

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040159.D
 Acq On : 13 Feb 2023 13:45
 Operator : SY/MD
 Sample : VL0213ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABL01

Quant Time: Feb 14 01:45:10 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 : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

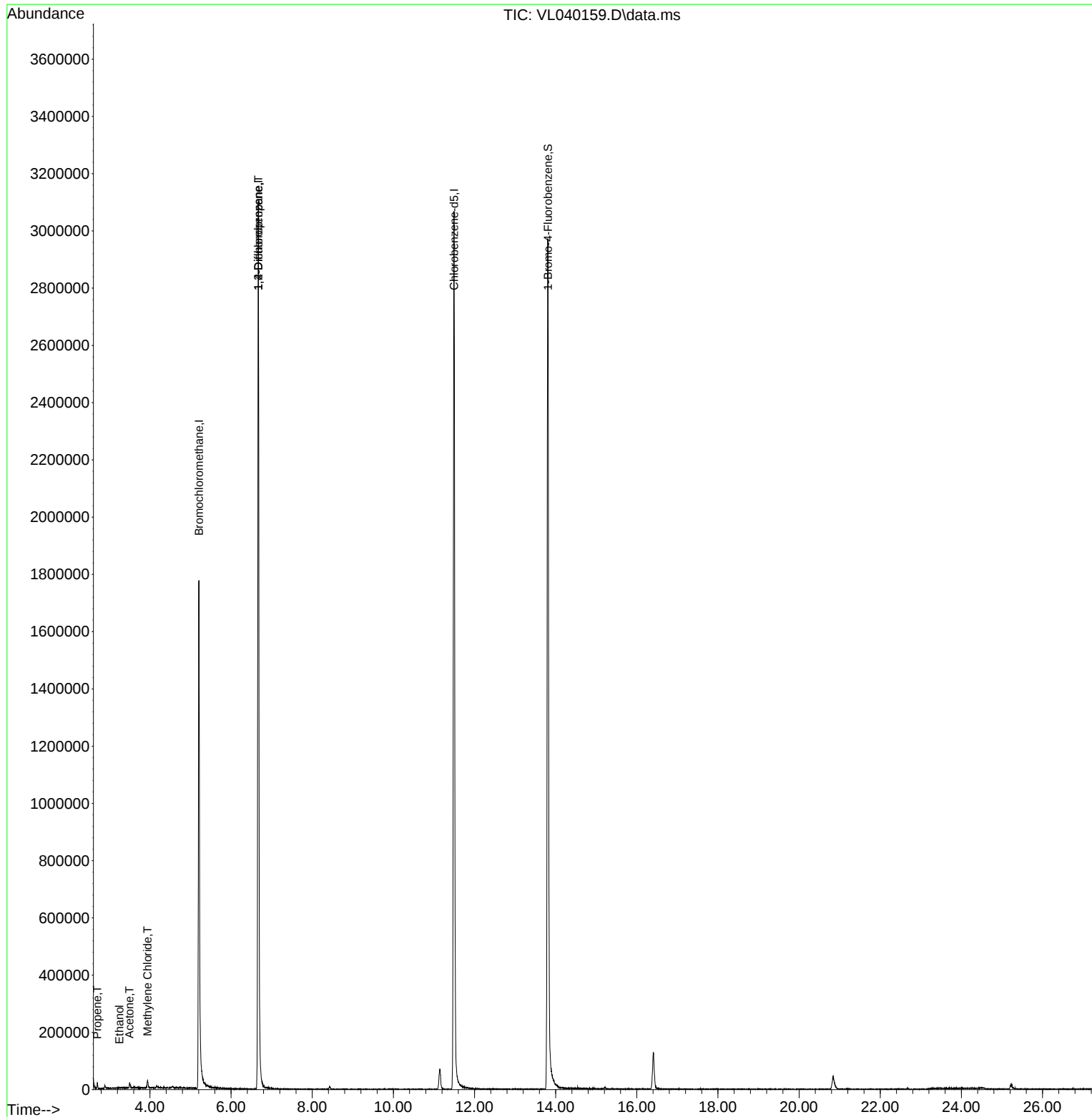
Internal Standards						
1) Bromochloromethane	5.208	49	910408	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2351270	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	1988891	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1543892	9.340	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	2979	0.066	ppbv #	15
13) Ethanol	3.250	45	289	0.069	ppbv #	1
15) Acetone	3.497	43	15101	0.138	ppbv #	87
20) Methylene Chloride	3.941	84	7333	0.152	ppbv #	82
39) 1,2-Dichloropropane	6.671	63	593392	8.719	ppbv #	22

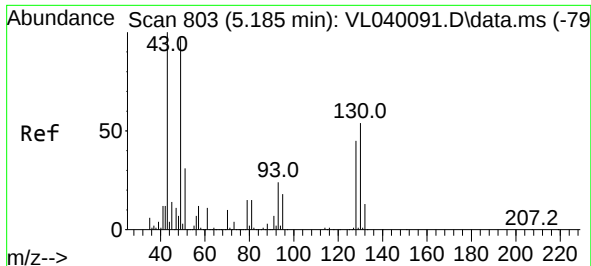
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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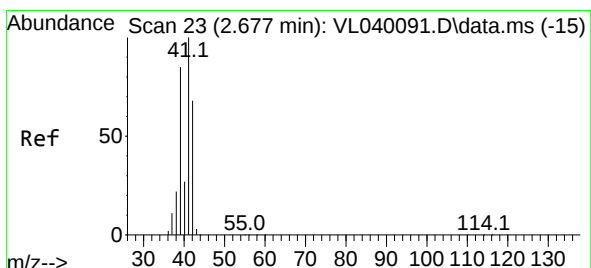
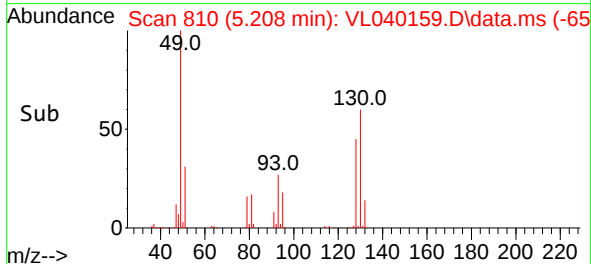
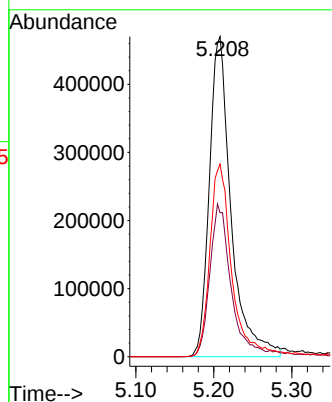
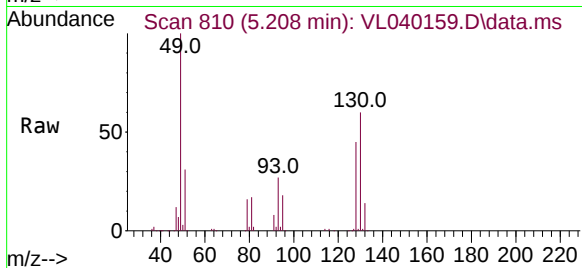




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

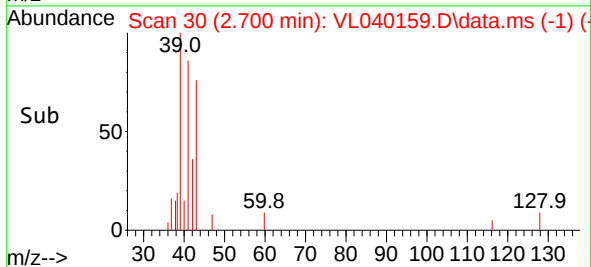
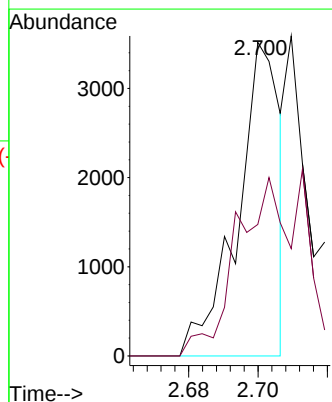
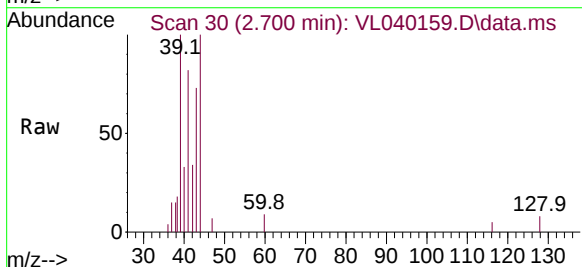
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABL01

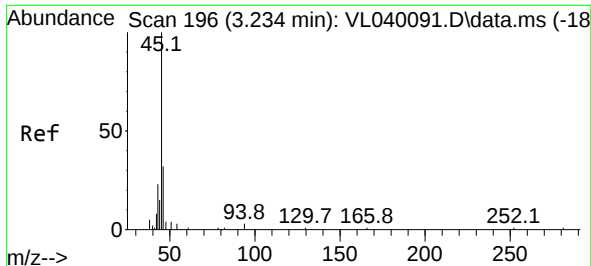
Tgt Ion: 49 Resp: 910408
Ion Ratio Lower Upper
49 100
128 48.7 23.6 71.0
130 62.6 29.8 89.3



#9
Propene
Concen: 0.066 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Tgt Ion: 41 Resp: 2979
Ion Ratio Lower Upper
41 100
42 0.0 55.6 83.4#





#13

Ethanol

Concen: 0.069 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.007 min

Lab File: VL040159.D

Acq: 13 Feb 2023 13:45

Instrument :

MSVOA_L

ClientSampleId :

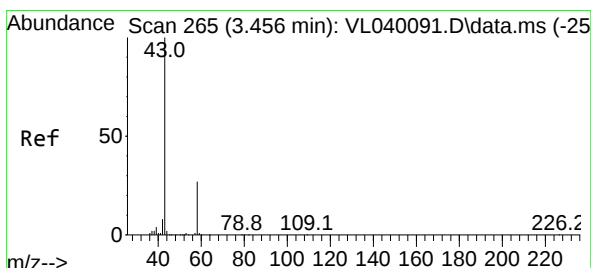
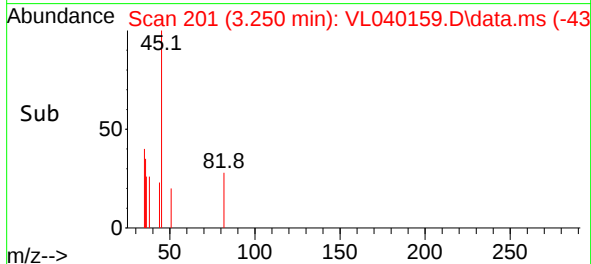
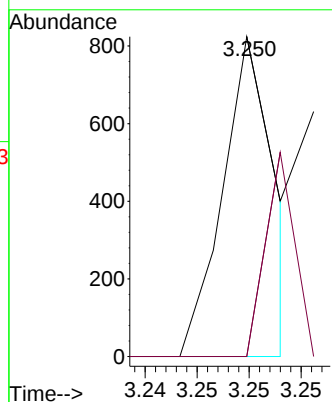
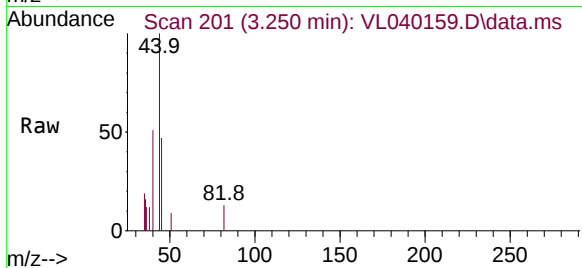
VL0213ABL01

Tgt Ion: 45 Resp: 289

Ion Ratio Lower Upper

45 100

46 212.8 14.8 59.2#



#15

Acetone

Concen: 0.138 ppbv

RT: 3.497 min Scan# 278

Delta R.T. 0.026 min

Lab File: VL040159.D

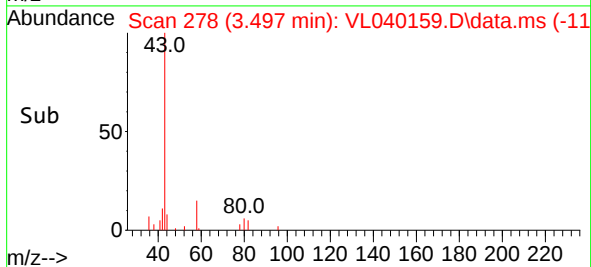
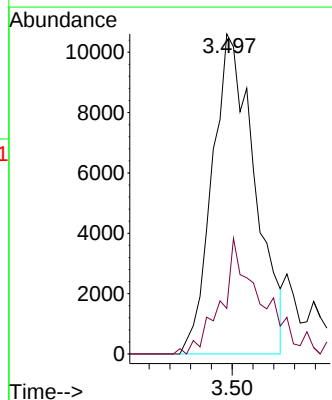
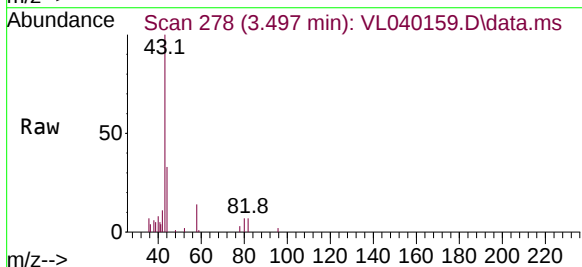
Acq: 13 Feb 2023 13:45

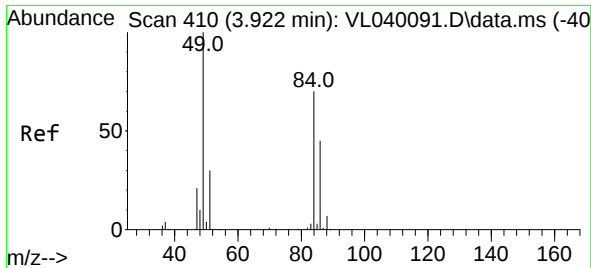
Tgt Ion: 43 Resp: 15101

Ion Ratio Lower Upper

43 100

58 33.8 21.8 32.8#



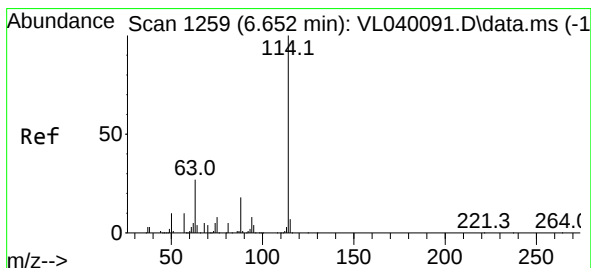
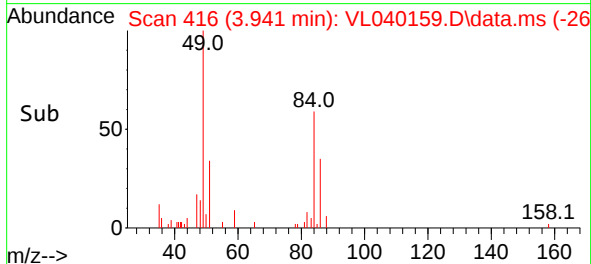
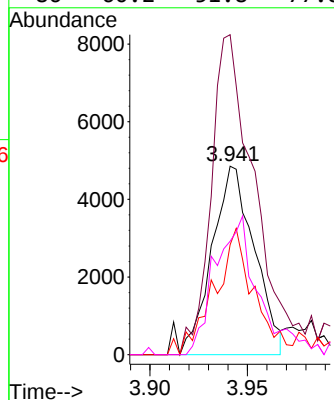
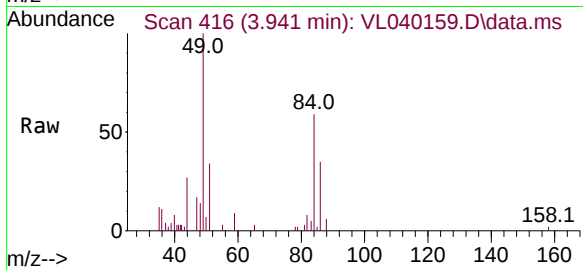


#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 3.941 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABL01

Tgt Ion: 84 Resp: 7333

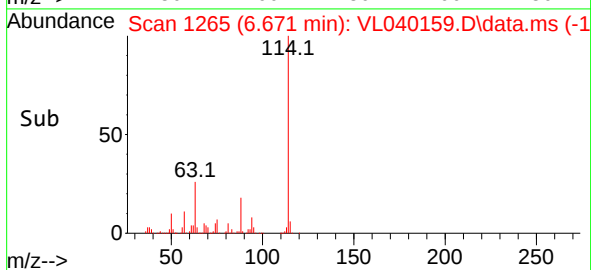
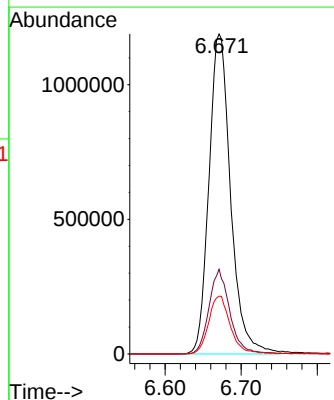
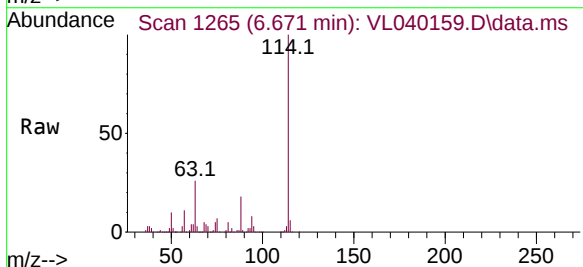
Ion	Ratio	Lower	Upper
84	100		
49	169.8	114.6	171.8
51	58.4	34.3	51.5#
86	60.2	51.8	77.8

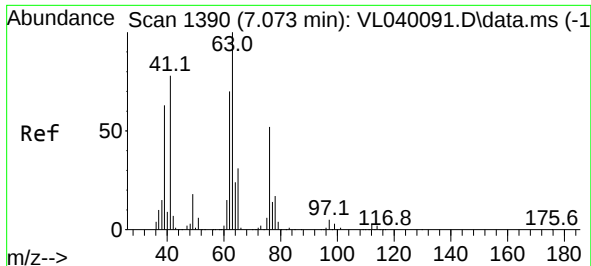


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Tgt Ion: 114 Resp: 2351270

Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.8	32.8
88	18.2	14.8	22.2





#39

1,2-Dichloropropane

Concen: 8.719 ppbv

RT: 6.671 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040159.D

Acq: 13 Feb 2023 13:45

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABL01

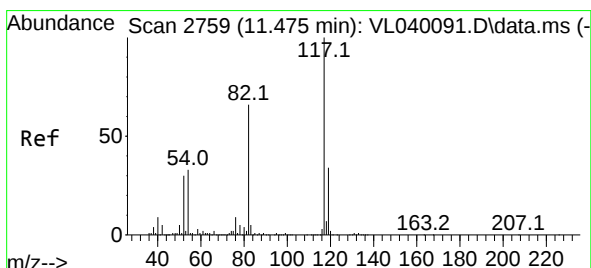
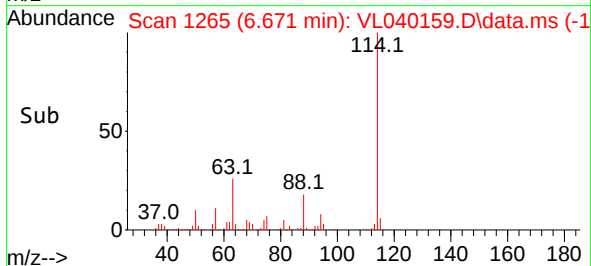
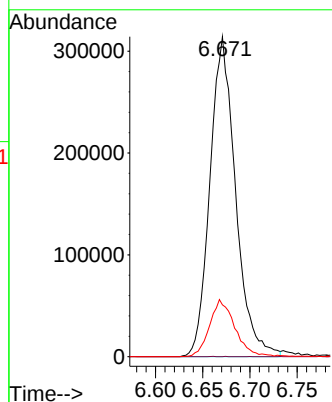
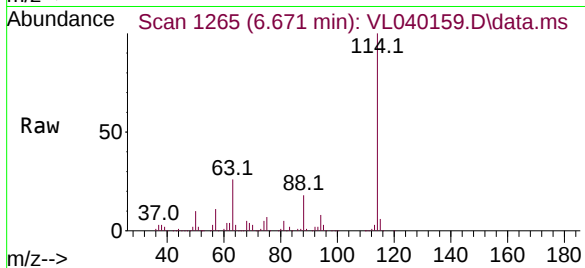
Tgt Ion: 63 Resp: 593392

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 16.2 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.494 min Scan# 2765

Delta R.T. -0.003 min

Lab File: VL040159.D

Acq: 13 Feb 2023 13:45

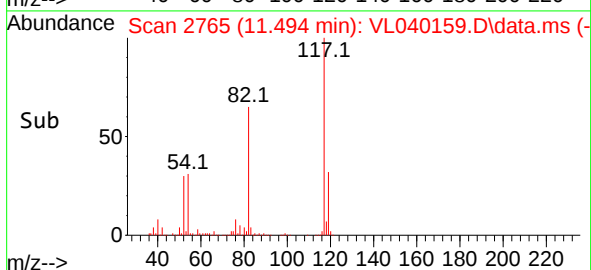
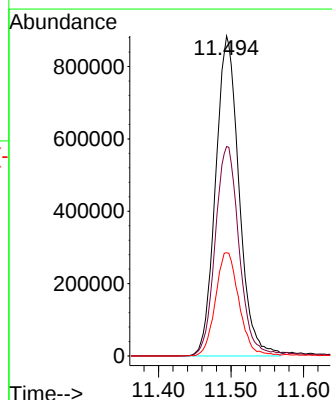
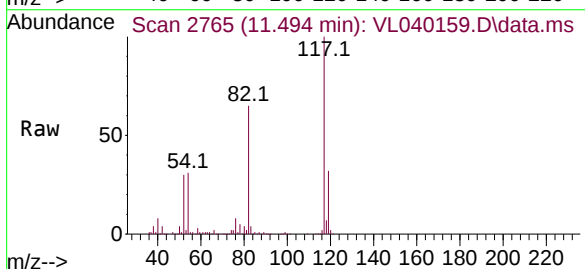
Tgt Ion: 117 Resp: 1988891

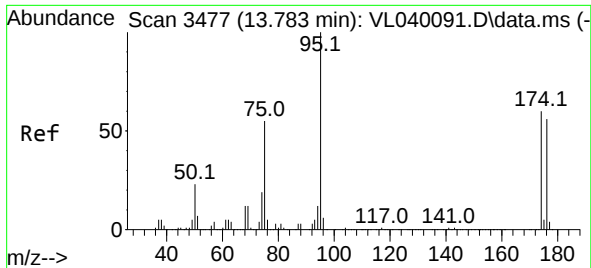
Ion Ratio Lower Upper

117 100

82 68.3 54.4 81.6

119 33.1 26.8 40.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.340 ppbv
 RT: 13.809 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL040159.D
 Acq: 13 Feb 2023 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABL01

Tgt Ion: 95 Resp: 1543892
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.7 71.5
 175 4.1 3.4 5.2

