

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036755.D
 Acq On : 8 Apr 2021 18:02
 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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 4/12/2021 11:46:59 AM

Quant Time: Apr 09 09:25:40 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	5.66	49	1395174	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3462156	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2722019	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1539073	7.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	70.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	8090m	0.097	ppbv	
15) Acetone	3.87	43	49351m	0.359	ppbv	
20) Methylene Chloride	4.34	84	13492m	0.210	ppbv	

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

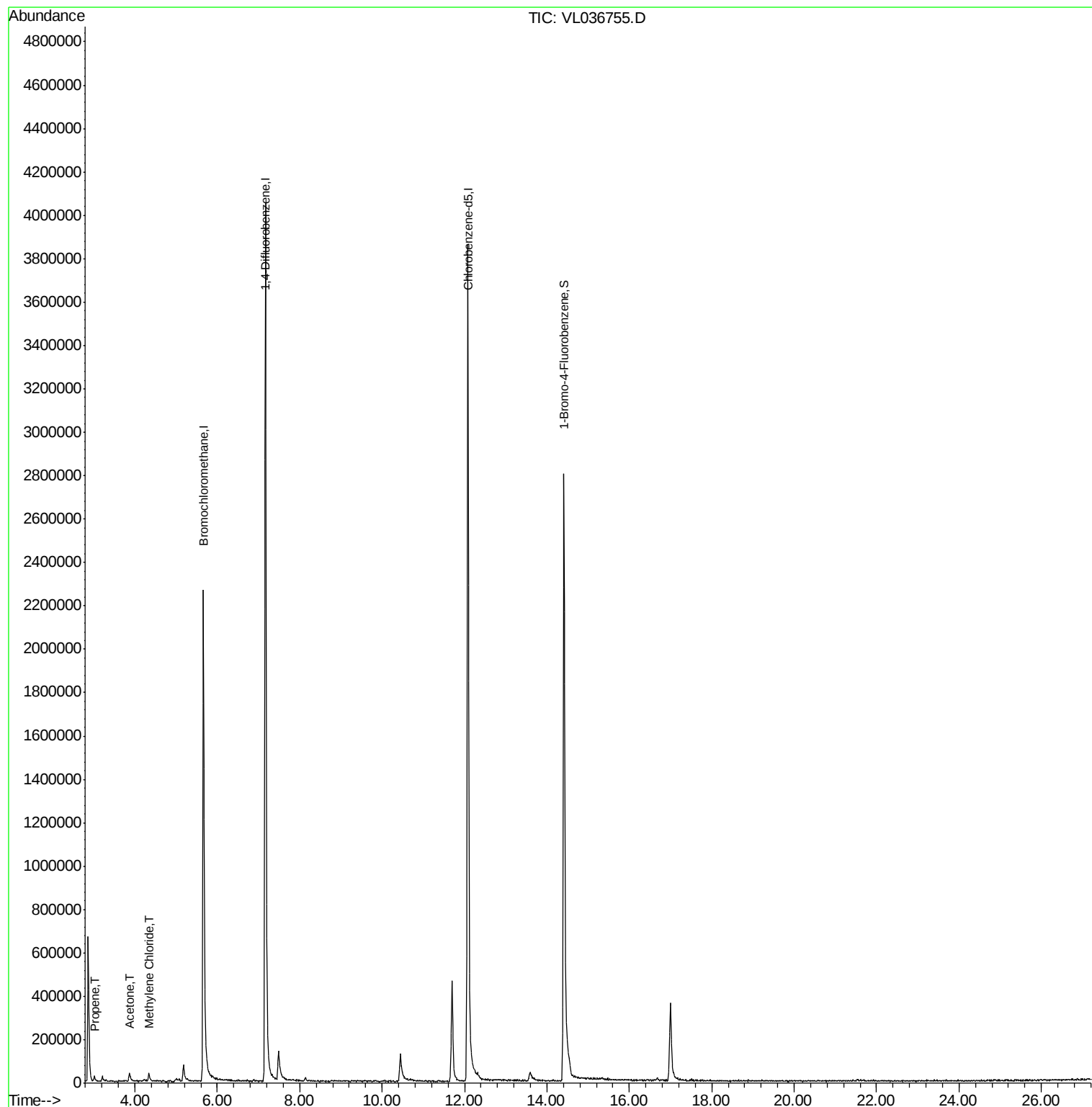
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040821\
Data File : VL036755.D
Acq On : 8 Apr 2021 18:02
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Misc : 400mL/MSVOA L
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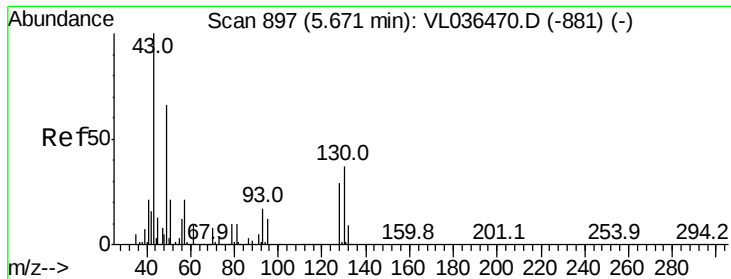
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Apr 09 09:25:40 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: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Instrument :

MSVOA_L

ClientSampleId :

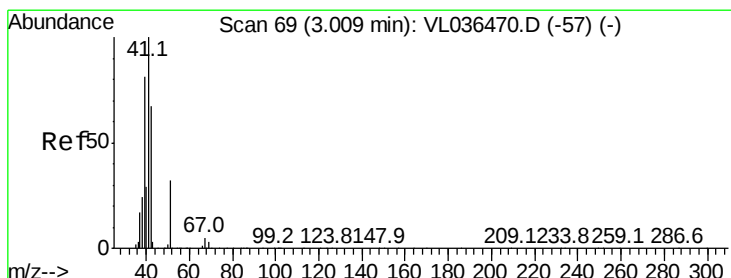
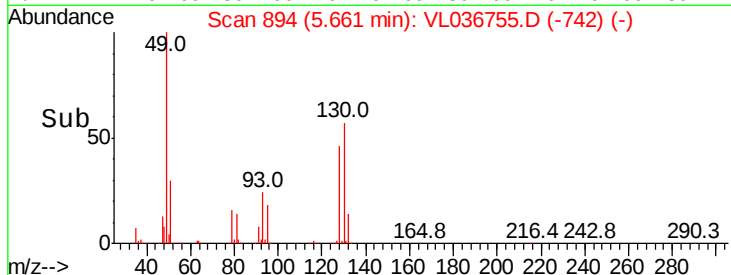
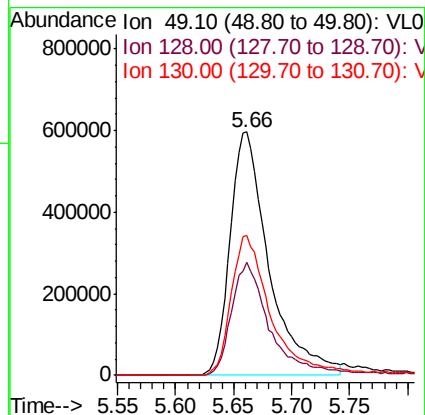
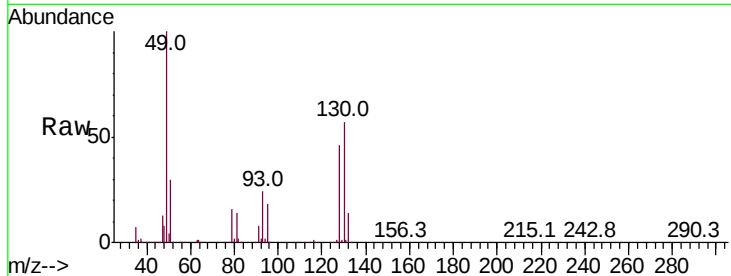
VIBLK

Tot Ion: 49 Resp: 1395174

Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.5	70.6
130	60.2	29.1	87.4

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#9

Propene

Concen: 0.097 ppbv m

RT: 3.01 min Scan# 70

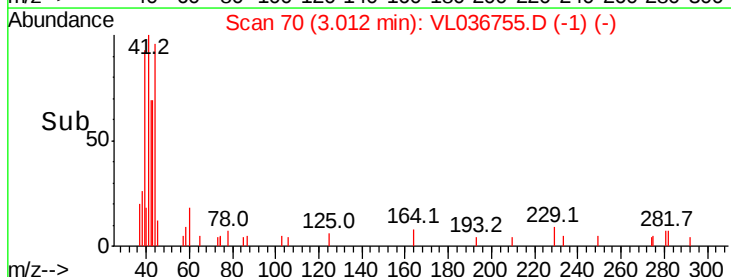
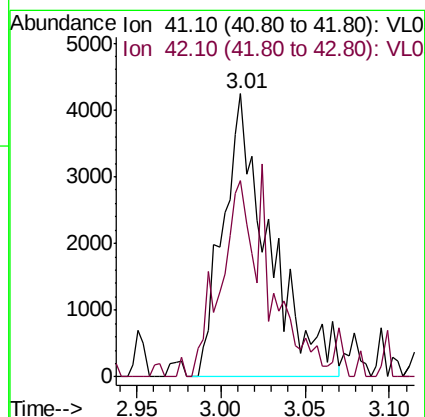
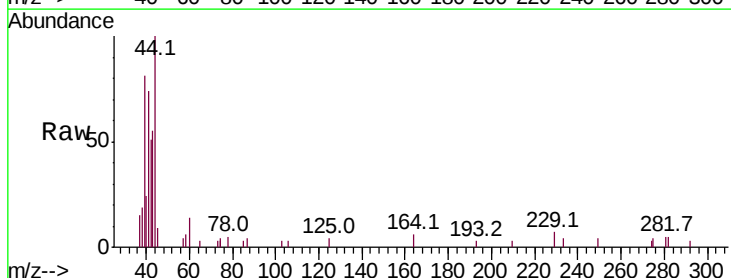
Delta R.T. 0.00 min

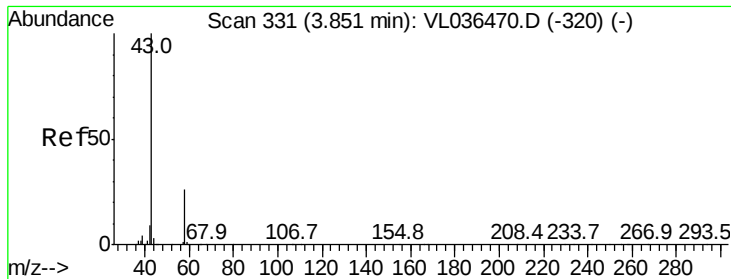
Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Tgt Ion: 41 Resp: 8090

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4





#15

Acetone

Concen: 0.359 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 43 Resp: 49351

Ion Ratio Lower Upper

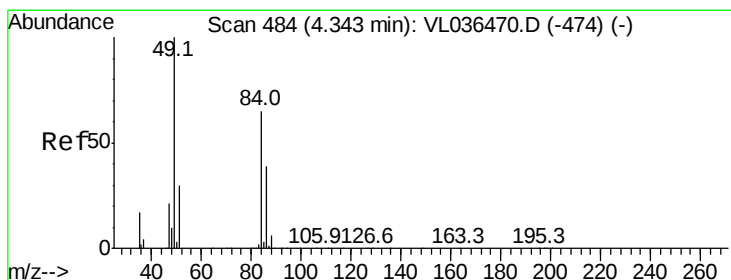
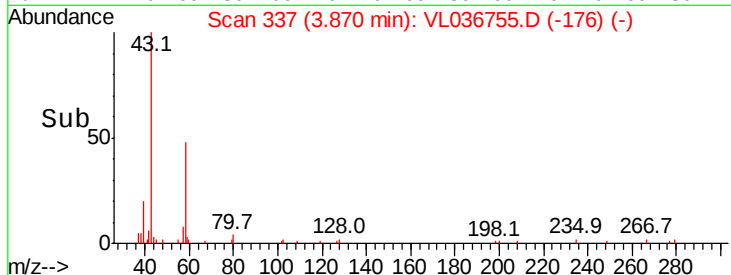
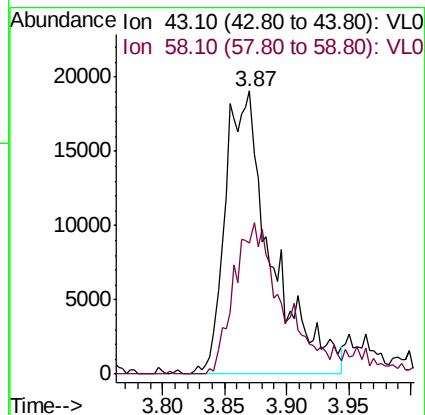
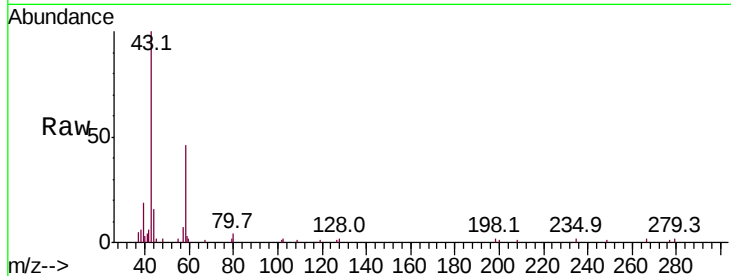
43 100

58 0.0 21.2 31.8#

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#20

Methylene Chloride

Concen: 0.210 ppbv m

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Tgt Ion: 84 Resp: 13492

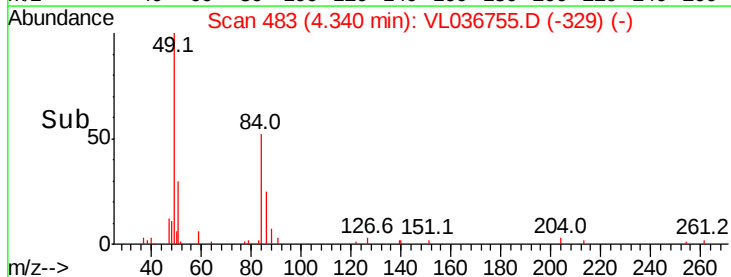
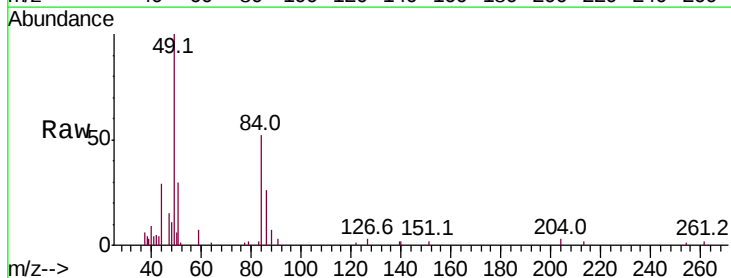
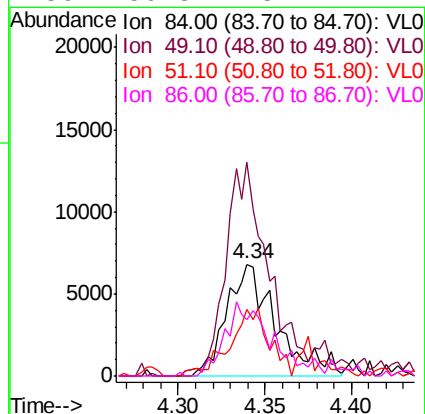
Ion Ratio Lower Upper

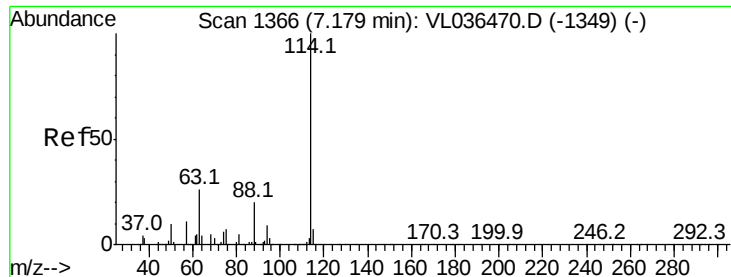
84 100

49 191.6 122.9 184.3#

51 57.0 36.9 55.3#

86 50.8 48.2 72.4





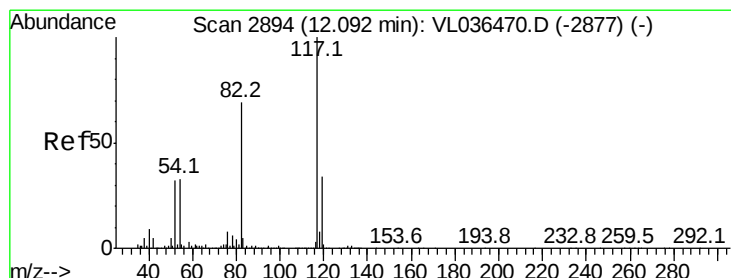
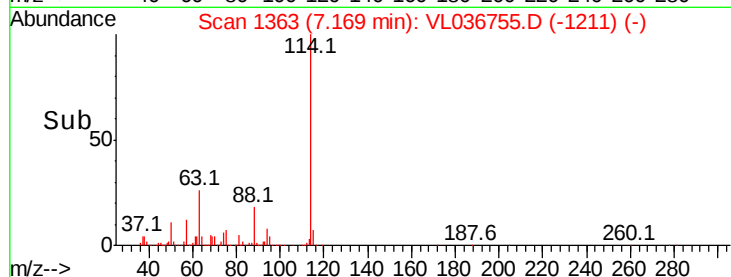
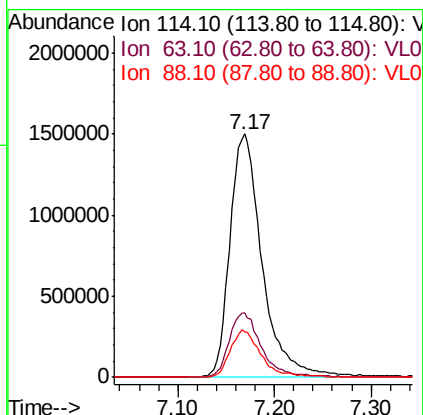
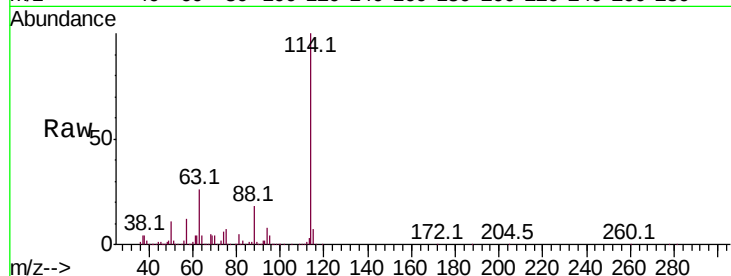
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL036755.D
 Acq: 8 Apr 2021 18:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	19.0	15.4	23.0

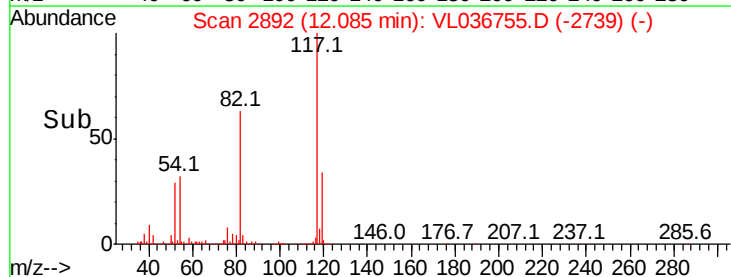
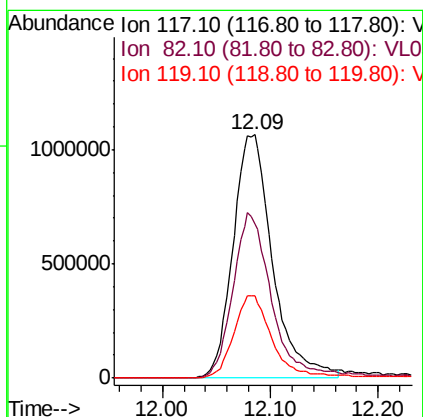
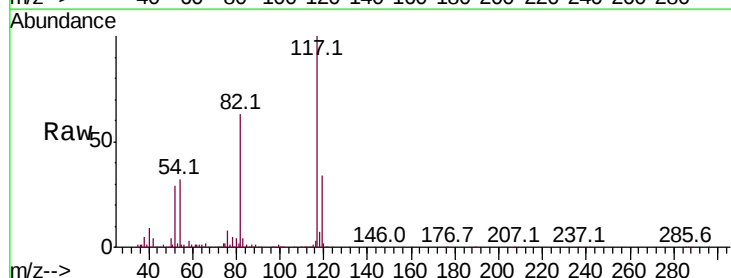
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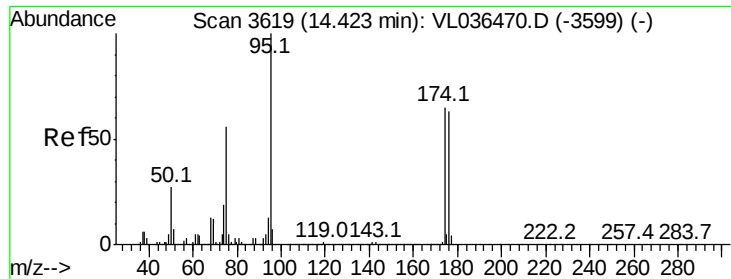
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL036755.D
 Acq: 8 Apr 2021 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.4	57.4	86.0
119	34.5	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.094 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL036755.D
 Acq: 8 Apr 2021 18:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 95 Resp: 1539073
 Ion Ratio Lower Upper
 95 100
 174 70.8 51.0 76.6
 175 5.1 3.9 5.9

Manual Integrations
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