

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037263.D
 Acq On : 30 Jun 2021 00:06
 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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Quant Time: Jun 30 07:11:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1597217	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4688056	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4089188	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3046968	9.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	55034m	0.306	ppbv	
20) Methylene Chloride	4.34	84	28457m	0.264	ppbv	
34) 2-Butanone	5.27	43	19388m	0.106	ppbv	

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

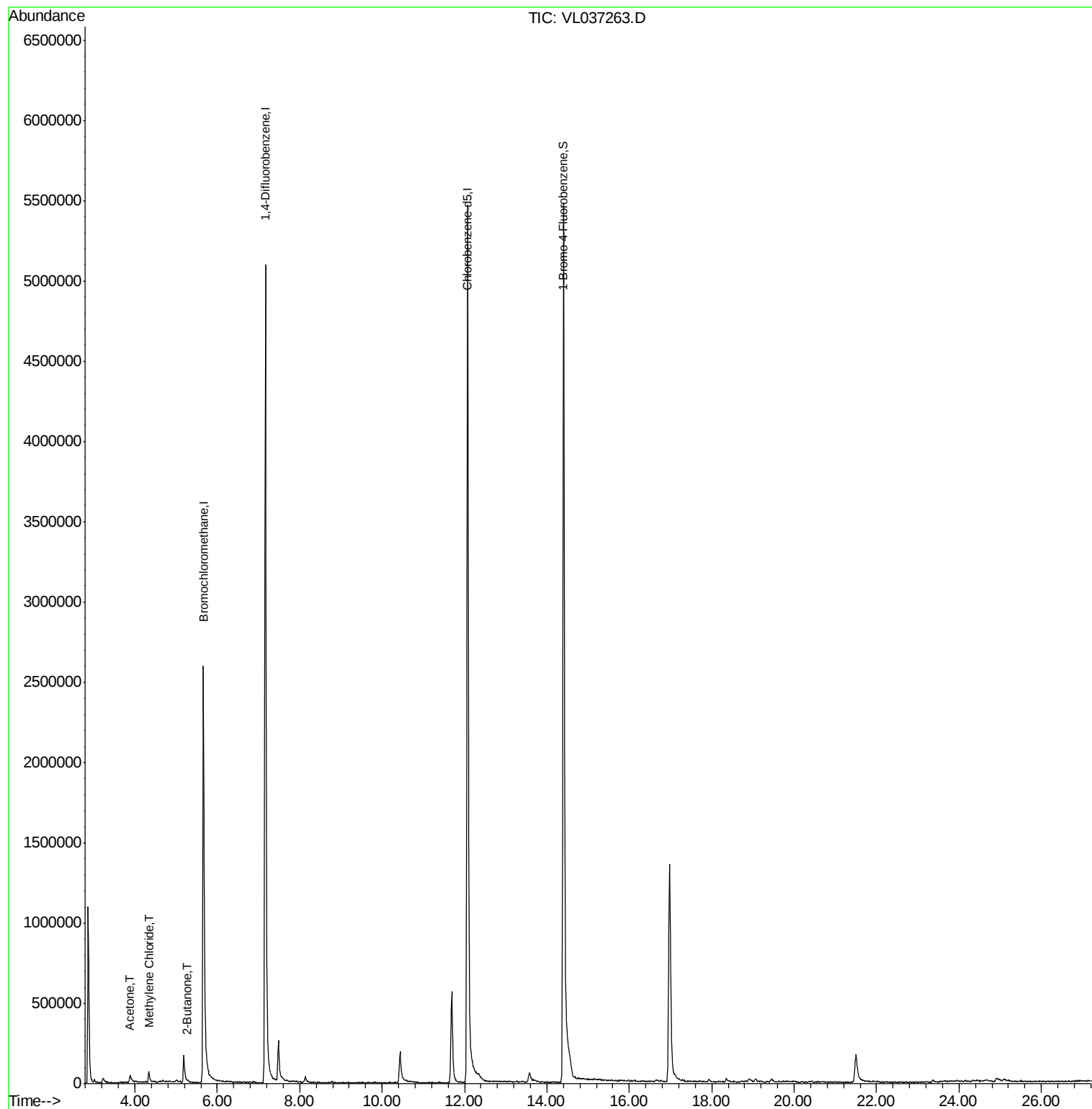
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062921\
Data File : VL037263.D
Acq On : 30 Jun 2021 00:06
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
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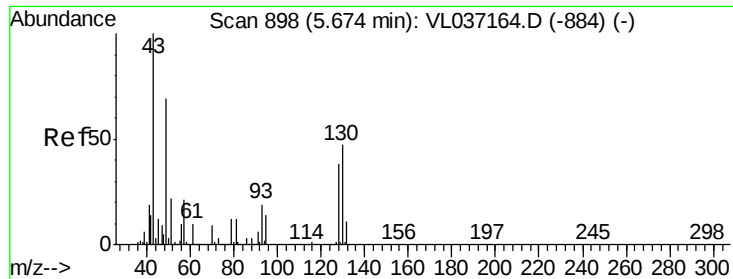
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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Quant Time: Jun 30 07:11:27 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL037263.D

Acq: 30 Jun 2021 00:06

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1597217

Ion Ratio Lower Upper

49 100

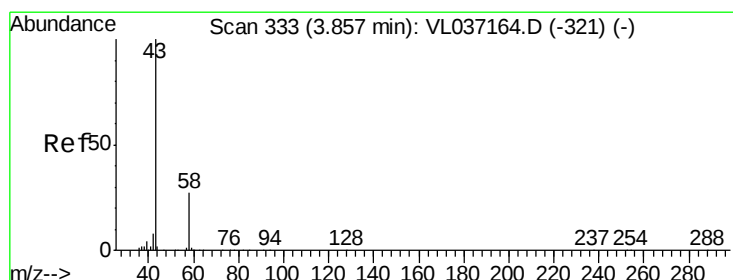
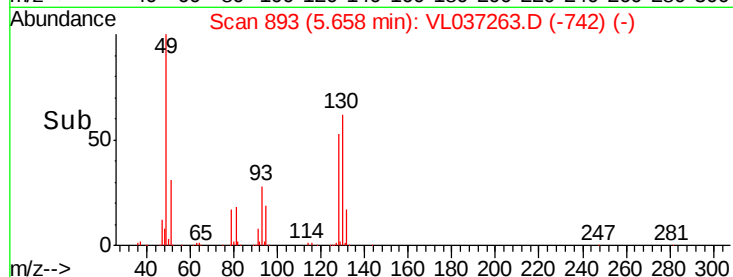
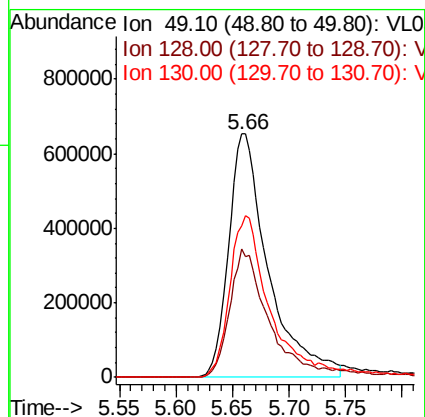
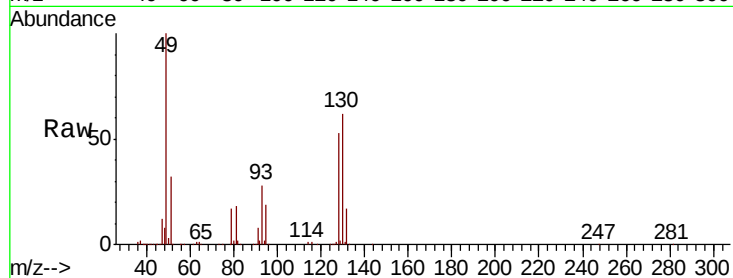
128 55.0 29.3 88.0

130 71.6 35.9 107.8

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#15

Acetone

Concen: 0.306 ppbv m

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL037263.D

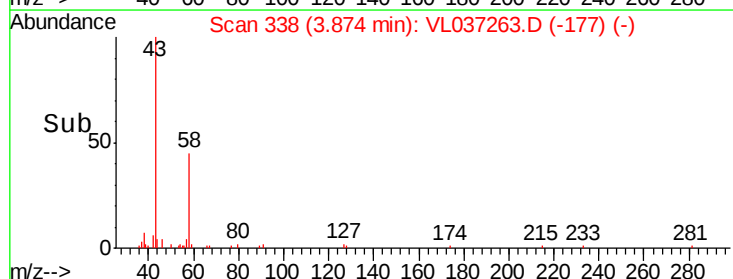
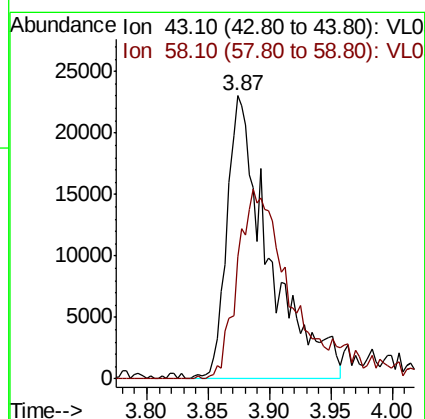
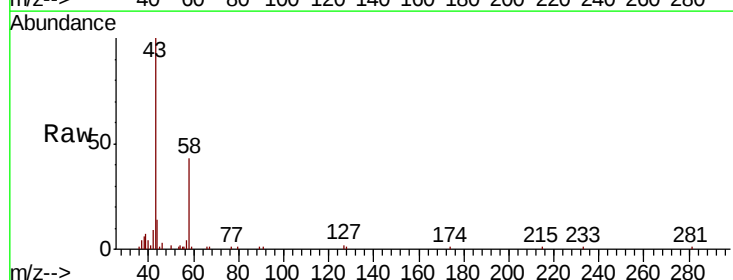
Acq: 30 Jun 2021 00:06

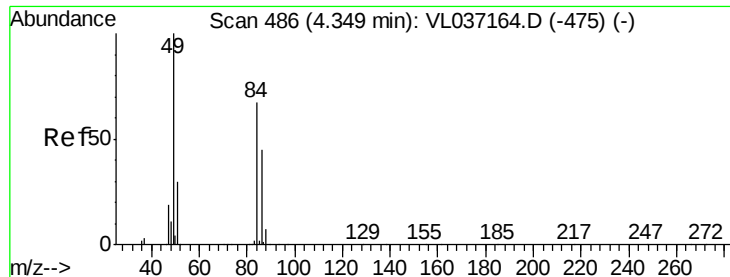
Tgt Ion: 43 Resp: 55034

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#





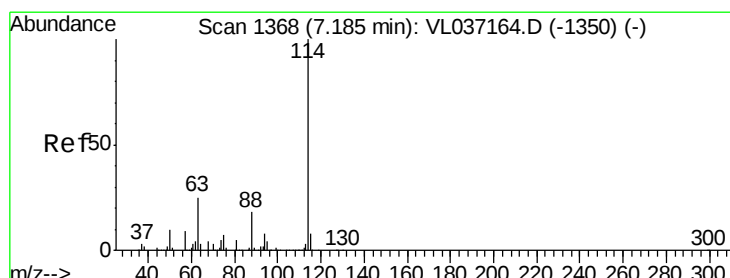
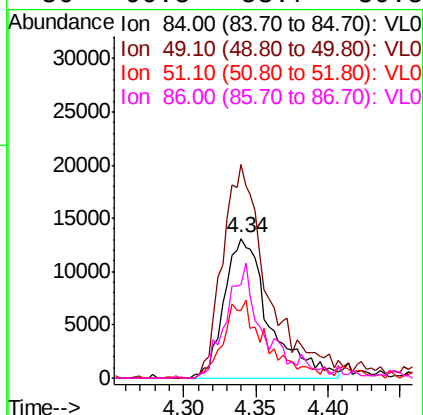
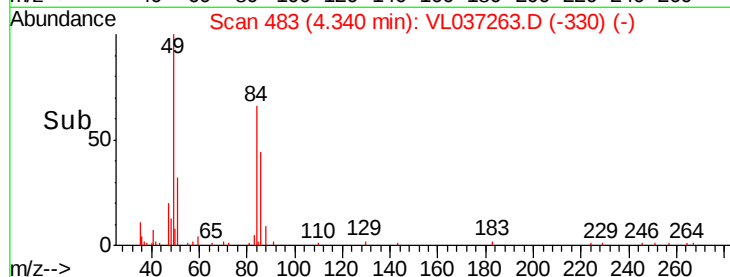
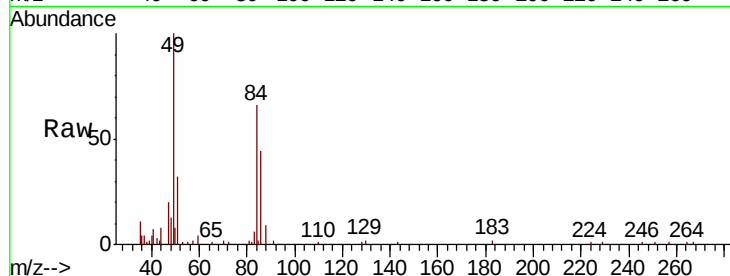
#20
Methvlene Chloride
Concen: 0.264 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	152.6	119.7	179.5	
51	48.5	36.1	54.1	
86	66.5	53.7	80.5	

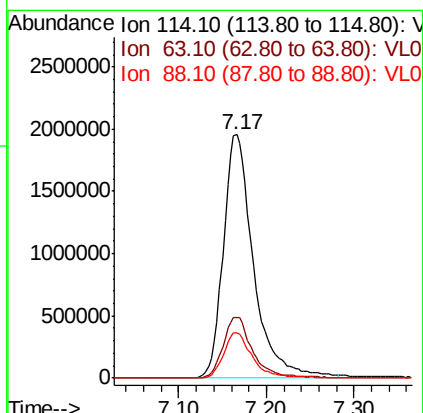
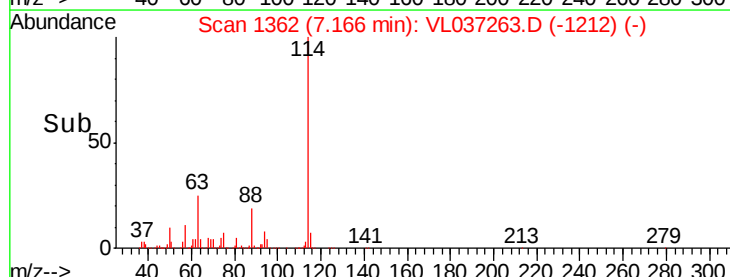
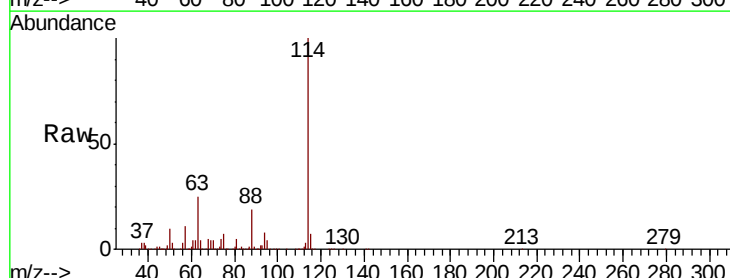
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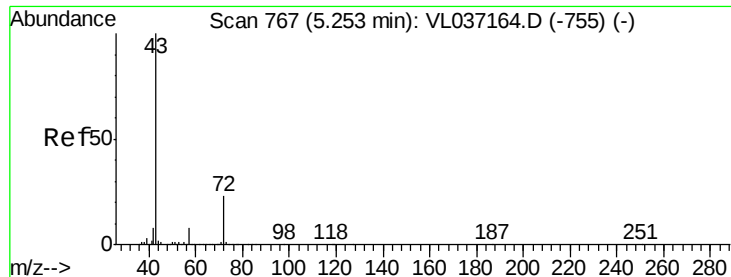
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	24.8	19.6	29.4	
88	18.2	14.2	21.2	





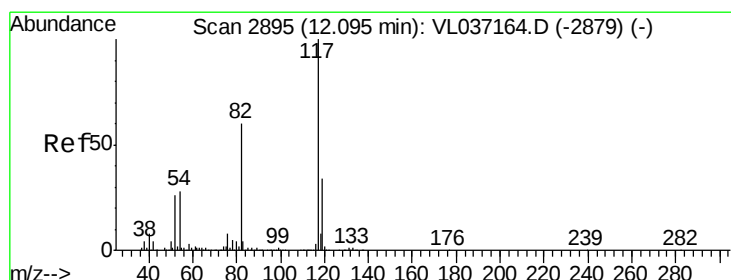
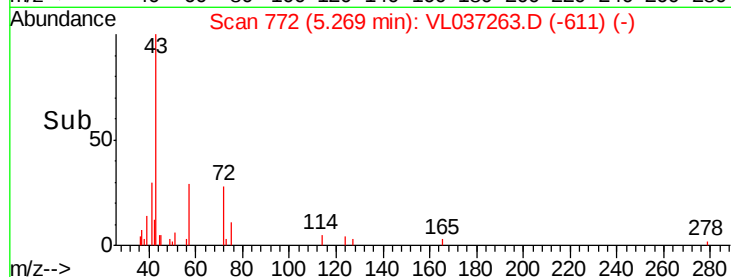
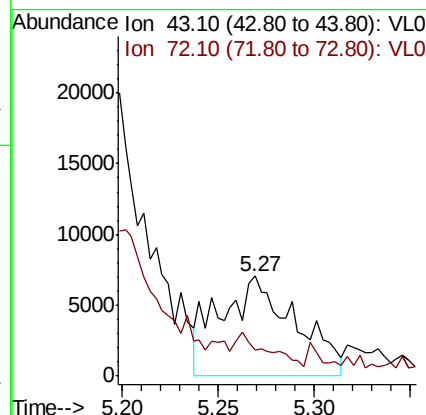
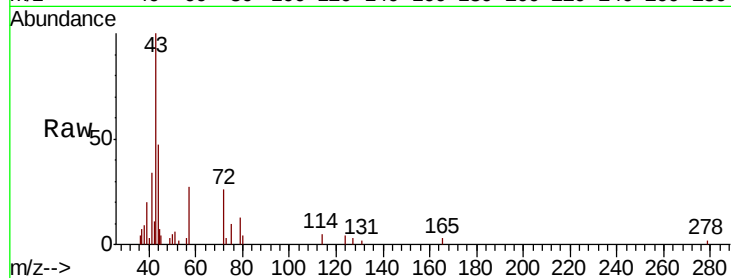
#34
2-Butanone
Concen: 0.106 ppbv m
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 43 Resp: 19388
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

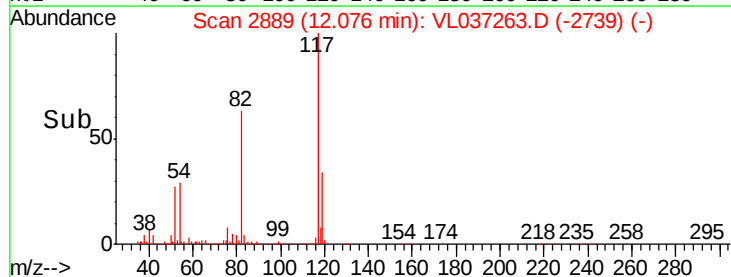
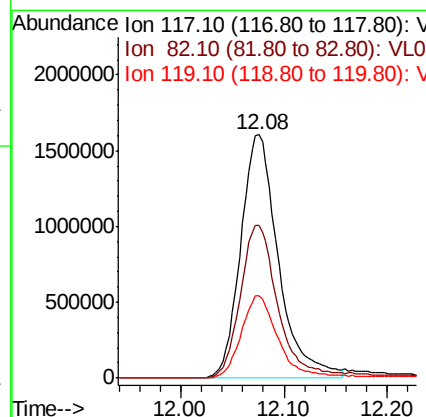
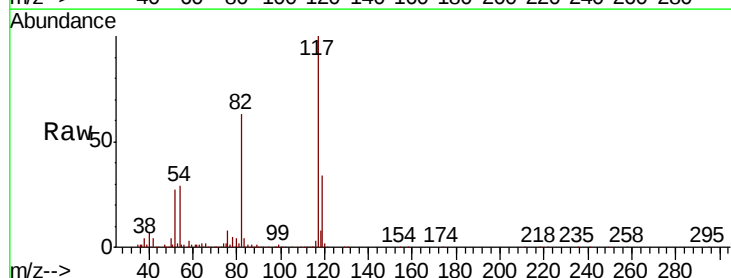
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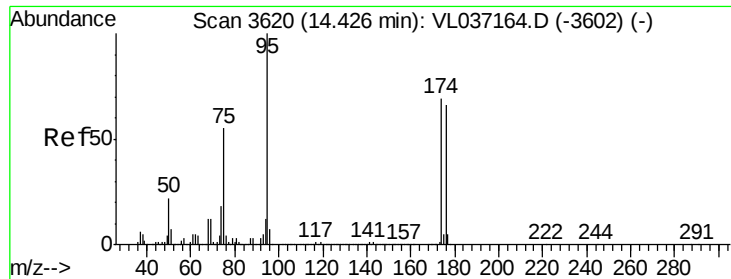
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Tgt Ion: 117 Resp: 4089188
Ion Ratio Lower Upper
117 100
82 67.8 51.7 77.5
119 34.2 47.6 71.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.833 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.02 min
 Lab File: VL037263.D
 Acq: 30 Jun 2021 00:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.3	57.0	85.4
175	5.9	4.4	6.6

Manual Integrations
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