

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036529.D
 Acq On : 27 Mar 2021 1:08
 Operator : SY/AP
 Sample : M1760-17DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-TEACHERS-WORK-RMDL

Manual Integrations
 APPROVED

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 3/29/2021 4:40:08 PM

Quant Time: Mar 28 21:35:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	5.66	49	1312751	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2961857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2608025	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2045381	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	141782m	15.227	ppbv	
15) Acetone	3.85	43	132006	1.022	ppbv	# 73
19) Isopropyl Alcohol	3.99	45	37450m	0.527	ppbv	
20) Methylene Chloride	4.34	84	84698m	1.400	ppbv	

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

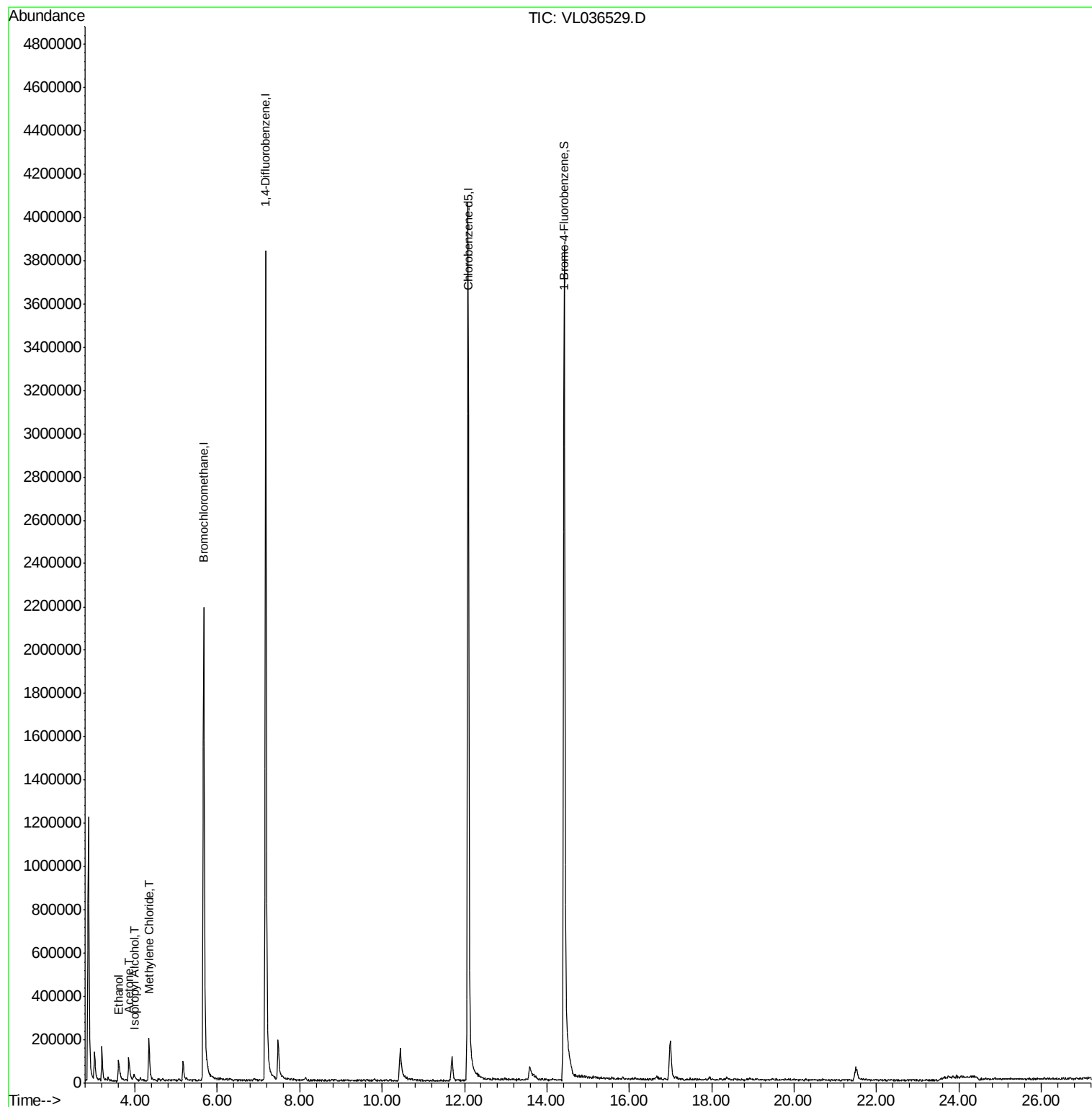
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036529.D

Acq: 27 Mar 2021 1:08

Instrument :

MSVOA_L

ClientSampleId :

SS-5-TEACHERS-WORK-RMDL

Tot Ion: 49 Resp: 1312751

Ion Ratio Lower Upper

49 100

128 44.1 23.5 70.6

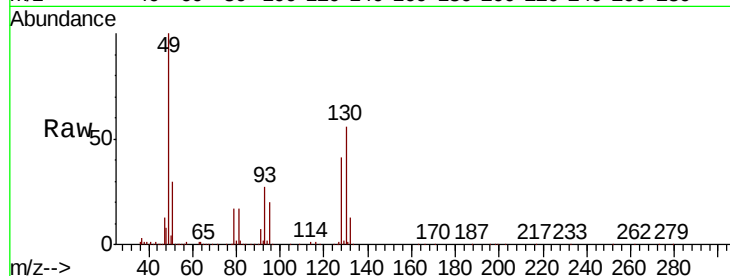
130 56.4 29.1 87.4

Manual Integrations

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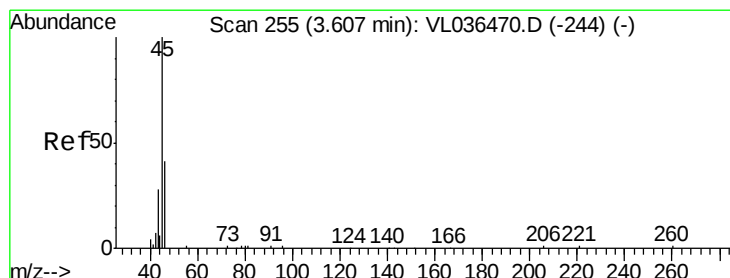
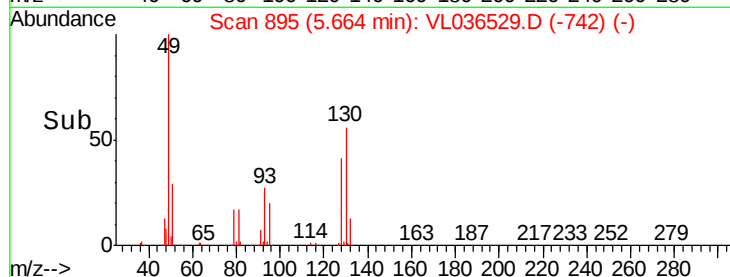
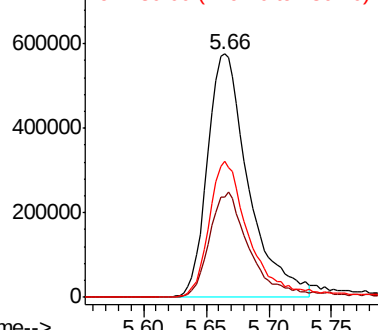
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 15.227 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL036529.D

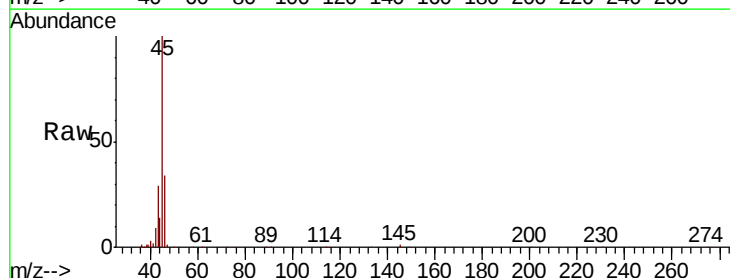
Acq: 27 Mar 2021 1:08

Tgt Ion: 45 Resp: 141782

Ion Ratio Lower Upper

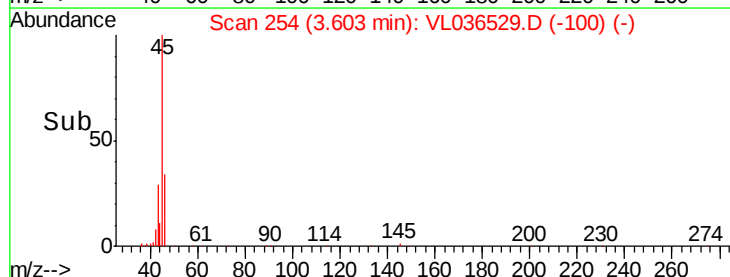
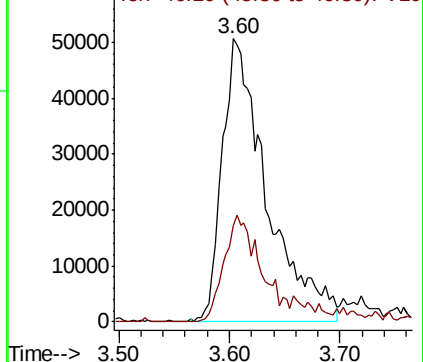
45 100

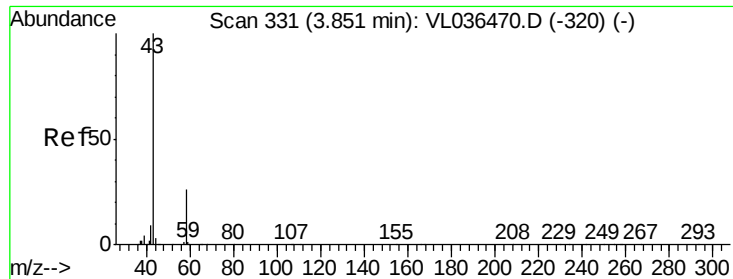
46 35.9 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





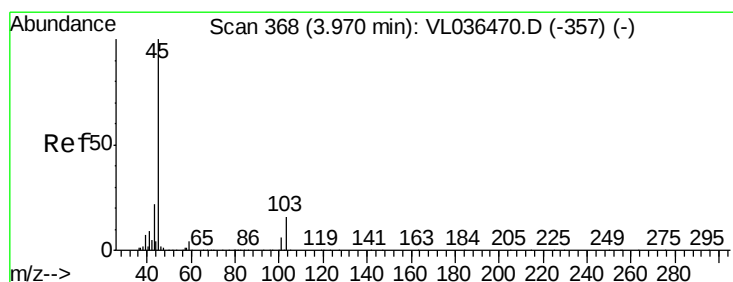
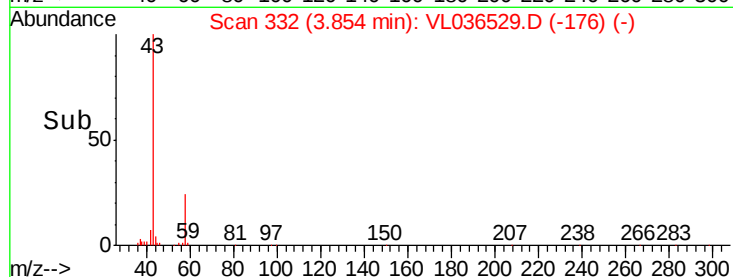
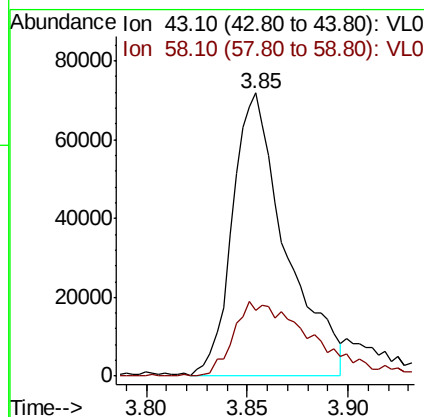
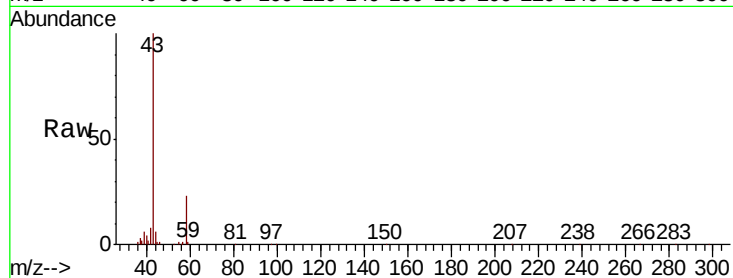
#15
Acetone
Concen: 1.022 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036529.D
Acq: 27 Mar 2021 1:08

Instrument :
MSVOA_L
ClientSampleId :
SS-5-TEACHERS-WORK-RMDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	21.2	31.8#

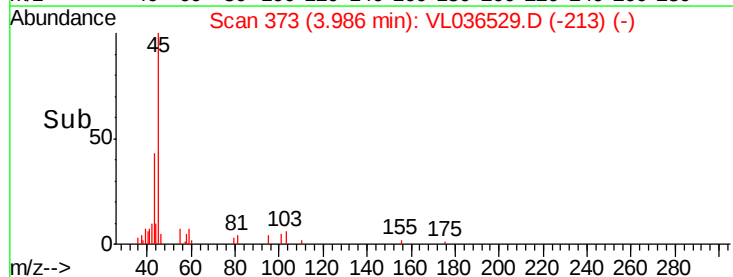
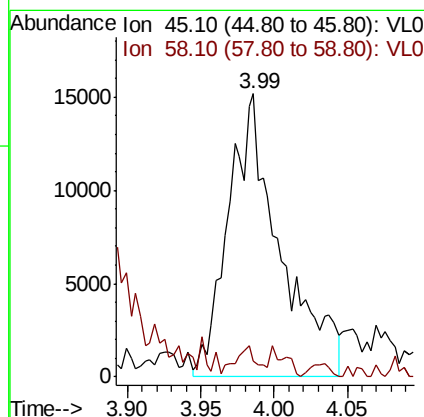
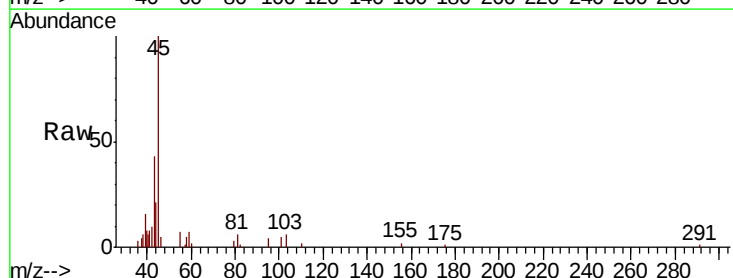
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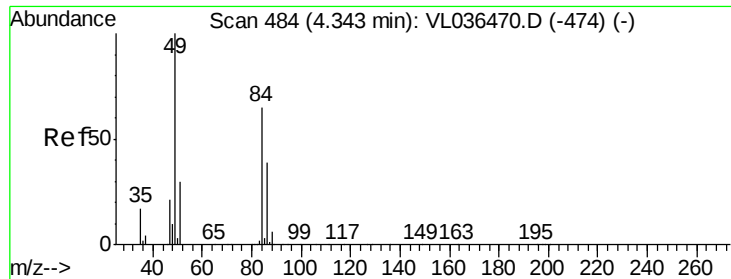
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#19
Isopropyl Alcohol
Concen: 0.527 ppbv m
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL036529.D
Acq: 27 Mar 2021 1:08

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#





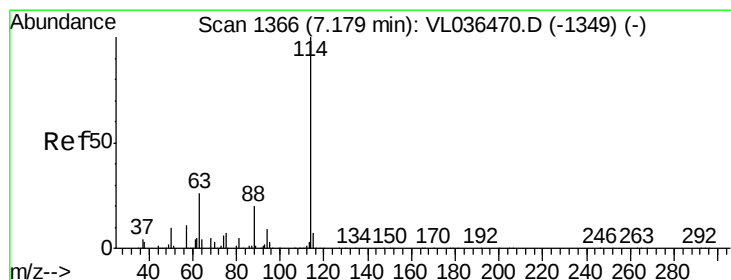
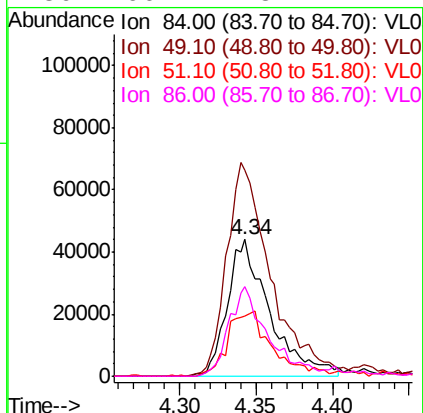
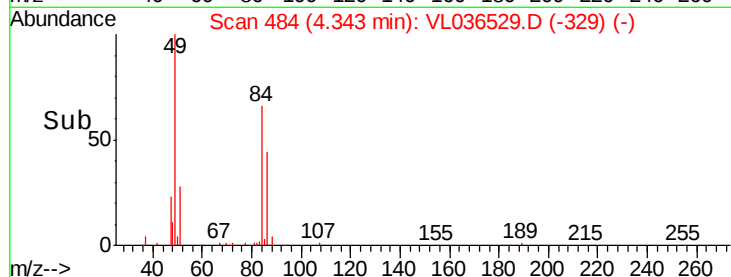
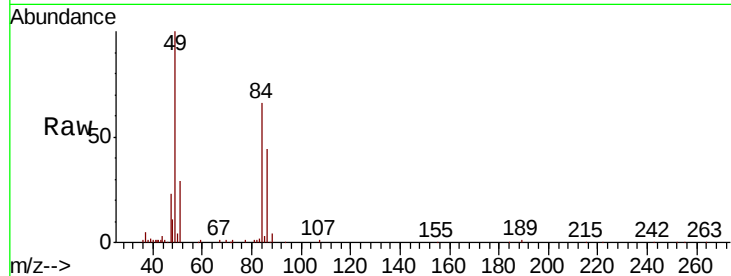
#20
Methvlene Chloride
Concen: 1.400 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036529.D
Acq: 27 Mar 2021 1:08

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:	84	Resp:	84698
Ion	Ratio	Lower	Upper
84	100		
49	150.9	122.9	184.3
51	44.4	36.9	55.3
86	66.1	48.2	72.4

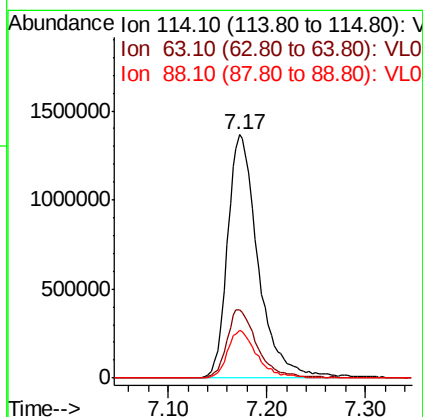
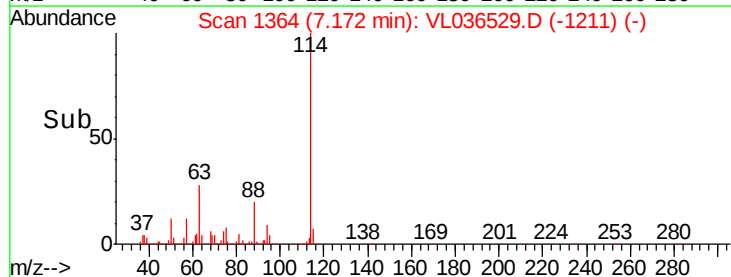
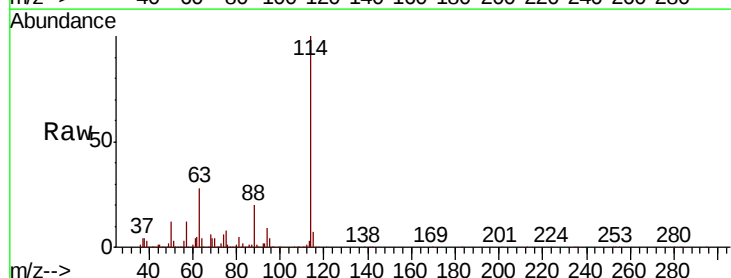
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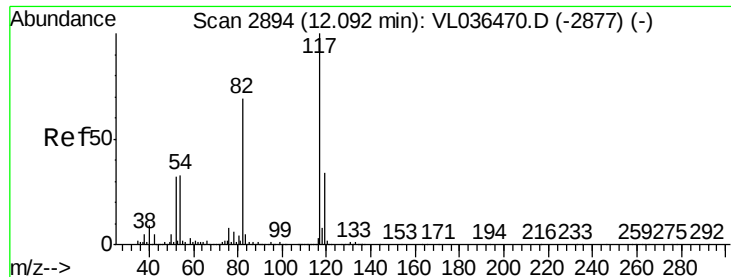
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036529.D
Acq: 27 Mar 2021 1:08

Tgt Ion:	114	Resp:	2961857
Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	19.3	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL036529.D

Acq: 27 Mar 2021 1:08

Instrument :

MSVOA_L

ClientSampleId :

SS-5-TEACHERS-WORK-RMDL

Tot Ion:117 Resp: 2608025

Ion Ratio Lower Upper

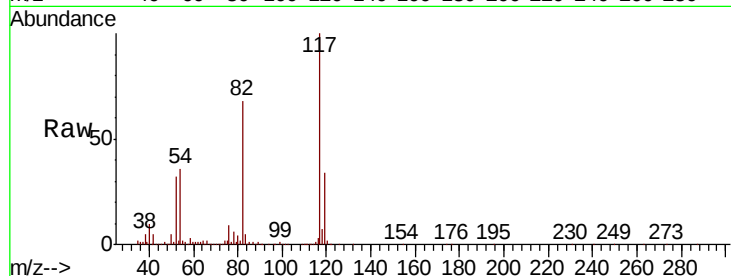
117 100

82 73.8 57.4 86.0

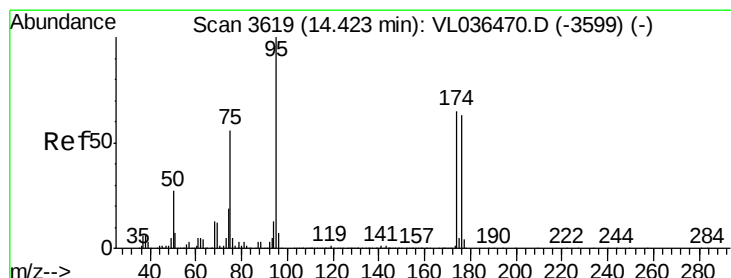
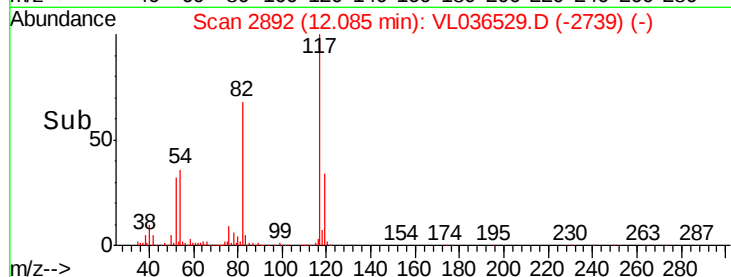
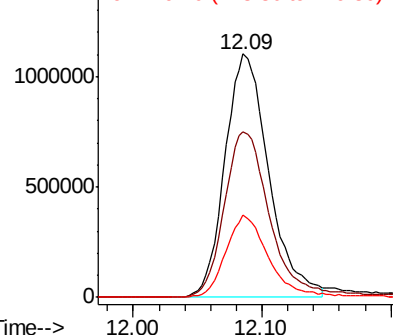
119 33.6 47.4 71.0#

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Abundance Ion 117.10 (116.80 to 117.80): V
1500000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.840 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036529.D

Acq: 27 Mar 2021 1:08

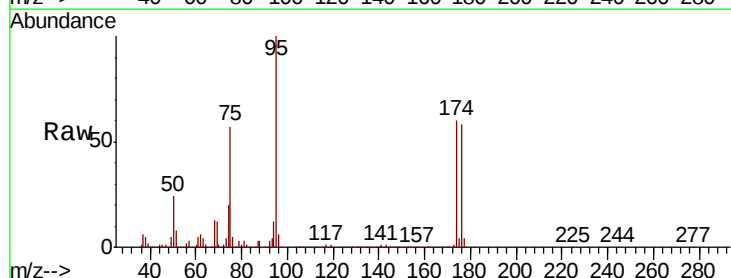
Tgt Ion: 95 Resp: 2045381

Ion Ratio Lower Upper

95 100

174 65.7 51.0 76.6

175 4.5 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
1000000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

