

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036574.D
 Acq On : 30 Mar 2021 17:57
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 05:16:20 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	1423686	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3378093	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3020204	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2424633	10.07	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

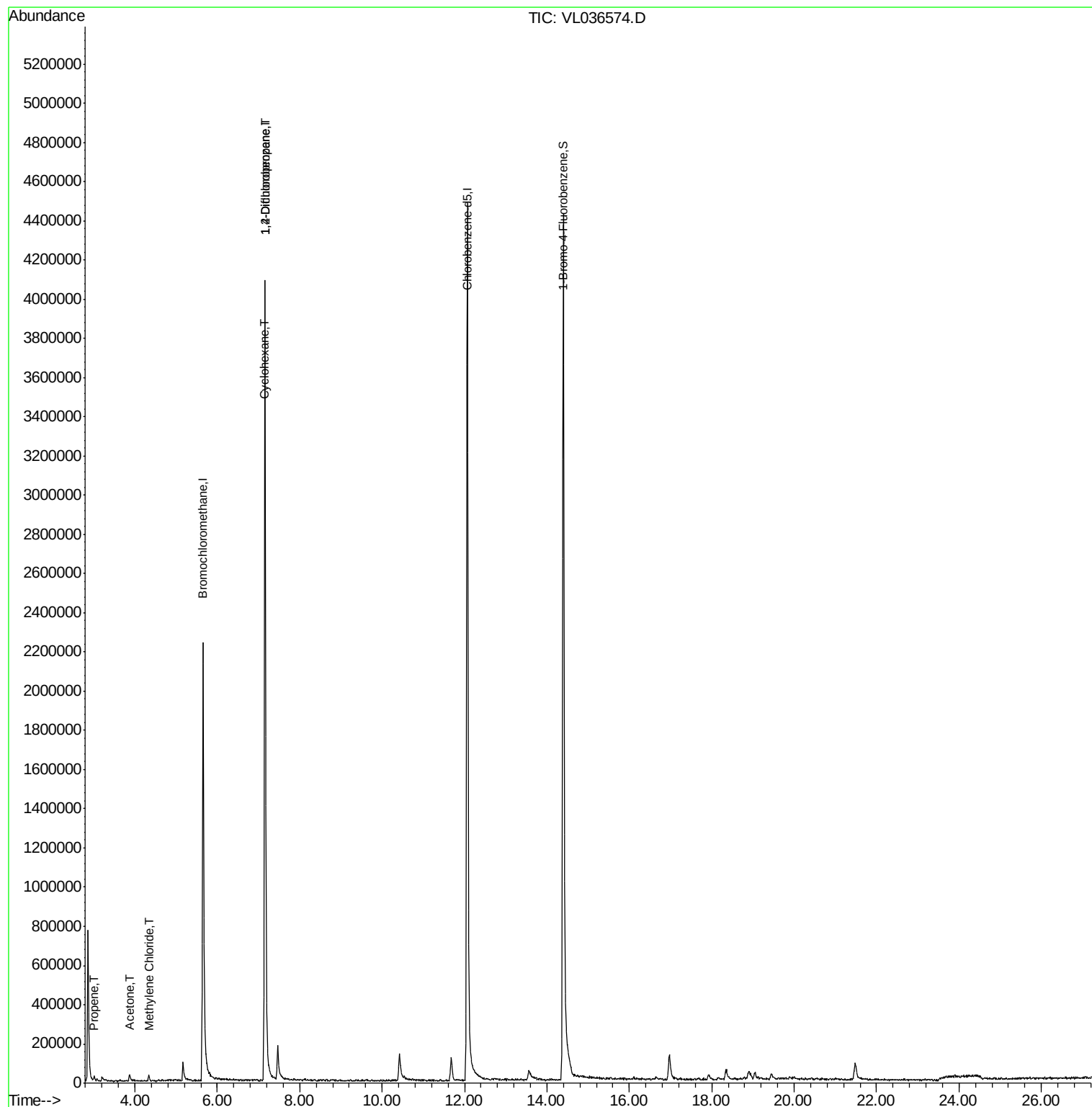
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2682	0.032	ppbv #	14
15) Acetone	3.86	43	30373	0.217	ppbv #	1
20) Methylene Chloride	4.33	84	7838	0.119	ppbv #	85
30) Cyclohexane	7.14	84	3534	0.028	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	908525	7.189	ppbv #	23

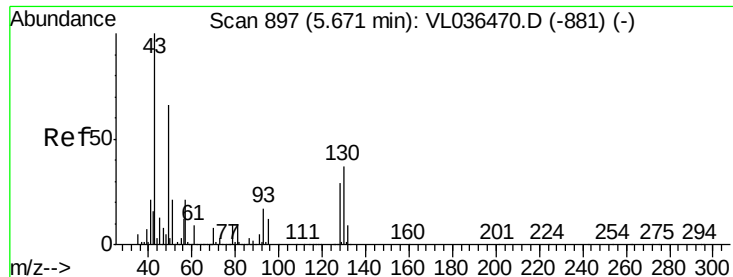
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036574.D
Acq On : 30 Mar 2021 17:57
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:16:20 2021
Quant Method : Z:\V0ASRV\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

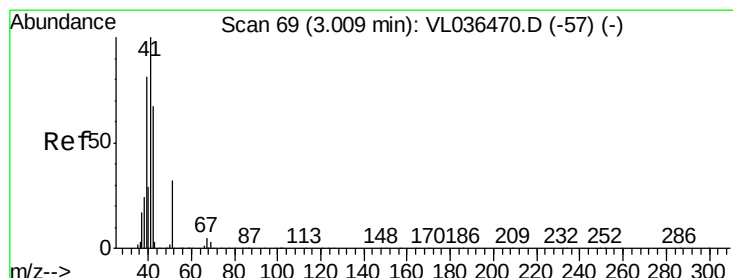
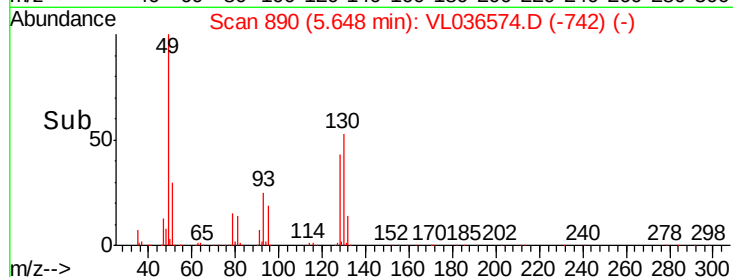
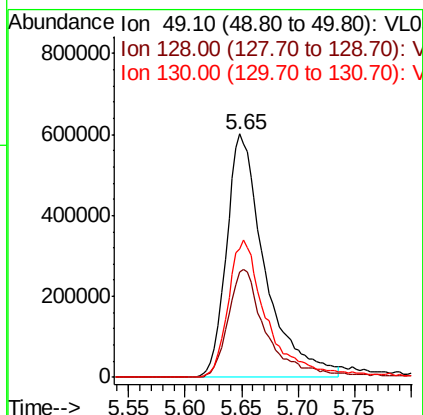
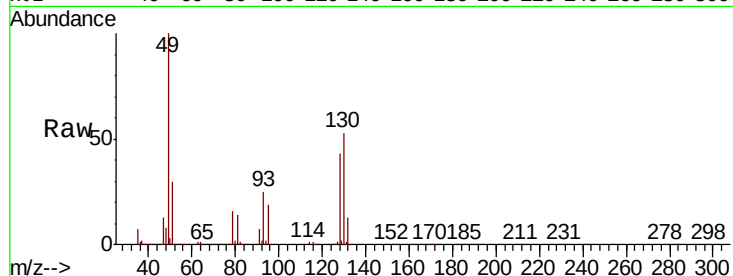




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: VL036574.D
 Acq: 30 Mar 2021 17:57

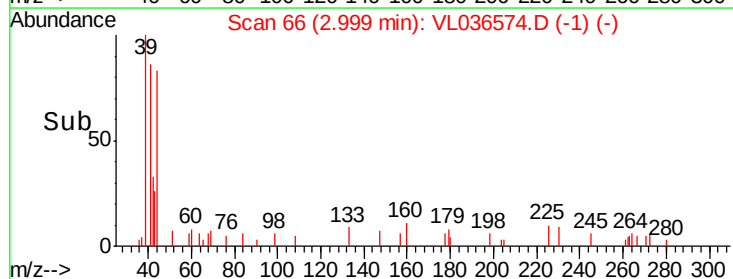
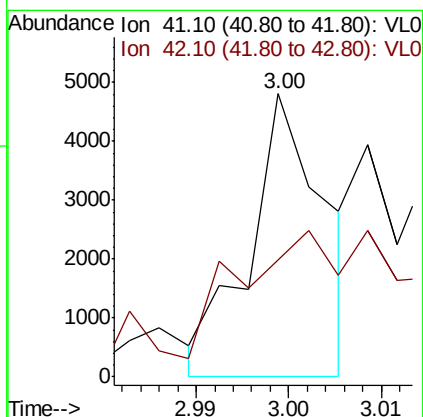
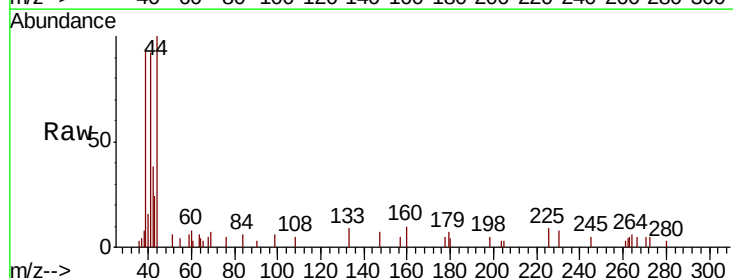
Instrument :
 MSVOA_L
 ClientSampled :

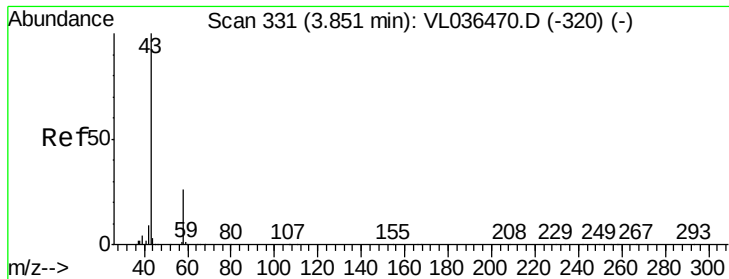
Tot Ion: 49 Resp: 1423686
 Ion Ratio Lower Upper
 49 100
 128 45.6 23.5 70.6
 130 58.5 29.1 87.4



#9
 Propene
 Concen: 0.032 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: VL036574.D
 Acq: 30 Mar 2021 17:57

Tgt Ion: 41 Resp: 2682
 Ion Ratio Lower Upper
 41 100
 42 0.0 57.0 85.4#

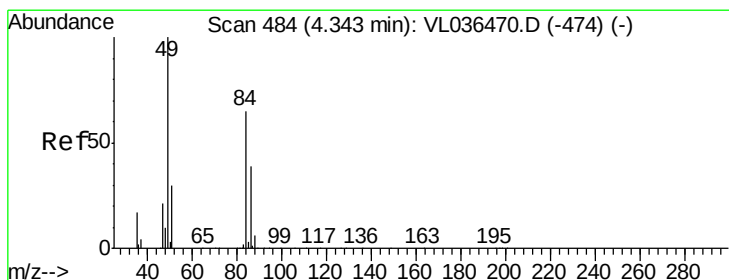
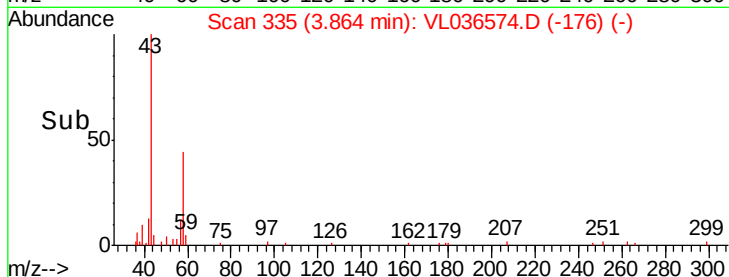
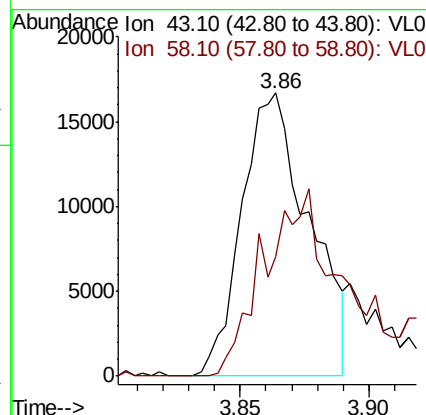
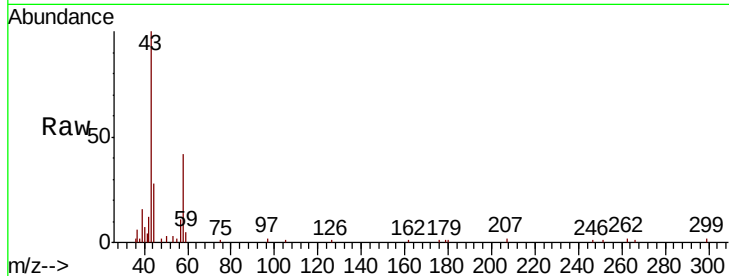




#15
Acetone
Concen: 0.217 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

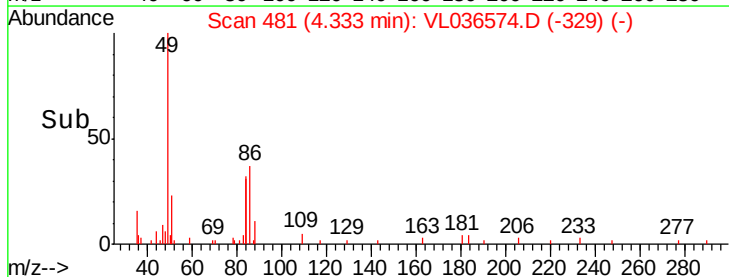
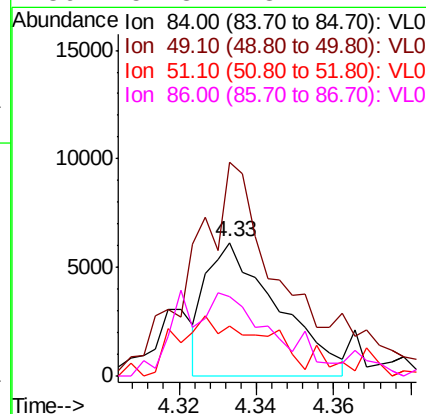
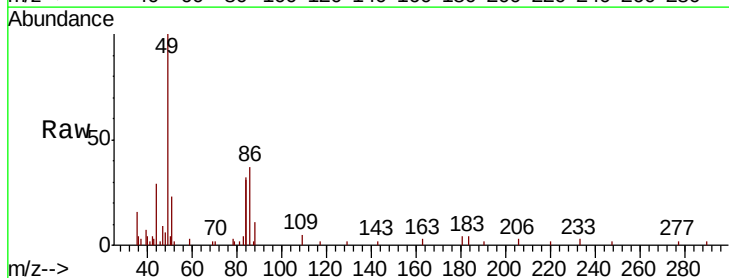
Instrument :
MSVOA_L
ClientSampleId :

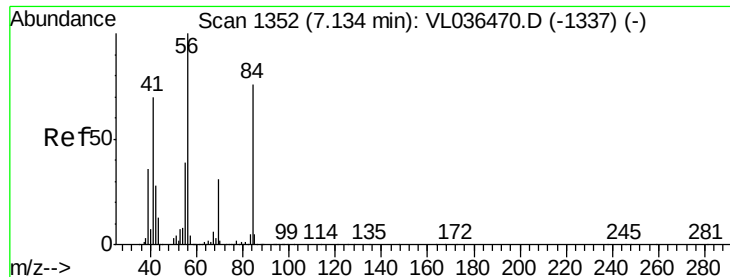
Tot Ion: 43 Resp: 30373
Ion Ratio Lower Upper
43 100
58 89.4 21.2 31.8#



#20
Methylene Chloride
Concen: 0.119 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Tgt Ion: 84 Resp: 7838
Ion Ratio Lower Upper
84 100
49 130.0 122.9 184.3
51 34.0 36.9 55.3#
86 57.3 48.2 72.4

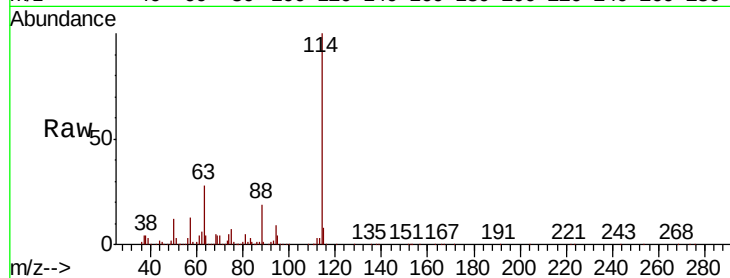




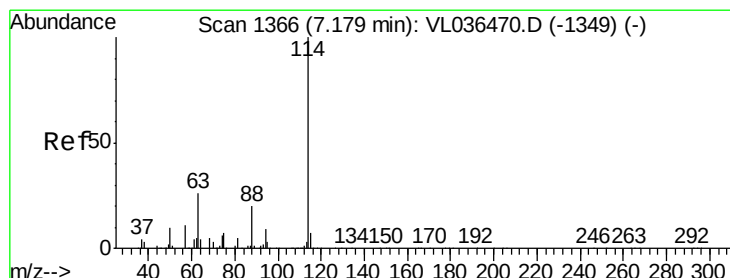
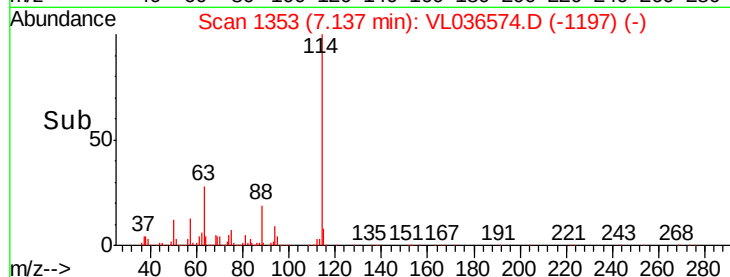
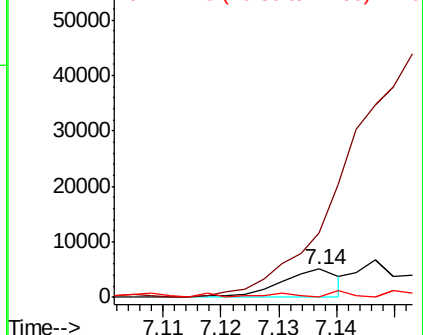
#30
Cyclohexane
Concen: 0.028 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 3534
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#

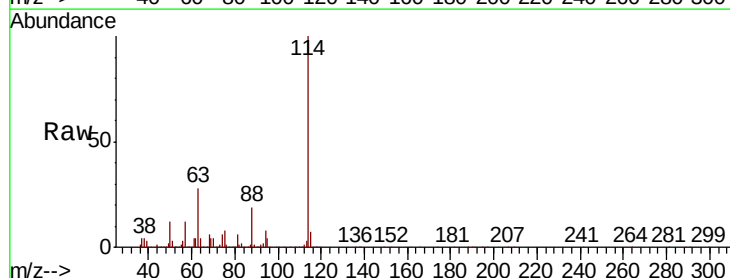


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

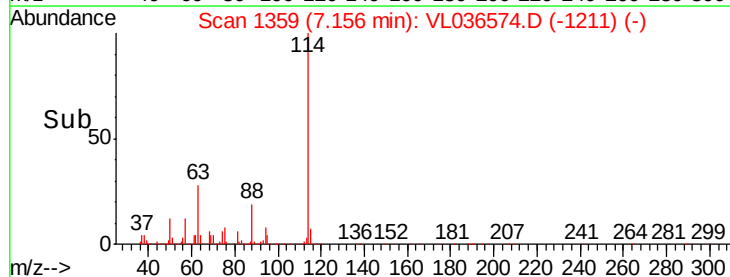
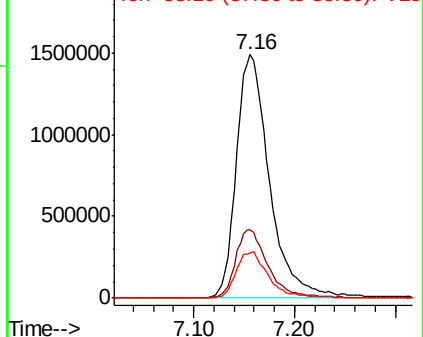


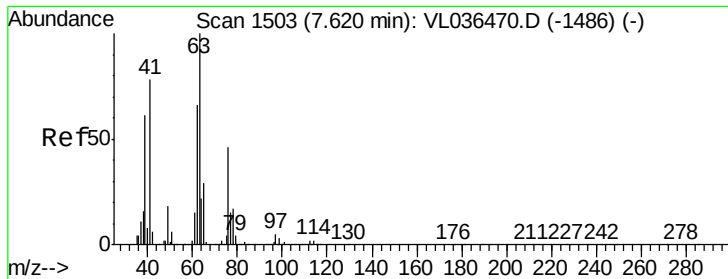
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Tgt Ion: 114 Resp: 3378093
Ion Ratio Lower Upper
114 100
63 27.8 22.4 33.6
88 18.9 15.4 23.0



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: 7.189 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.47 min

Lab File: VL036574.D

Acq: 30 Mar 2021 17:57

Instrument :

MSVOA_L

ClientSampleId :

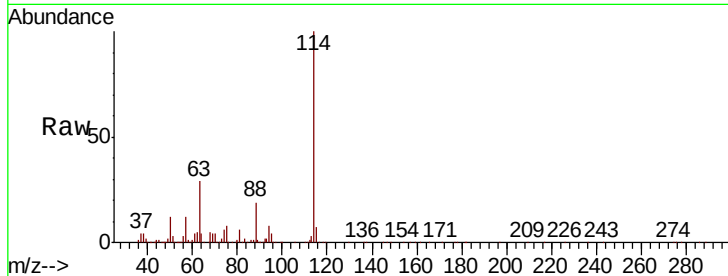
Tot Ion: 63 Resp: 908525

Ion Ratio Lower Upper

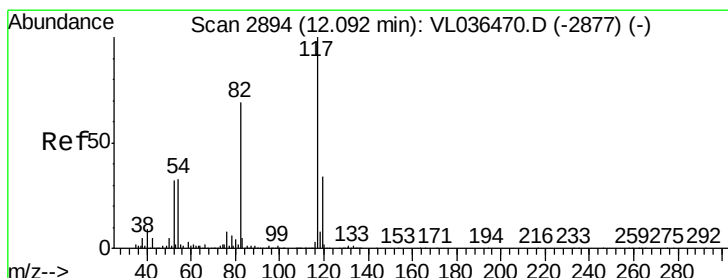
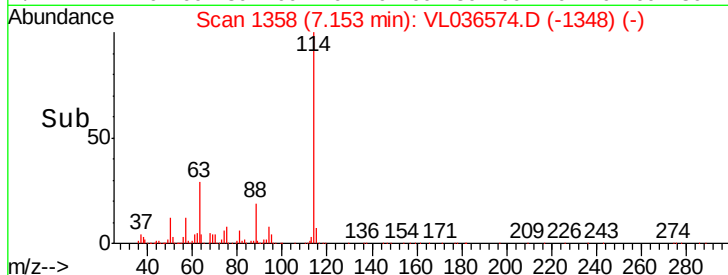
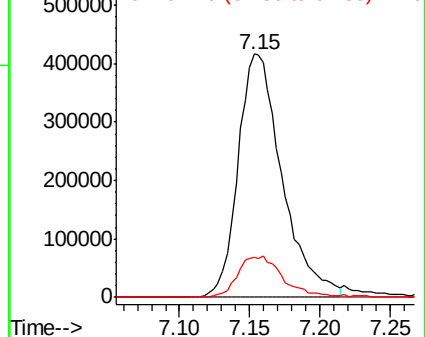
63 100

41 0.1 62.4 93.6#

62 16.4 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# 2886

Delta R.T. -0.03 min

Lab File: VL036574.D

Acq: 30 Mar 2021 17:57

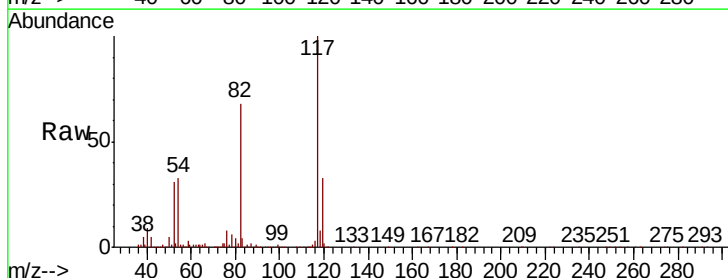
Tgt Ion: 117 Resp: 3020204

Ion Ratio Lower Upper

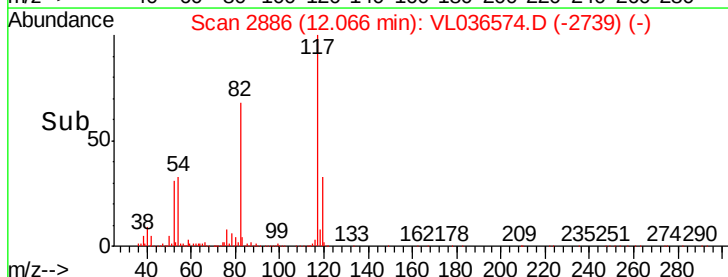
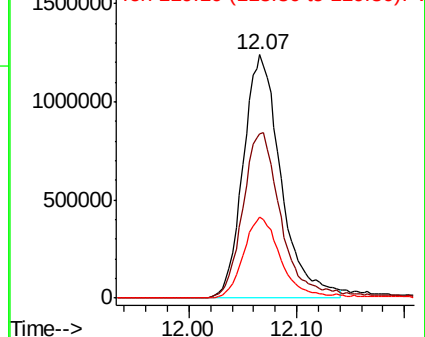
117 100

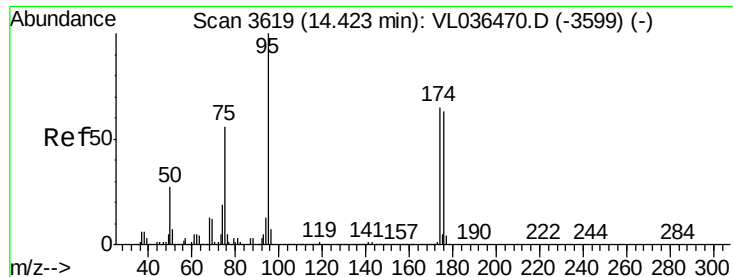
82 71.2 57.4 86.0

119 34.2 47.4 71.0#



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: 10.073 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL036574.D

Acq: 30 Mar 2021 17:57

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2424633

Ion Ratio Lower Upper

95 100

174 66.4 51.0 76.6

175 4.9 3.9 5.9

