

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036347.D
 Acq On : 24 Feb 2021 12:35
 Operator : SY/AP
 Sample : QC022221 CAN 10198
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022221 CAN 10198

Manual Integrations
 APPROVED

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Quant Time: Feb 25 05:38:11 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	5.66	49	1696184	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3725236	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3345309	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2707427	9.84	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	9609m	0.122	ppbv	
15) Acetone	3.87	43	41732m	0.201	ppbv	
20) Methylene Chloride	4.35	84	23530m	0.352	ppbv	

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

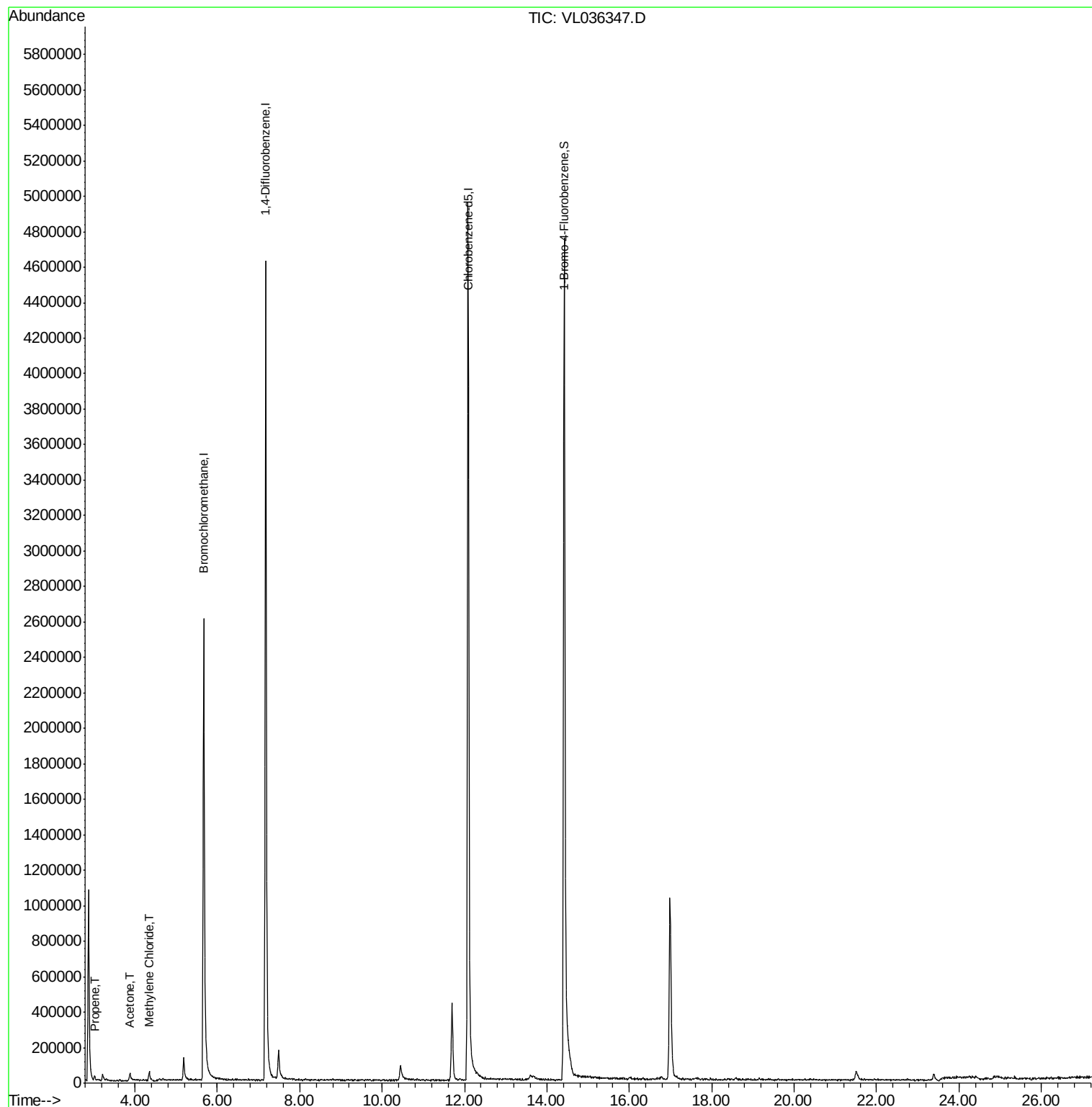
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022421\
Data File : VL036347.D
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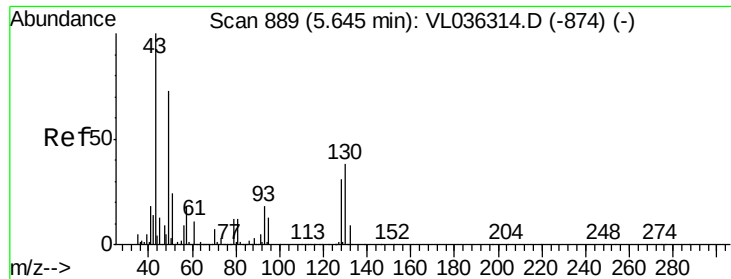
Instrument :
MSVOA_L
ClientSampleId :
QC022221 CAN 10198

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#1

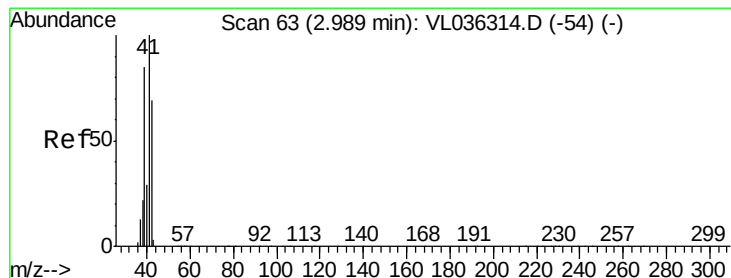
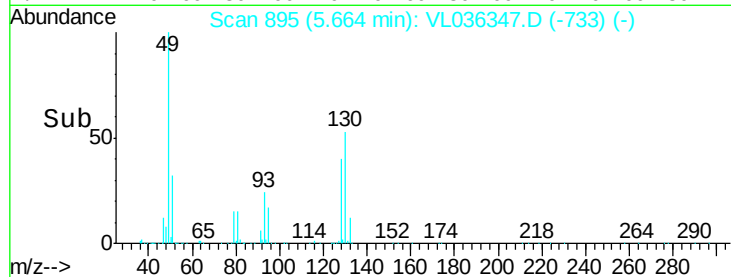
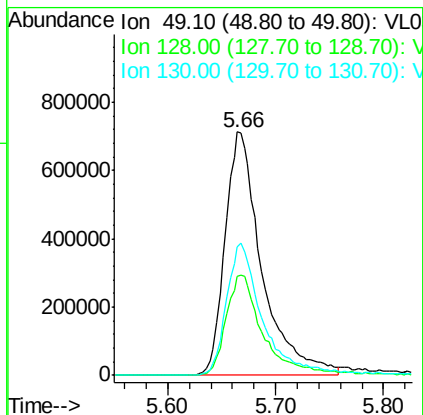
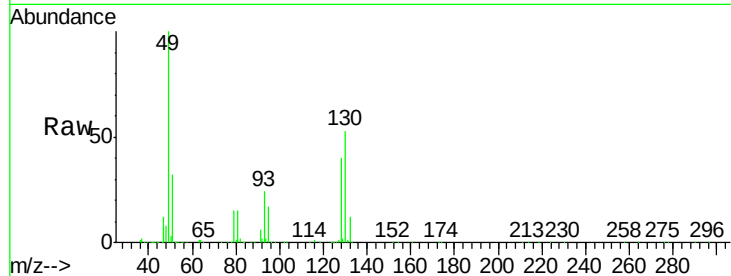
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.02 min
 Lab File: VL036347.D
 Acq: 24 Feb 2021 12:35

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022221 CAN 10198

Tot Ion: 49 Resp: 1696184
 Ion Ratio Lower Upper
 49 100
 128 42.0 20.8 62.5
 130 54.4 26.7 80.1

Manual Integrations
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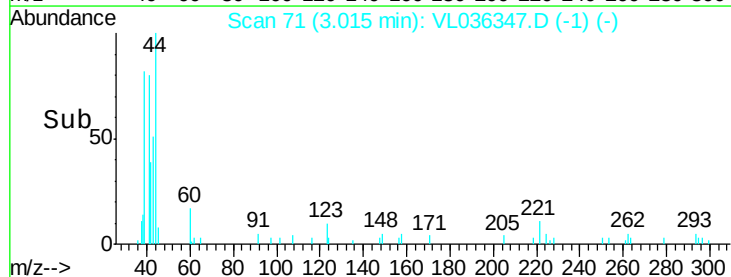
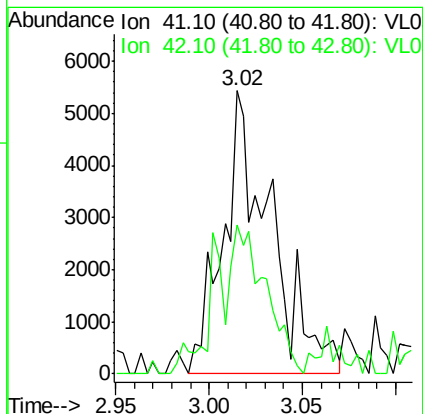
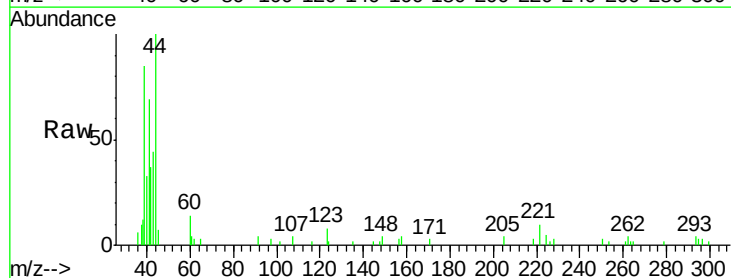
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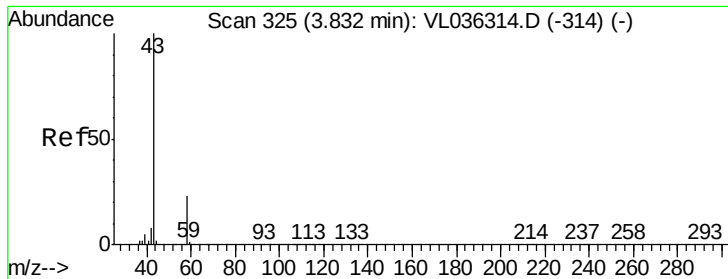


#9

Propene
 Concen: 0.122 ppbv m
 RT: 3.02 min Scan# 71
 Delta R.T. 0.03 min
 Lab File: VL036347.D
 Acq: 24 Feb 2021 12:35

Tgt Ion: 41 Resp: 9609
 Ion Ratio Lower Upper
 41 100
 42 0.0 56.2 84.2#





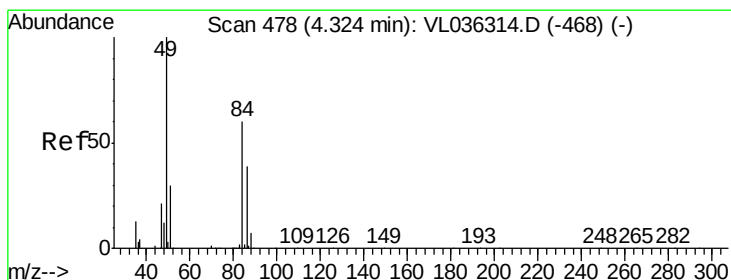
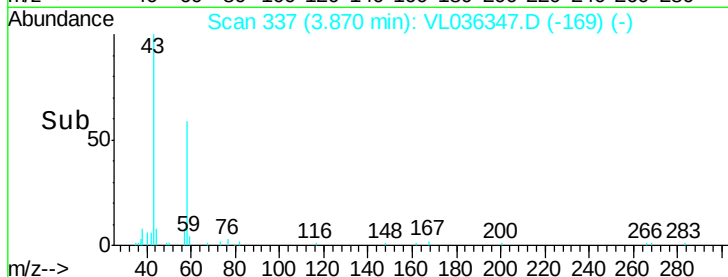
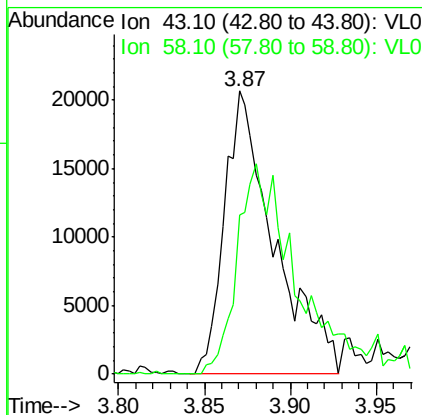
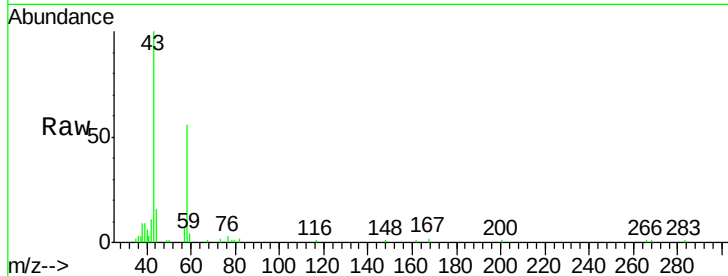
#15
Acetone
Concen: 0.201 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL036347.D
Acq: 24 Feb 2021 12:35

Instrument :
MSVOA_L
ClientSampleId :
QC022221 CAN 10198

Tot Ion: 43 Resp: 41732
Ion Ratio Lower Upper
43 100
58 90.8 20.3 30.5#

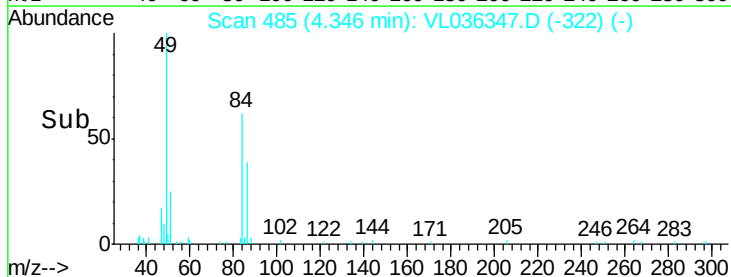
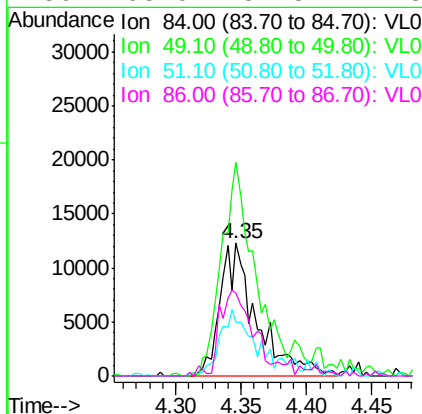
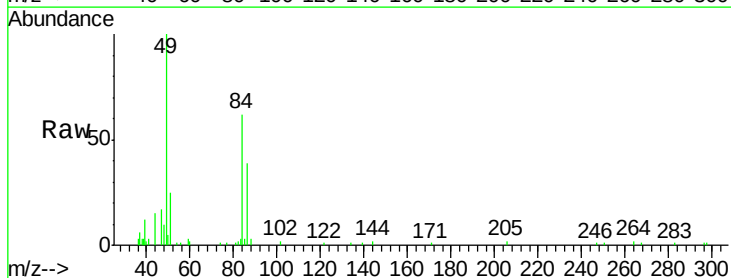
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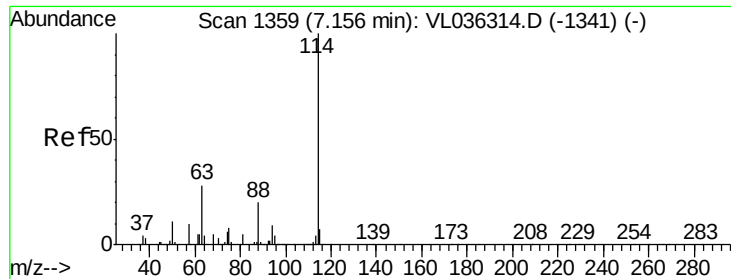
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#20
Methylene Chloride
Concen: 0.352 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL036347.D
Acq: 24 Feb 2021 12:35

Tgt Ion: 84 Resp: 23530
Ion Ratio Lower Upper
84 100
49 160.7 133.8 200.8
51 40.0 41.4 62.0#
86 63.0 51.5 77.3





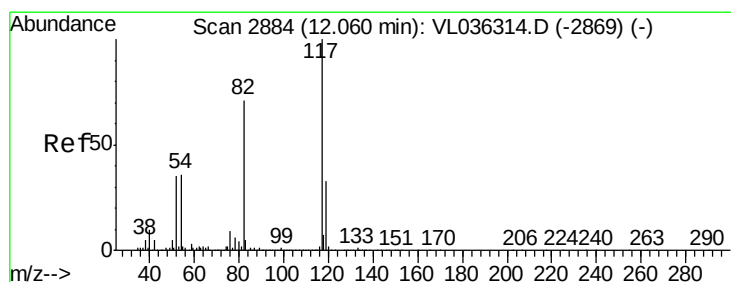
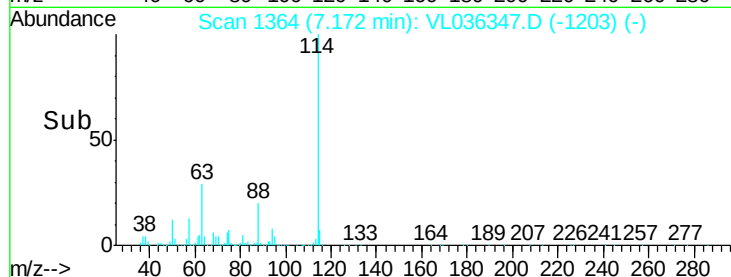
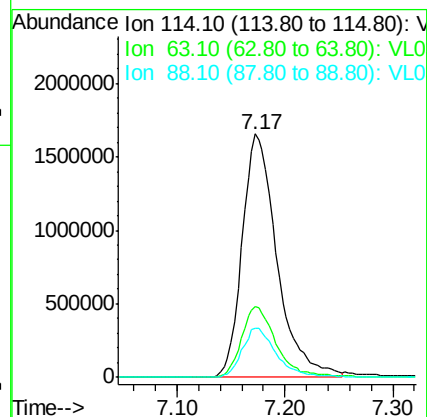
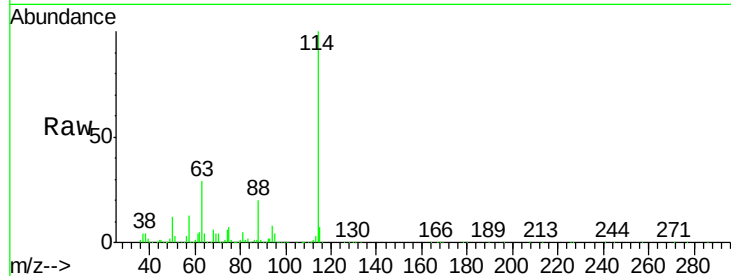
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.02 min
 Lab File: VL036347.D
 Acq: 24 Feb 2021 12:35

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022221 CAN 10198

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	20.3	16.0	24.0

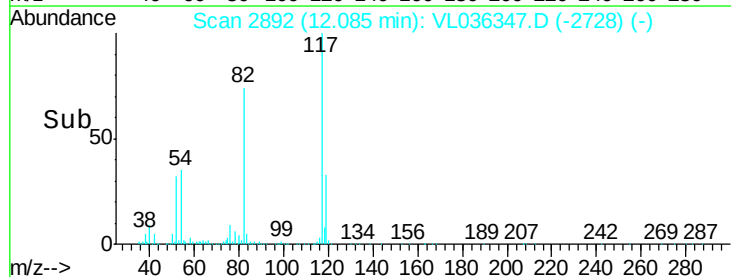
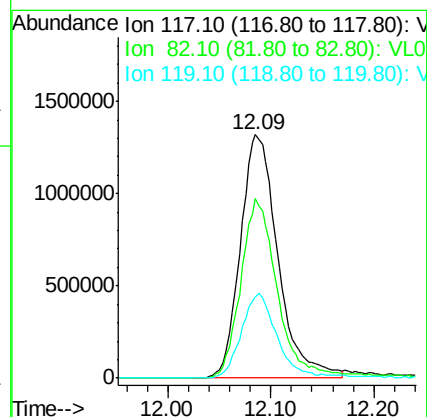
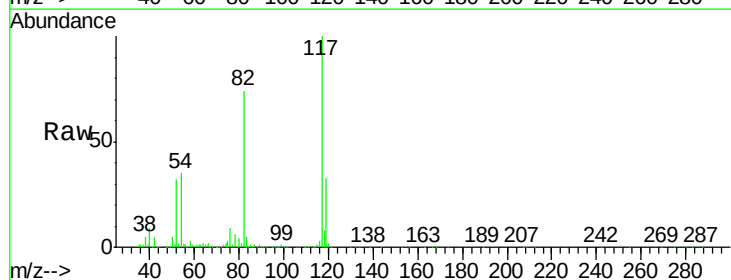
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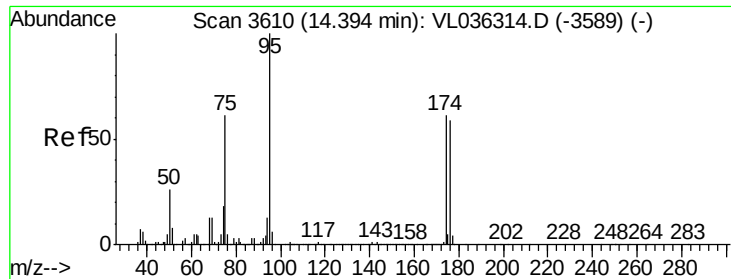
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.03 min
 Lab File: VL036347.D
 Acq: 24 Feb 2021 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.9	59.1	88.7
119	34.3	46.3	69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.837 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL036347.D

Acq: 24 Feb 2021 12:35

Instrument :

MSVOA_L

ClientSampleId :

QC022221 CAN 10198

Tot Ion: 95 Resp: 2707427

Ion Ratio Lower Upper

95 100

174 65.4 49.8 74.6

175 4.9 3.7 5.5

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