

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040109.D
 Acq On : 19 Jan 2023 12:19
 Operator : SY/MD
 Sample : QC011823 CAN 10046
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011823 CAN 10046

Quant Time: Jan 20 02:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

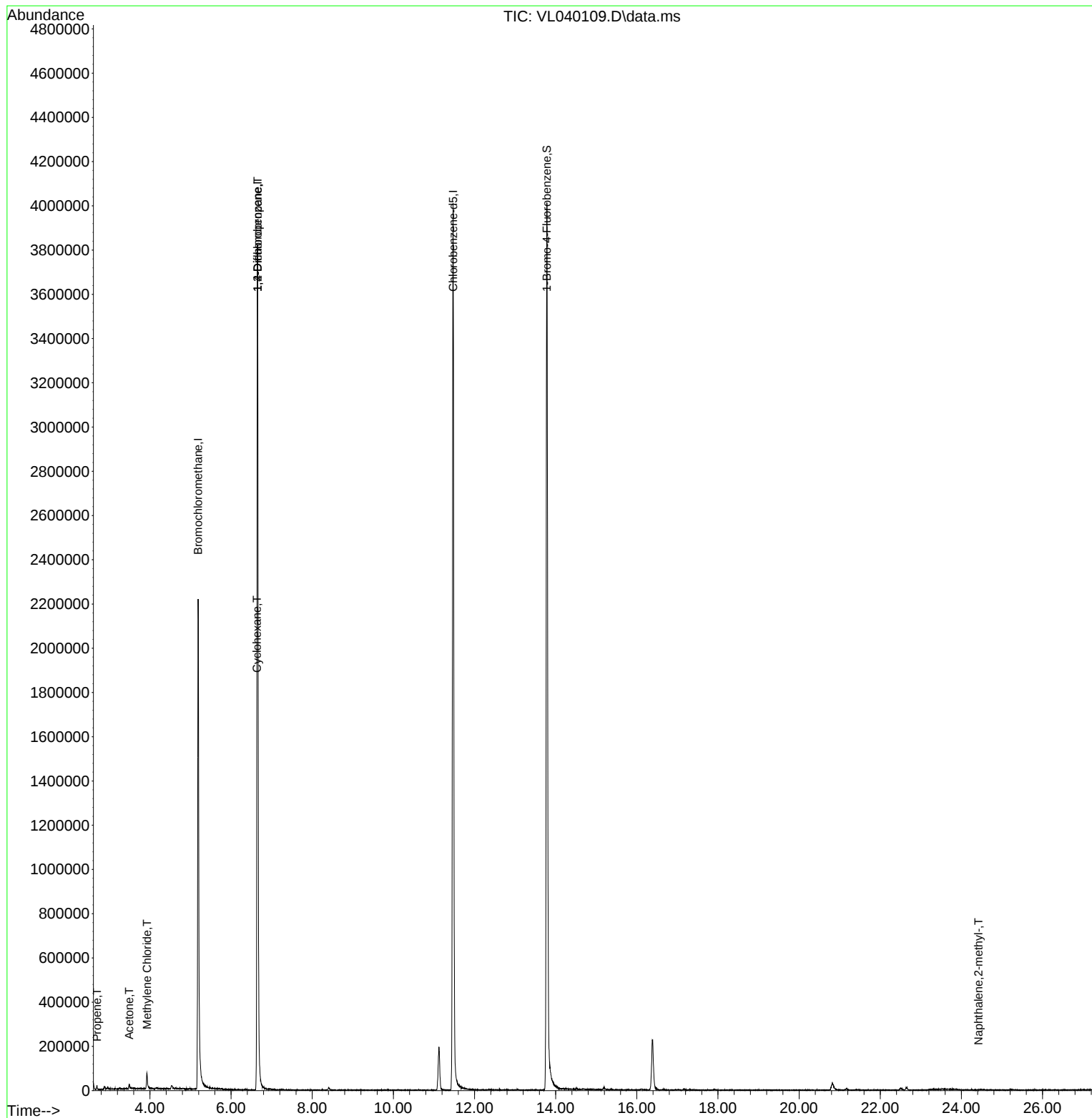
Internal Standards						
1) Bromochloromethane	5.189	49	1126420	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2921181	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2578487	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2069004	9.655	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
9) Propene	2.694	41	4047	0.072	ppbv	85
15) Acetone	3.491	43	19002	0.141	ppbv #	77
20) Methylene Chloride	3.928	84	21962	0.368	ppbv	90
30) Cyclohexane	6.636	84	3197	0.039	ppbv #	1
39) 1,2-Dichloropropane	6.652	63	734508	8.687	ppbv #	22
80) Naphthalene,2-methyl-	24.419	142	1882	0.036	ppbv #	76

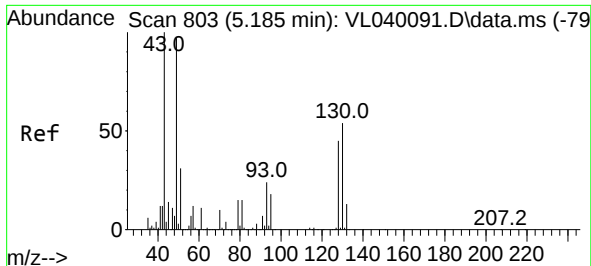
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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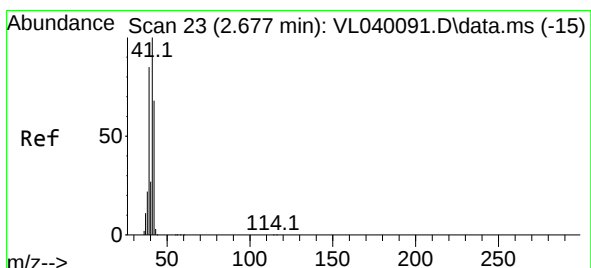
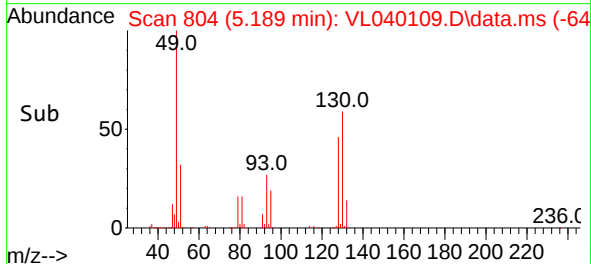
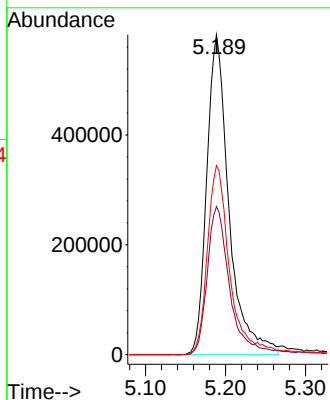
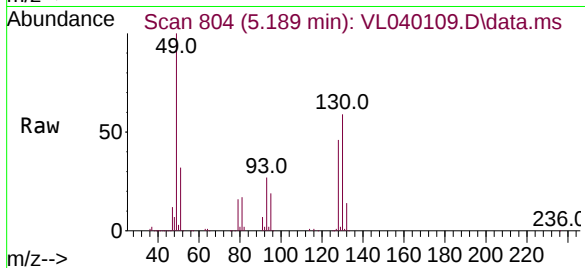




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

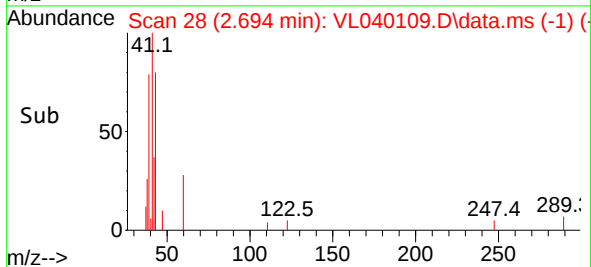
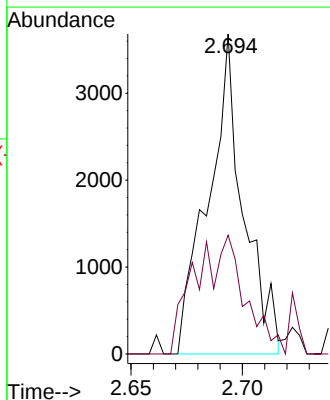
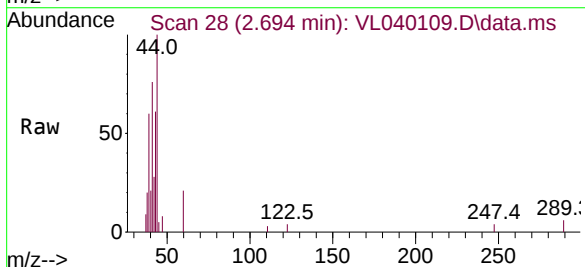
Instrument :
MSVOA_L
ClientSampleId :
QC011823 CAN 10046

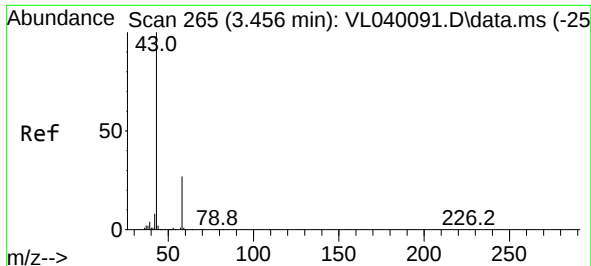
Tgt Ion: 49 Resp: 1126420
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 61.7 29.8 89.3



#9
Propene
Concen: 0.072 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.016 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Tgt Ion: 41 Resp: 4047
Ion Ratio Lower Upper
41 100
42 57.2 55.6 83.4





#15

Acetone

Concen: 0.141 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.035 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

Instrument :

MSVOA_L

ClientSampleId :

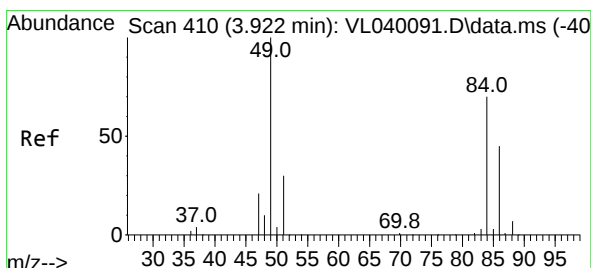
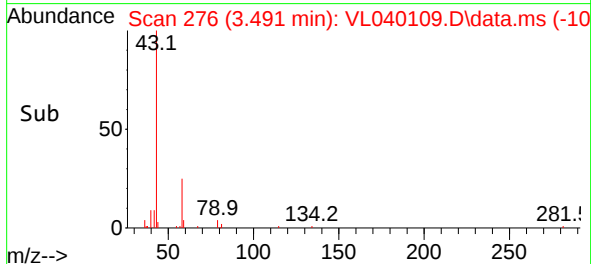
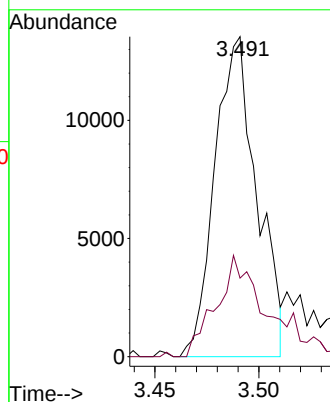
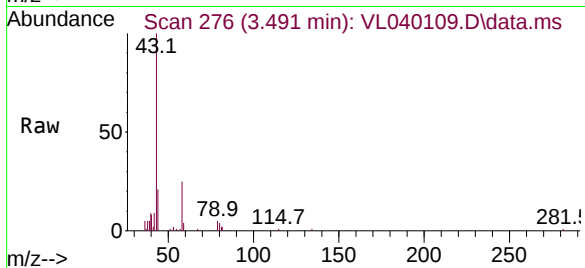
QC011823 CAN 10046

Tgt Ion: 43 Resp: 19002

Ion Ratio Lower Upper

43 100

58 39.5 21.8 32.8#



#20

Methylene Chloride

Concen: 0.368 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.006 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

Tgt Ion: 84 Resp: 21962

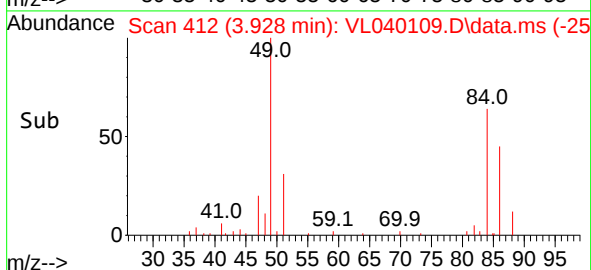
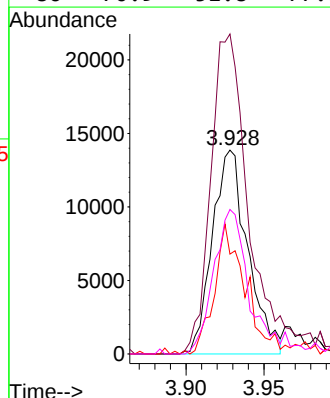
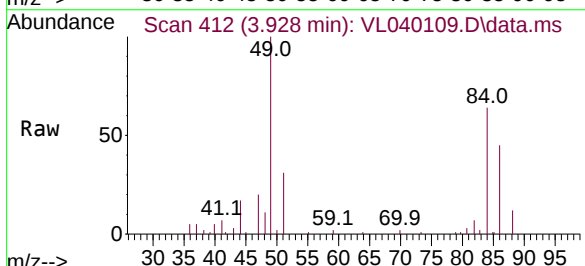
Ion Ratio Lower Upper

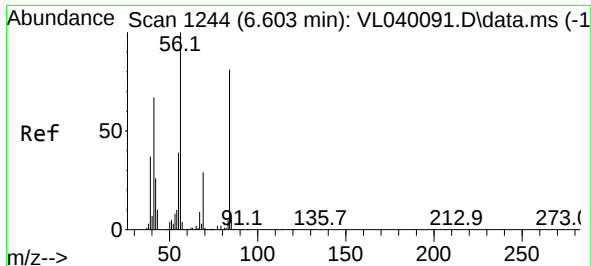
84 100

49 157.0 114.6 171.8

51 49.0 34.3 51.5

86 70.9 51.8 77.8





#30

Cyclohexane

Concen: 0.039 ppbv

RT: 6.636 min Scan# 1254

Delta R.T. 0.032 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

Instrument :

MSVOA_L

ClientSampleId :

QC011823 CAN 10046

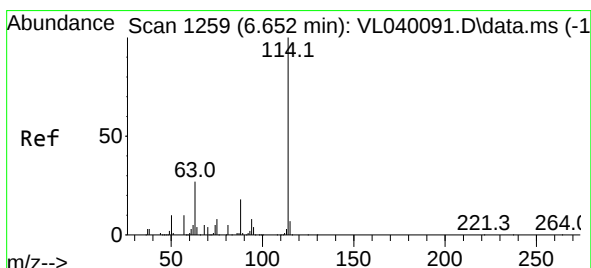
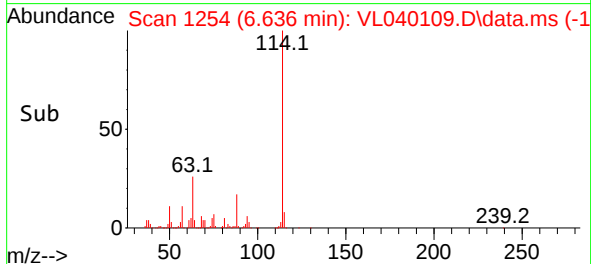
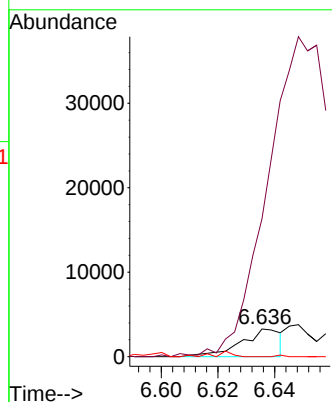
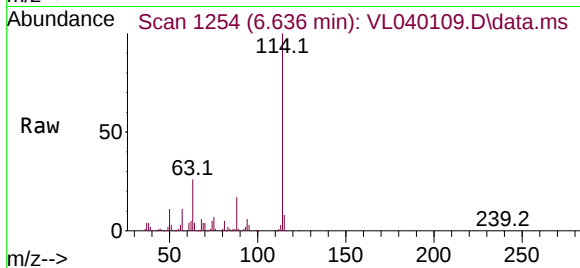
Tgt Ion: 84 Resp: 3197

Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 15.9 71.4 107.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

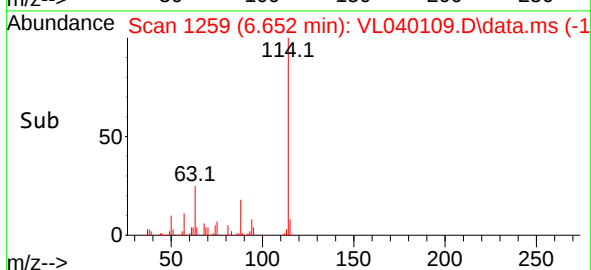
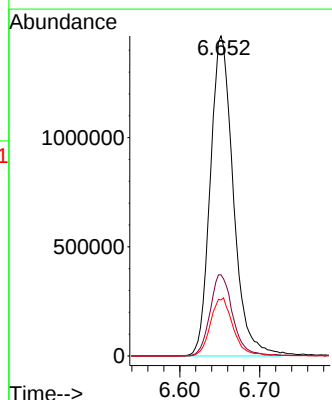
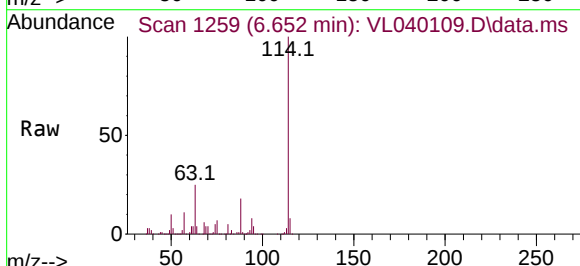
Tgt Ion: 114 Resp: 2921181

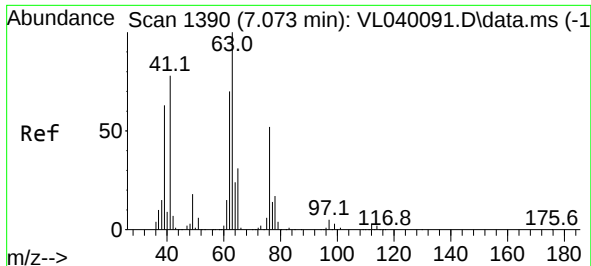
Ion Ratio Lower Upper

114 100

63 25.6 21.8 32.8

88 18.1 14.8 22.2





#39

1,2-Dichloropropane

Concen: 8.687 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

Instrument :

MSVOA_L

ClientSampleId :

QC011823 CAN 10046

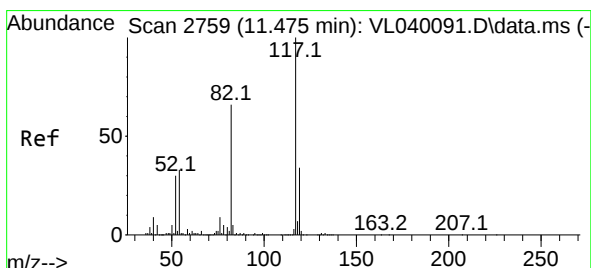
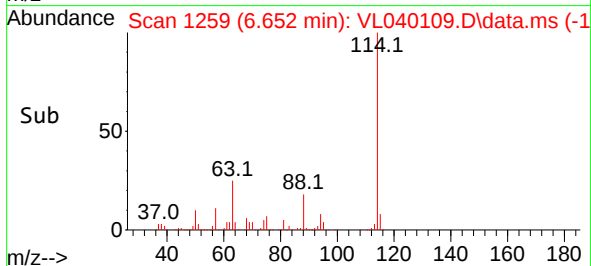
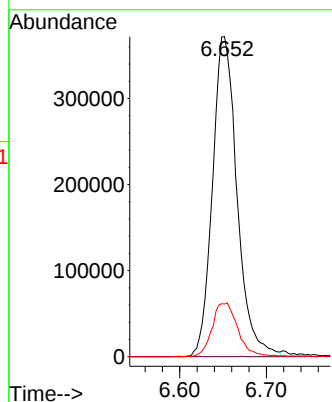
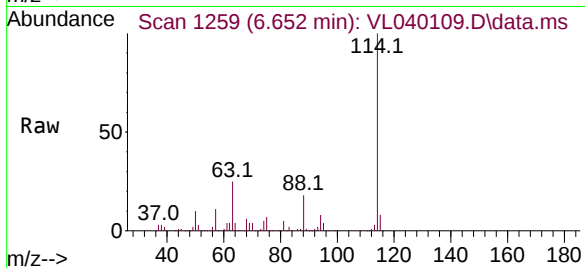
Tgt Ion: 63 Resp: 734508

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 16.5 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.003 min

Lab File: VL040109.D

Acq: 19 Jan 2023 12:19

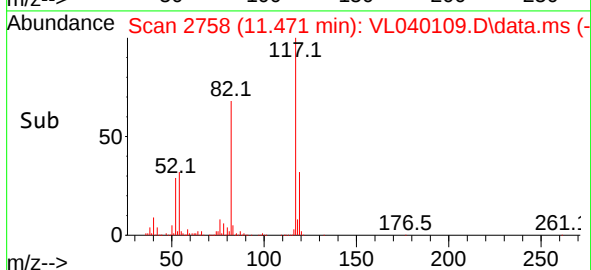
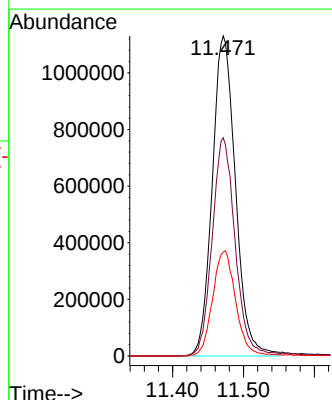
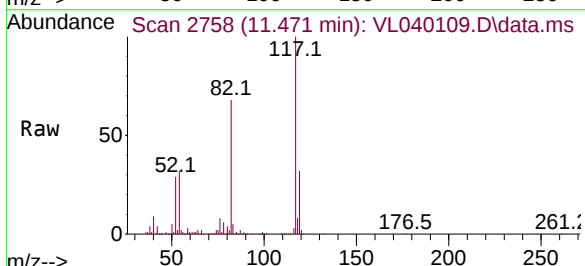
Tgt Ion: 117 Resp: 2578487

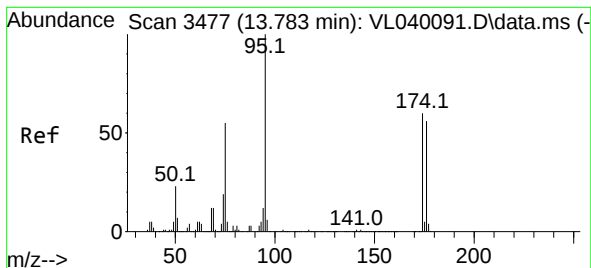
Ion Ratio Lower Upper

117 100

82 68.0 54.4 81.6

119 33.0 26.8 40.2

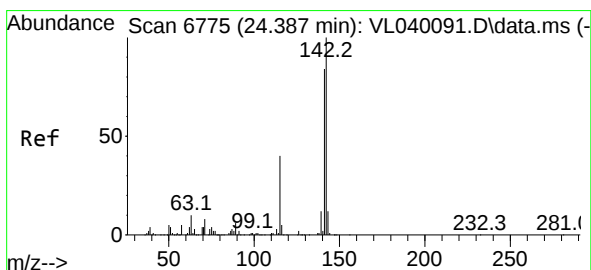
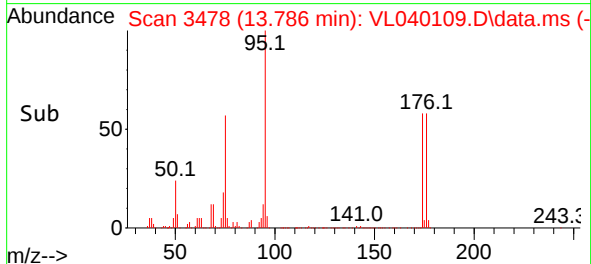
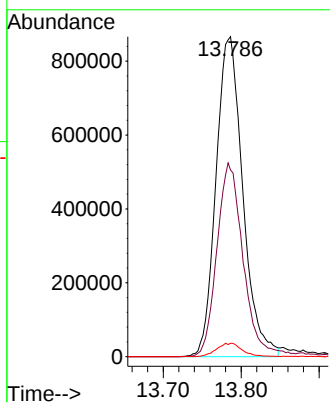
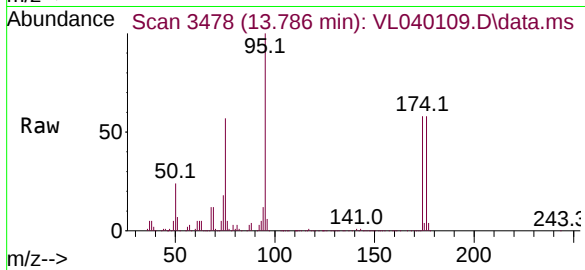




#68
1-Bromo-4-Fluorobenzene
Concen: 9.655 ppbv
RT: 13.786 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Instrument :
MSVOA_1
ClientSampleId :
QC011823 CAN 10046

Tgt Ion: 95 Resp: 2069004
Ion Ratio Lower Upper
95 100
174 61.3 47.7 71.5
175 4.1 3.4 5.2



#80
Naphthalene,2-methyl-
Concen: 0.036 ppbv
RT: 24.419 min Scan# 6785
Delta R.T. 0.032 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Tgt Ion:142 Resp: 1882
Ion Ratio Lower Upper
142 100
141 66.7 65.0 97.6
115 14.6 31.8 47.8#

