

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037233.D
 Acq On : 23 Jun 2021 1:47
 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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 6/24/2021 4:33:39 PM

Quant Time: Jun 23 08:41:39 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	1473146	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4332129	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3732993	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2657946	9.40	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	55604m	0.335	ppbv	
20) Methylene Chloride	4.34	84	37665	0.379	ppbv #	88
26) Hexane	5.69	57	18019	0.099	ppbv #	41
34) 2-Butanone	5.27	43	33400m	0.198	ppbv	

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

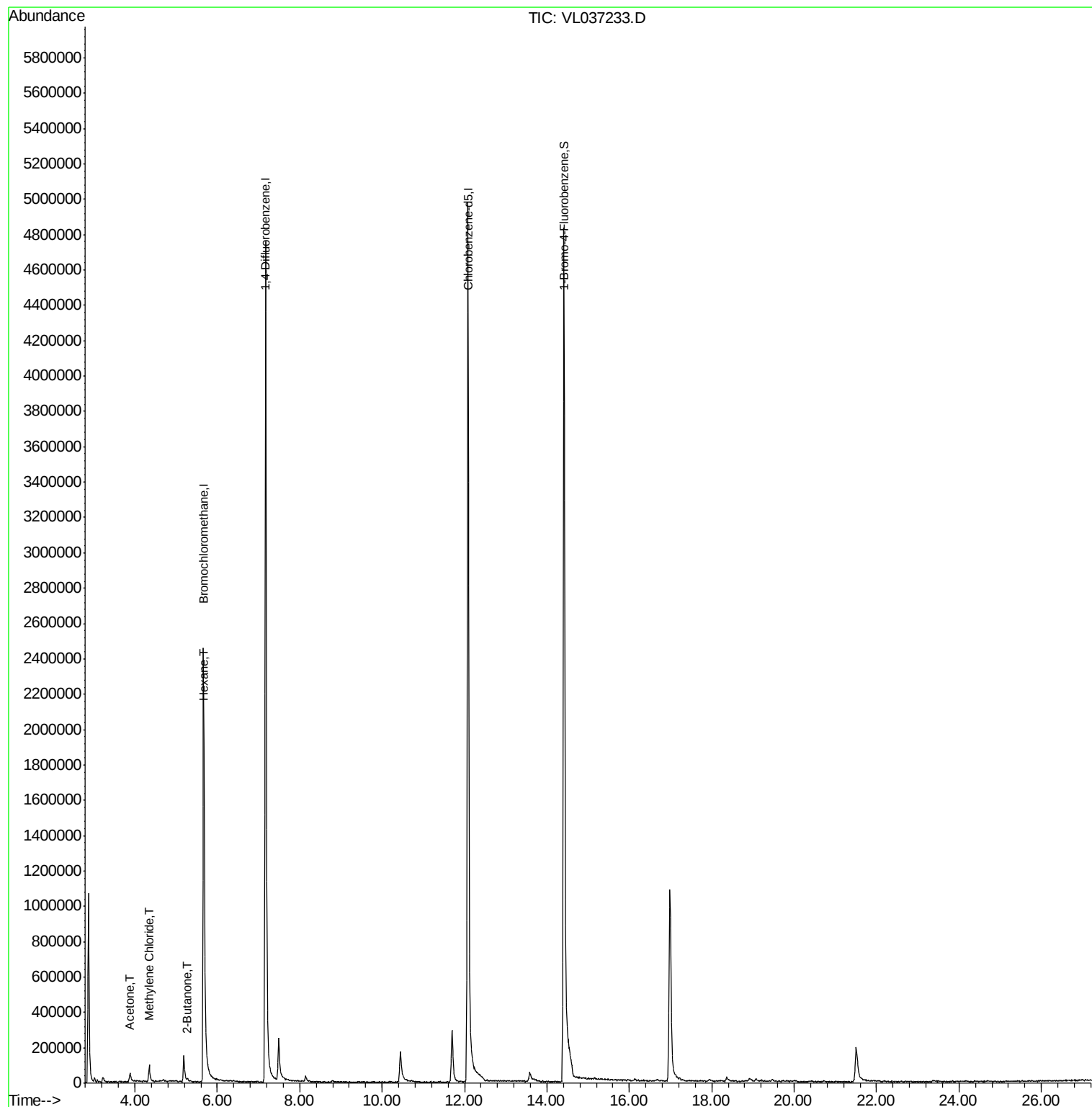
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062221\
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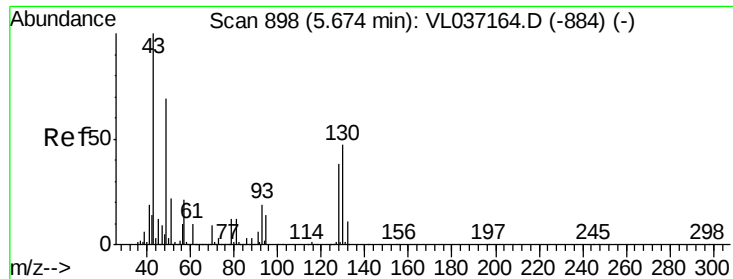
Instrument :
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Quant Time: Jun 23 08:41:39 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL037233.D

Acq: 23 Jun 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1473146

Ion Ratio Lower Upper

49 100

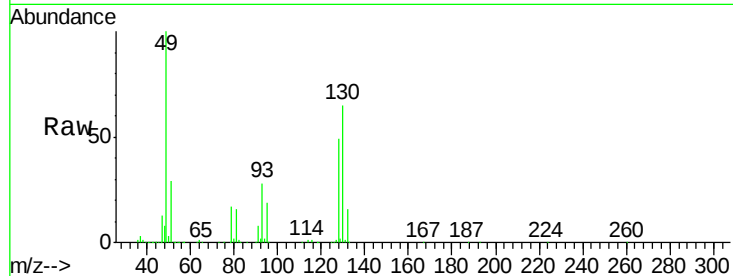
128 56.7 29.3 88.0

130 72.2 35.9 107.8

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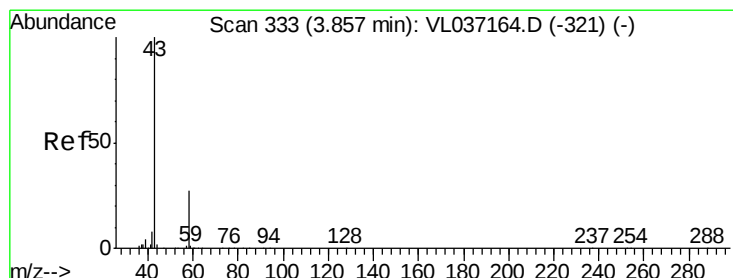
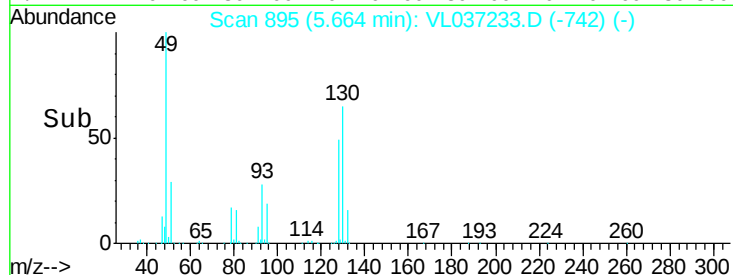
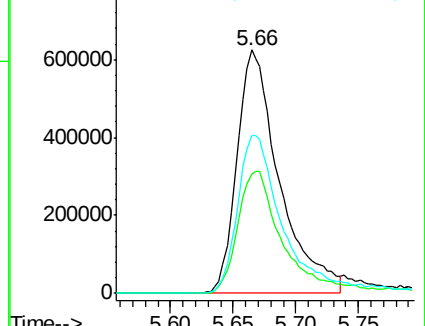
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.335 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.01 min

Lab File: VL037233.D

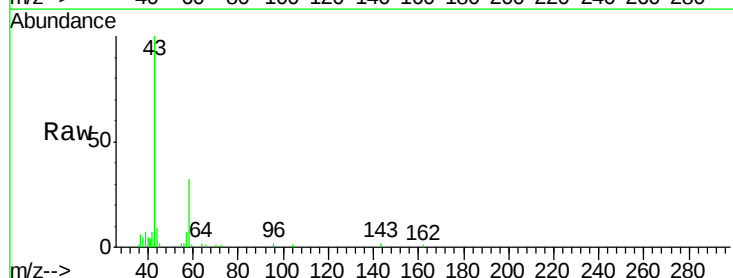
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Tgt Ion: 43 Resp: 55604

Ion Ratio Lower Upper

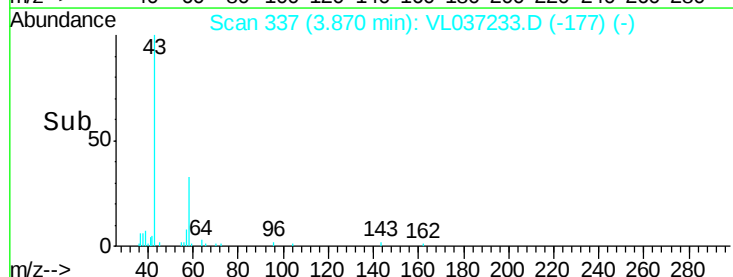
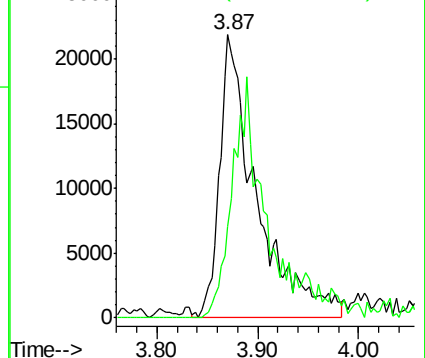
43 100

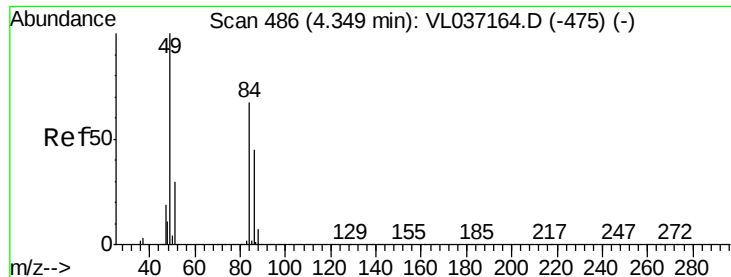
58 0.0 23.7 35.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





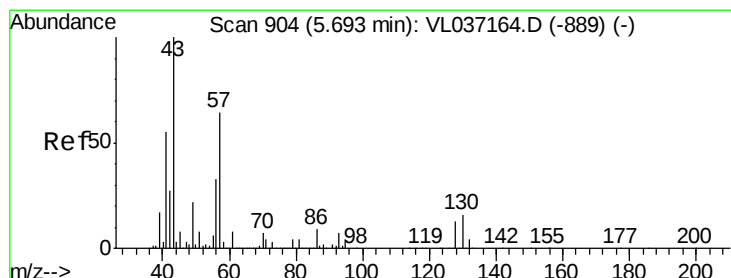
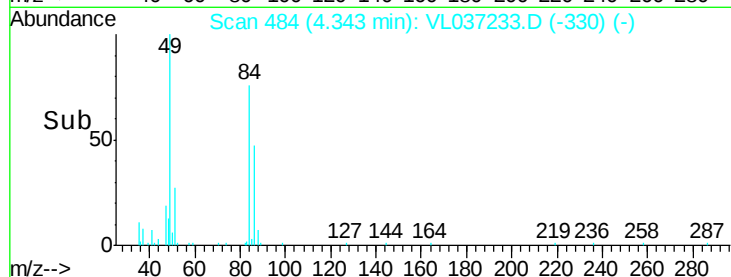
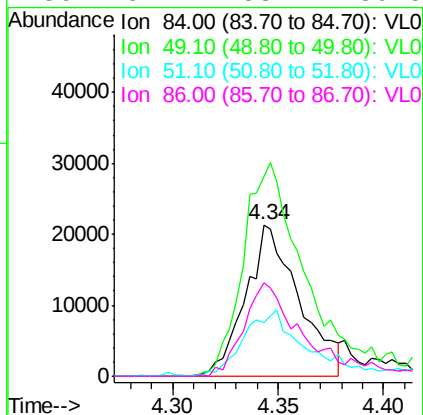
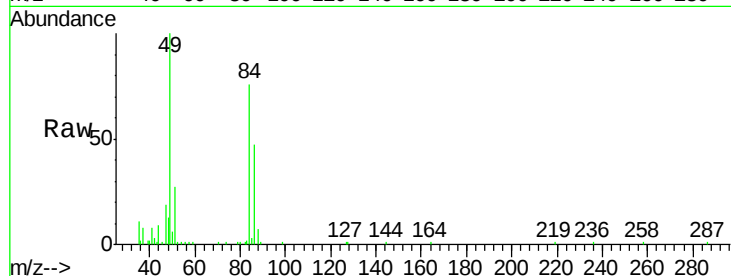
#20
Methvlene Chloride
Concen: 0.379 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL037233.D
Acq: 23 Jun 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.9	119.7	179.5
51	35.8	36.1	54.1#
86	62.2	53.7	80.5

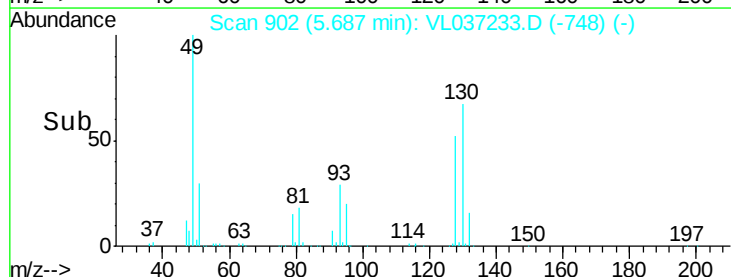
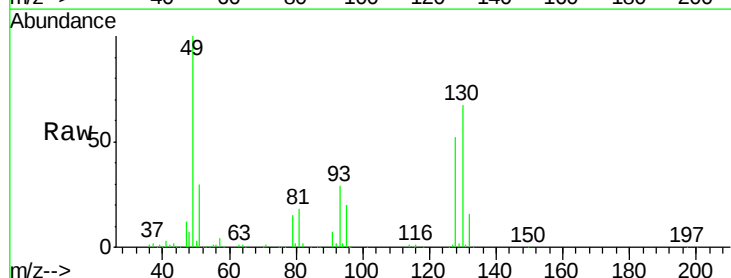
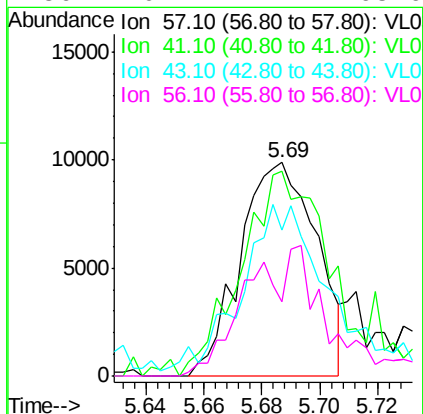
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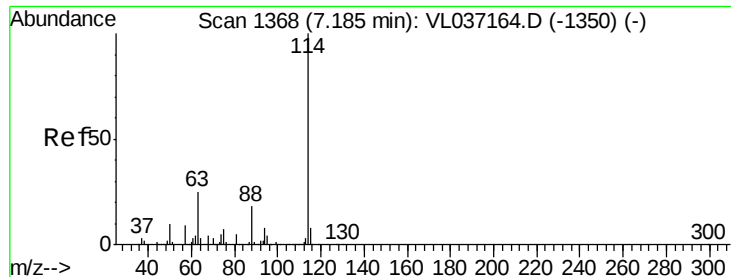
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#26
Hexane
Concen: 0.099 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037233.D
Acq: 23 Jun 2021 1:47

Tgt Ion	Ratio	Lower	Upper
57	100		
41	124.0	73.5	110.3#
43	90.7	170.7	256.1#
56	70.1	42.4	63.6#





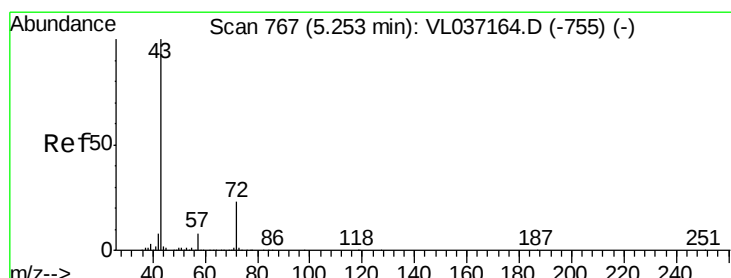
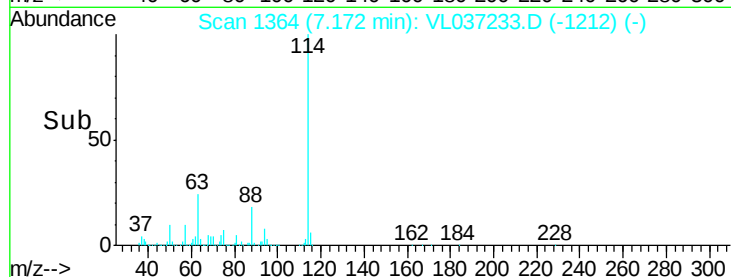
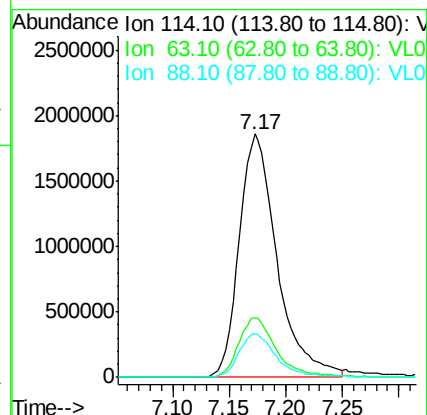
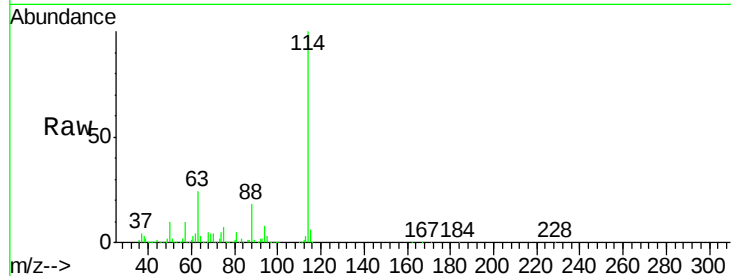
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL037233.D
 Acq: 23 Jun 2021 1:47

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.6	29.4
88	18.3	14.2	21.2

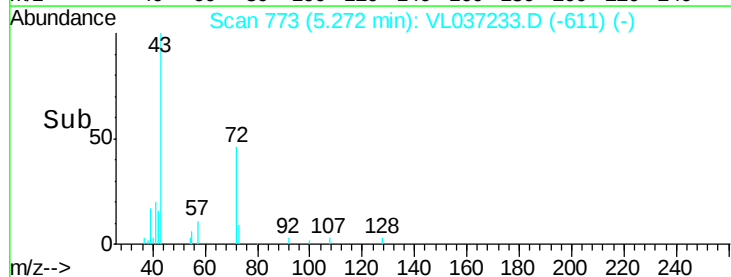
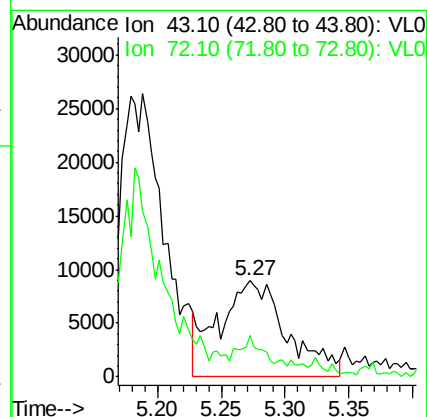
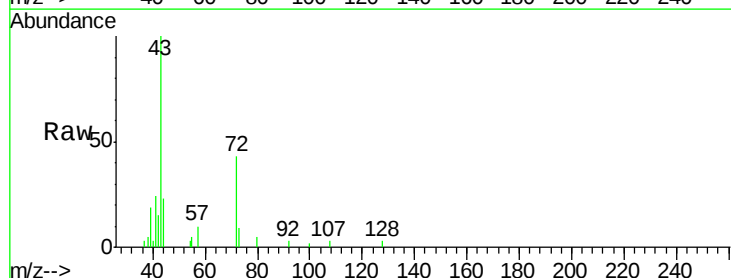
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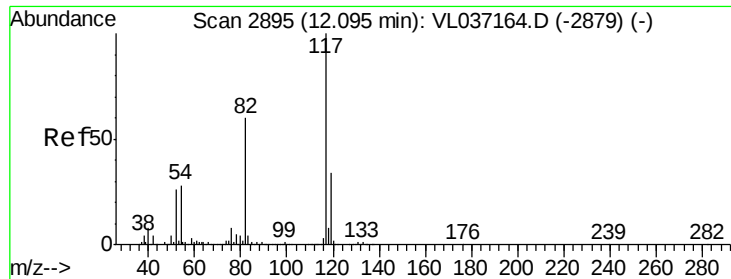
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#34
 2-Butanone
 Concen: 0.198 ppbv m
 RT: 5.27 min Scan# 773
 Delta R.T. 0.02 min
 Lab File: VL037233.D
 Acq: 23 Jun 2021 1:47

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3





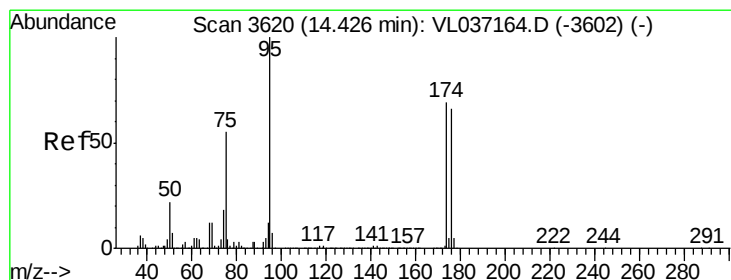
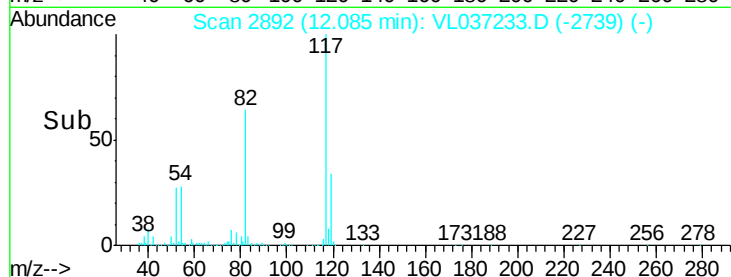
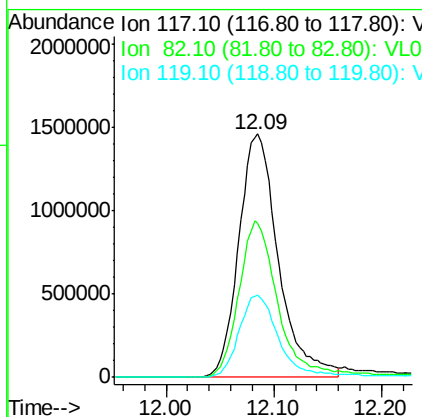
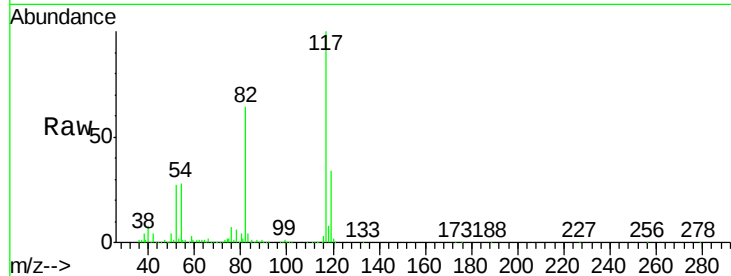
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037233.D
Acq: 23 Jun 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.6	51.7	77.5
119	35.1	47.6	71.4#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.396 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL037233.D
Acq: 23 Jun 2021 1:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	57.0	85.4
175	5.3	4.4	6.6

