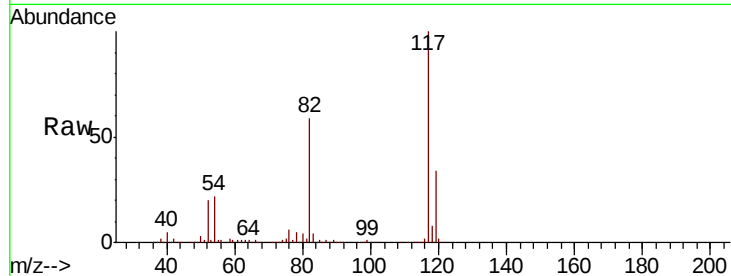




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion:117 Resp: 2942773
Ion Ratio Lower Upper
117 100
82 59.4 50.6 76.0
119 33.7 52.6 78.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.408 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

Tgt Ion: 95 Resp: 1966933
Ion Ratio Lower Upper
95 100
174 75.4 59.8 89.6
175 5.1 4.3 6.5

