

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036348.D
 Acq On : 24 Feb 2021 13:16
 Operator : SY/AP
 Sample : OC022221 CAN 10198
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022221 CAN 10198

Quant Time: Feb 25 05:17:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 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	5.67	49	1681852	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	3627423	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3272021	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2647382	9.83	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

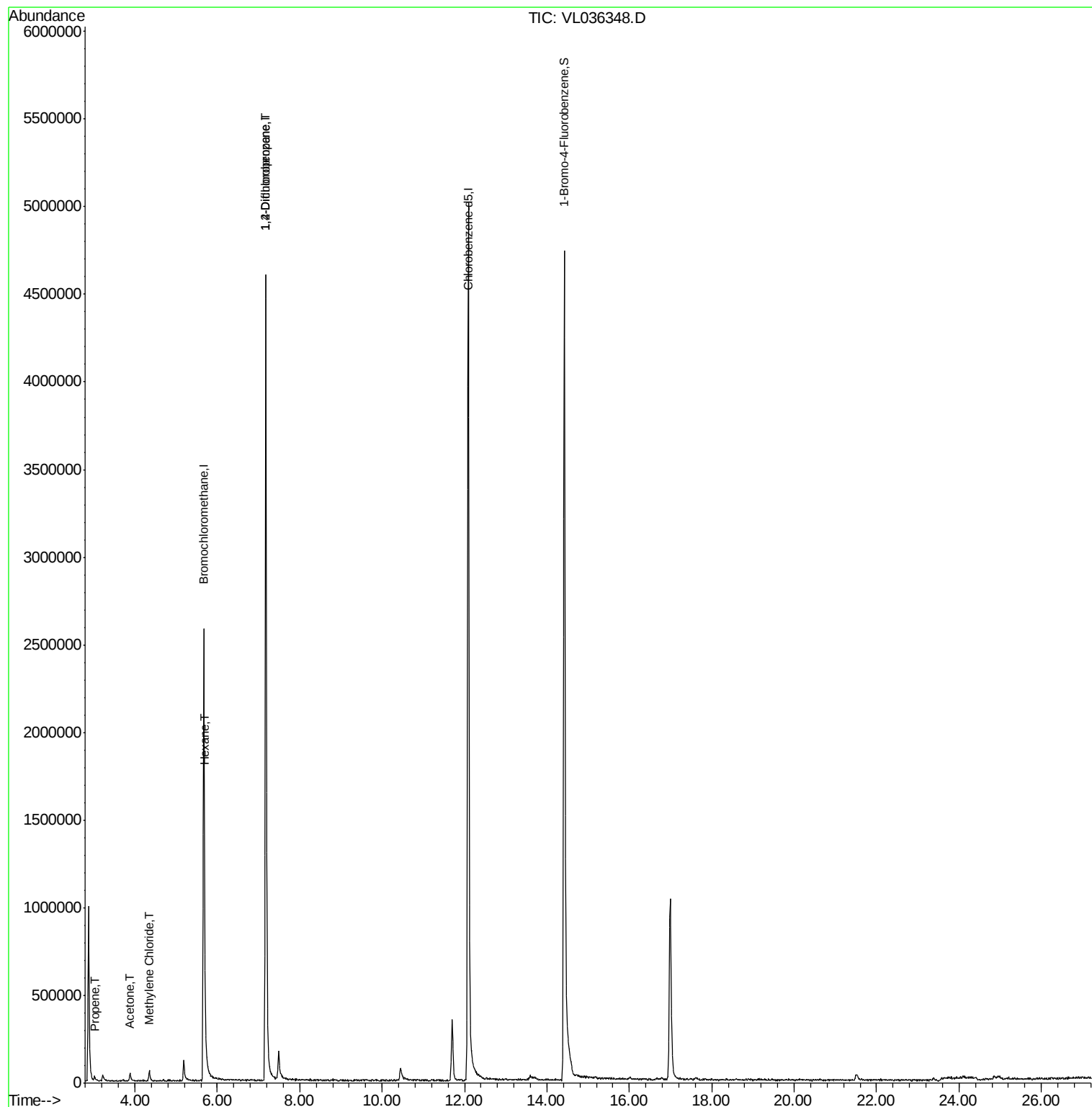
Target Compounds					Ovalue
9) Propene	3.02	41	4258	0.055 ppbv #	69
15) Acetone	3.87	43	32262	0.157 ppbv #	1
20) Methylene Chloride	4.35	84	14728	0.222 ppbv #	71
26) Hexane	5.69	57	4974	0.031 ppbv #	57
39) 1,2-Dichloropropane	7.18	63	1055560	8.433 ppbv #	24

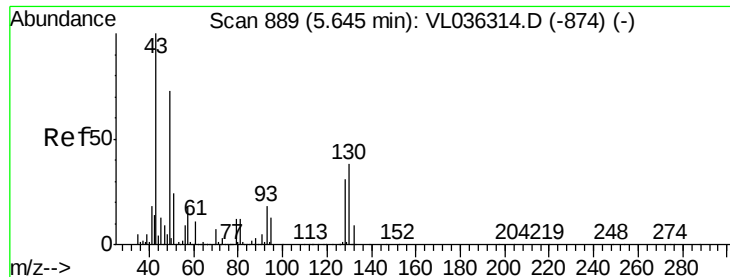
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.03 min

Lab File: VL036348.D

Acq: 24 Feb 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

QC022221 CAN 10198

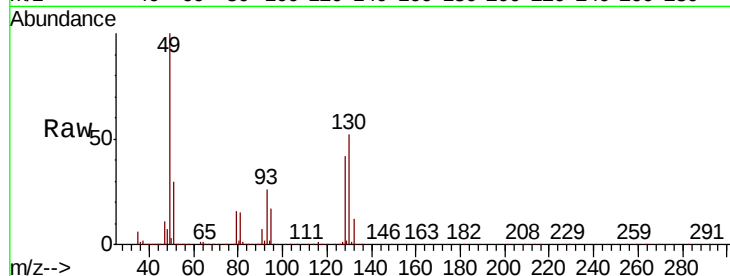
Tot Ion: 49 Resp: 1681852

Ion Ratio Lower Upper

49 100

128 42.9 20.8 62.5

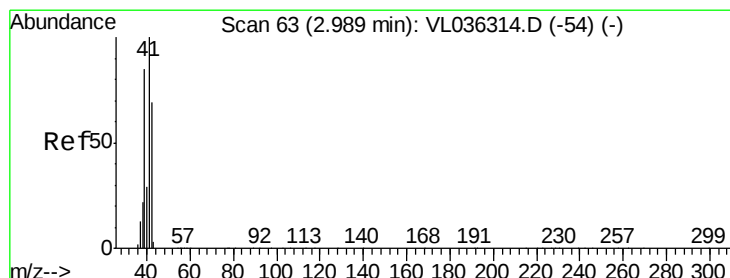
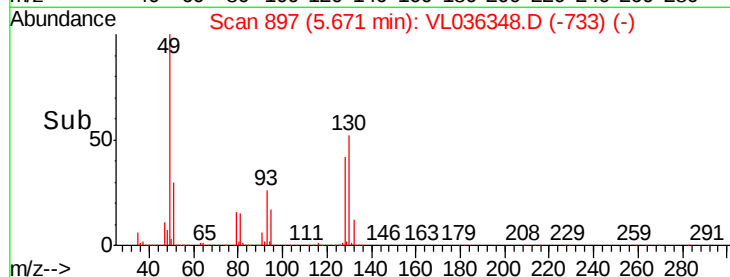
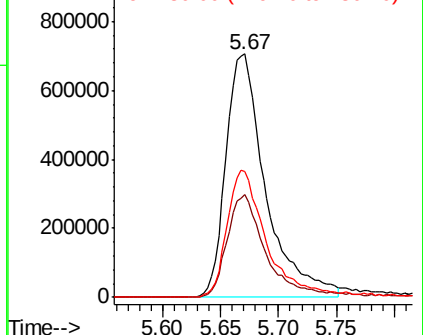
130 54.0 26.7 80.1



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



#9

Propene

Concen: 0.055 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.03 min

Lab File: VL036348.D

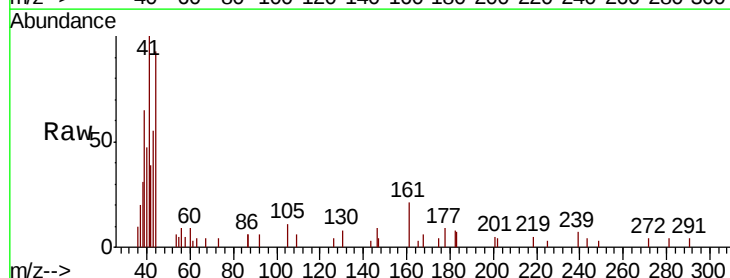
Acq: 24 Feb 2021 13:16

Tgt Ion: 41 Resp: 4258

Ion Ratio Lower Upper

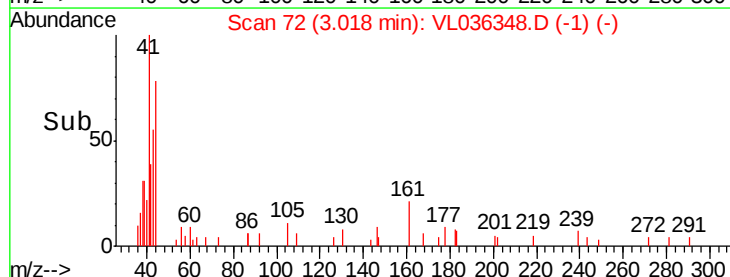
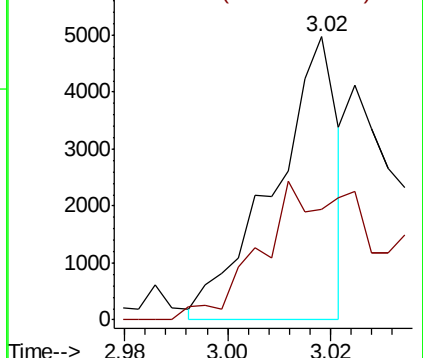
41 100

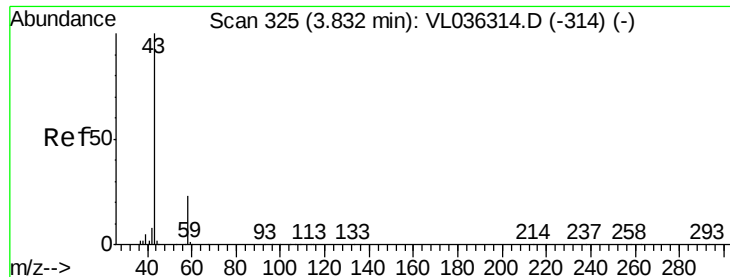
42 95.6 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.157 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.04 min

Lab File: VL036348.D

Acq: 24 Feb 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

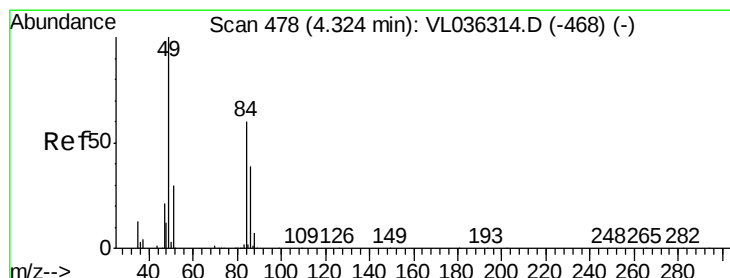
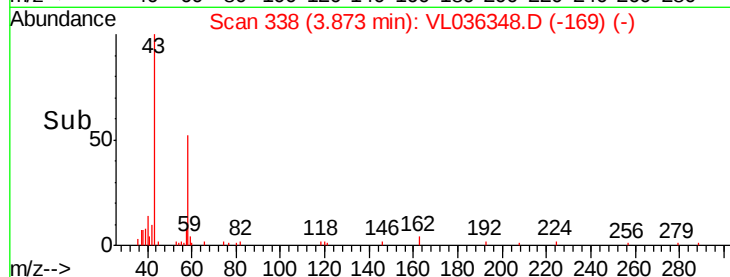
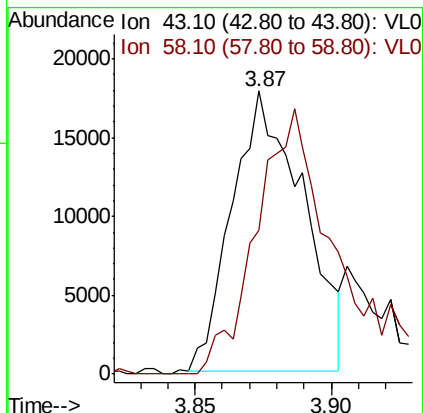
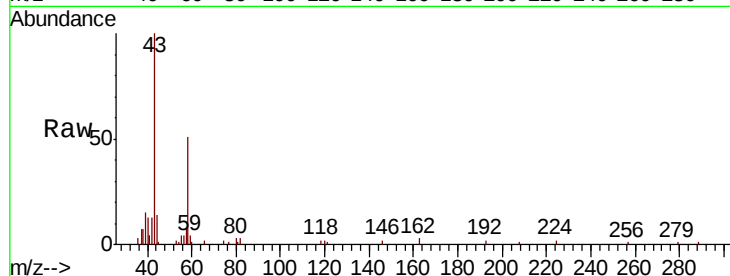
QC022221 CAN 10198

Tot Ion: 43 Resp: 32262

Ion Ratio Lower Upper

43 100

58 116.4 20.3 30.5#



#20

Methylene Chloride

Concen: 0.222 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL036348.D

Acq: 24 Feb 2021 13:16

Tgt Ion: 84 Resp: 14728

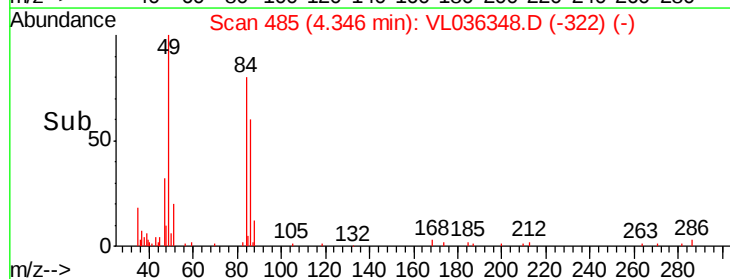
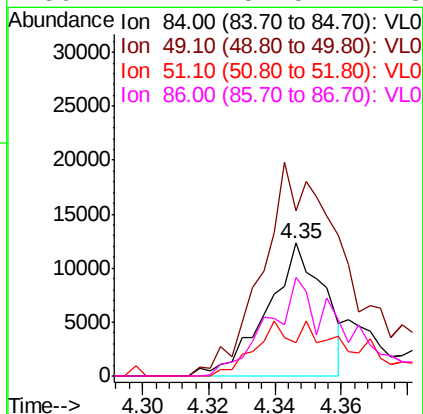
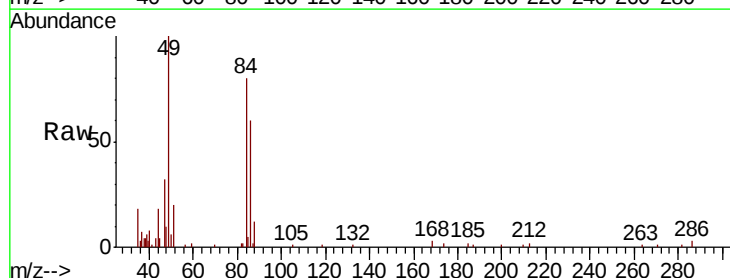
Ion Ratio Lower Upper

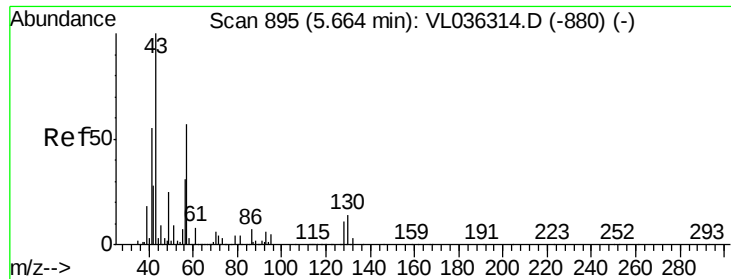
84 100

49 124.6 133.8 200.8#

51 25.0 41.4 62.0#

86 74.7 51.5 77.3

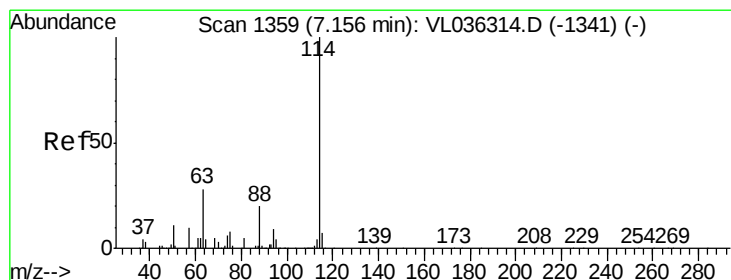
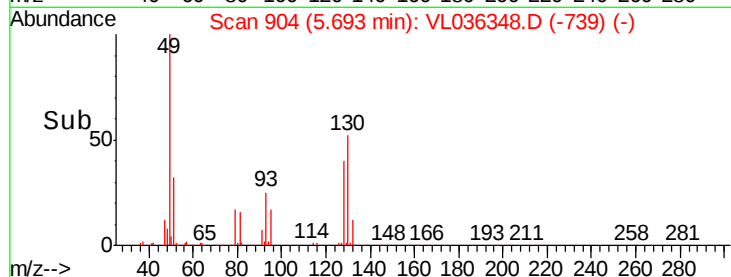
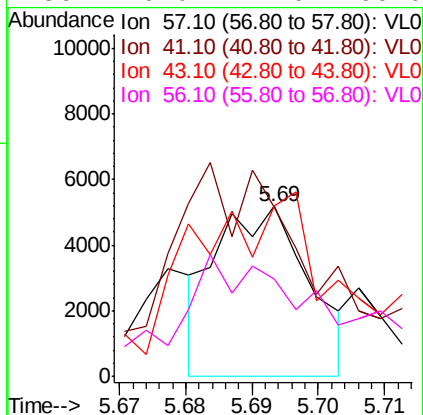
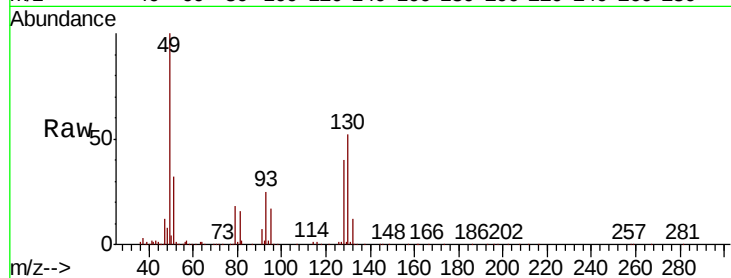




#26
Hexane
Concen: 0.031 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL036348.D
Acq: 24 Feb 2021 13:16

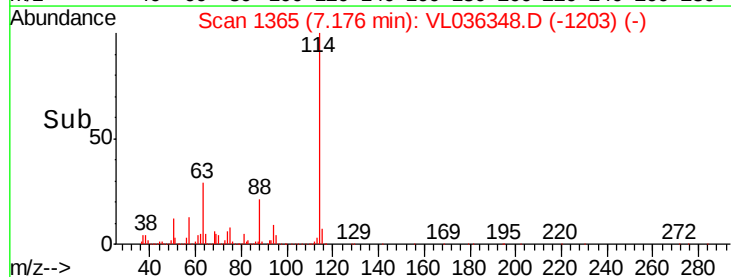
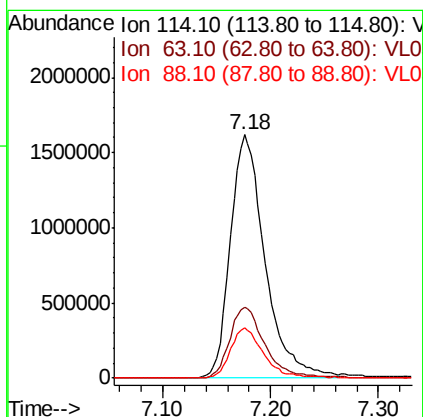
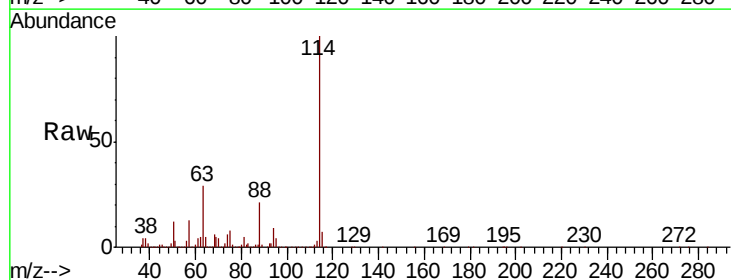
Instrument :
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QC022221 CAN 10198

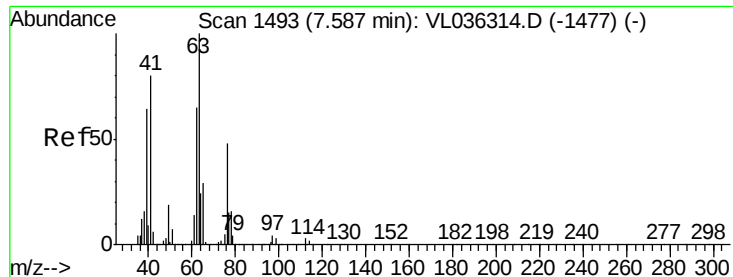
Tot Ion: 57 Resp: 4974
Ion Ratio Lower Upper
57 100
41 0.0 81.7 122.5#
43 228.1 199.1 298.7
56 0.0 44.0 66.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL036348.D
Acq: 24 Feb 2021 13:16

Tgt Ion:114 Resp: 3627423
Ion Ratio Lower Upper
114 100
63 29.7 24.1 36.1
88 20.0 16.0 24.0

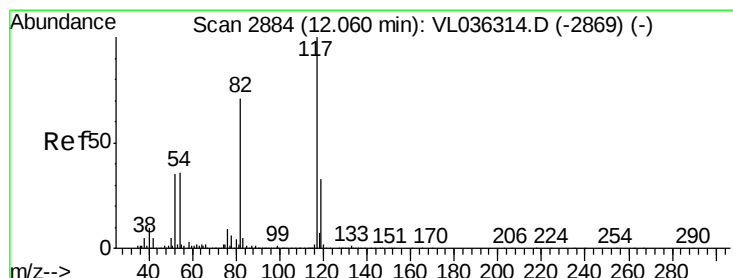
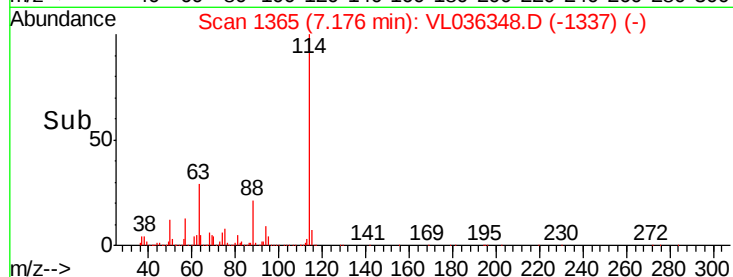
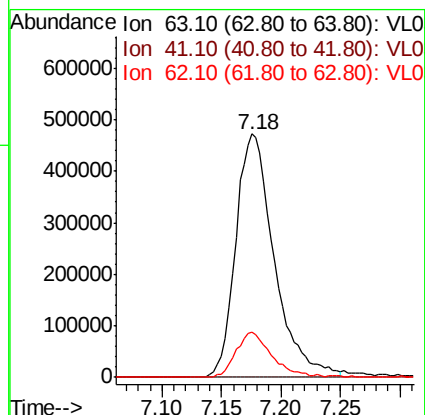
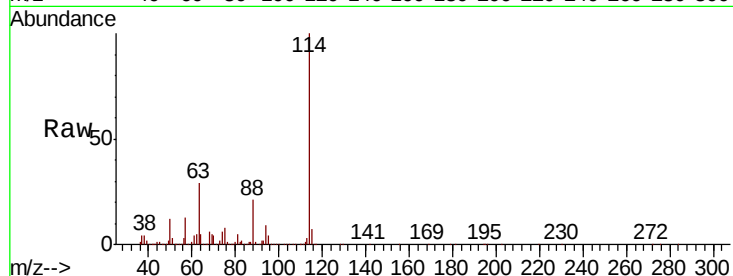




#39
 1,2-Dichloropropane
 Concen: 8.433 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.41 min
 Lab File: VL036348.D
 Acq: 24 Feb 2021 13:16

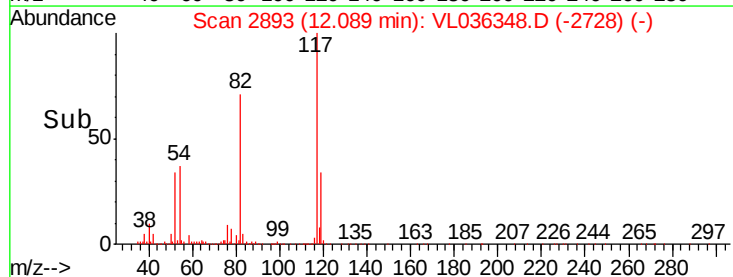
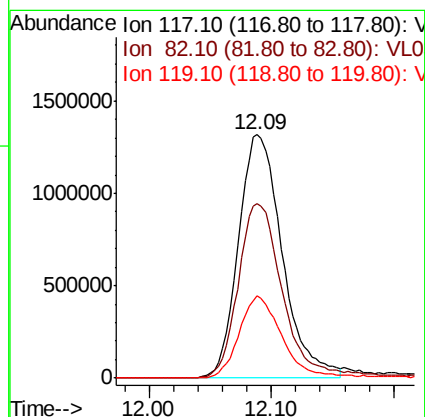
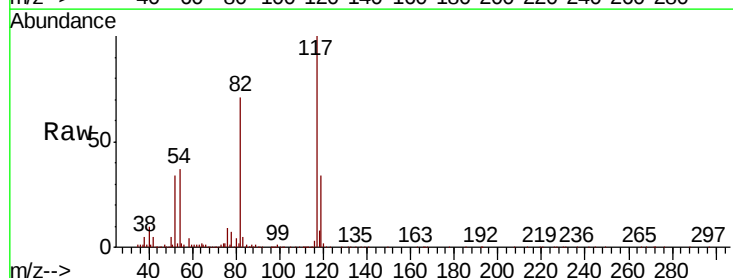
Instrument :
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 ClientSampleId :
 QC022221 CAN 10198

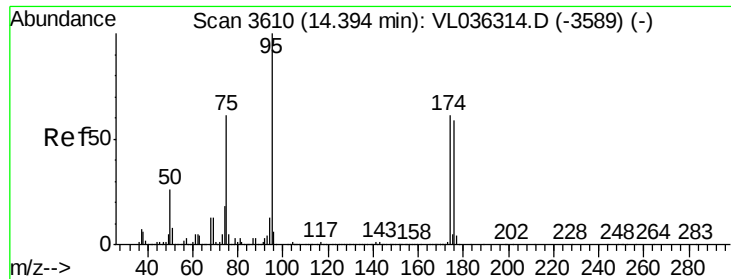
Tot Ion: 63 Resp: 1055560
 Ion Ratio Lower Upper
 63 100
 41 0.2 63.8 95.6#
 62 18.3 52.3 78.5#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. 0.03 min
 Lab File: VL036348.D
 Acq: 24 Feb 2021 13:16

Tgt Ion: 117 Resp: 3272021
 Ion Ratio Lower Upper
 117 100
 82 74.7 59.1 88.7
 119 34.2 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.834 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.03 min

Lab File: VL036348.D

Acq: 24 Feb 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

QC022221 CAN 10198

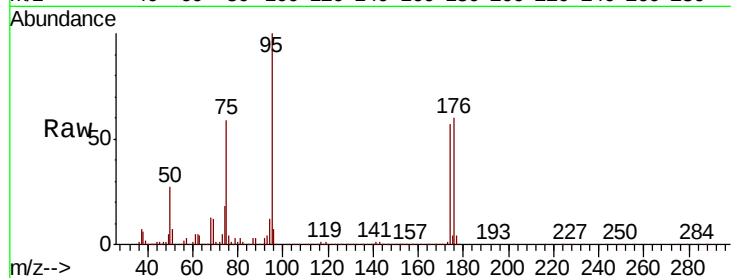
Tot Ion: 95 Resp: 2647382

Ion Ratio Lower Upper

95 100

174 64.4 49.8 74.6

175 4.7 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

