

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041692.D
 Acq On : 8 Nov 2024 00:21
 Operator : SY/MD
 Sample : CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10268

Quant Time: Nov 08 03:55:20 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)

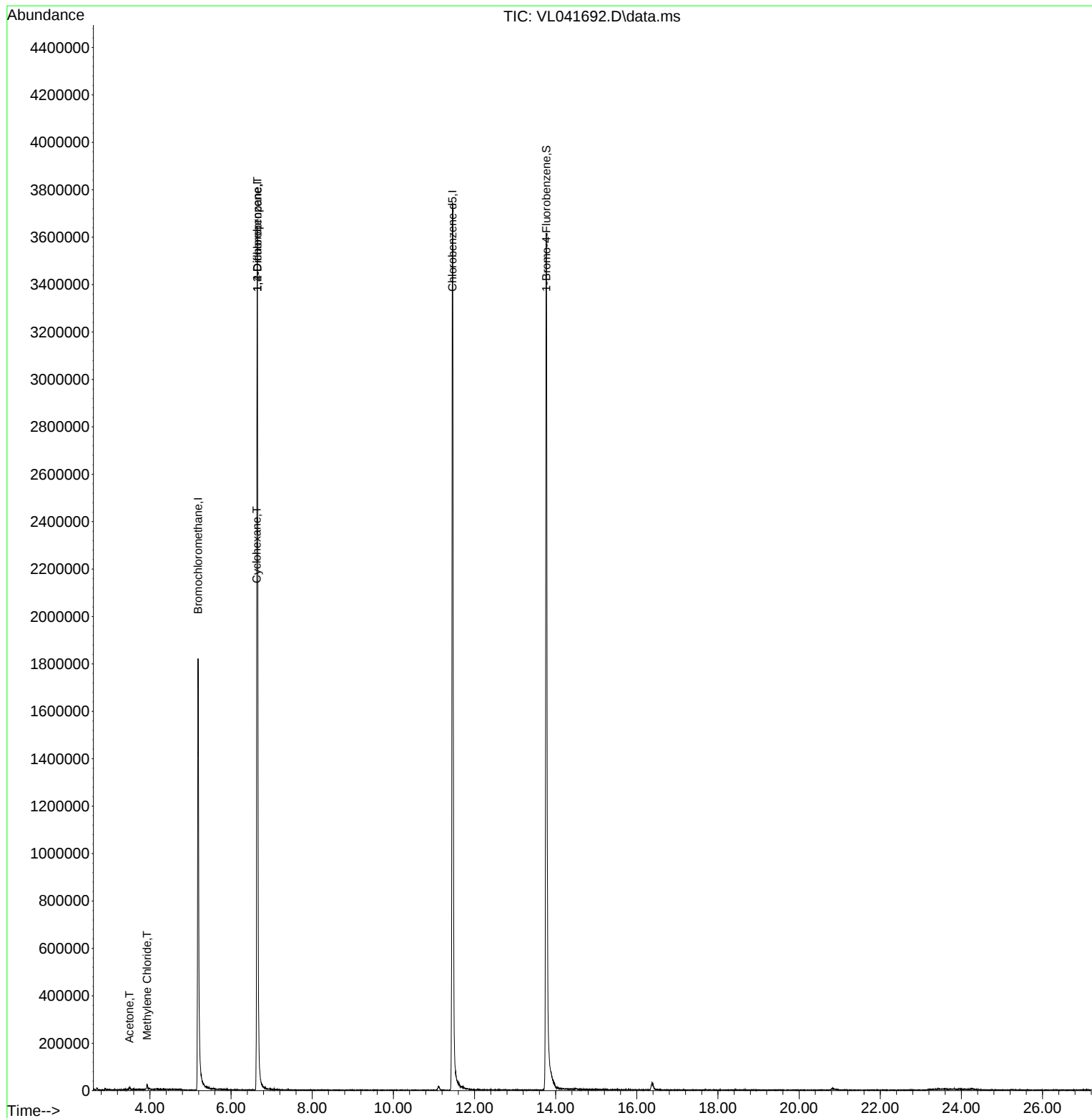
Internal Standards						
1) Bromochloromethane	5.185	49	978856	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2730008	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2424757	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1801532	10.084	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
					Qvalue	
15) Acetone	3.494	43	4989	0.041	ppbv #	15
20) Methylene Chloride	3.931	84	3627	0.082	ppbv	90
30) Cyclohexane	6.632	84	3664	0.045	ppbv #	1
39) 1,2-Dichloropropane	6.645	63	680264	8.510	ppbv #	24

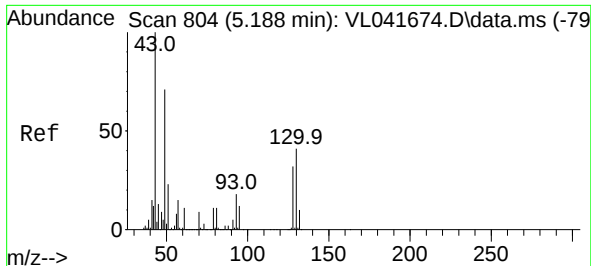
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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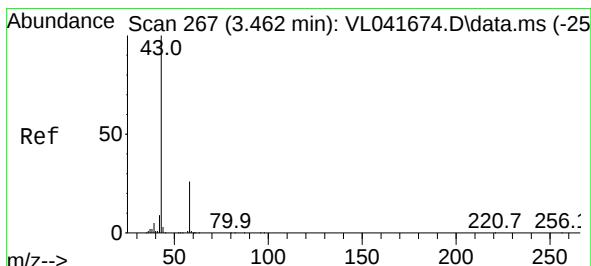
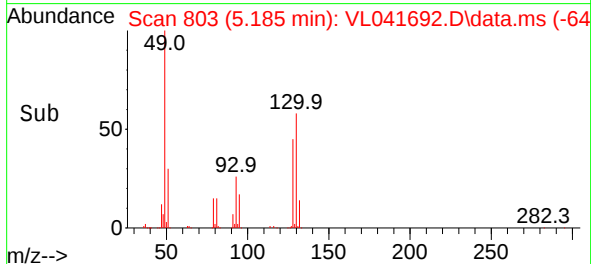
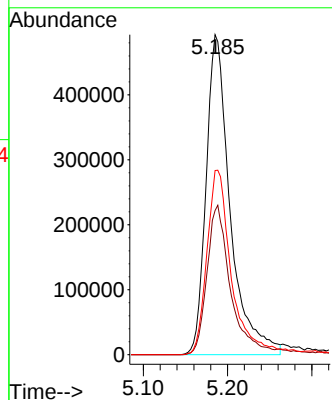
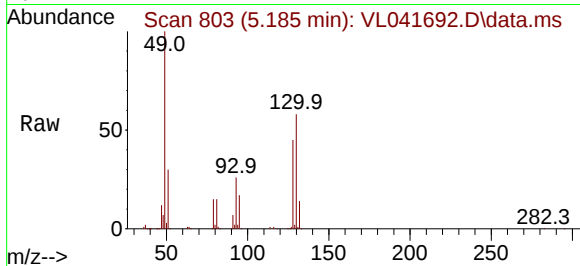




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041692.D
Acq: 8 Nov 2024 00:21

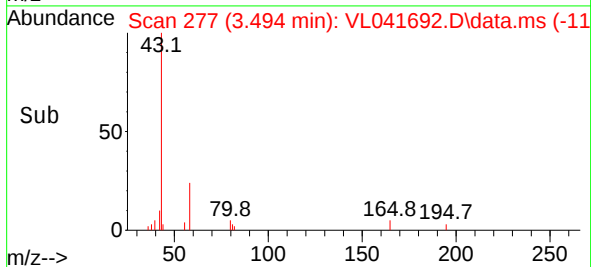
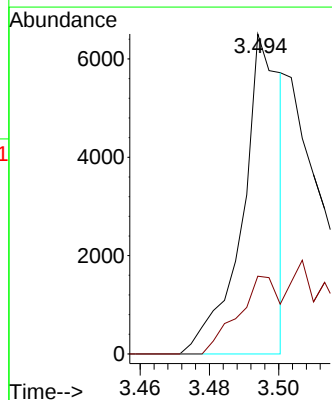
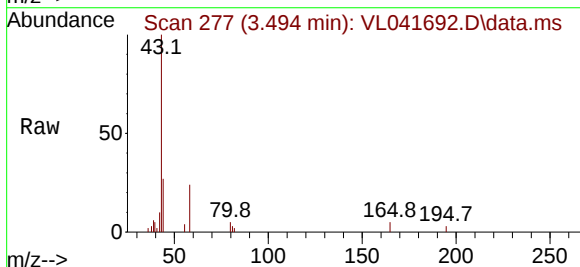
Instrument :
MSVOA_L
ClientSampleId :
CAN 10268

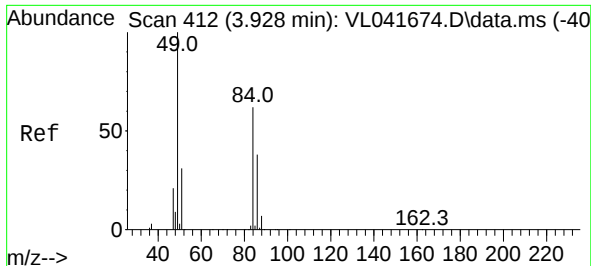
Tgt Ion: 49 Resp: 978856
Ion Ratio Lower Upper
49 100
128 48.6 23.8 71.2
130 60.5 30.1 90.5



#15
Acetone
Concen: 0.041 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.032 min
Lab File: VL041692.D
Acq: 8 Nov 2024 00:21

Tgt Ion: 43 Resp: 4989
Ion Ratio Lower Upper
43 100
58 70.7 21.4 32.0#





#20

Methylene Chloride

Concen: 0.082 ppbv

RT: 3.931 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

Instrument :

MSVOA_L

ClientSampleId :

CAN 10268

Tgt Ion: 84 Resp: 3627

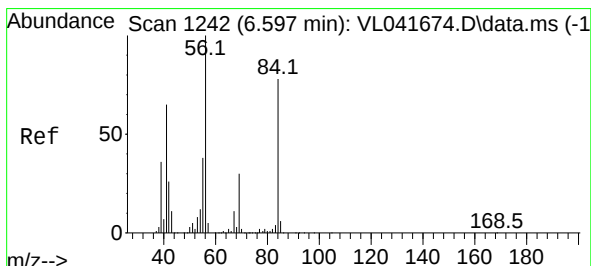
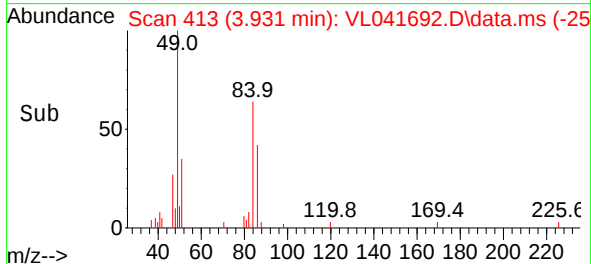
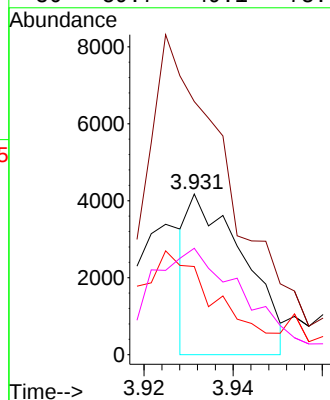
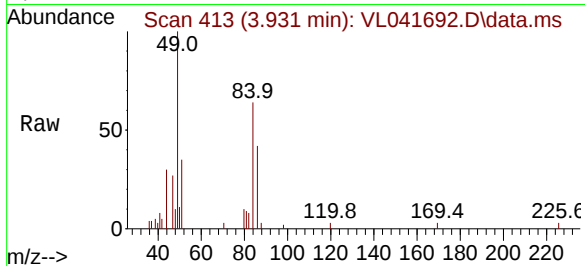
Ion Ratio Lower Upper

84 100

49 140.9 129.7 194.5

51 51.7 39.8 59.6

86 59.7 49.1 73.7



#30

Cyclohexane

Concen: 0.045 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.035 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

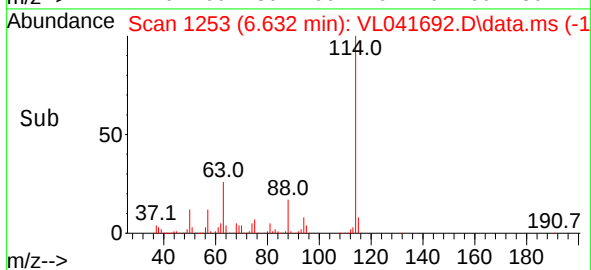
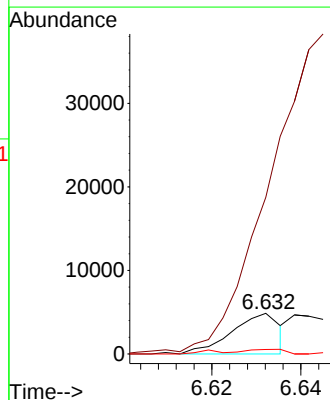
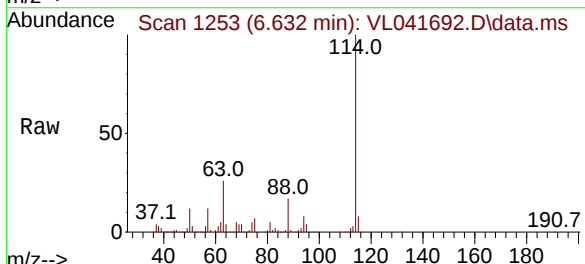
Tgt Ion: 84 Resp: 3664

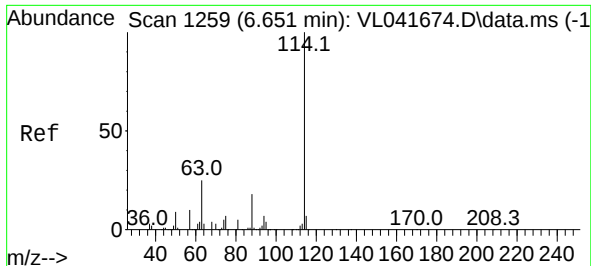
Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 0.0 70.0 105.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

Instrument :

MSVOA_L

ClientSampleId :

CAN 10268

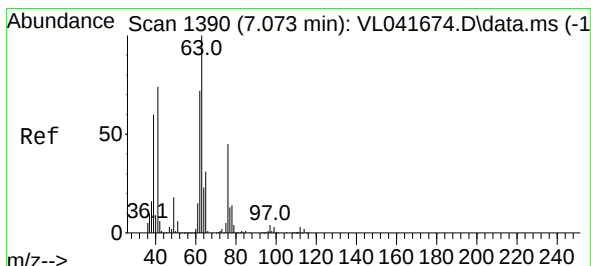
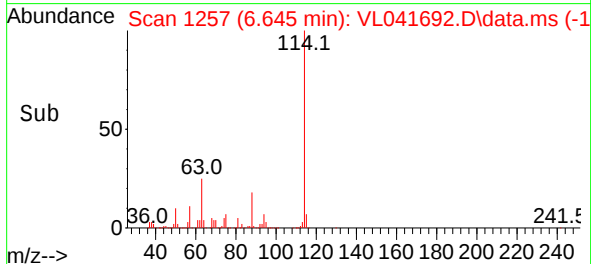
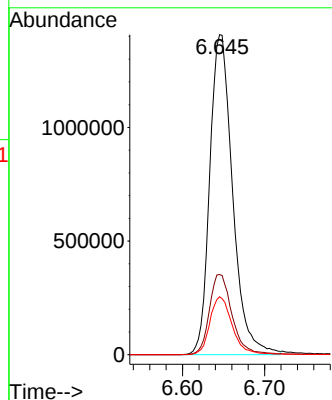
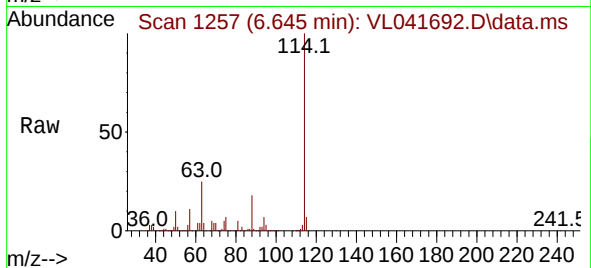
Tgt Ion:114 Resp: 2730008

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.9 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.510 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.428 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

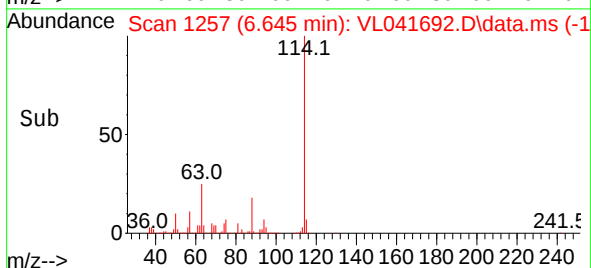
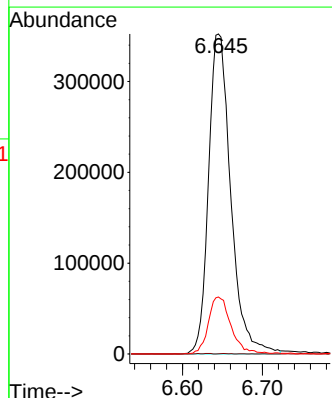
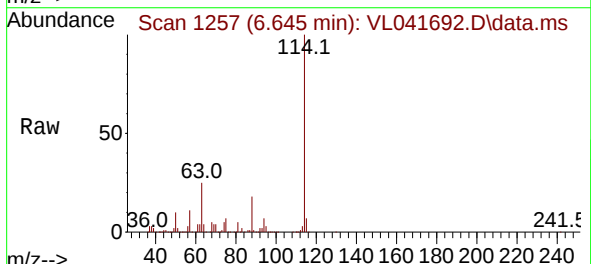
Tgt Ion: 63 Resp: 680264

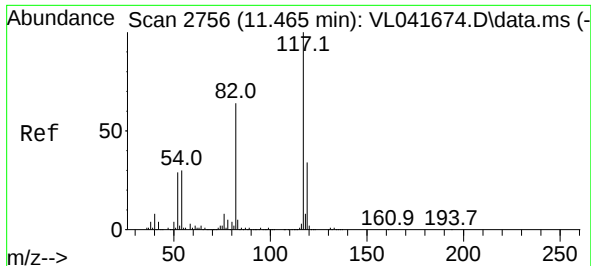
Ion Ratio Lower Upper

63 100

41 0.0 59.1 88.7#

62 17.8 57.7 86.5#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

Instrument :

MSVOA_1

ClientSampleId :

CAN 10268

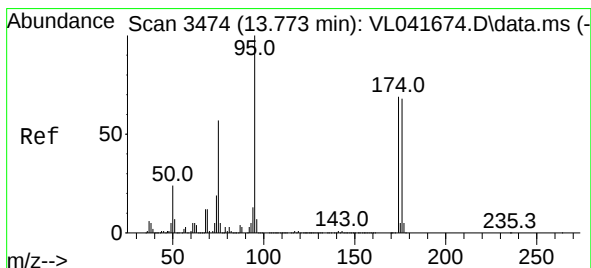
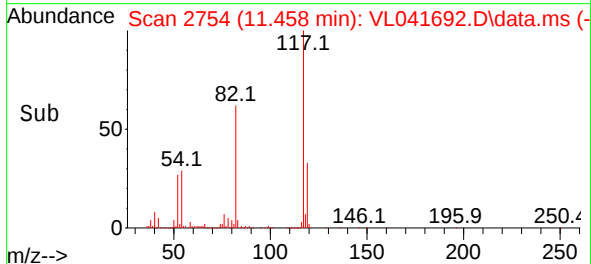
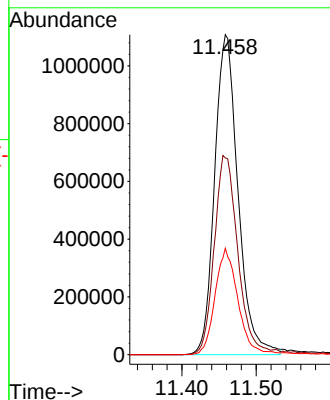
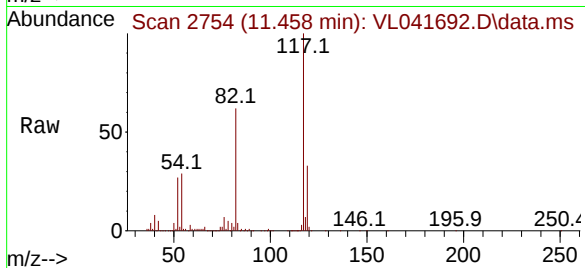
Tgt Ion:117 Resp: 2424757

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: 10.084 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.003 min

Lab File: VL041692.D

Acq: 8 Nov 2024 00:21

Tgt Ion: 95 Resp: 1801532

Ion Ratio Lower Upper

95 100

174 70.7 55.6 83.4

175 5.2 4.2 6.2

