

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041687.D
 Acq On : 7 Nov 2024 21:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 03:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

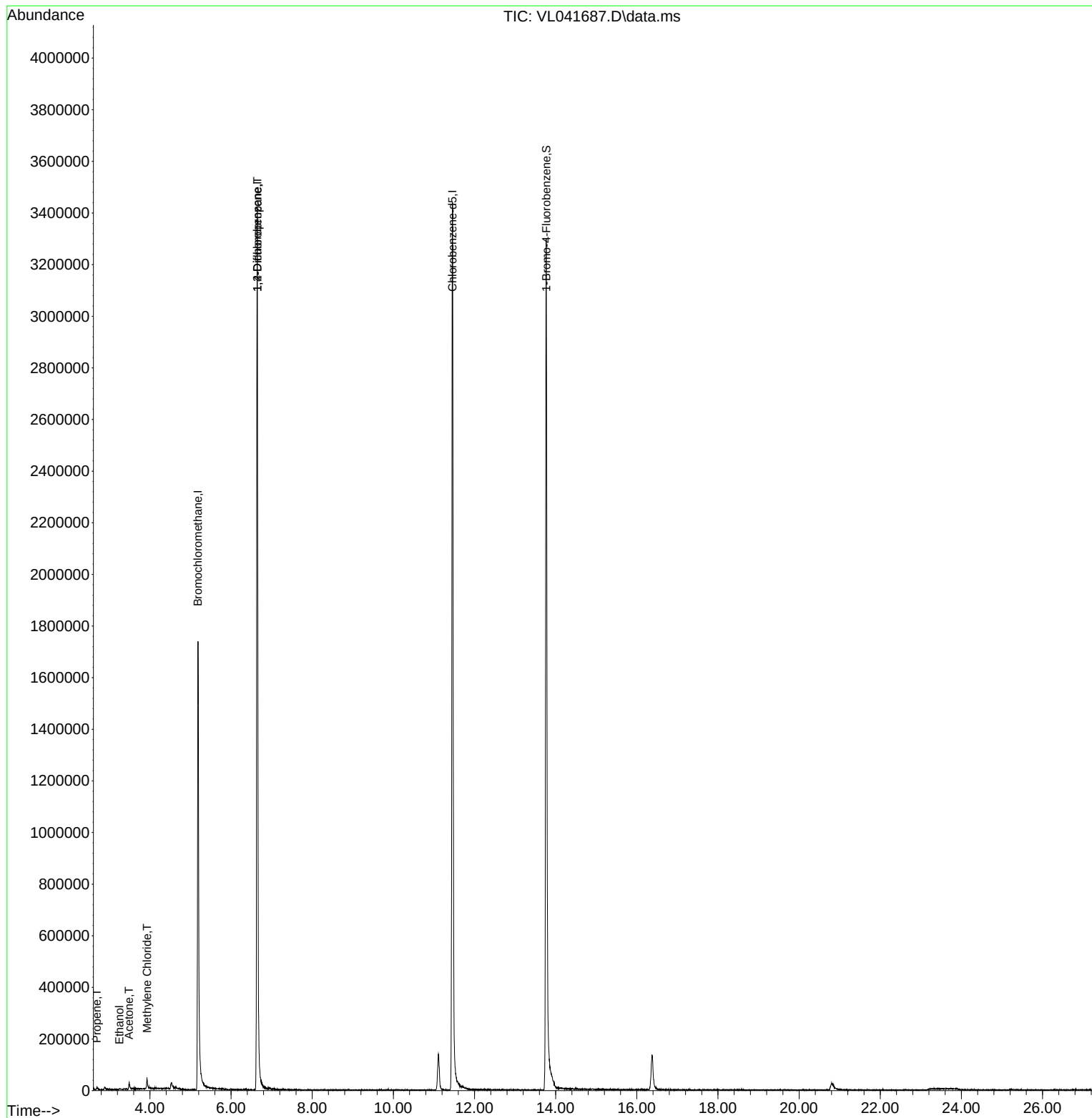
Internal Standards						
1) Bromochloromethane	5.182	49	950727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2562315	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2280755	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1620701	9.644	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	1923	0.036	ppbv #	15
13) Ethanol	3.247	45	417	0.126	ppbv #	40
15) Acetone	3.484	43	23358	0.200	ppbv #	82
20) Methylene Chloride	3.928	84	11853	0.275	ppbv	87
39) 1,2-Dichloropropane	6.645	63	634587	8.458	ppbv #	23

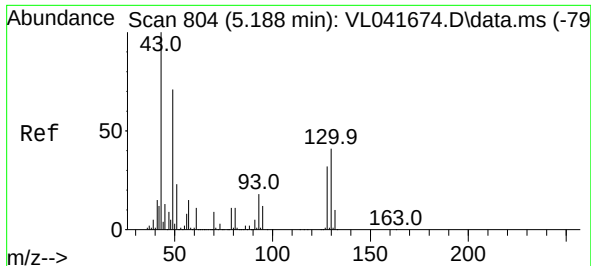
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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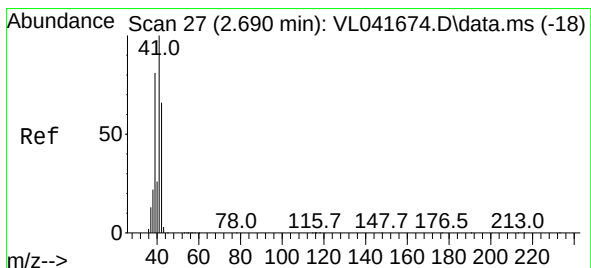
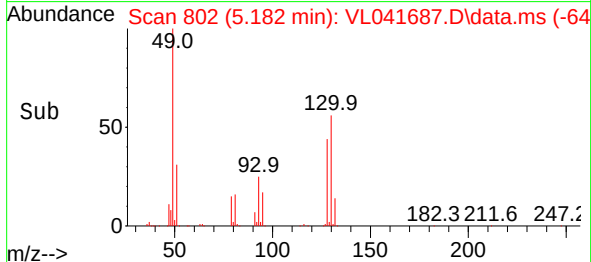
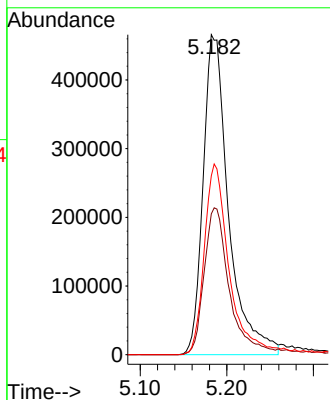
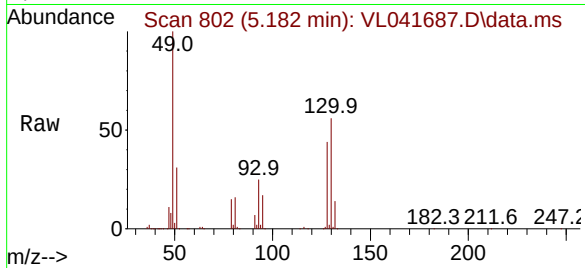




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VL041687.D
 Acq: 7 Nov 2024 21:03

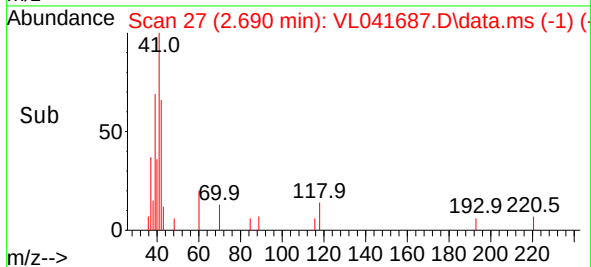
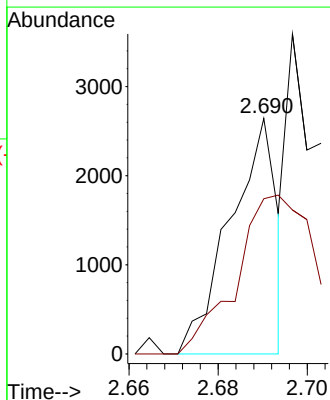
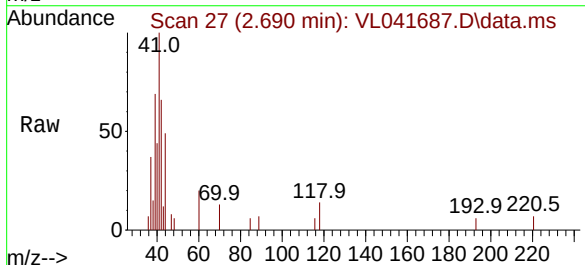
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

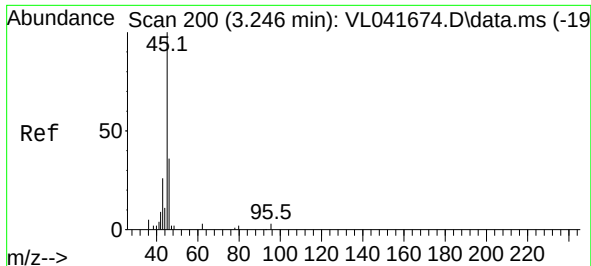
Tgt Ion: 49 Resp: 950727
 Ion Ratio Lower Upper
 49 100
 128 47.3 23.8 71.2
 130 59.6 30.1 90.5



#9
 Propene
 Concen: 0.036 ppbv
 RT: 2.690 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VL041687.D
 Acq: 7 Nov 2024 21:03

Tgt Ion: 41 Resp: 1923
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.0 82.4#

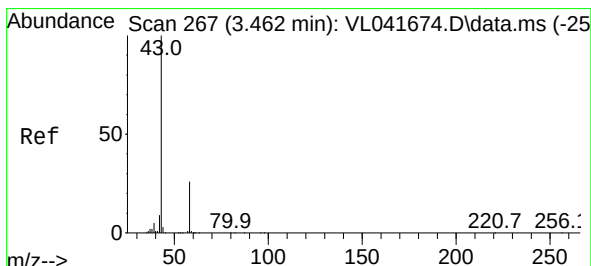
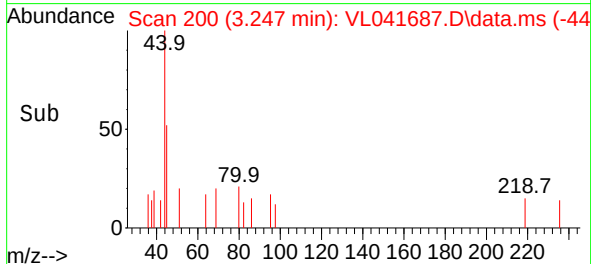
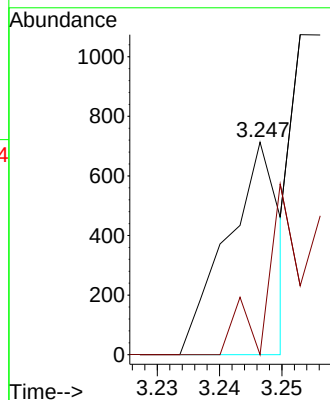
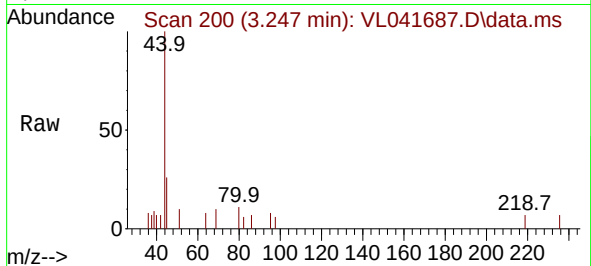




#13
Ethanol
Concen: 0.126 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041687.D
Acq: 7 Nov 2024 21:03

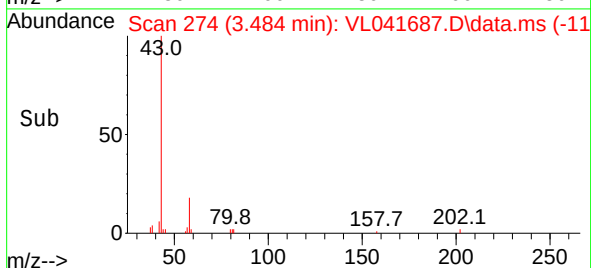
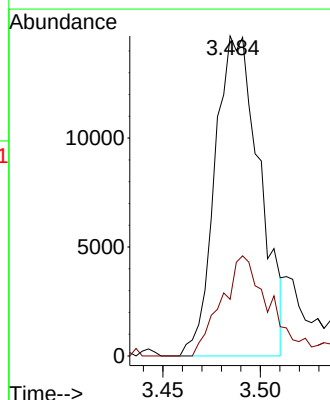
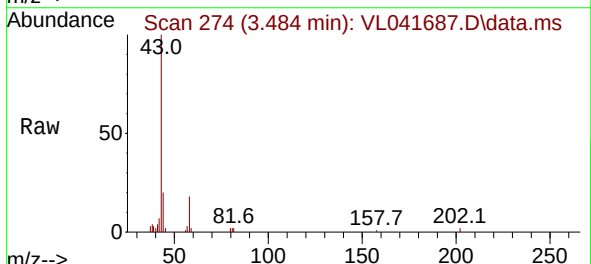
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

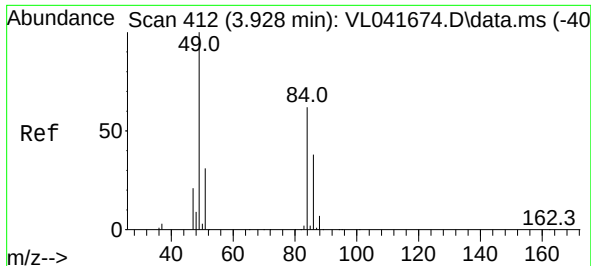
Tgt Ion: 45 Resp: 417
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#



#15
Acetone
Concen: 0.200 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.023 min
Lab File: VL041687.D
Acq: 7 Nov 2024 21:03

Tgt Ion: 43 Resp: 23358
Ion Ratio Lower Upper
43 100
58 36.2 21.4 32.0#





#20

Methylene Chloride

Concen: 0.275 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.000 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 11853

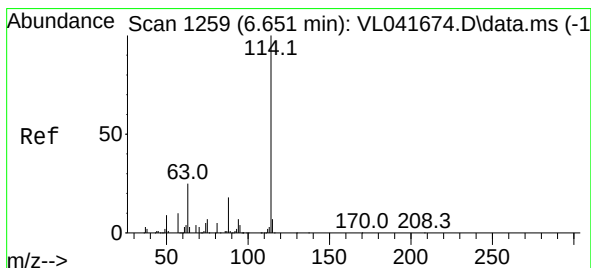
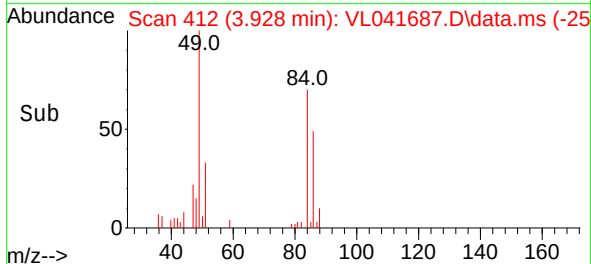
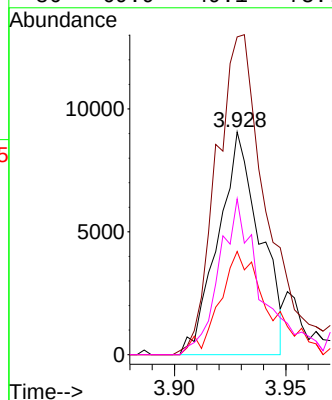
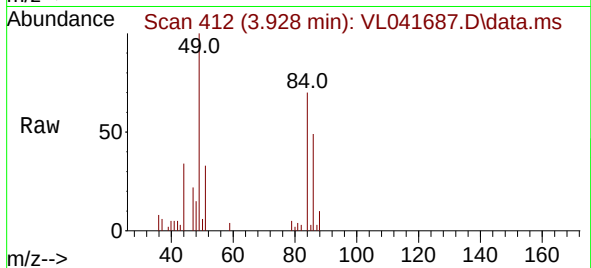
Ion Ratio Lower Upper

84 100

49 140.8 129.7 194.5

51 46.4 39.8 59.6

86 69.9 49.1 73.7



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

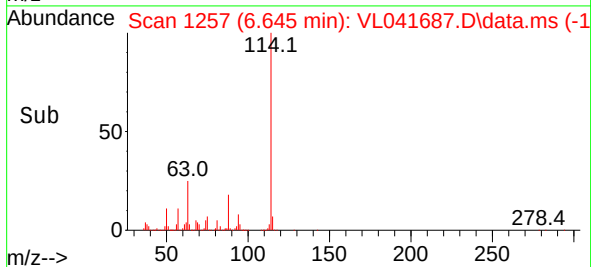
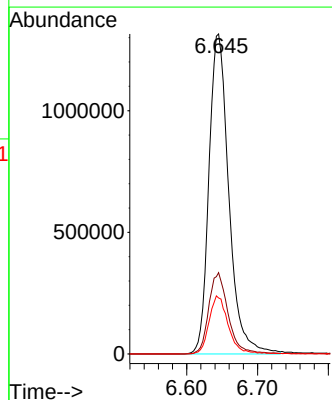
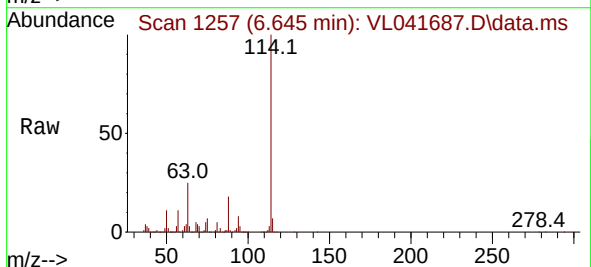
Tgt Ion:114 Resp: 2562315

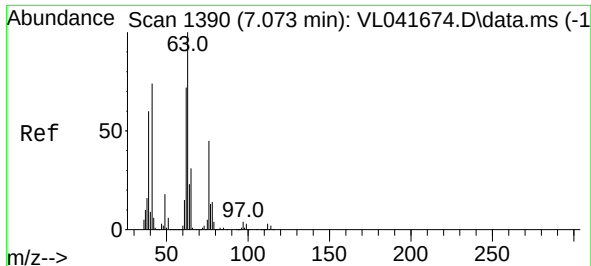
Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.7 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.458 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

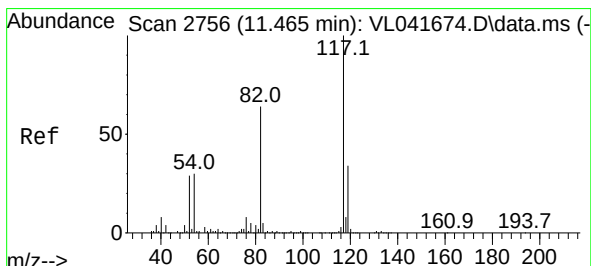
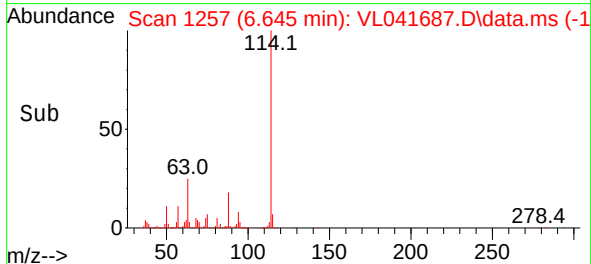
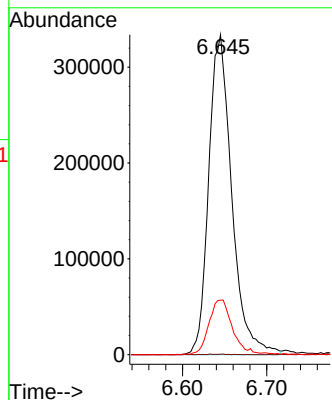
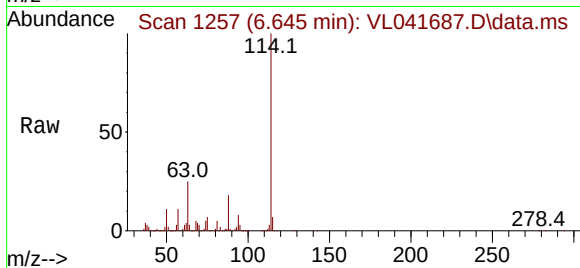
Tgt Ion: 63 Resp: 634587

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 17.1 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.010 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

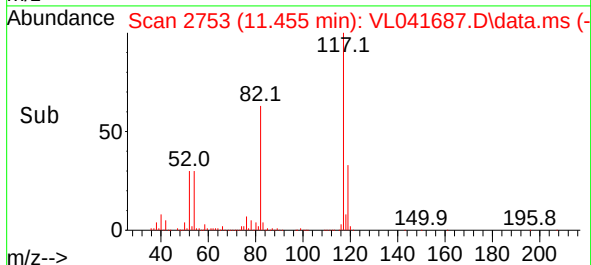
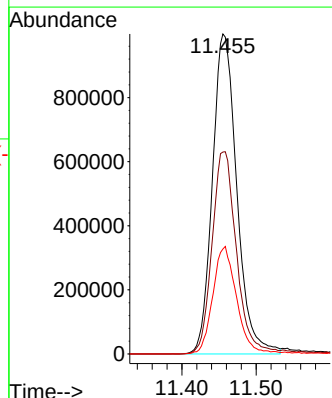
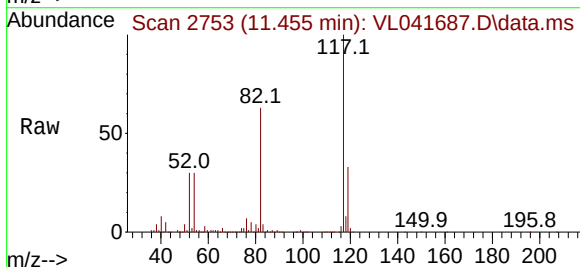
Tgt Ion: 117 Resp: 2280755

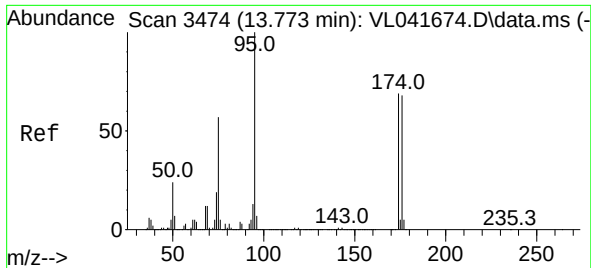
Ion Ratio Lower Upper

117 100

82 64.8 49.8 74.8

119 33.1 24.2 36.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.644 ppbv

RT: 13.767 min Scan# 34

Delta R.T. -0.006 min

Lab File: VL041687.D

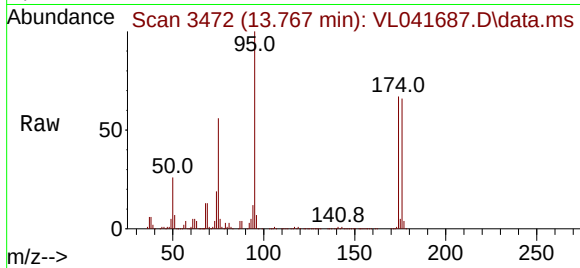
Acq: 7 Nov 2024 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK



Tgt Ion: 95 Resp: 1620701

Ion Ratio Lower Upper

95 100

174 71.0 55.6 83.4

175 5.0 4.2 6.2

