

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040485.D
 Acq On : 22 Jun 2023 14:10
 Operator : SY/MD
 Sample : VL0622ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABL01

Quant Time: Jun 23 01:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

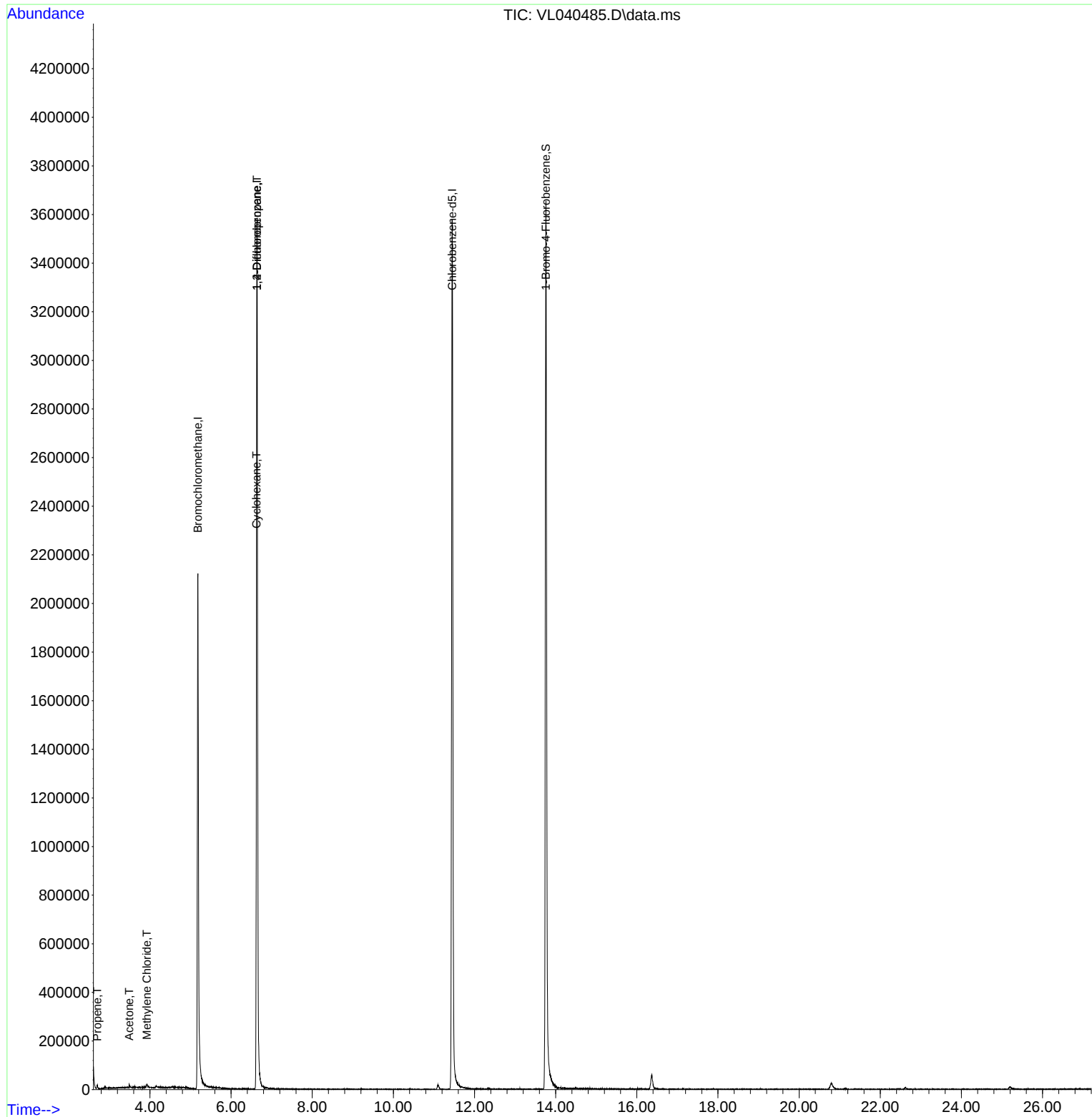
Internal Standards						
1) Bromochloromethane	5.179	49	1047468	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2712756	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2318092	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1842642	9.631	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	3916	0.074	ppbv	90
15) Acetone	3.491	43	7676	0.061	ppbv #	66
20) Methylene Chloride	3.925	84	2517	0.047	ppbv #	88
30) Cyclohexane	6.626	84	4039	0.046	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	675063	8.115	ppbv #	22

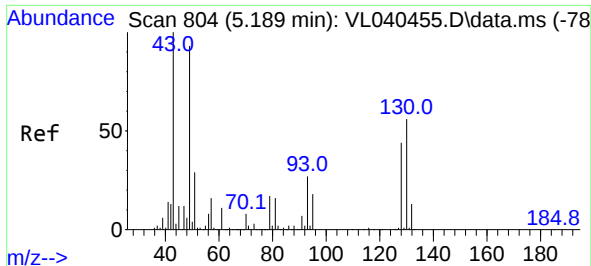
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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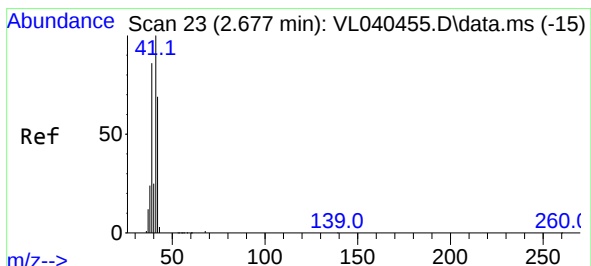
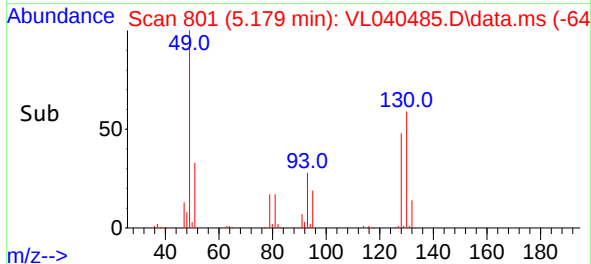
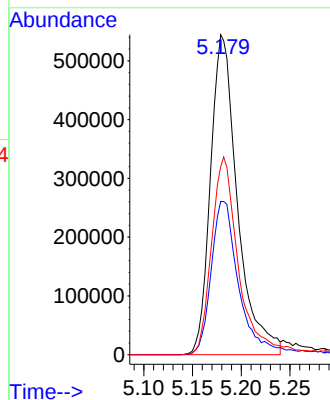
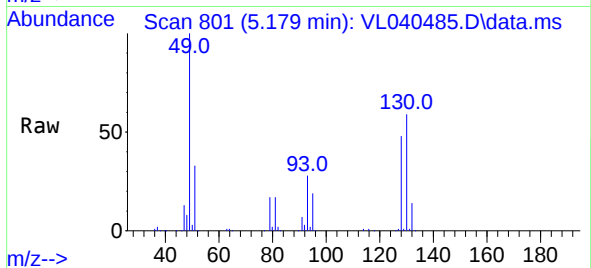




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

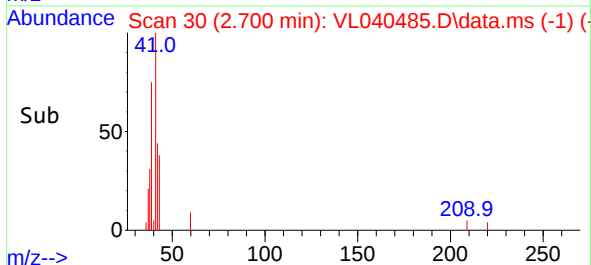
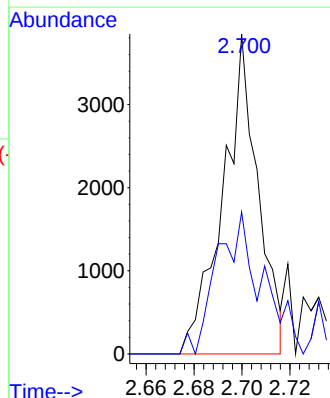
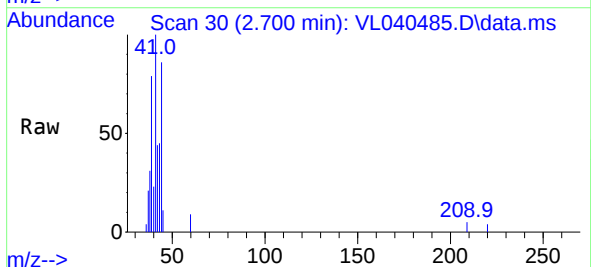
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABL01

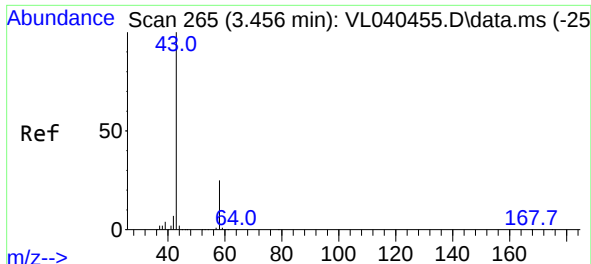
Tgt Ion: 49 Resp: 1047468
Ion Ratio Lower Upper
49 100
128 51.3 24.7 74.1
130 64.1 31.4 94.2



#9
Propene
Concen: 0.074 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

Tgt Ion: 41 Resp: 3916
Ion Ratio Lower Upper
41 100
42 62.2 56.2 84.2

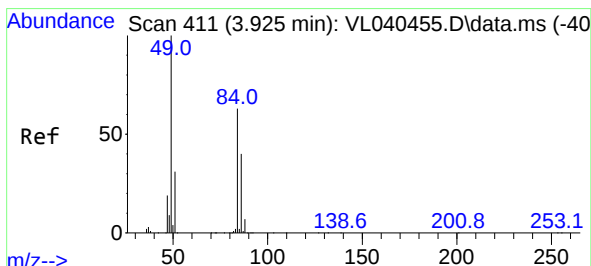
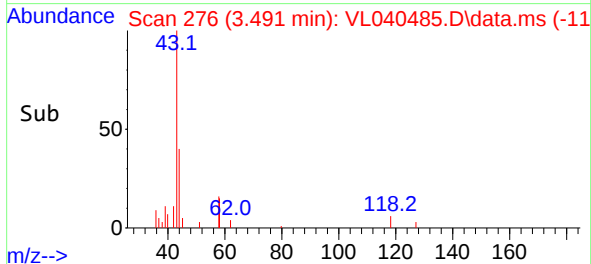
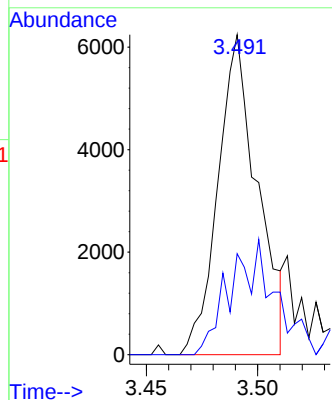
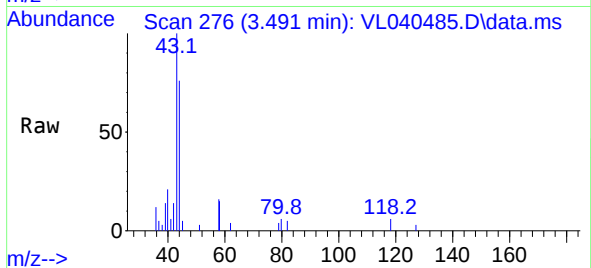




#15
Acetone
Concen: 0.061 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

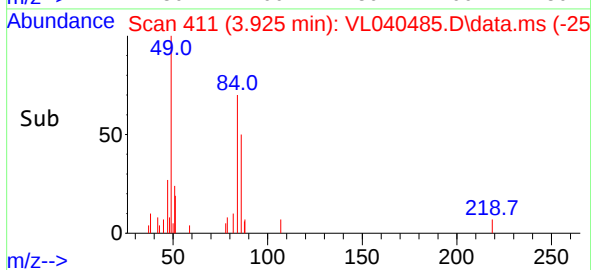
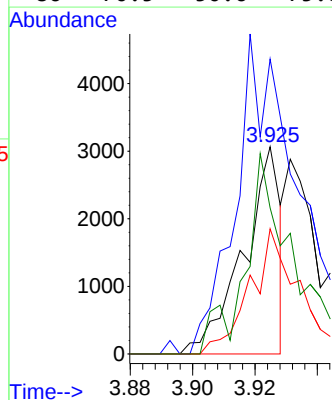
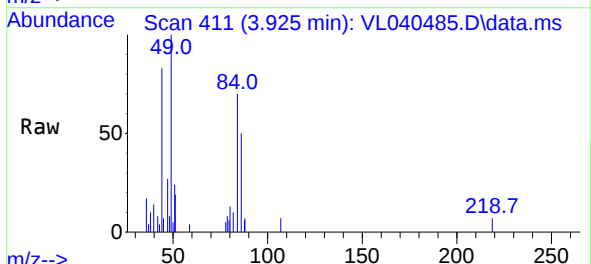
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABL01

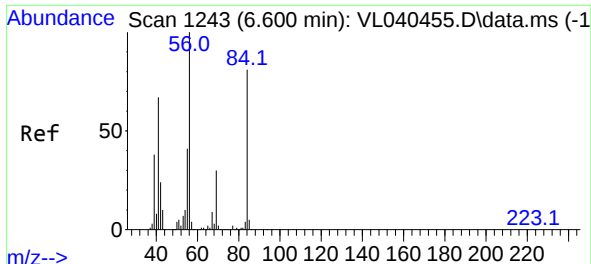
Tgt Ion: 43 Resp: 7676
Ion Ratio Lower Upper
43 100
58 44.5 21.6 32.4#



#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

Tgt Ion: 84 Resp: 2517
Ion Ratio Lower Upper
84 100
49 142.3 126.2 189.2
51 60.4 38.7 58.1#
86 70.5 50.6 75.8

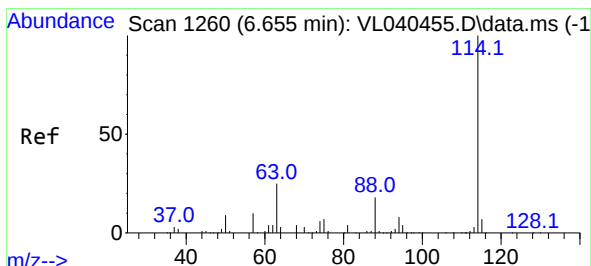
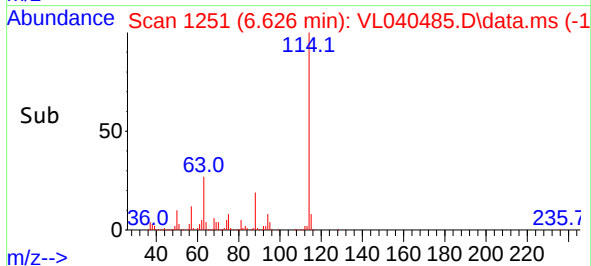
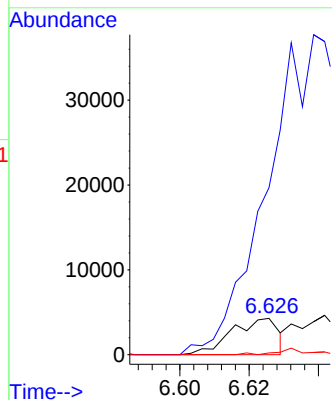
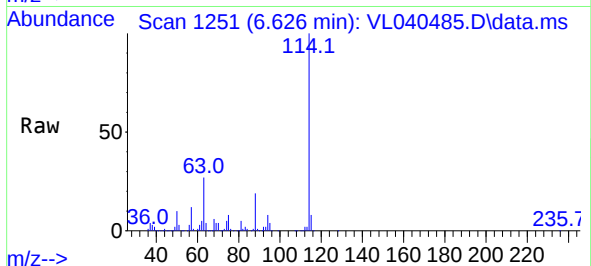




#30
Cyclohexane
Concen: 0.046 ppbv
RT: 6.626 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

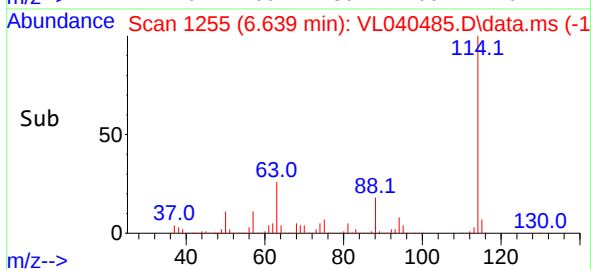
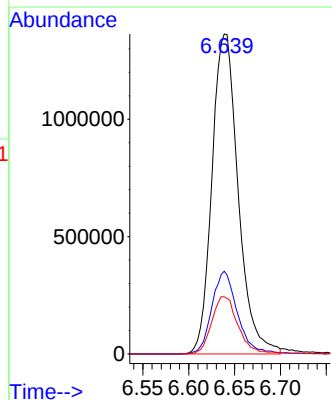
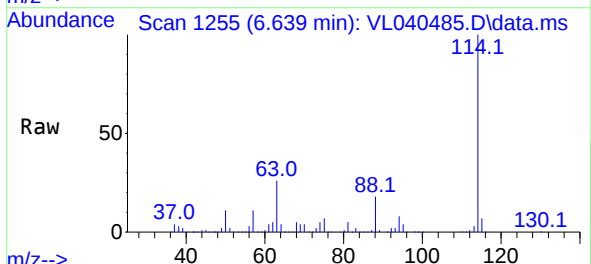
Instrument :
MSVOA_1
ClientSampleId :
VL0622ABL01

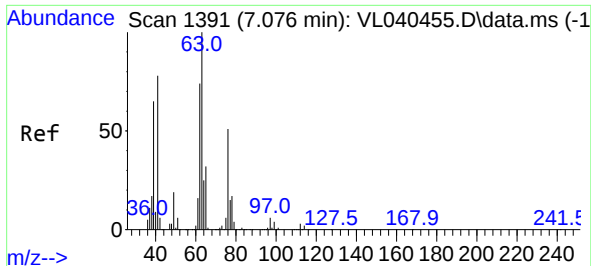
Tgt Ion: 84 Resp: 4039
Ion Ratio Lower Upper
84 100
56 0.0 106.0 159.0#
41 0.0 66.8 100.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VL040485.D
Acq: 22 Jun 2023 14:10

Tgt Ion: 114 Resp: 2712756
Ion Ratio Lower Upper
114 100
63 25.5 21.0 31.6
88 18.2 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.115 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL040485.D

Acq: 22 Jun 2023 14:10

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABL01

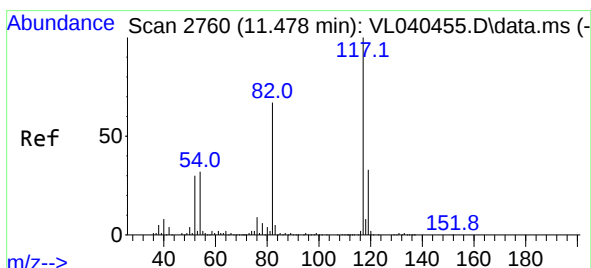
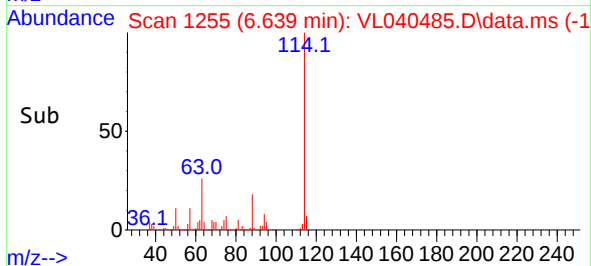
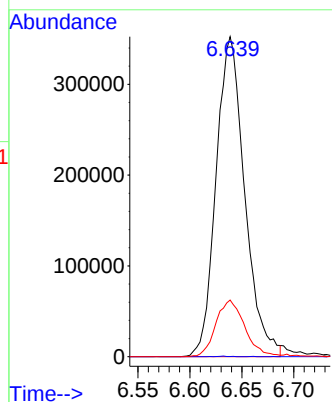
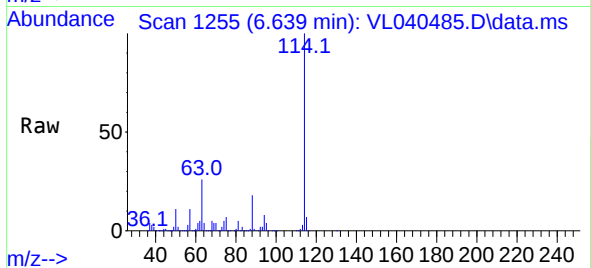
Tgt Ion: 63 Resp: 675063

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.2#

62 17.7 59.0 88.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.029 min

Lab File: VL040485.D

Acq: 22 Jun 2023 14:10

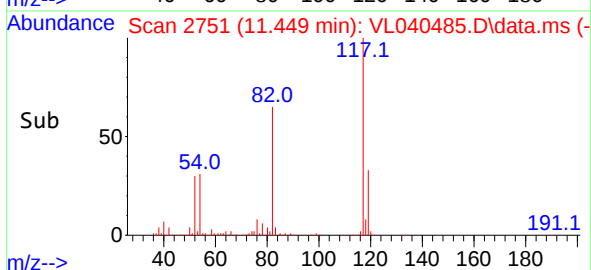
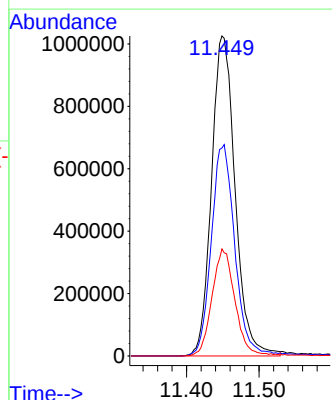
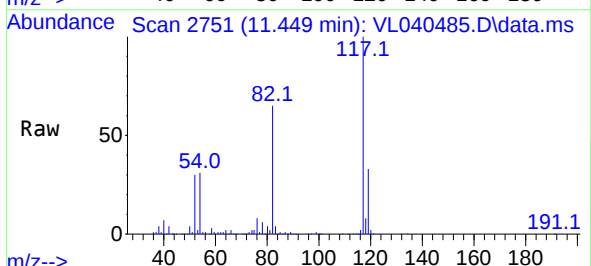
Tgt Ion: 117 Resp: 2318092

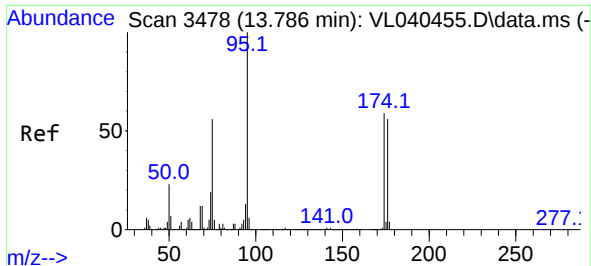
Ion Ratio Lower Upper

117 100

82 67.0 53.0 79.4

119 32.9 24.4 36.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.631 ppbv

RT: 13.760 min Scan# 34

Delta R.T. -0.026 min

Lab File: VL040485.D

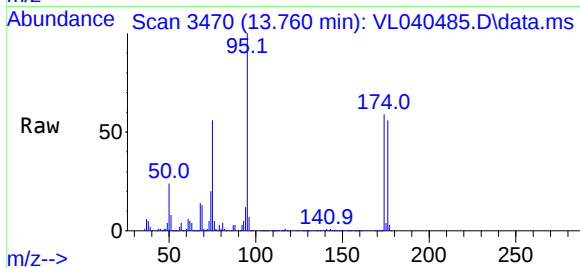
Acq: 22 Jun 2023 14:10

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABL01



Tgt Ion: 95 Resp: 1842642

Ion Ratio Lower Upper

95 100

174 60.9 47.7 71.5

175 4.0 3.5 5.3

