

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040810.D
 Acq On : 8 Nov 2023 14:10
 Operator : SY/MD
 Sample : VL1108ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABL01

Quant Time: Nov 09 00:29:34 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 : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

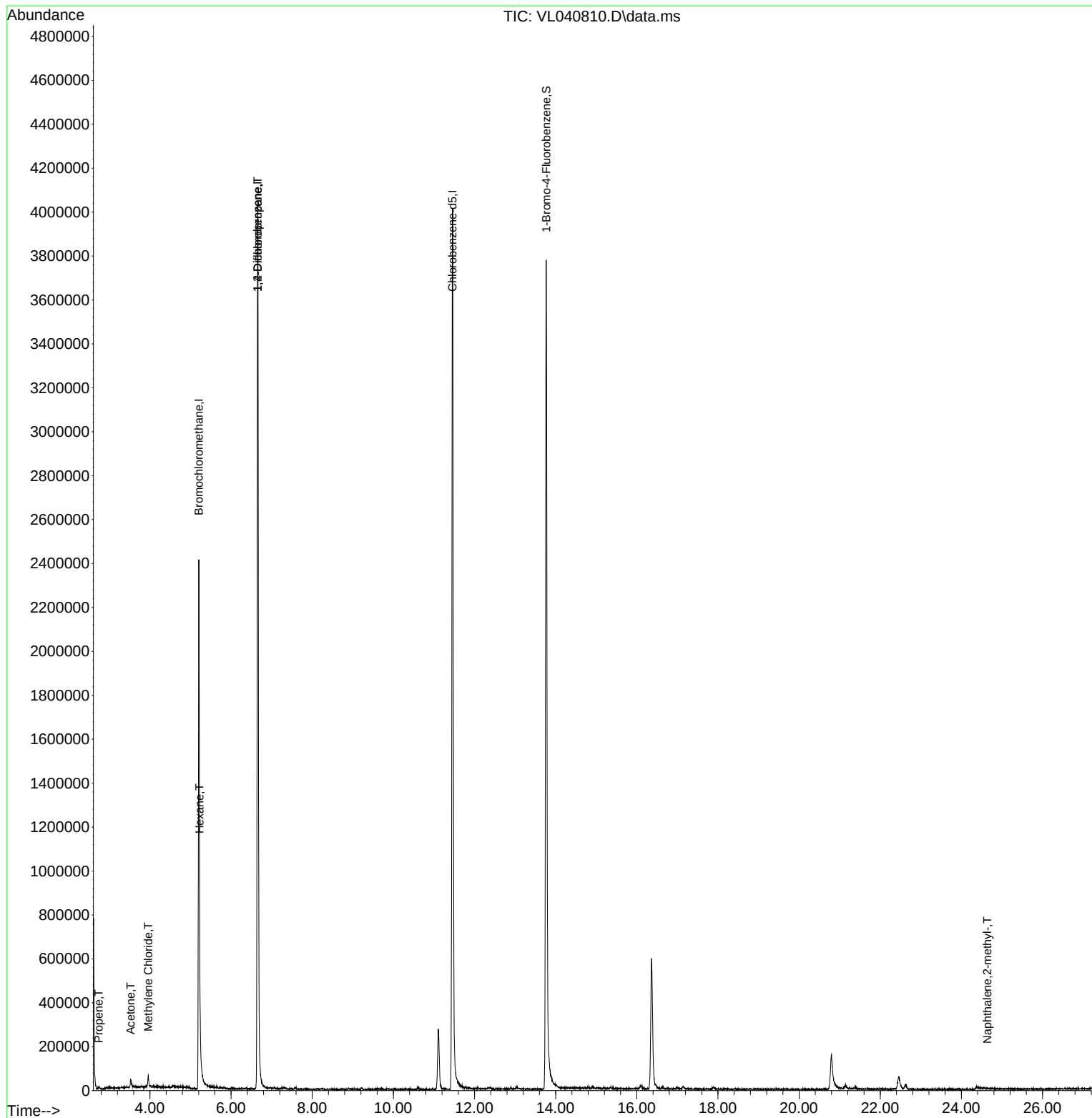
Internal Standards						
1) Bromochloromethane	5.205	49	1250726	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3208466	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2766898	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2058480	10.111	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	2143	0.031	ppbv #	78
15) Acetone	3.523	43	39448	0.305	ppbv #	86
20) Methylene Chloride	3.957	84	16642	0.309	ppbv	96
26) Hexane	5.224	57	9570	0.074	ppbv #	42
39) 1,2-Dichloropropane	6.655	63	781964	8.110	ppbv #	25
80) Naphthalene,2-methyl-	24.638	142	3238	0.046	ppbv	92

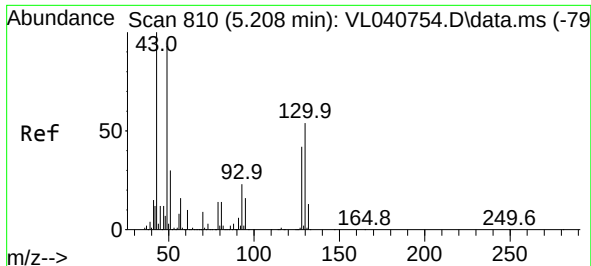
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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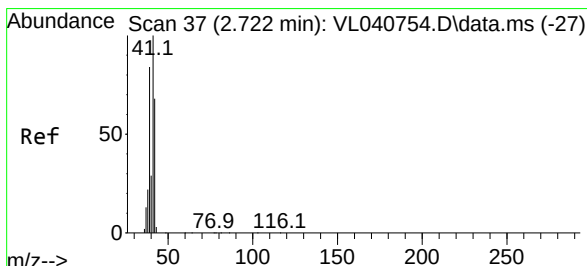
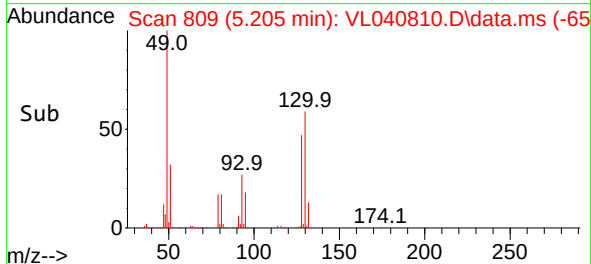
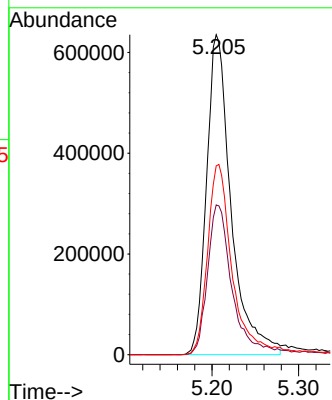
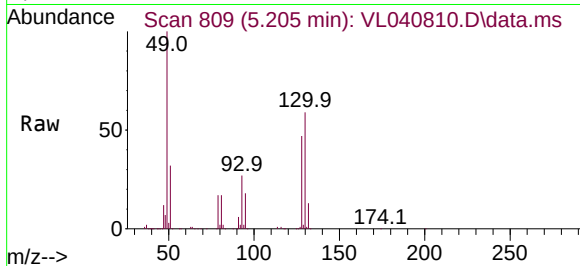




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

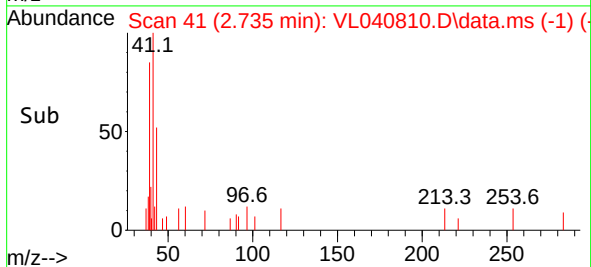
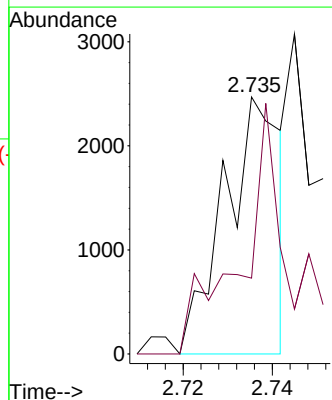
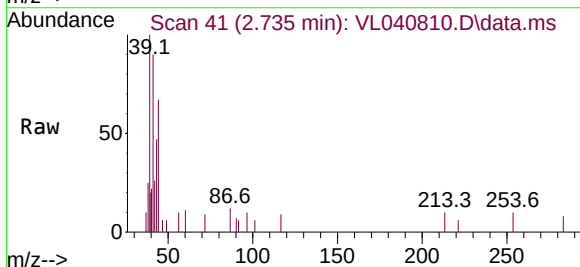
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABL01

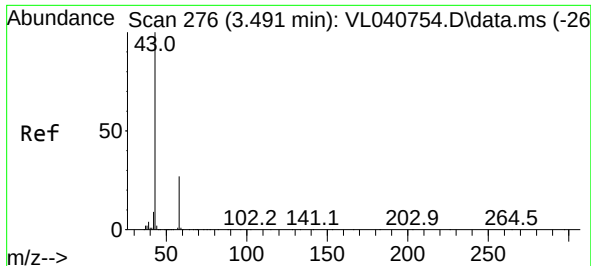
Tgt Ion: 49 Resp: 1250726
Ion Ratio Lower Upper
49 100
128 48.1 23.9 71.7
130 62.2 30.7 92.1



#9
Propene
Concen: 0.031 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

Tgt Ion: 41 Resp: 2143
Ion Ratio Lower Upper
41 100
42 89.3 57.1 85.7#

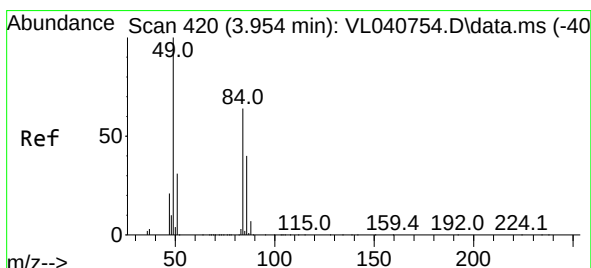
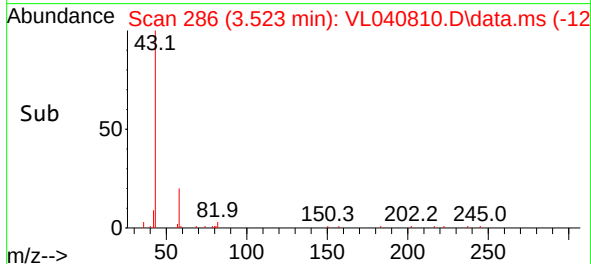
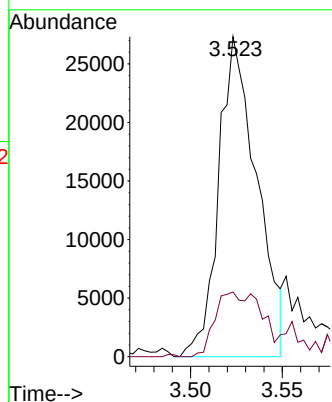
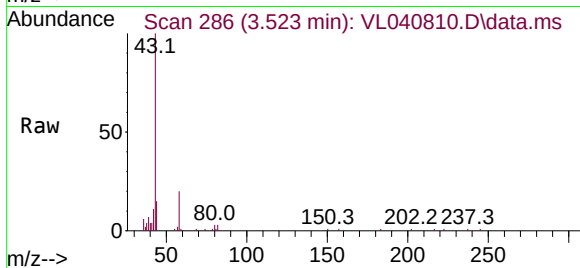




#15
Acetone
Concen: 0.305 ppbv
RT: 3.523 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

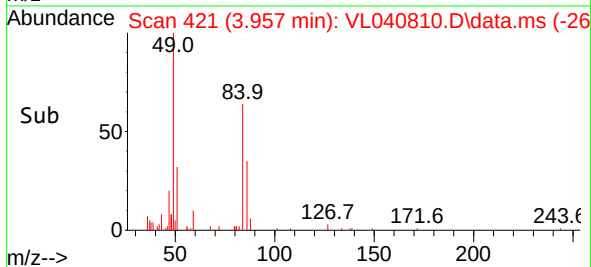
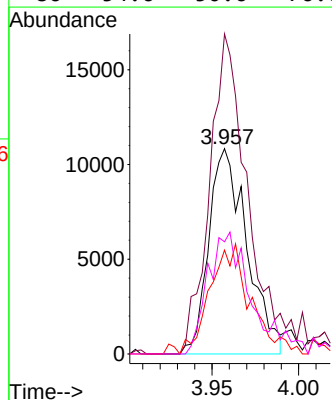
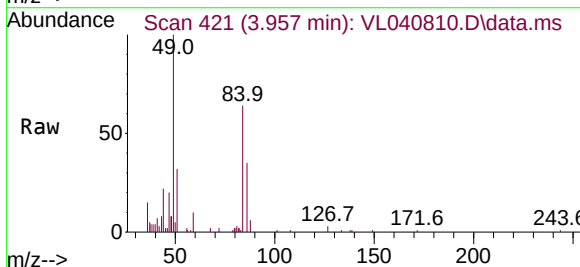
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABL01

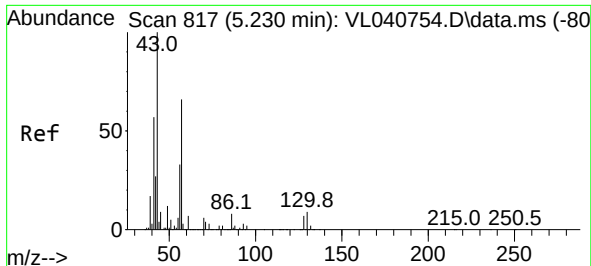
Tgt Ion: 43 Resp: 39448
Ion Ratio Lower Upper
43 100
58 34.3 21.6 32.4#



#20
Methylene Chloride
Concen: 0.309 ppbv
RT: 3.957 min Scan# 421
Delta R.T. -0.003 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

Tgt Ion: 84 Resp: 16642
Ion Ratio Lower Upper
84 100
49 155.8 125.6 188.4
51 50.6 38.9 58.3
86 54.6 50.6 76.0

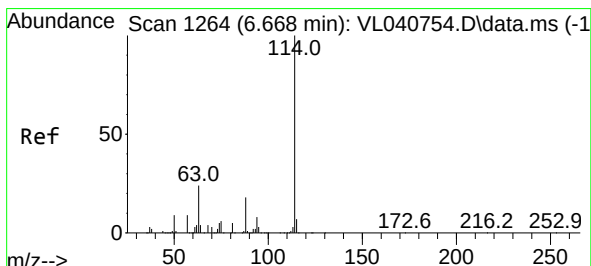
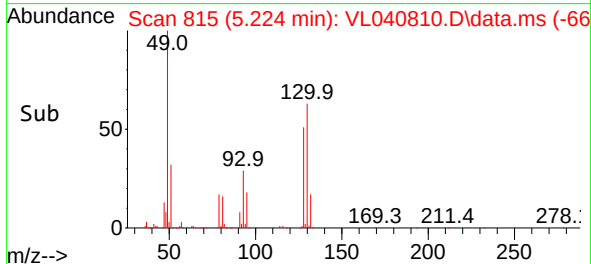
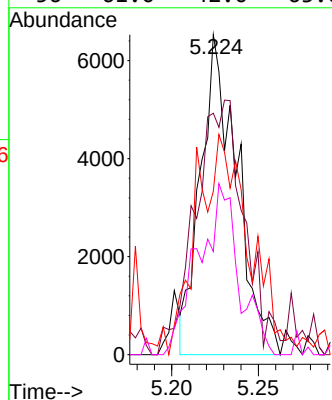
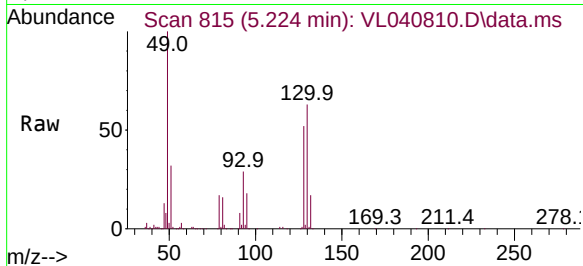




#26
Hexane
Concen: 0.074 ppbv
RT: 5.224 min Scan# 817
Delta R.T. -0.003 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

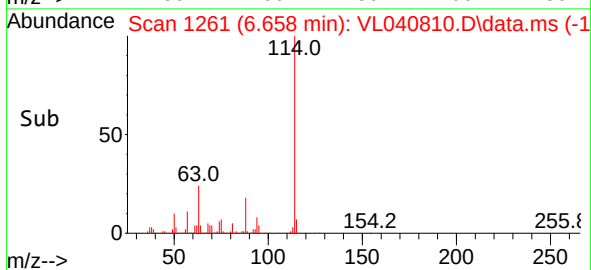
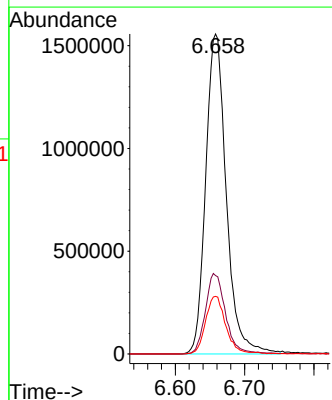
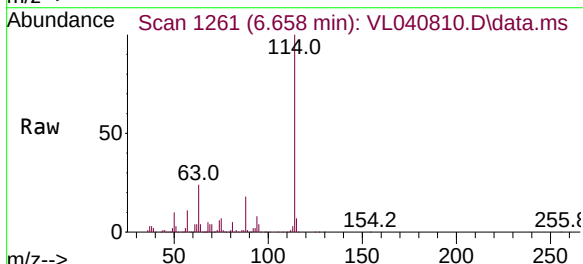
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABL01

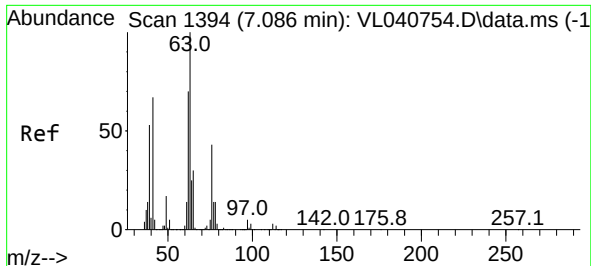
Tgt Ion: 57 Resp: 9570
Ion Ratio Lower Upper
57 100
41 119.4 71.4 107.2#
43 99.3 182.3 273.5#
56 61.0 42.0 63.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

Tgt Ion: 114 Resp: 3208466
Ion Ratio Lower Upper
114 100
63 24.9 19.8 29.6
88 17.9 14.2 21.2





#39

1,2-Dichloropropane

Concen: 8.110 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.427 min

Lab File: VL040810.D

Acq: 8 Nov 2023 14:10

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABL01

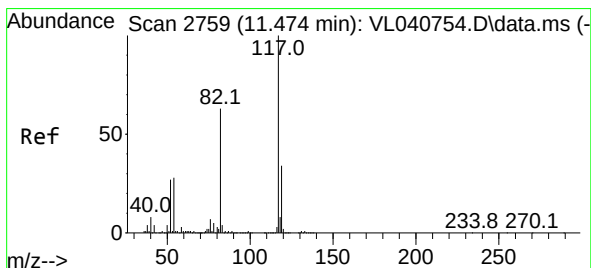
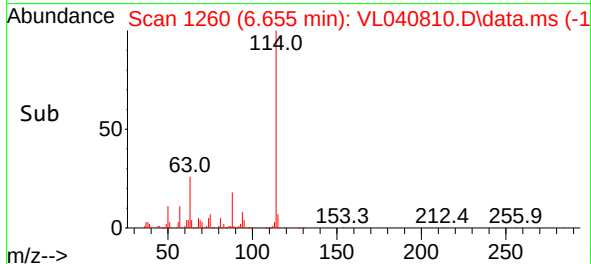
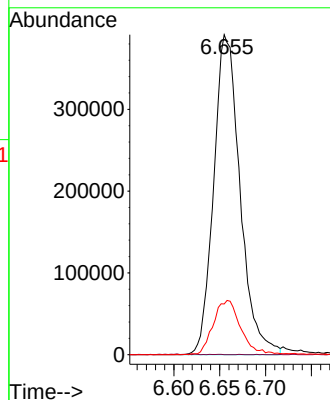
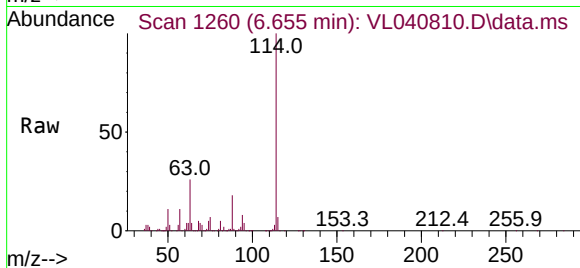
Tgt Ion: 63 Resp: 781964

Ion Ratio Lower Upper

63 100

41 0.0 53.7 80.5#

62 15.8 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.003 min

Lab File: VL040810.D

Acq: 8 Nov 2023 14:10

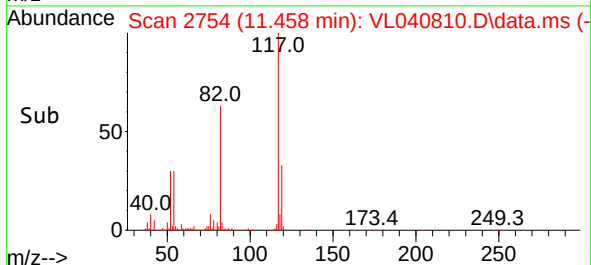
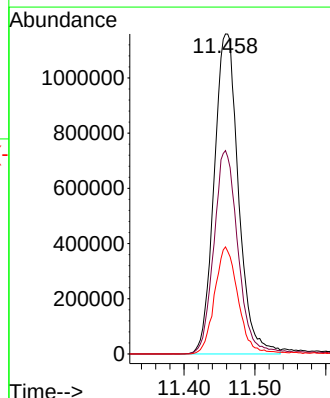
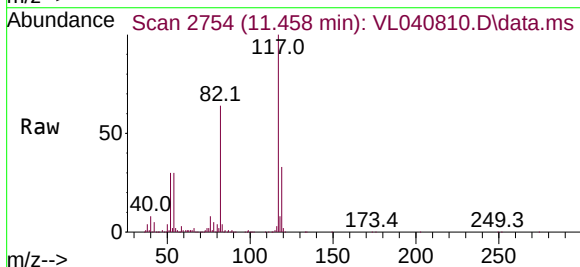
Tgt Ion: 117 Resp: 2766898

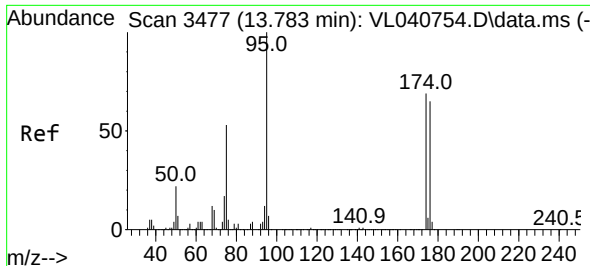
Ion Ratio Lower Upper

117 100

82 64.5 46.6 70.0

119 32.9 26.0 39.0

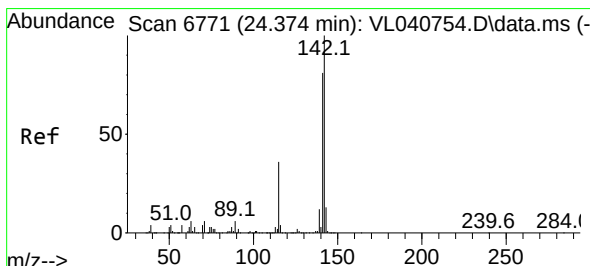
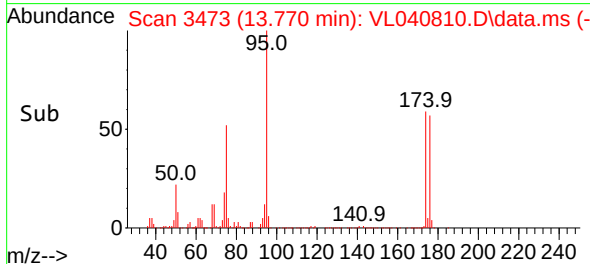
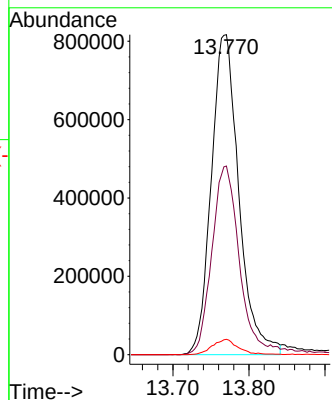
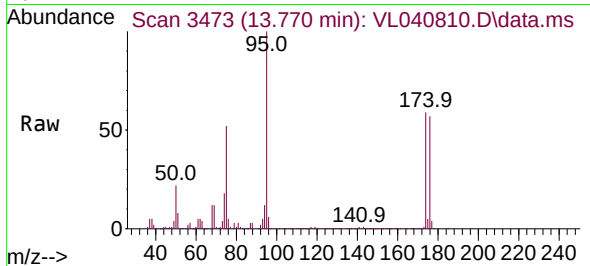




#68
1-Bromo-4-Fluorobenzene
Concen: 10.111 ppbv
RT: 13.770 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

Instrument :
MSVOA_1
ClientSampleId :
VL1108ABL01

Tgt Ion: 95 Resp: 2058480
Ion Ratio Lower Upper
95 100
174 60.9 54.7 82.1
175 4.6 4.2 6.4



#80
Naphthalene,2-methyl-
Concen: 0.046 ppbv
RT: 24.638 min Scan# 6853
Delta R.T. 0.273 min
Lab File: VL040810.D
Acq: 8 Nov 2023 14:10

Tgt Ion:142 Resp: 3238
Ion Ratio Lower Upper
142 100
141 75.3 66.3 99.5
115 33.2 30.0 45.0

