

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041682.D
 Acq On : 7 Nov 2024 17:44
 Operator : SY/MD
 Sample : VL1107ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 08 03:51:32 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)

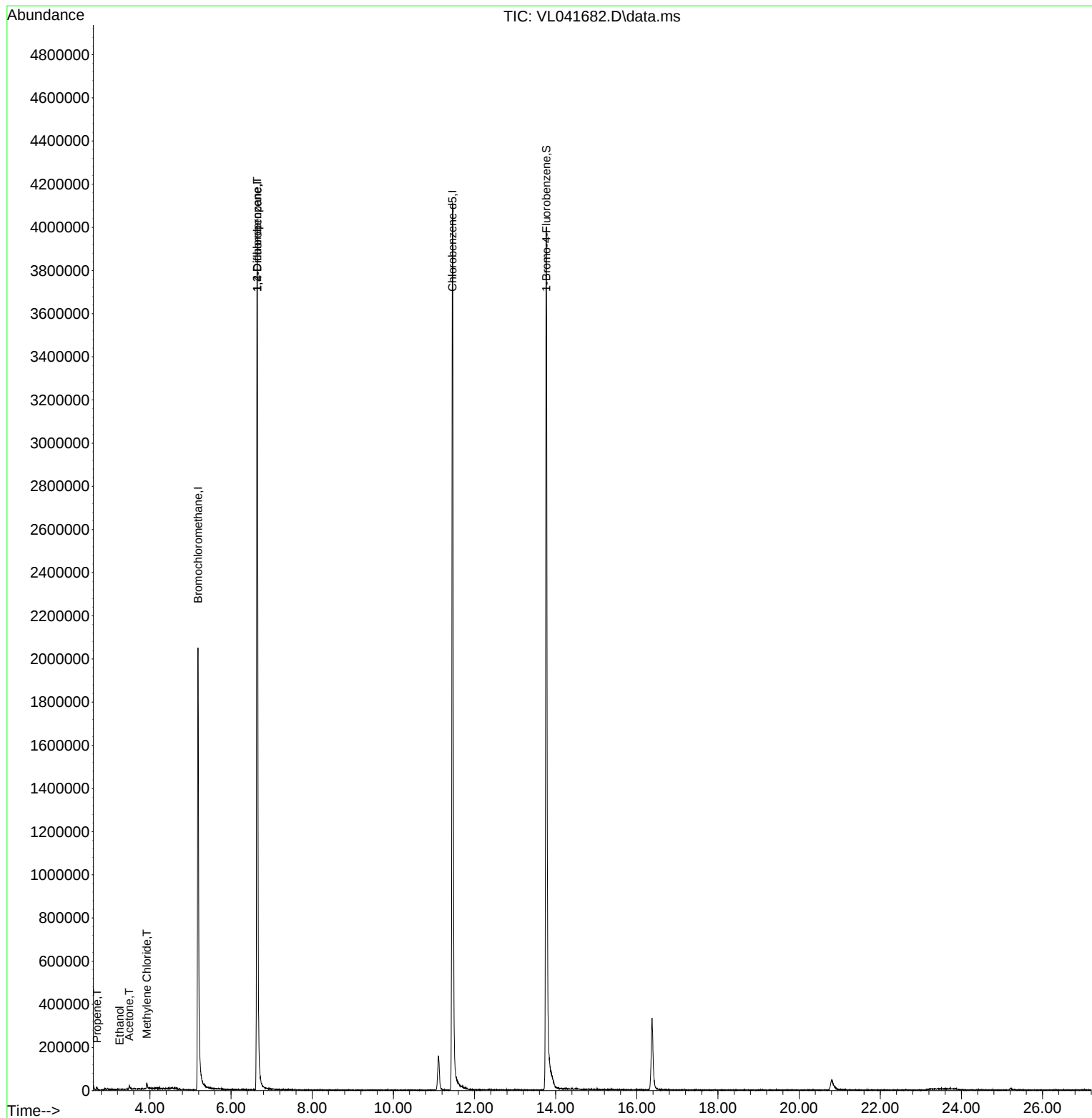
Internal Standards						
1) Bromochloromethane	5.185	49	1087943	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3078461	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2726714	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2030589	10.107	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	2.694	41	3682	0.060	ppbv	84
13) Ethanol	3.256	45	435	0.115	ppbv #	64
15) Acetone	3.491	43	15532	0.116	ppbv #	76
20) Methylene Chloride	3.925	84	5291	0.107	ppbv	94
39) 1,2-Dichloropropane	6.642	63	762692	8.461	ppbv #	23

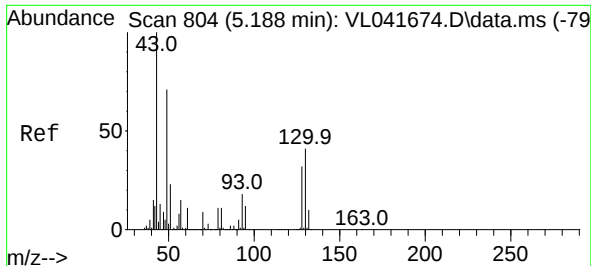
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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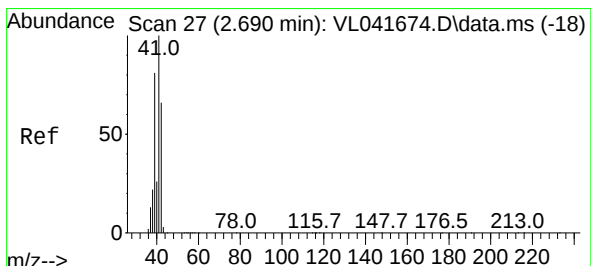
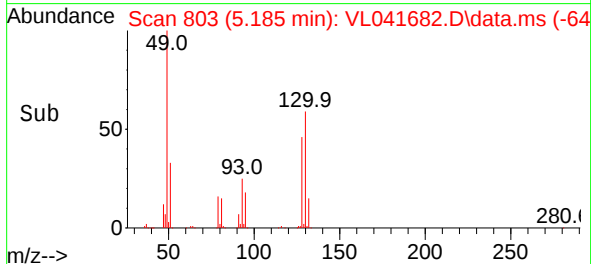
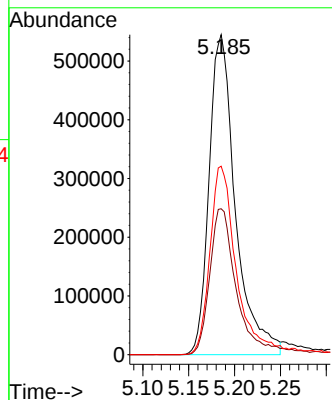
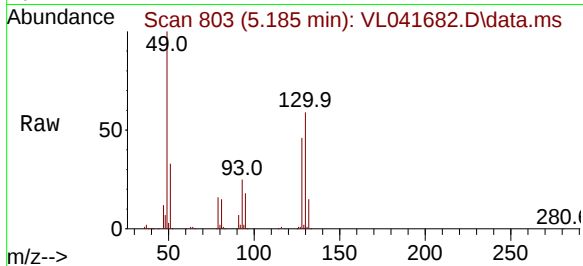




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041682.D
Acq: 7 Nov 2024 17:44

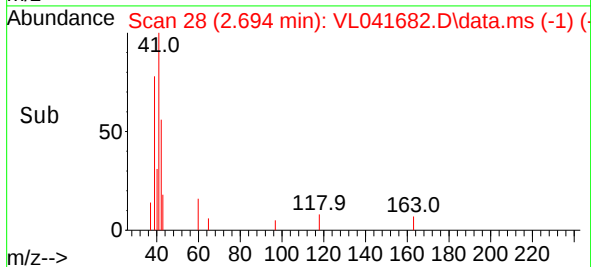
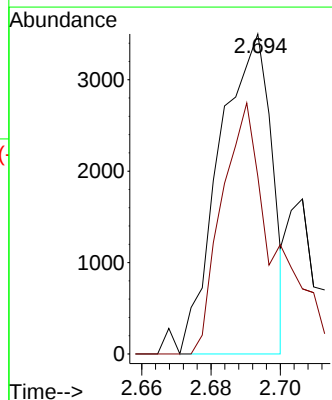
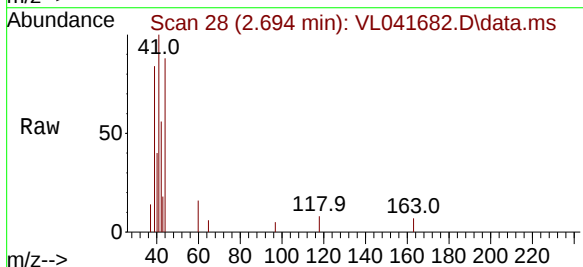
Instrument :
MSVOA_L
ClientSampleId :

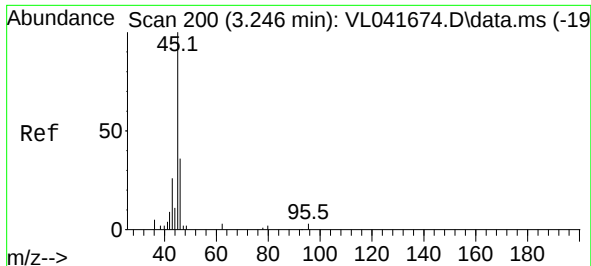
Tgt Ion: 49 Resp: 1087943
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.2
130 62.1 30.1 90.5



#9
Propene
Concen: 0.060 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.003 min
Lab File: VL041682.D
Acq: 7 Nov 2024 17:44

Tgt Ion: 41 Resp: 3682
Ion Ratio Lower Upper
41 100
42 81.5 55.0 82.4





#13

Ethanol

Concen: 0.115 ppbv

RT: 3.256 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL041682.D

Acq: 7 Nov 2024 17:44

Instrument :

MSVOA_L

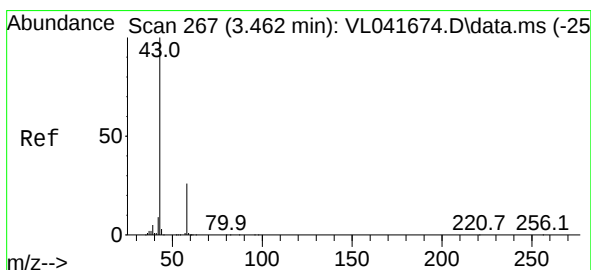
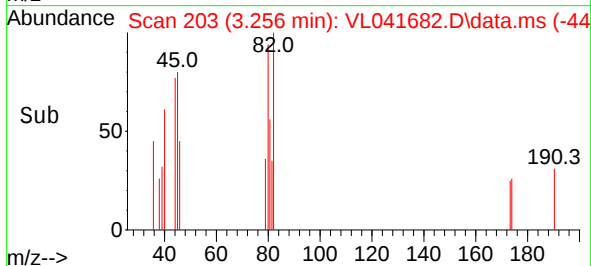
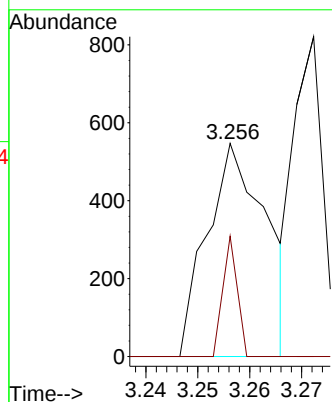
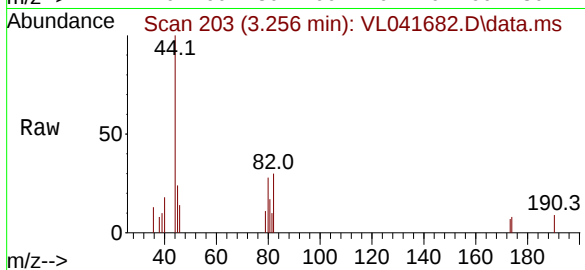
ClientSampleId :

Tgt Ion: 45 Resp: 435

Ion Ratio Lower Upper

45 100

46 13.8 13.8 55.2#



#15

Acetone

Concen: 0.116 ppbv

RT: 3.491 min Scan# 276

Delta R.T. 0.029 min

Lab File: VL041682.D

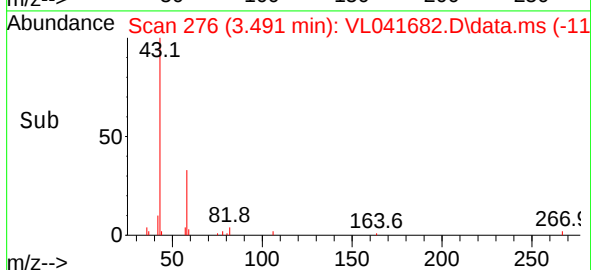
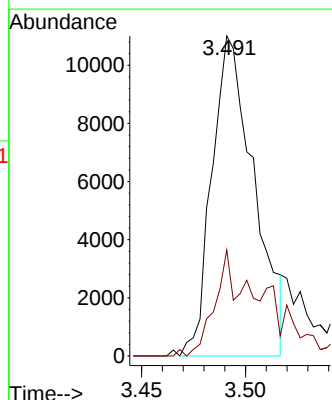
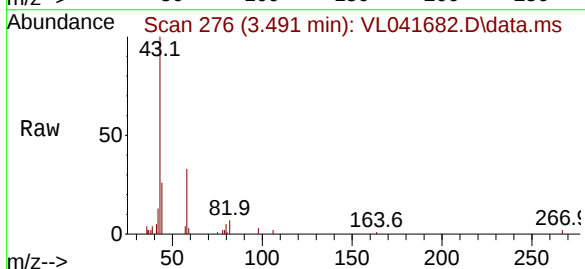
Acq: 7 Nov 2024 17:44

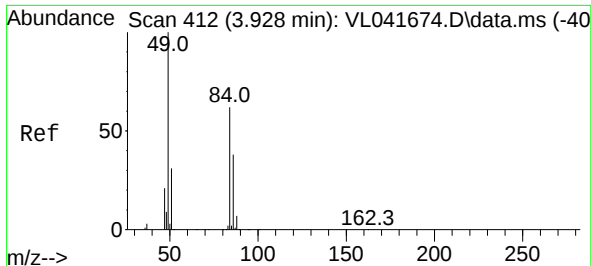
Tgt Ion: 43 Resp: 15532

Ion Ratio Lower Upper

43 100

58 39.2 21.4 32.0#





#20

Methylene Chloride

Concen: 0.107 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

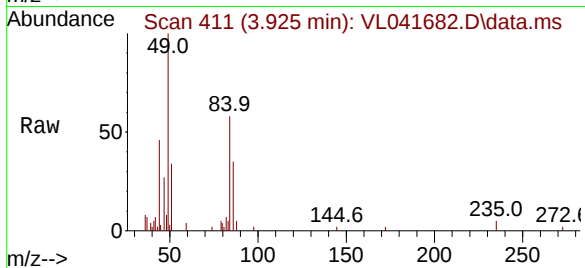
Lab File: VL041682.D

Acq: 7 Nov 2024 17:44

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 5291

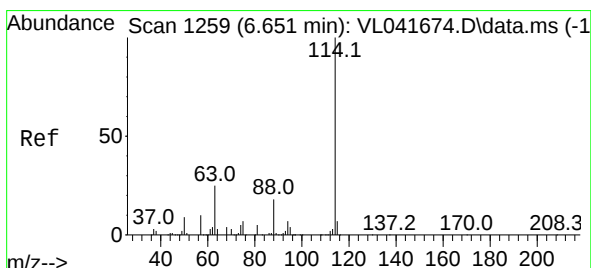
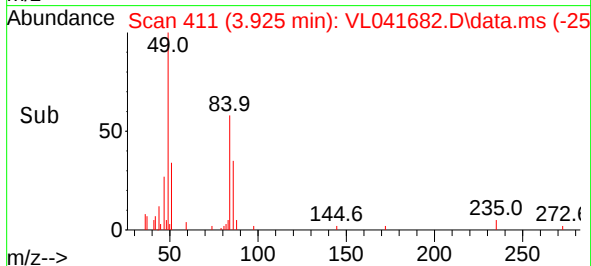
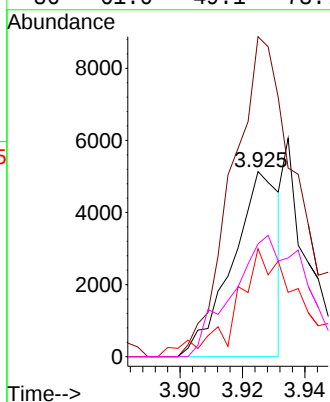
Ion Ratio Lower Upper

84 100

49 172.8 129.7 194.5

51 53.8 39.8 59.6

86 61.0 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: VL041682.D

Acq: 7 Nov 2024 17:44

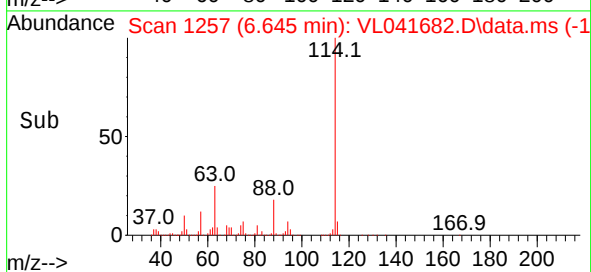
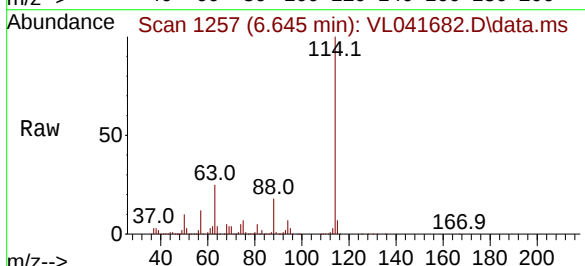
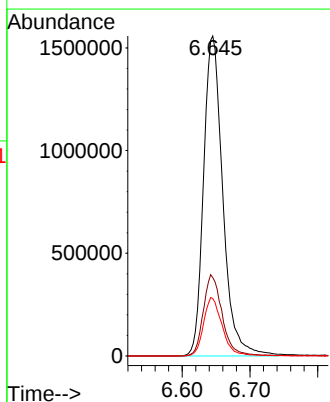
Tgt Ion: 114 Resp: 3078461

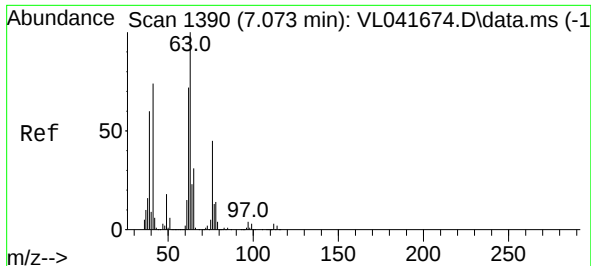
Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.9 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.461 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.431 min

Lab File: VL041682.D

Acq: 7 Nov 2024 17:44

Instrument :

MSVOA_L

ClientSampleId :

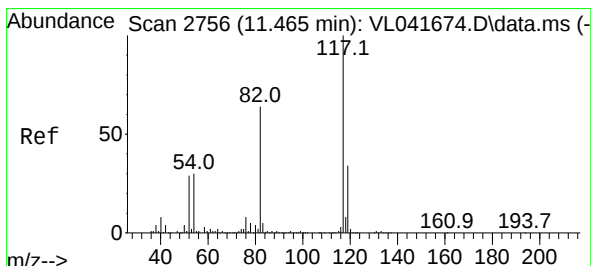
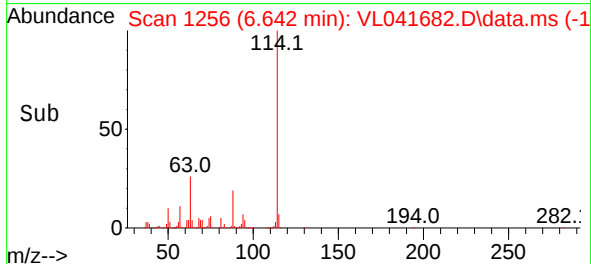
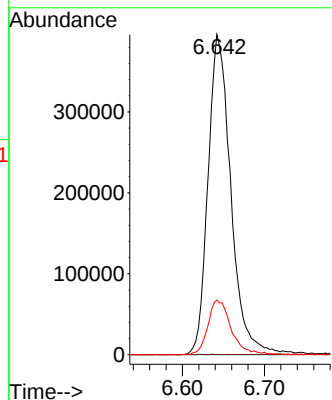
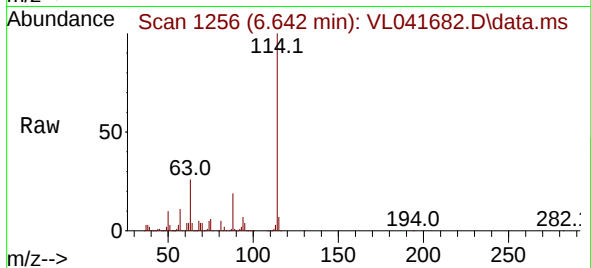
Tgt Ion: 63 Resp: 762692

Ion Ratio Lower Upper

63 100

41 0.0 59.1 88.7#

62 17.0 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.006 min

Lab File: VL041682.D

Acq: 7 Nov 2024 17:44

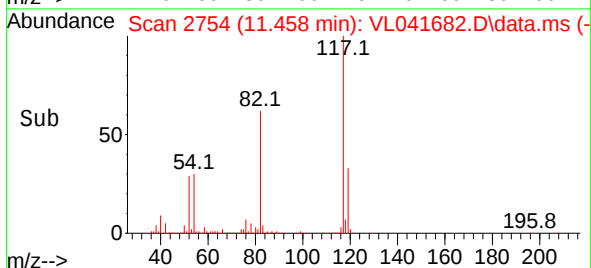
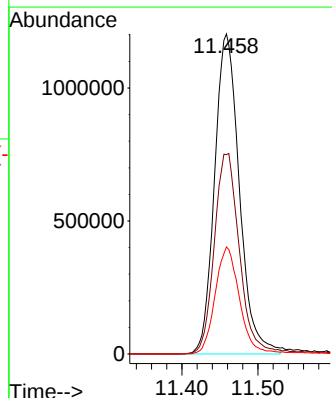
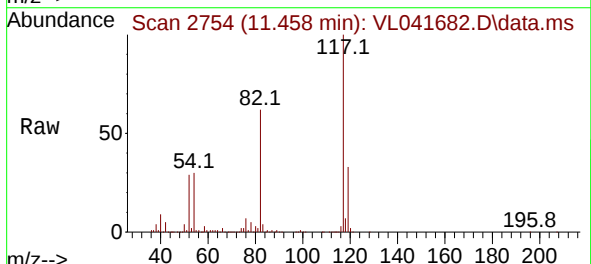
Tgt Ion: 117 Resp: 2726714

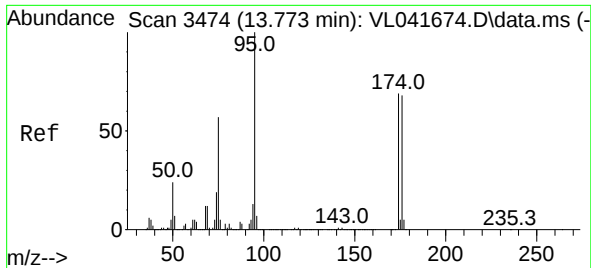
Ion Ratio Lower Upper

117 100

82 64.7 49.8 74.8

119 33.2 24.2 36.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.107 ppbv

RT: 13.770 min Scan# 34

Delta R.T. -0.003 min

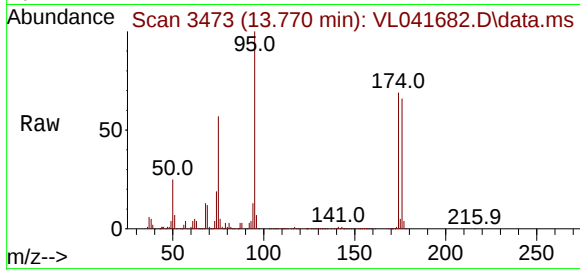
Lab File: VL041682.D

Acq: 7 Nov 2024 17:44

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 2030589

Ion Ratio Lower Upper

95 100

174 70.4 55.6 83.4

175 5.0 4.2 6.2

