

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 :
 VIBLK

Manual Integrations
 APPROVED

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 4/6/2021 5:14:48 PM

Quant Time: Apr 06 06:03:20 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 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
15) Acetone	3.88	43	34886m	0.276	ppbv	
20) Methylene Chloride	4.34	84	10386m	0.175	ppbv	
30) Cyclohexane	7.18	84	21582m	0.191	ppbv	

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

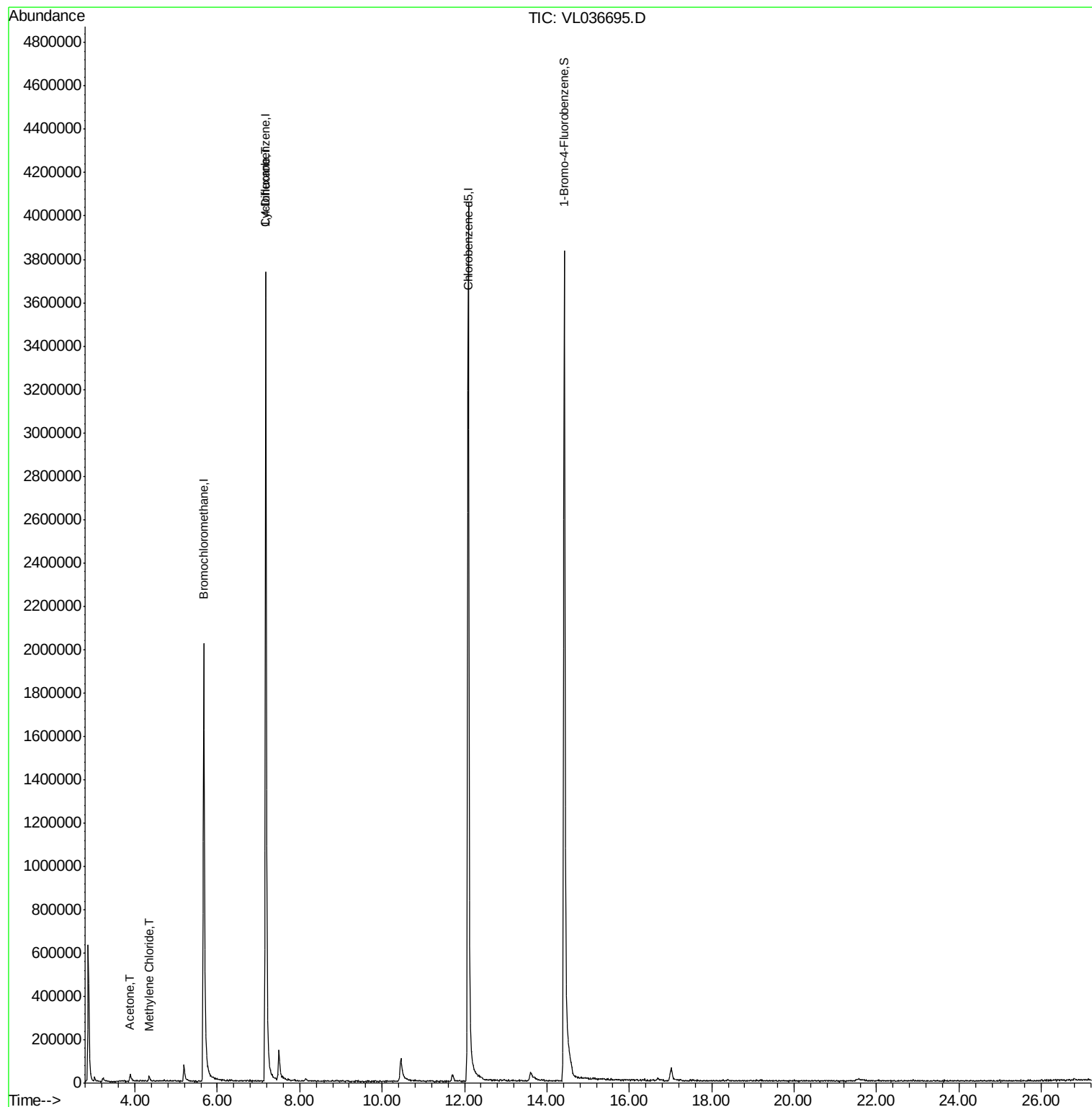
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
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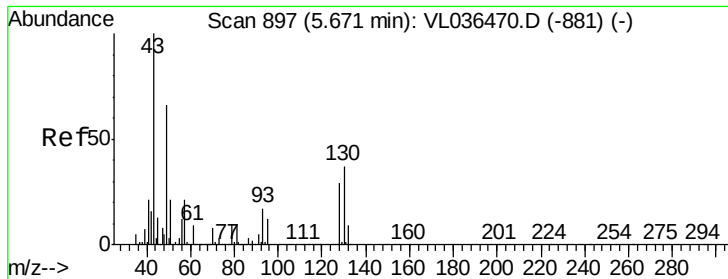
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Apr 06 06:03:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
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 :

VIBLK

Tot Ion: 49 Resp: 1286415

Ion Ratio Lower Upper

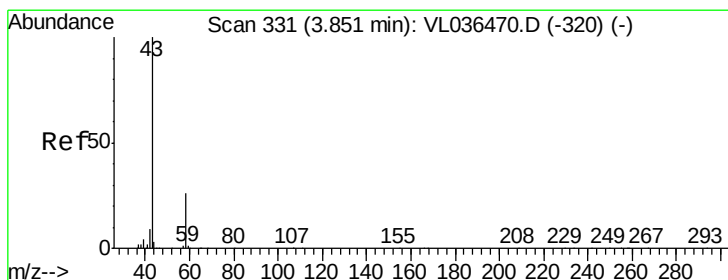
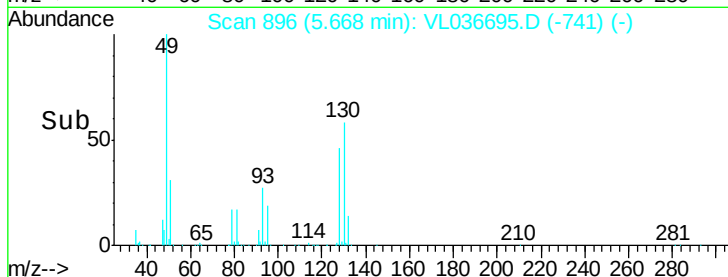
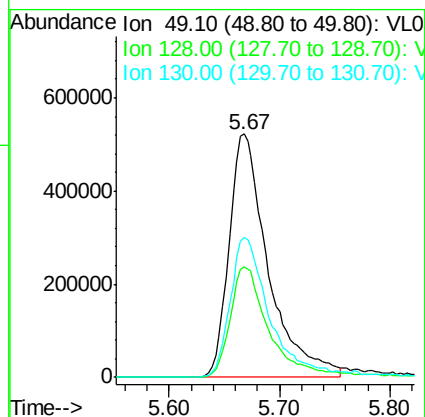
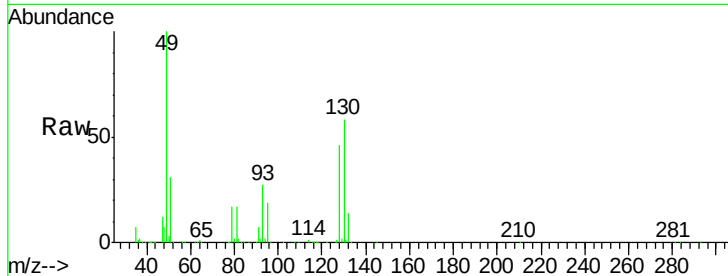
49 100

128 46.6 23.5 70.6

130 60.5 29.1 87.4

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#15

Acetone

Concen: 0.276 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036695.D

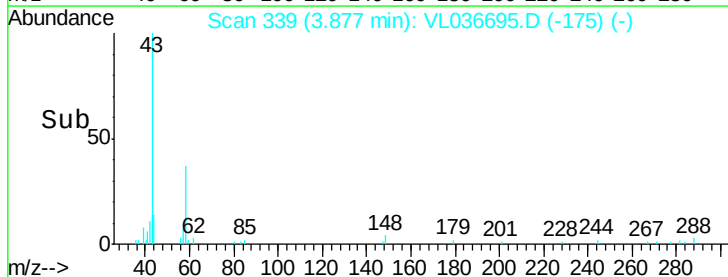
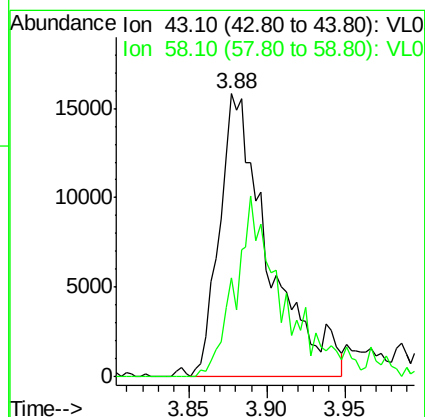
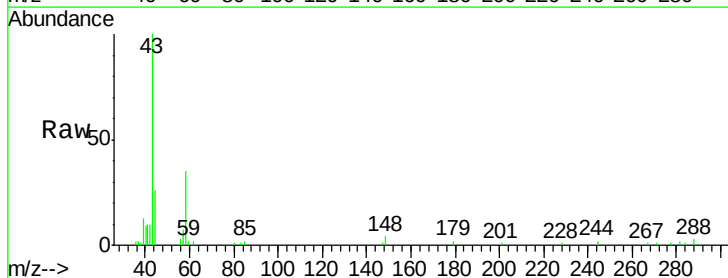
Acq: 6 Apr 2021 5:31

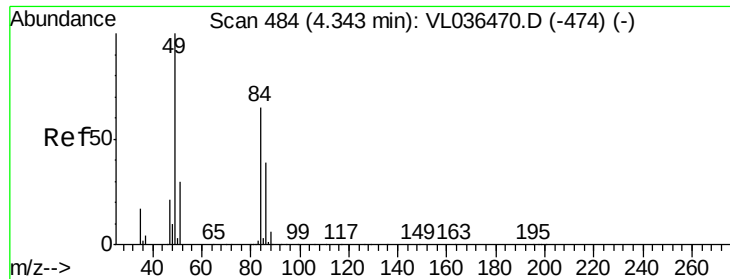
Tgt Ion: 43 Resp: 34886

Ion Ratio Lower Upper

43 100

58 61.5 21.2 31.8#





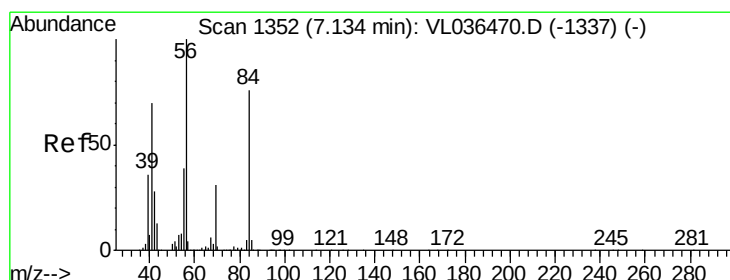
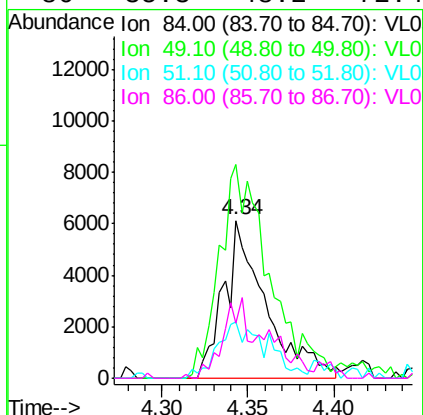
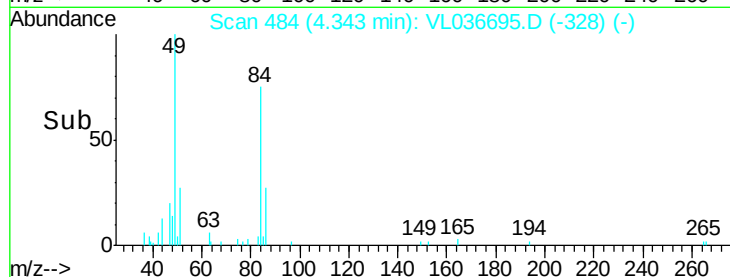
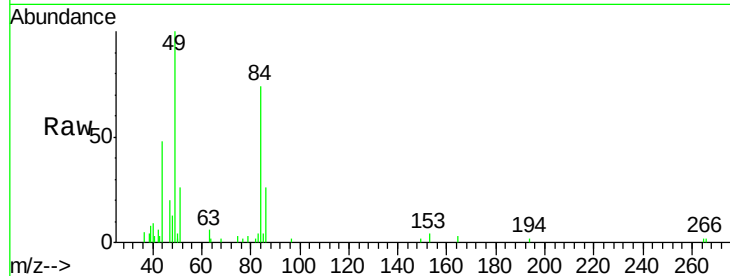
#20
Methylene Chloride
Concen: 0.175 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036695.D
Acq: 6 Apr 2021 5:31

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	135.5	122.9	184.3	
51	35.9	36.9	55.3#	
86	35.3	48.2	72.4#	

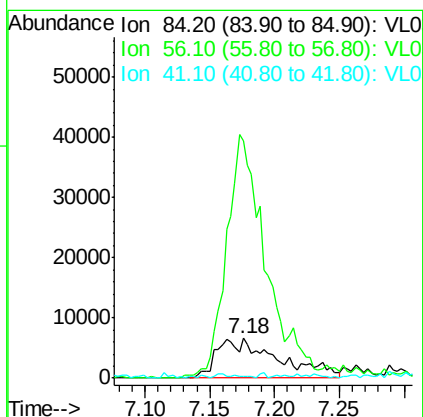
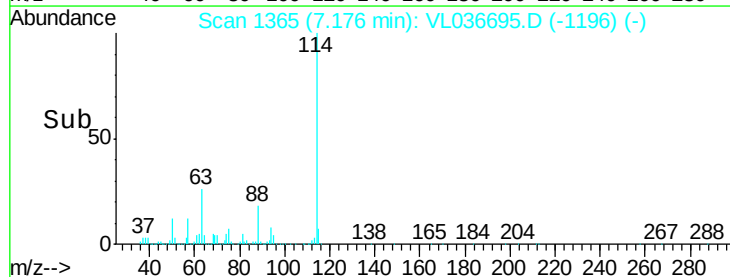
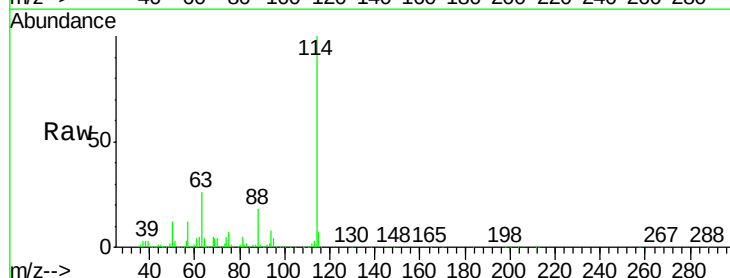
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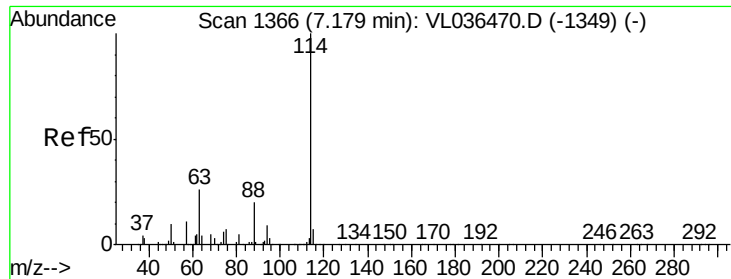
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#30
Cyclohexane
Concen: 0.191 ppbv m
RT: 7.18 min Scan# 1365
Delta R.T. 0.04 min
Lab File: VL036695.D
Acq: 6 Apr 2021 5:31

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
56	0.0	114.6	171.8#	
41	4.2	75.3	112.9#	





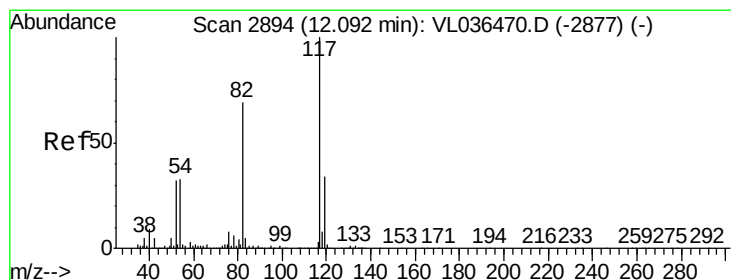
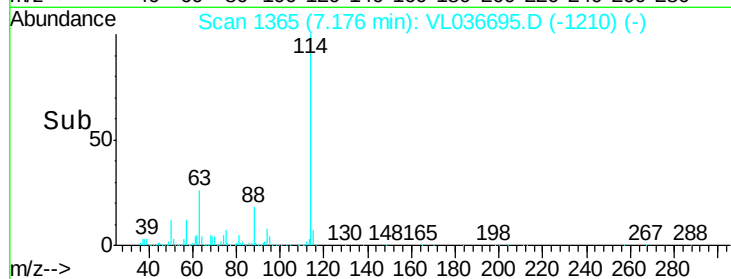
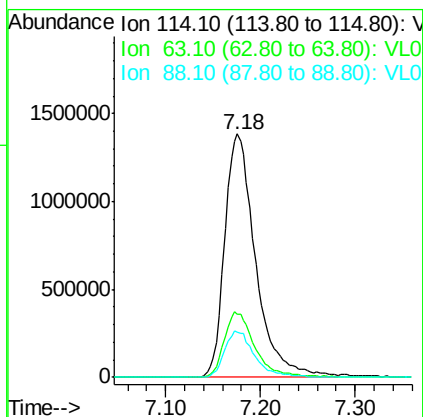
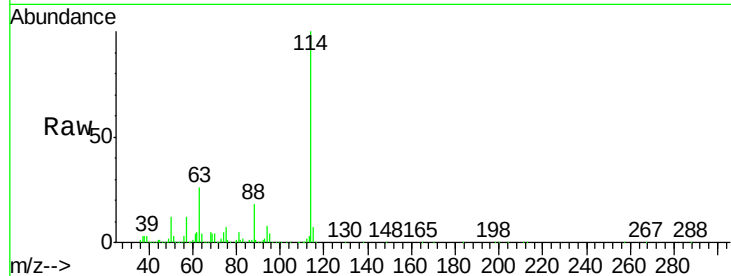
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL036695.D
 Acq: 6 Apr 2021 5:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.8	15.4	23.0

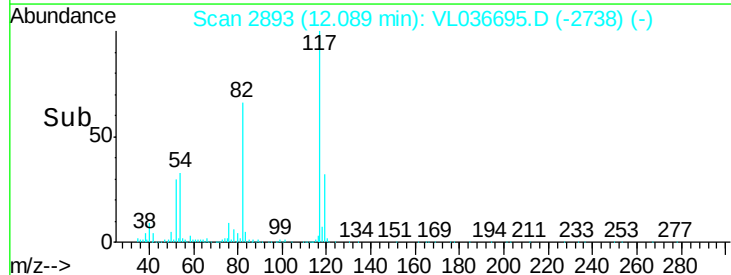
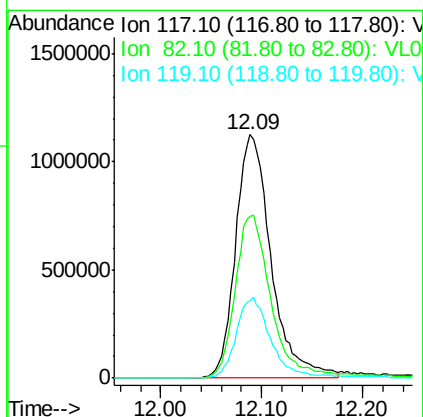
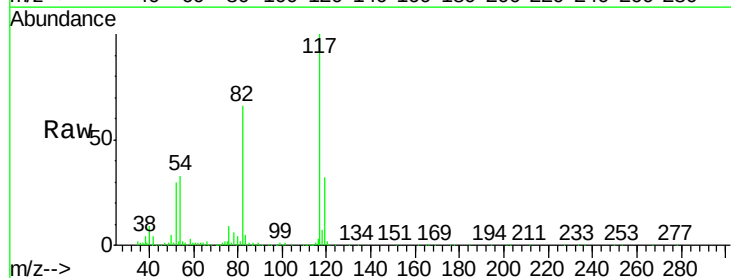
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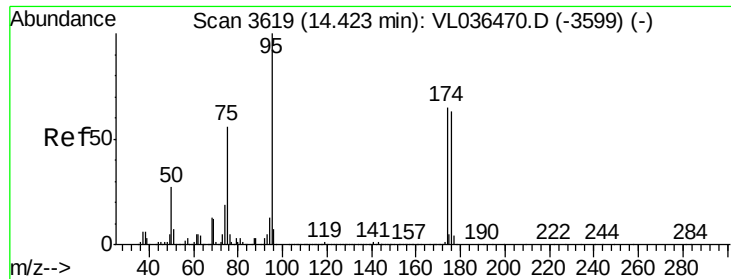
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: VL036695.D
 Acq: 6 Apr 2021 5:31

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 :
 VIBLK

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

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