

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040790.D
 Acq On : 24 Oct 2023 10:02
 Operator : SY/MD
 Sample : QC102323 CAN 10315
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 24 16:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 24 16:11:15 2023
 Response via : Initial Calibration

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

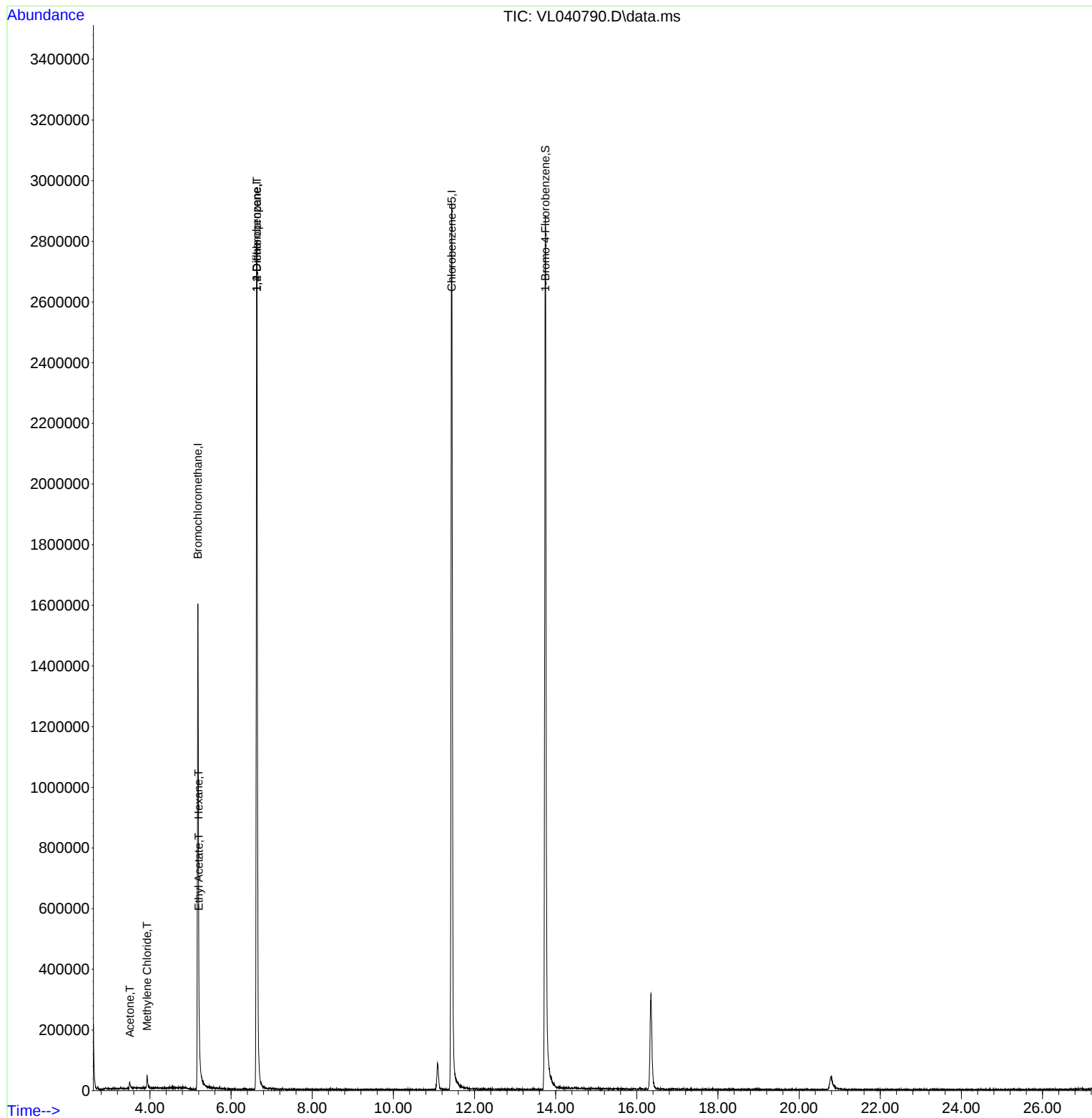
Internal Standards						
1) Bromochloromethane	5.182	49	808962	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.632	114	2290362	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.439	117	2050660	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1598176	10.591	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
					Qvalue	
15) Acetone	3.504	43	21677	0.259	ppbv #	87
20) Methylene Chloride	3.932	84	12644	0.363	ppbv #	79
25) Ethyl Acetate	5.205	43	6091	0.033	ppbv #	76
26) Hexane	5.198	57	5000	0.060	ppbv #	39
39) 1,2-Dichloropropane	6.636	63	543614	7.898	ppbv #	26

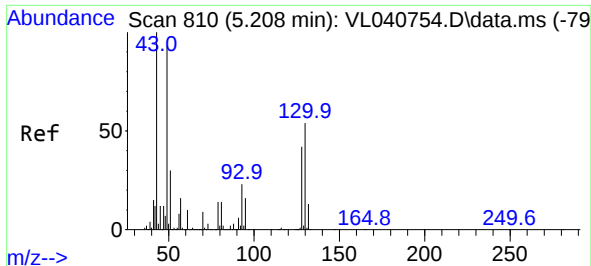
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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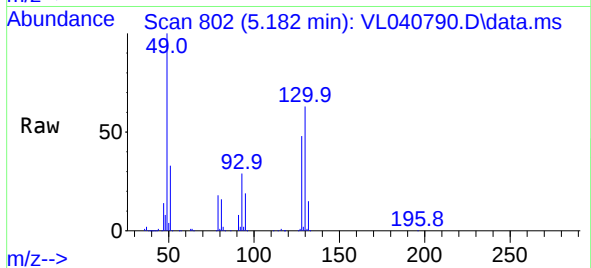
Quant Time: Oct 24 16:13:21 2023
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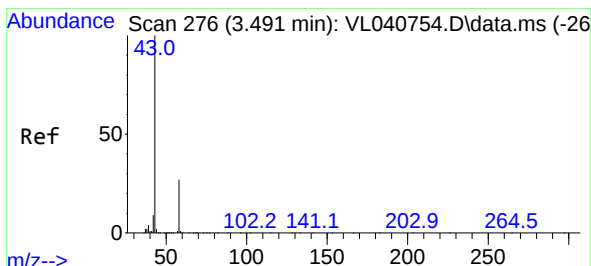
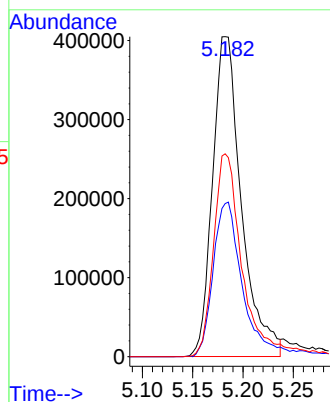
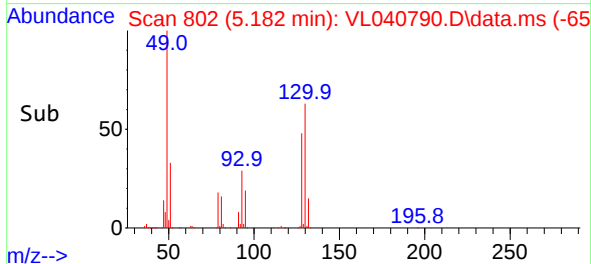


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :

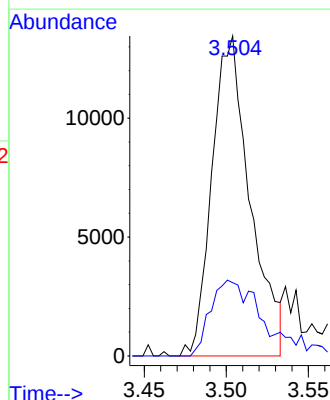
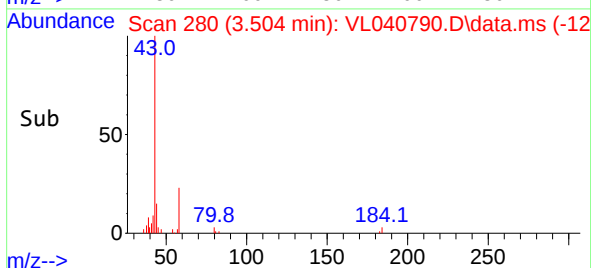
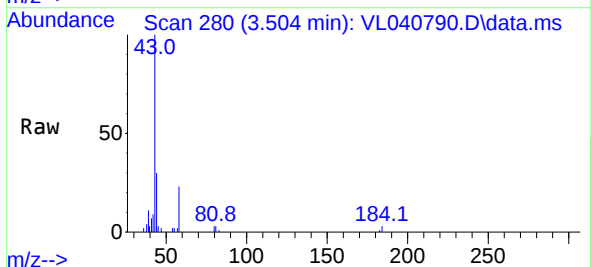


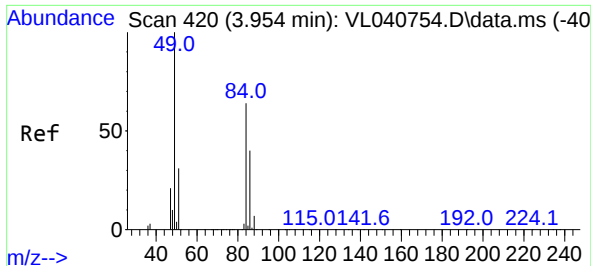
Tgt Ion: 49 Resp: 808962
Ion Ratio Lower Upper
49 100
128 51.6 23.9 71.7
130 65.1 30.7 92.1



#15
Acetone
Concen: 0.259 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.013 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

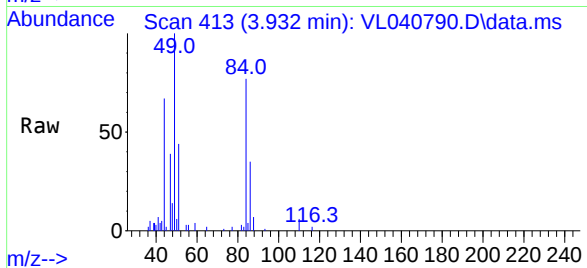
Tgt Ion: 43 Resp: 21677
Ion Ratio Lower Upper
43 100
58 33.8 21.6 32.4#



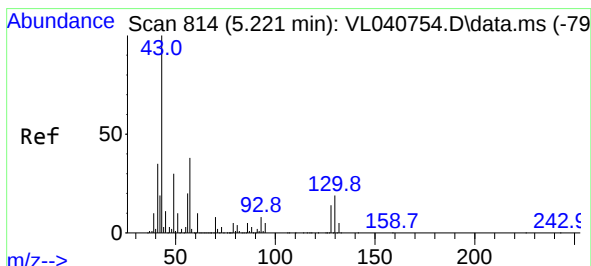
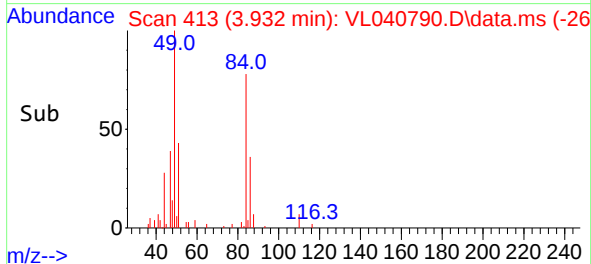
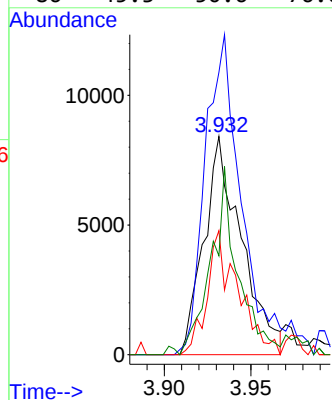


#20
Methylene Chloride
Concen: 0.363 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.022 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :

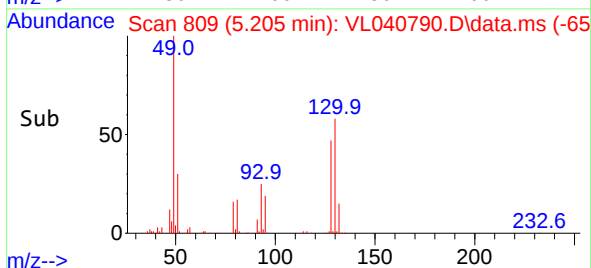
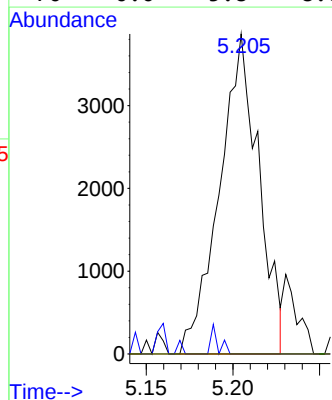
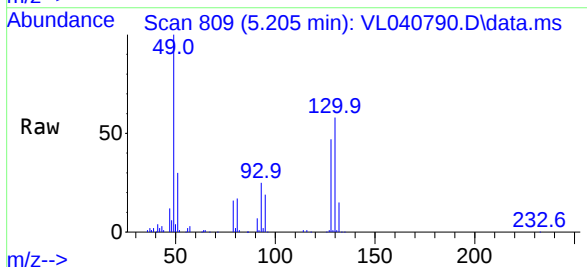


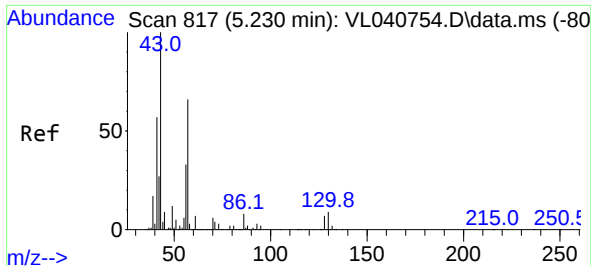
Tgt Ion: 84 Resp: 12644
Ion Ratio Lower Upper
84 100
49 127.1 125.6 188.4
51 56.8 38.9 58.3
86 45.3 50.6 76.0#



#25
Ethyl Acetate
Concen: 0.033 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.016 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

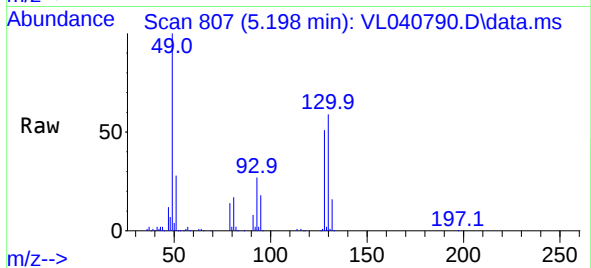
Tgt Ion: 43 Resp: 6091
Ion Ratio Lower Upper
43 100
45 1.7 8.2 12.4#
61 0.0 8.2 12.2#
70 0.0 5.8 8.6#



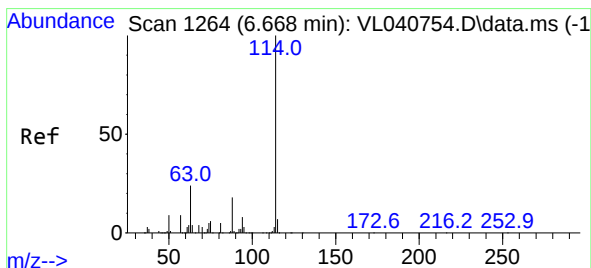
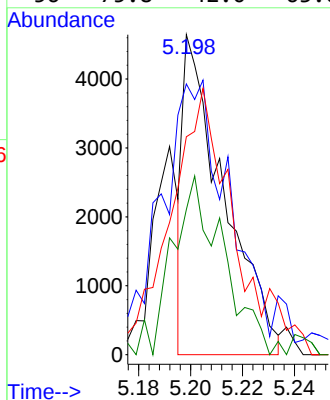
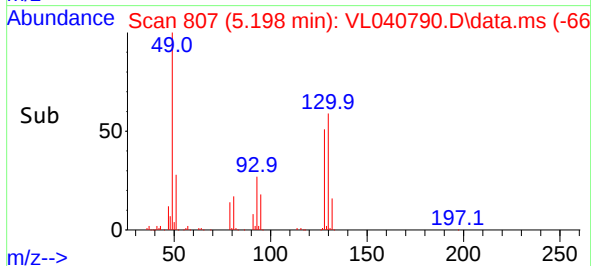


#26
Hexane
Concen: 0.060 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.032 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

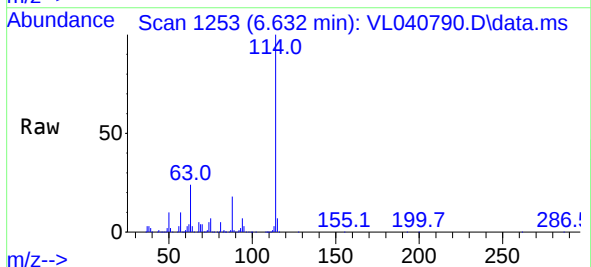
Instrument :
MSVOA_L
ClientSampleId :



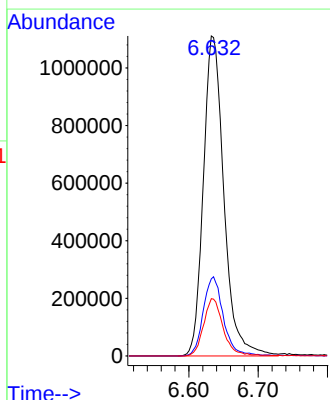
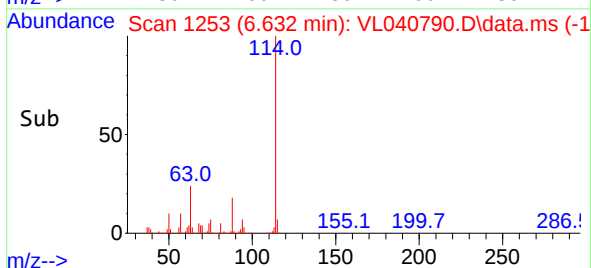
Tgt Ion: 57 Resp: 5000
Ion Ratio Lower Upper
57 100
41 170.9 71.4 107.2#
43 134.9 182.3 273.5#
56 75.8 42.0 63.0#

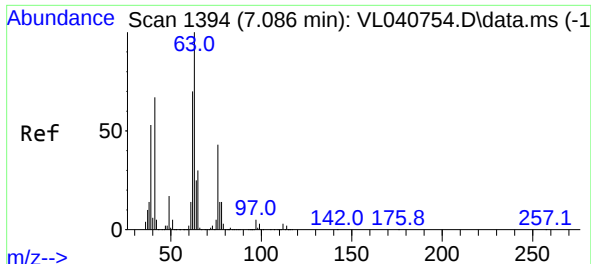


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.035 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02



Tgt Ion: 114 Resp: 2290362
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.3 14.2 21.2





#39

1,2-Dichloropropane

Concen: 7.898 ppbv

RT: 6.636 min Scan# 11

Delta R.T. -0.450 min

Lab File: VL040790.D

Acq: 24 Oct 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

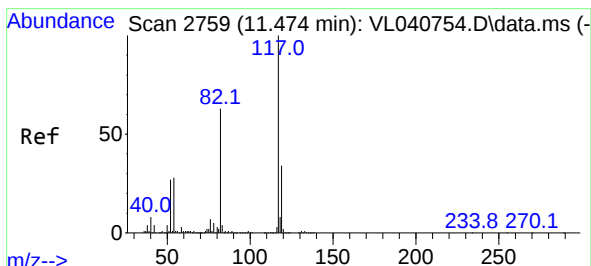
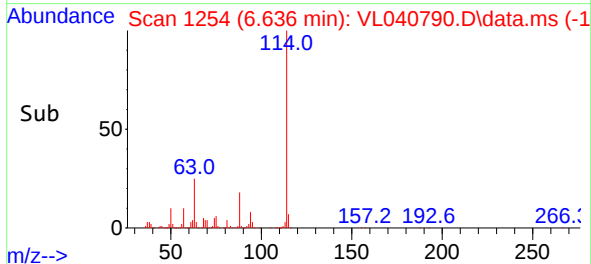
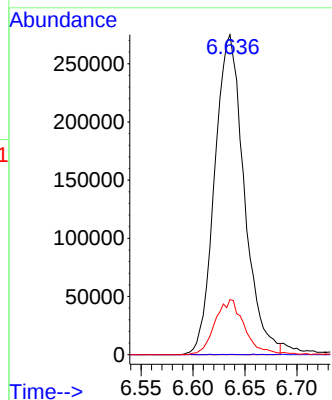
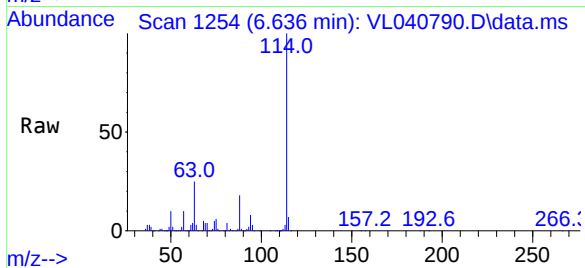
Tgt Ion: 63 Resp: 543614

Ion Ratio Lower Upper

63 100

41 0.1 53.7 80.5#

62 17.2 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.439 min Scan# 2748

Delta R.T. -0.035 min

Lab File: VL040790.D

Acq: 24 Oct 2023 10:02

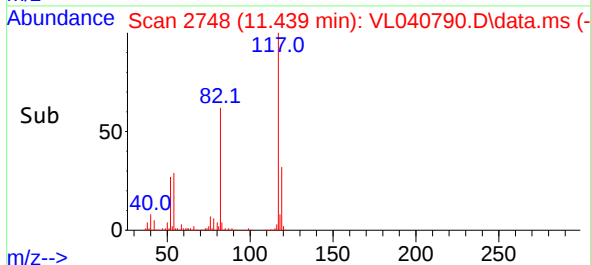
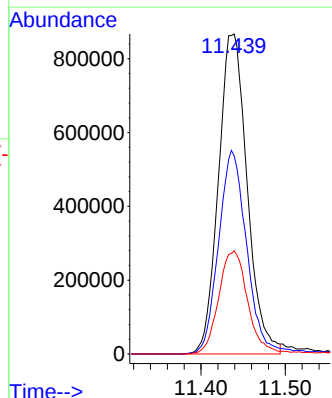
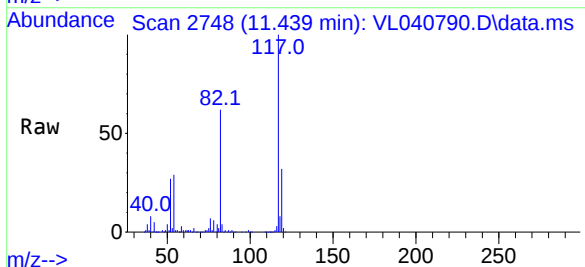
Tgt Ion: 117 Resp: 2050660

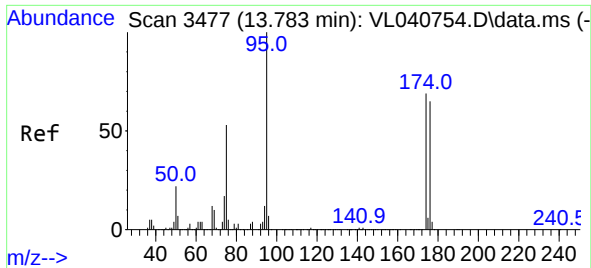
Ion Ratio Lower Upper

117 100

82 63.2 46.6 70.0

119 33.1 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.591 ppbv

RT: 13.745 min Scan# 34

Delta R.T. -0.038 min

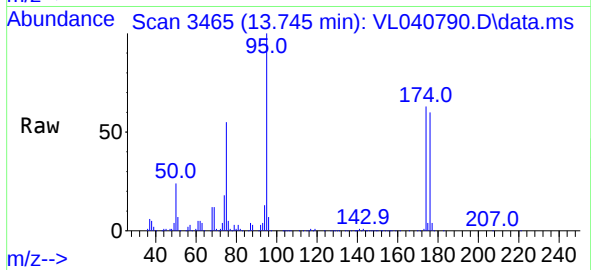
Lab File: VL040790.D

Acq: 24 Oct 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1598176

Ion Ratio Lower Upper

95 100

174 63.3 54.7 82.1

175 4.8 4.2 6.4

