

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036339.D
 Acq On : 11 Feb 2021 5:13
 Operator : SY/AP
 Sample : QC020921 CAN 10673
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020921 CAN 10673

Manual Integrations
 APPROVED

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 2/12/2021 1:42:51 PM

Quant Time: Feb 11 07:24:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1615893	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3622190	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3272050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2794213	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	104155m	0.527	ppbv	
20) Methylene Chloride	4.33	84	24848m	0.390	ppbv	
26) Hexane	5.67	57	24374	0.156	ppbv #	37

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

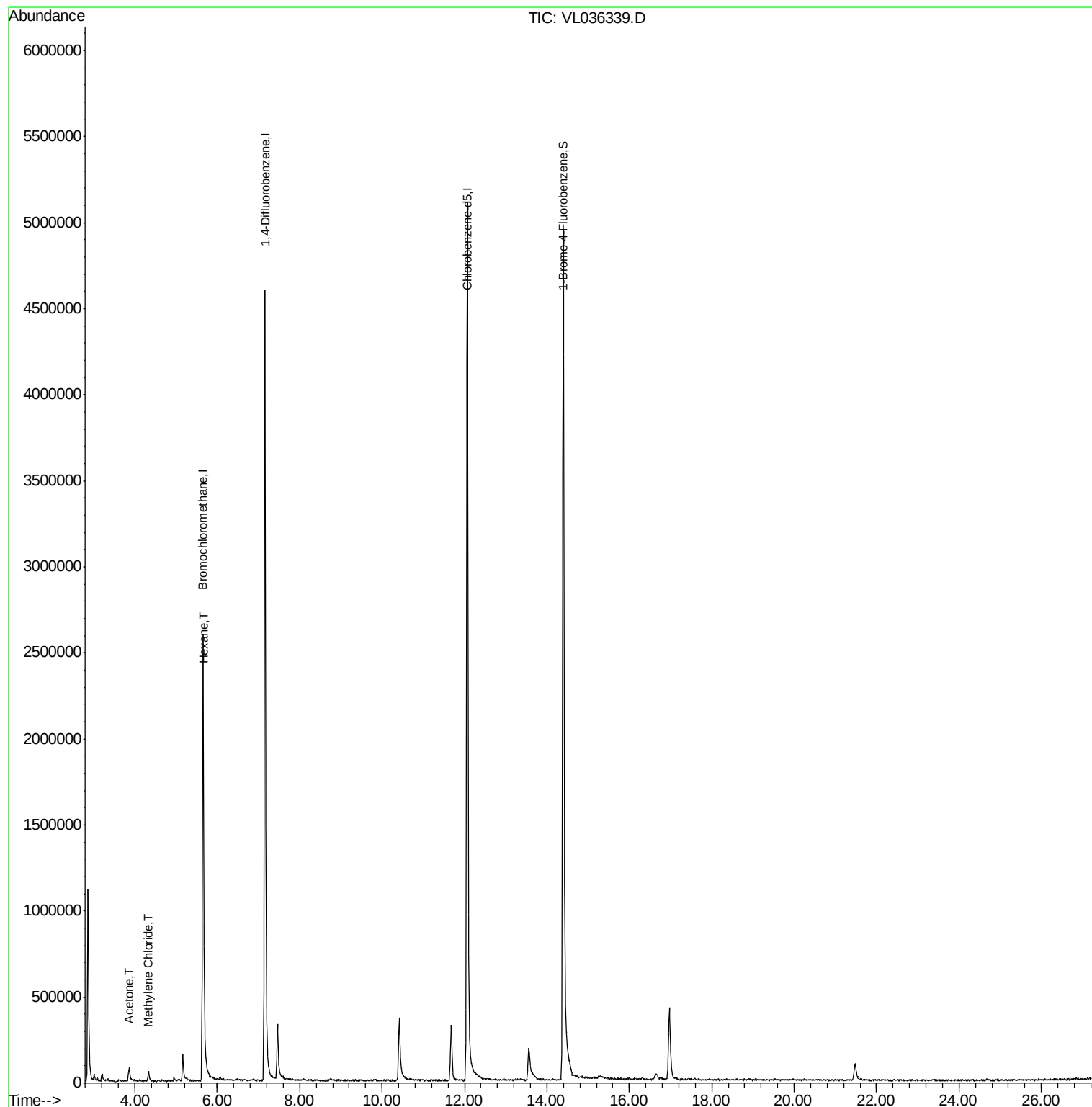
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
Data File : VL036339.D
Acq On : 11 Feb 2021 5:13
Operator : SY/AP
Sample : OC020921 CAN 10673
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

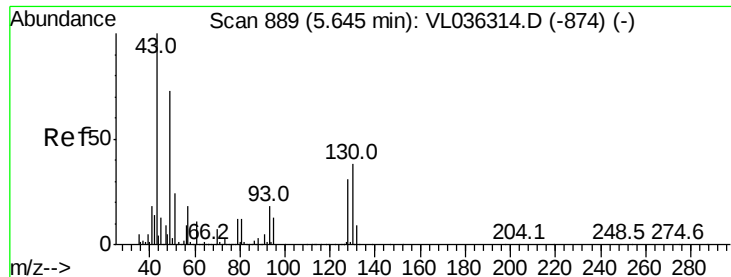
Instrument :
MSVOA_L
ClientSampleId :
QC020921 CAN 10673

Manual Integrations
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Quant Time: Feb 11 07:24:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

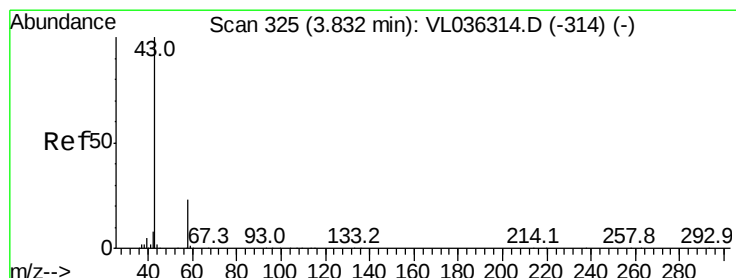
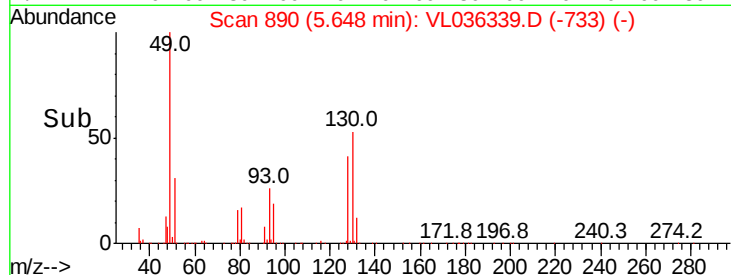
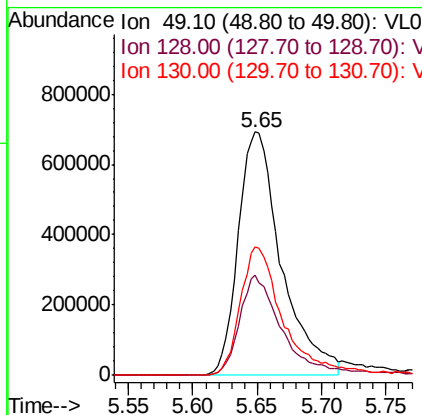
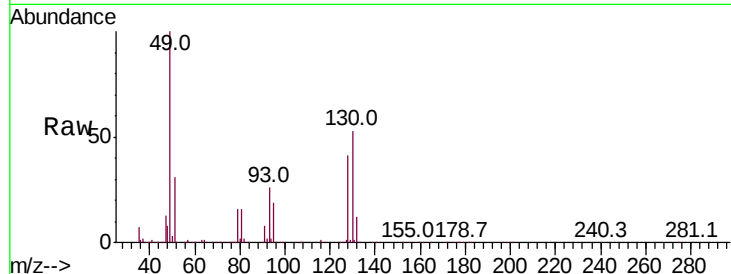
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020921 CAN 10673

Tot Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.8	62.5
130	53.2	26.7	80.1

Manual Integrations
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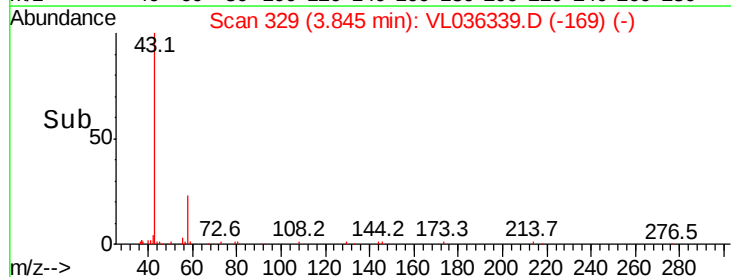
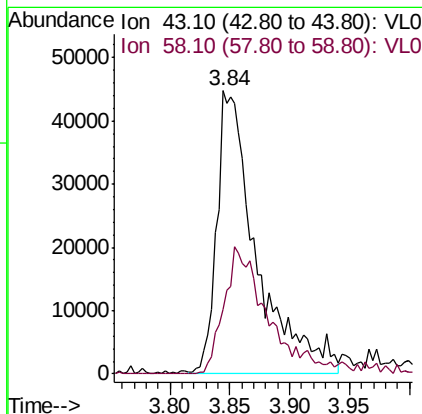
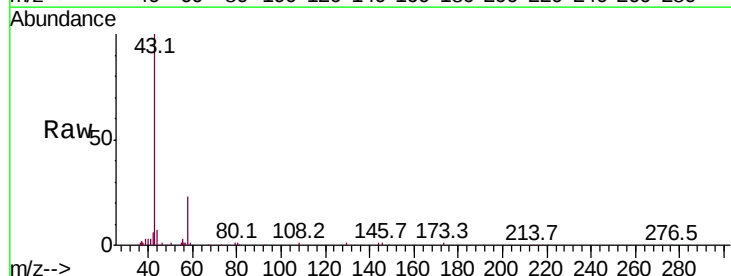
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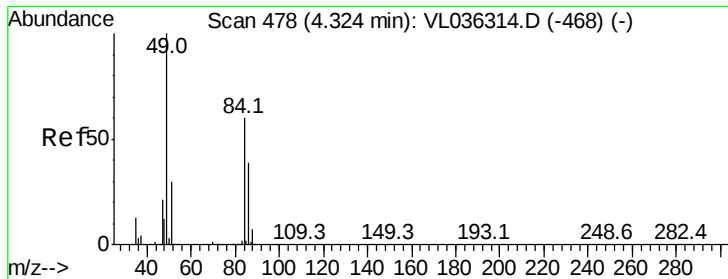


#15

Acetone
 Concen: 0.527 ppbv m
 RT: 3.84 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.3	30.5#





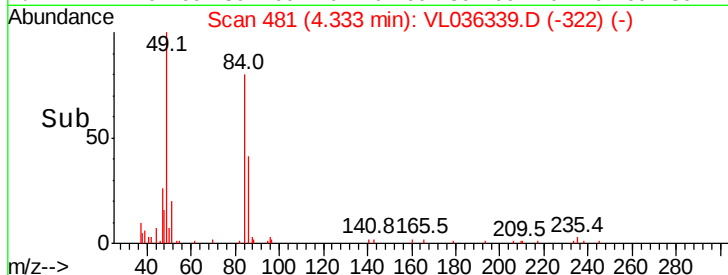
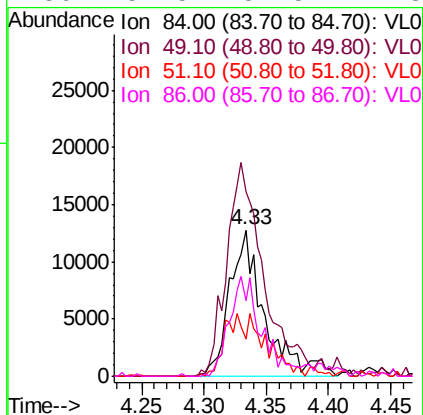
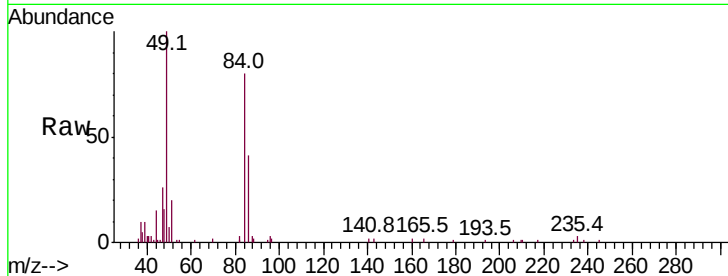
#20
Methvlene Chloride
Concen: 0.390 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL036339.D
Acq: 11 Feb 2021 5:13

Instrument :
MSVOA_L
ClientSampleId :
QC020921 CAN 10673

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.6	133.8	200.8#
51	25.5	41.4	62.0#
86	51.5	51.5	77.3#

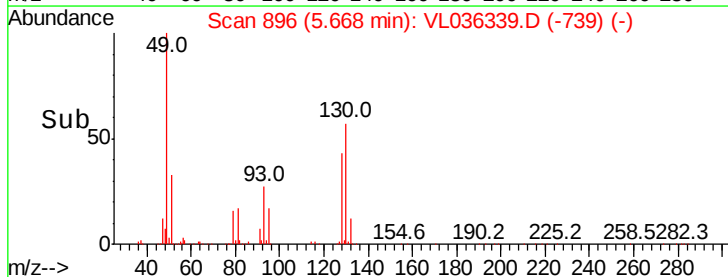
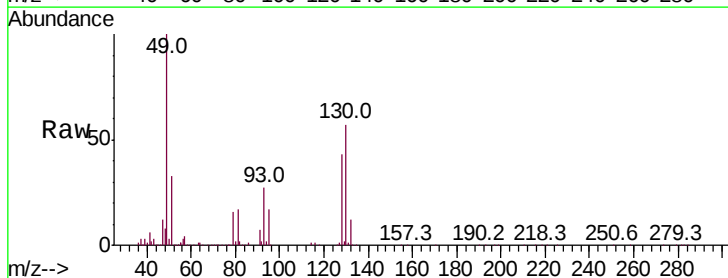
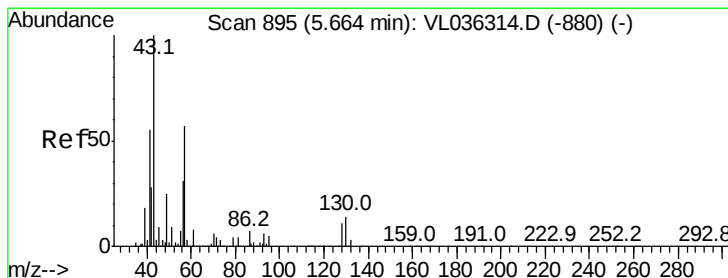
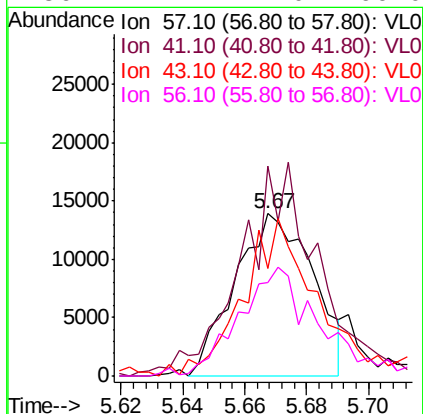
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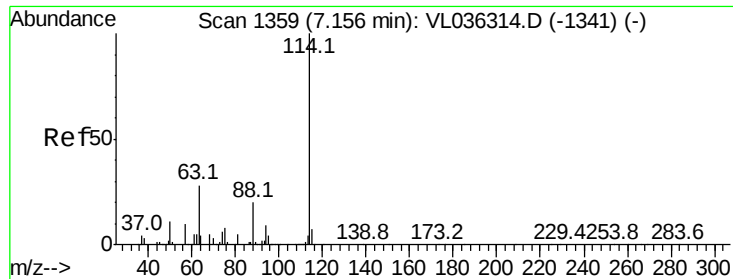
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#26
Hexane
Concen: 0.156 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL036339.D
Acq: 11 Feb 2021 5:13

Tgt Ion	Ratio	Lower	Upper
57	100		
41	134.4	81.7	122.5#
43	102.7	199.1	298.7#
56	74.1	44.0	66.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

Instrument :

MSVOA_L

ClientSampleId :

QC020921 CAN 10673

Tot Ion:114 Resp: 3622190

Ion Ratio Lower Upper

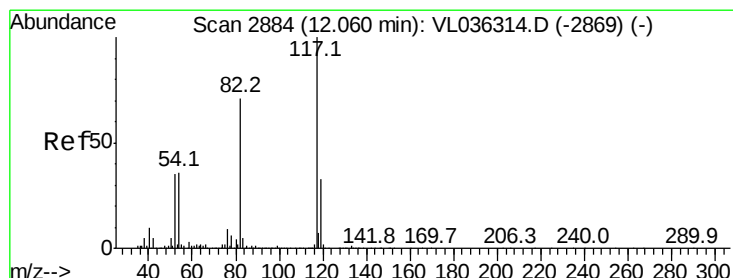
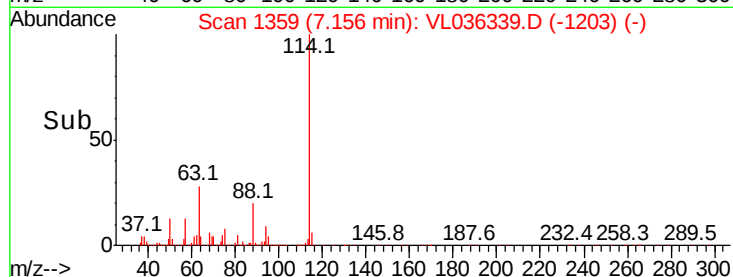
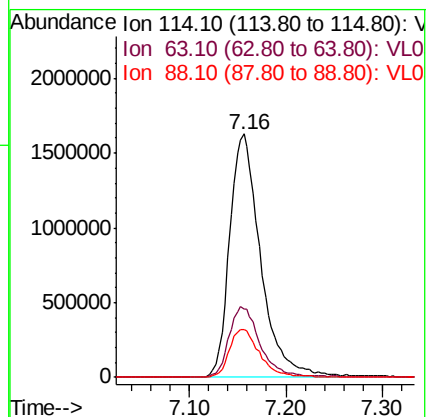
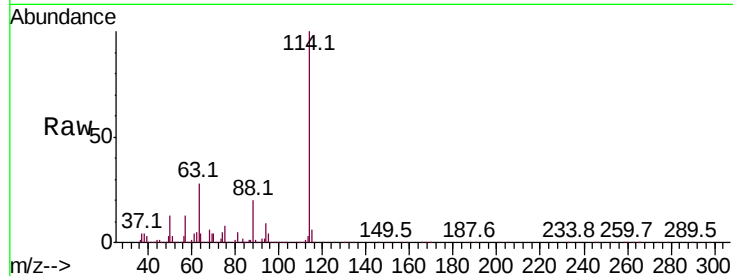
114 100

63 29.7 24.1 36.1

88 19.8 16.0 24.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. 0.01 min

Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

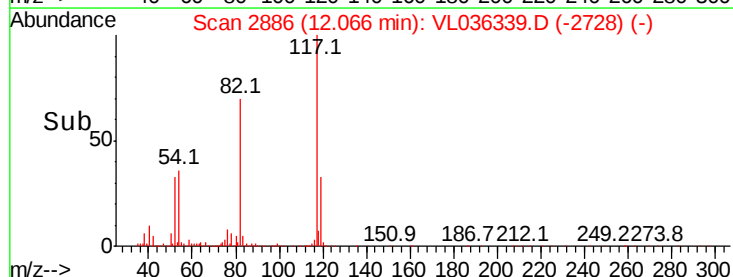
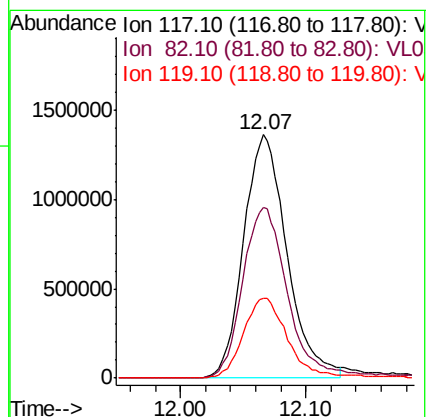
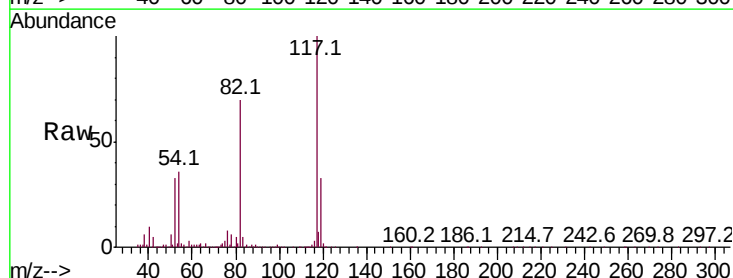
Tgt Ion:117 Resp: 3272050

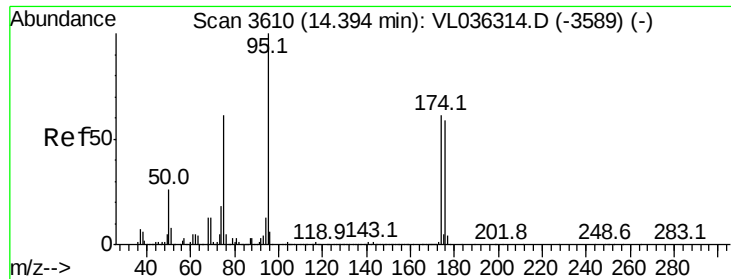
Ion Ratio Lower Upper

117 100

82 74.6 59.1 88.7

119 34.6 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.379 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

Instrument :

MSVOA_L

ClientSampleId :

QC020921 CAN 10673

Tot Ion: 95 Resp: 2794213

Ion Ratio Lower Upper

95 100

174 62.0 49.8 74.6

175 4.5 3.7 5.5

Manual Integrations

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