

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036695.D
 Acq On : 6 Apr 2021 5:31
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 06 06:01:46 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	5.67	49	1286415	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3144109	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2753740	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2105441	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

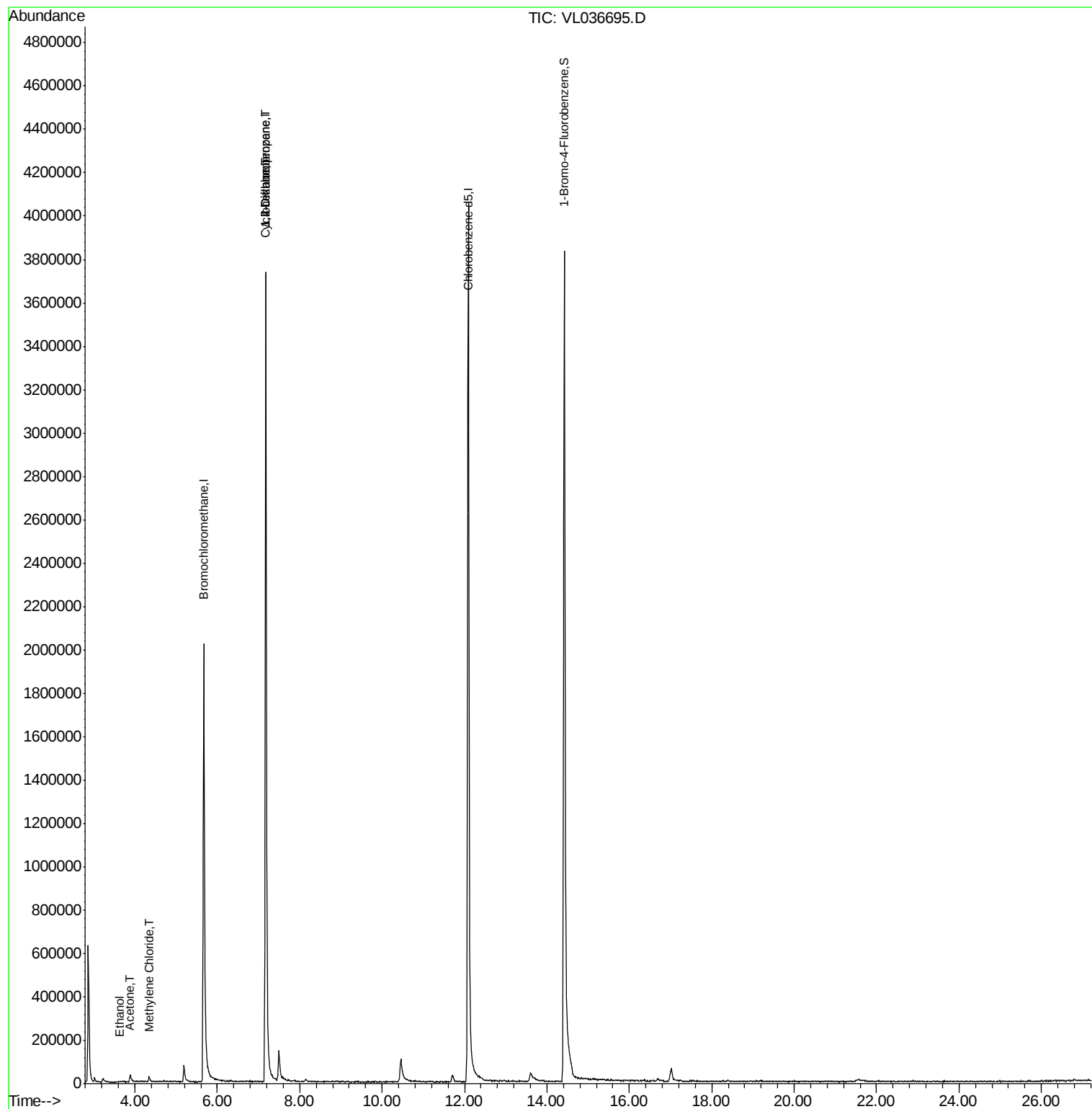
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	493	0.054	ppbv #	1
15) Acetone	3.88	43	26557	0.210	ppbv #	1
20) Methylene Chloride	4.34	84	6471	0.109	ppbv #	68
30) Cyclohexane	7.16	84	7386	0.065	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	824459	7.009	ppbv #	23

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036695.D
Acq On : 6 Apr 2021 5:31
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 06 06:01:46 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: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036695.D

Acq: 6 Apr 2021 5:31

Instrument :

MSVOA_L

ClientSampled :

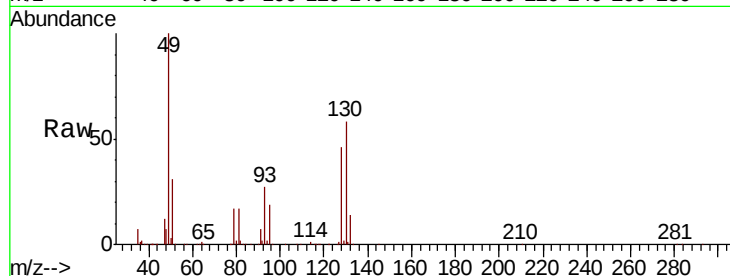
Tot Ion: 49 Resp: 1286415

Ion Ratio Lower Upper

49 100

128 46.6 23.5 70.6

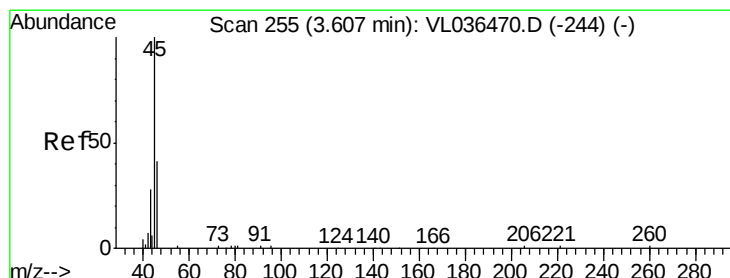
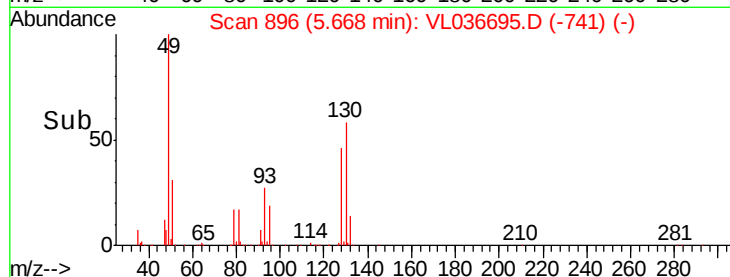
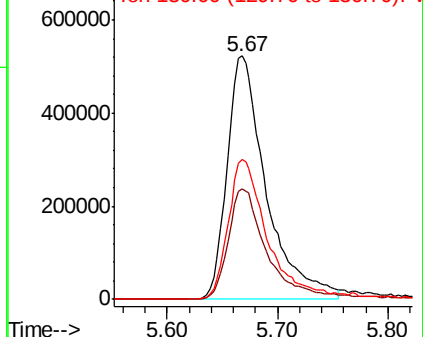
130 60.5 29.1 87.4



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



#13

Ethanol

Concen: 0.054 ppbv

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL036695.D

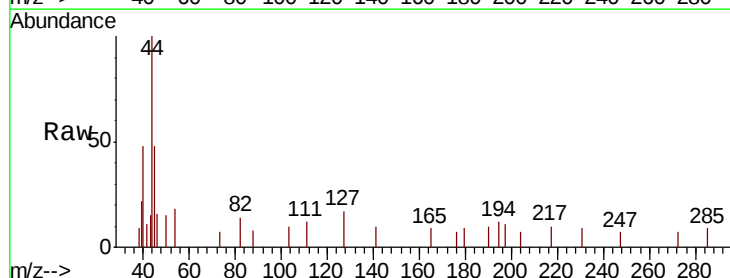
Acq: 6 Apr 2021 5:31

Tgt Ion: 45 Resp: 493

Ion Ratio Lower Upper

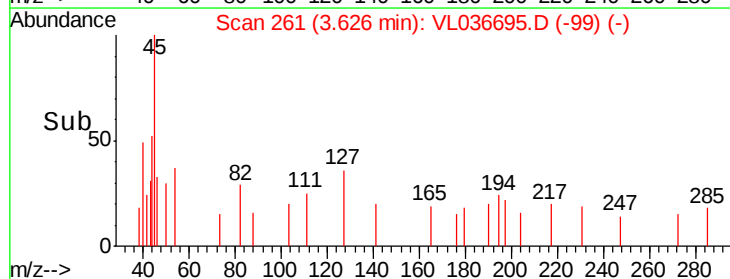
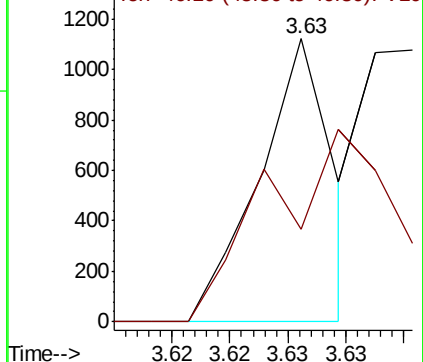
45 100

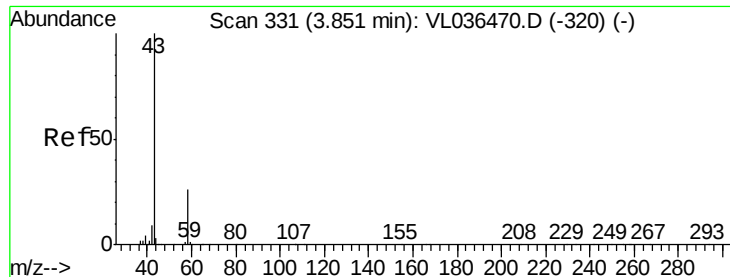
46 208.1 16.6 66.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.210 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036695.D

Acq: 6 Apr 2021 5:31

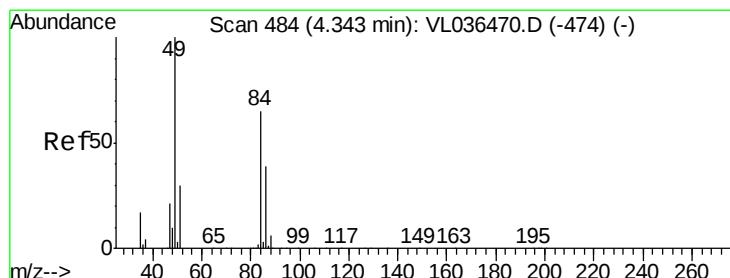
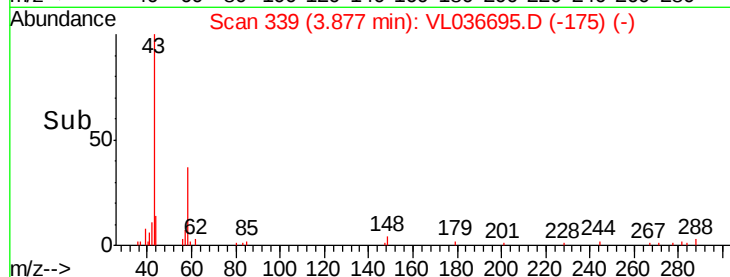
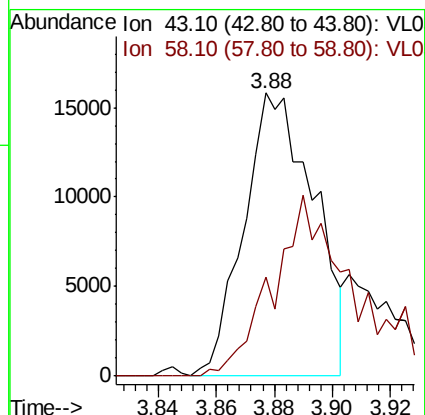
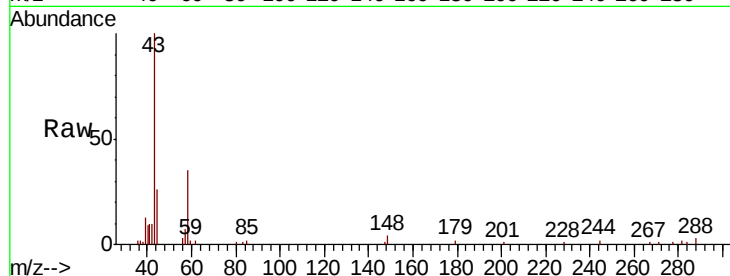
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 26557

Ion Ratio Lower Upper

43 100

58 80.8 21.2 31.8#



#20

Methylene Chloride

Concen: 0.109 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL036695.D

Acq: 6 Apr 2021 5:31

Tgt Ion: 84 Resp: 6471

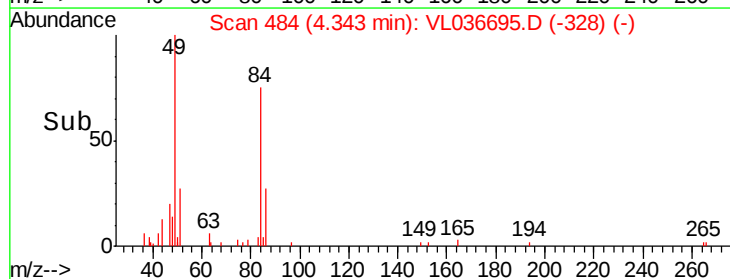
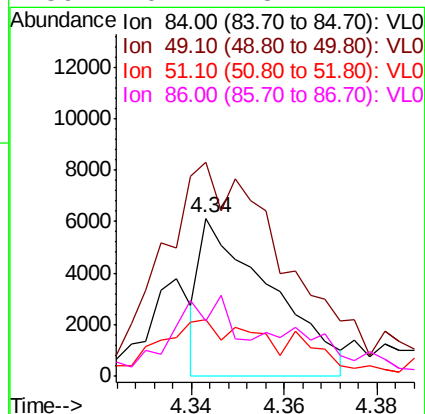
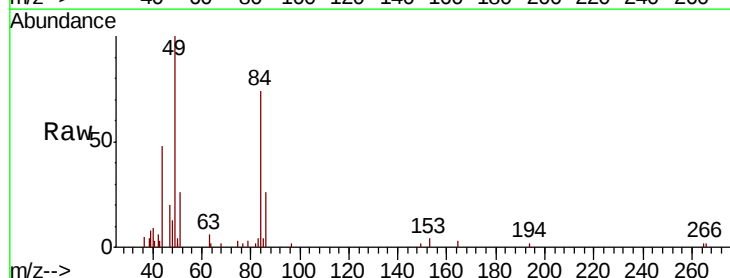
Ion Ratio Lower Upper

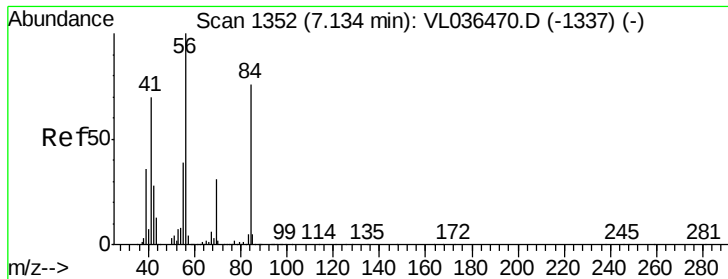
84 100

49 113.4 122.9 184.3#

51 34.5 36.9 55.3#

86 26.4 48.2 72.4#

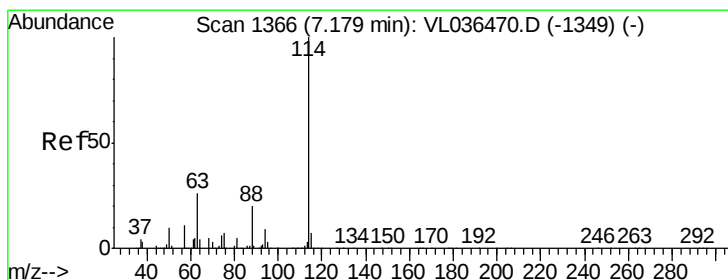
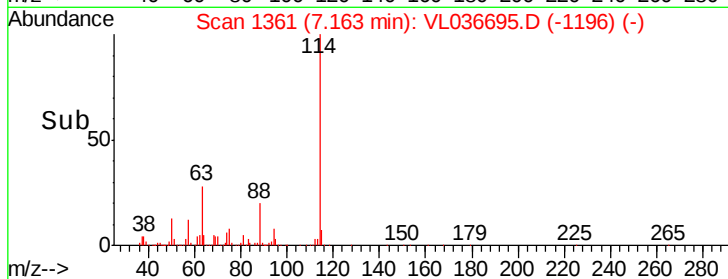
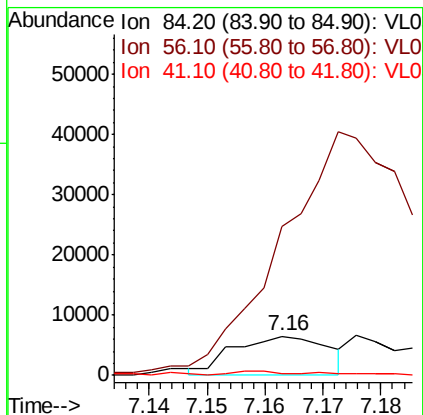
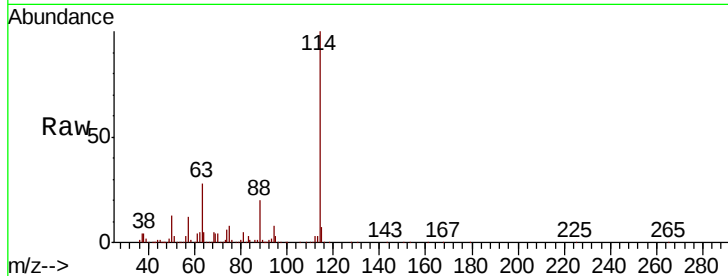




#30
Cvclohexane
Concen: 0.065 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.03 min
Lab File: VL036695.D
Acq: 6 Apr 2021 5:31

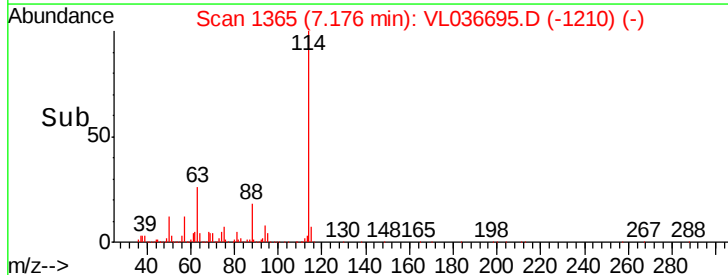
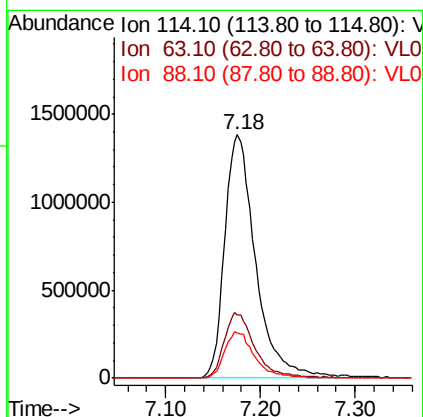
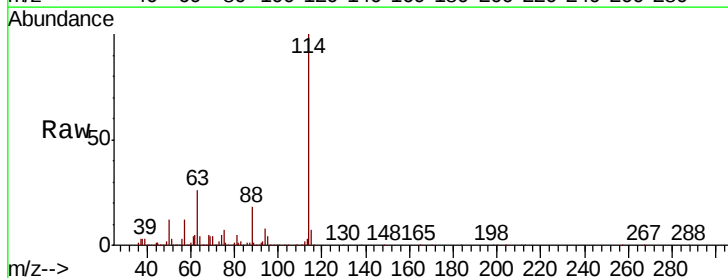
Instrument :
MSVOA_L
ClientSampled :

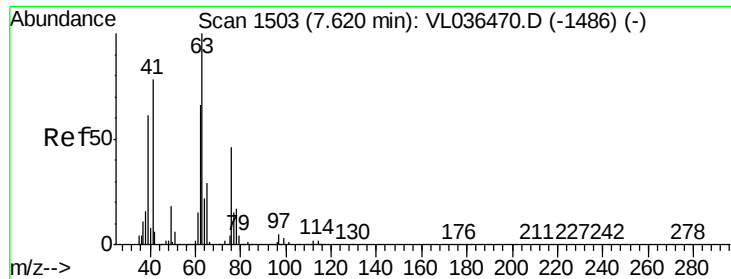
Tot Ion: 84 Resp: 7386
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 12.3 75.3 112.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036695.D
Acq: 6 Apr 2021 5:31

Tgt Ion: 114 Resp: 3144109
Ion Ratio Lower Upper
114 100
63 27.1 22.4 33.6
88 18.8 15.4 23.0

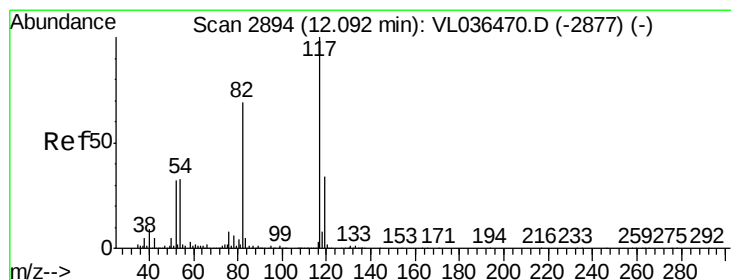
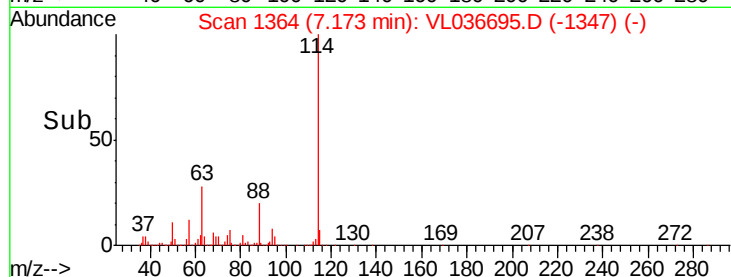
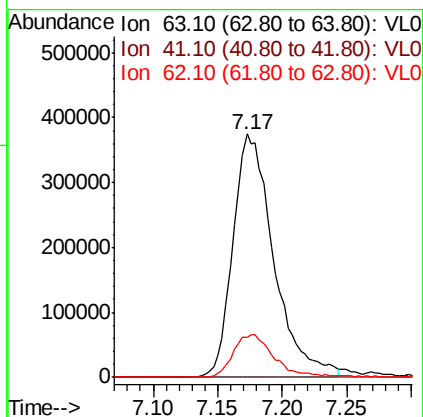
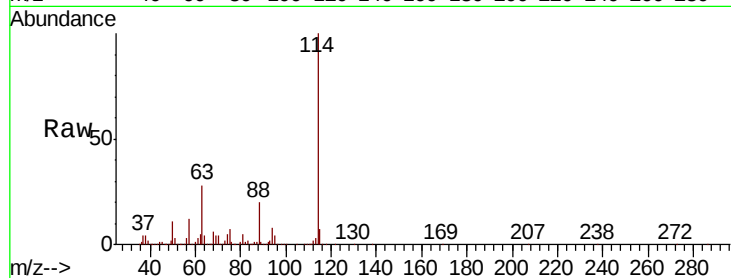




#39
 1,2-Dichloropropane
 Concen: 7.009 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL036695.D
 Acq: 6 Apr 2021 5:31

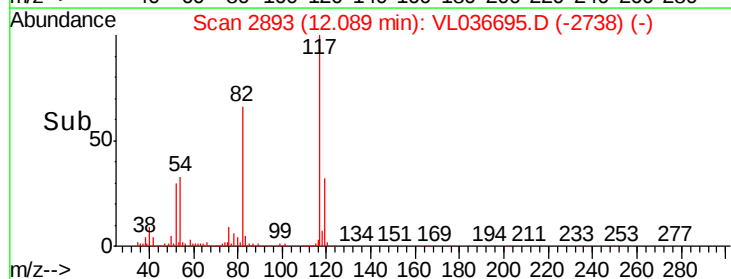
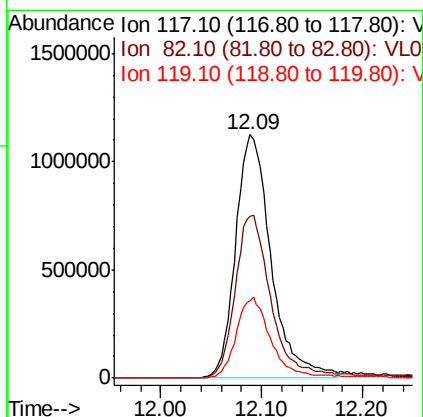
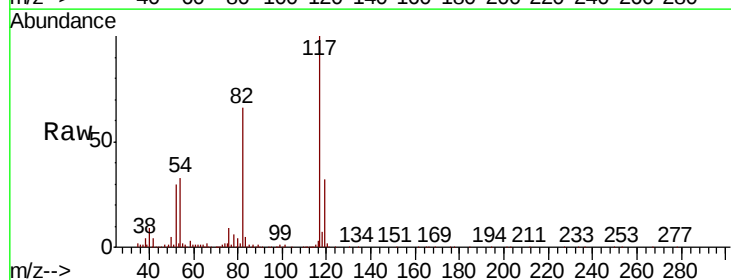
Instrument :
 MSVOA_L
 ClientSampleId :

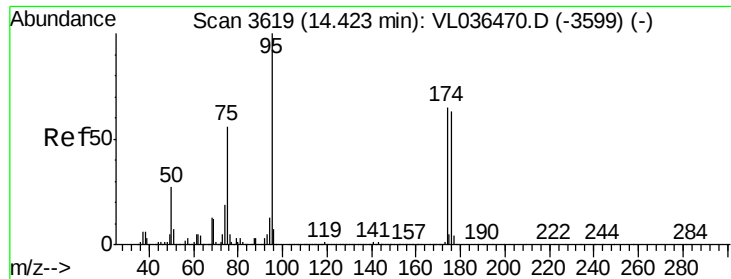
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	16.6	52.8	79.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: VL036695.D
 Acq: 6 Apr 2021 5:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.6	57.4	86.0
119	33.4	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.593 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VL036695.D

Acq: 6 Apr 2021 5:31

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2105441

Ion Ratio Lower Upper

95 100

174 68.3 51.0 76.6

175 5.0 3.9 5.9

