

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041329.D
 Acq On : 5 Jun 2024 16:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 06 04:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

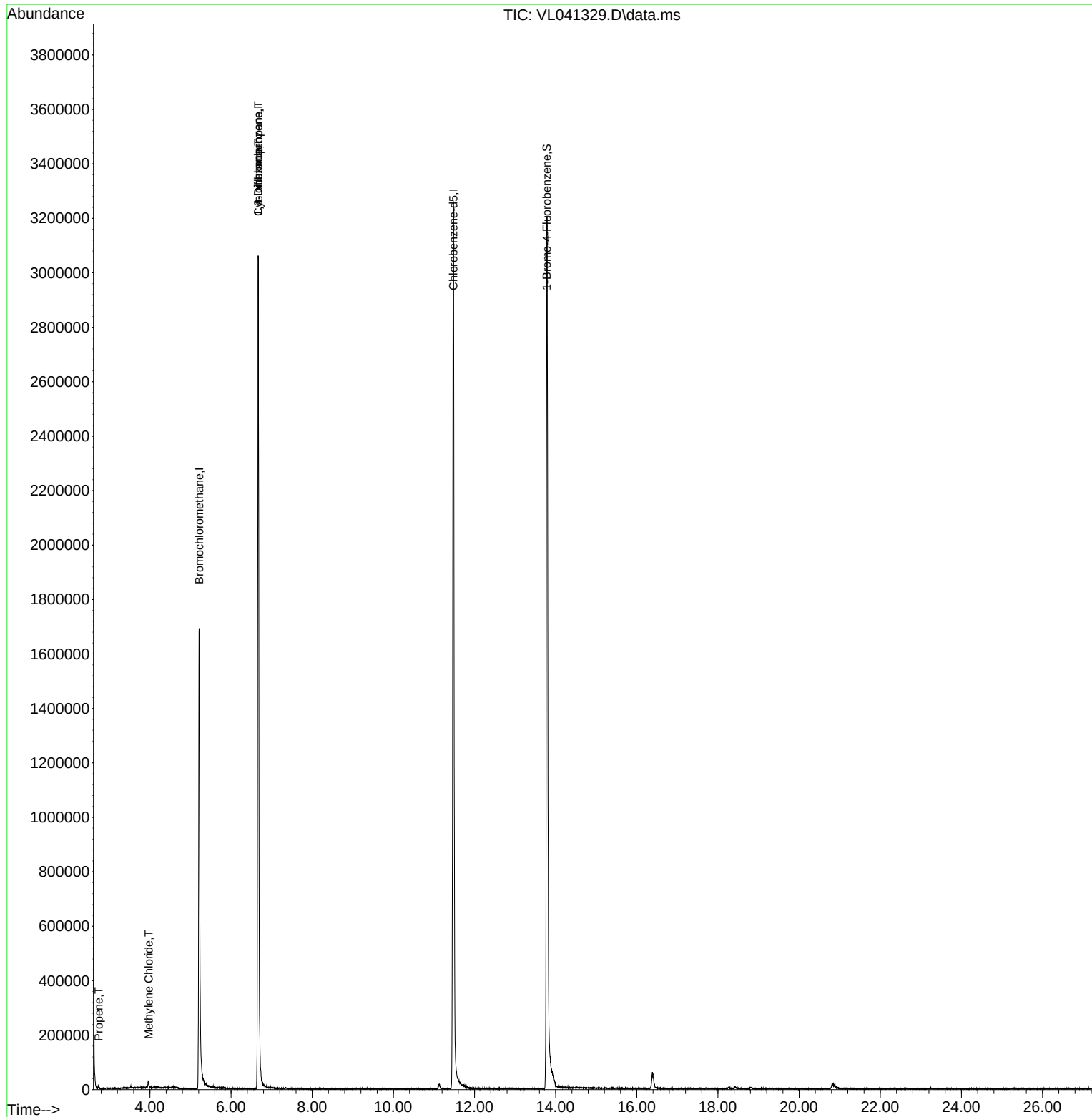
Internal Standards						
1) Bromochloromethane	5.214	49	905594	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2332031	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2140076	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1634804	9.894	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	3051	0.060	ppbv	96
20) Methylene Chloride	3.967	84	5235	0.139	ppbv #	59
30) Cyclohexane	6.671	84	4225	0.057	ppbv #	1
39) 1,2-Dichloropropane	6.671	63	585826	8.139	ppbv #	25

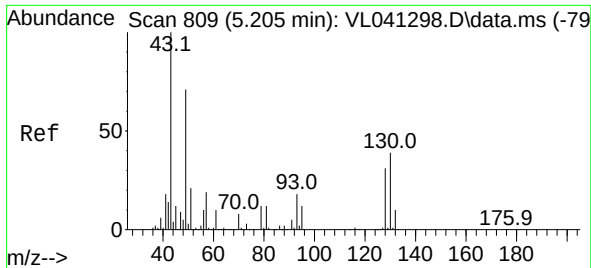
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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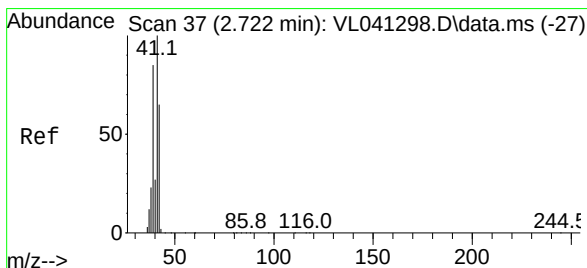
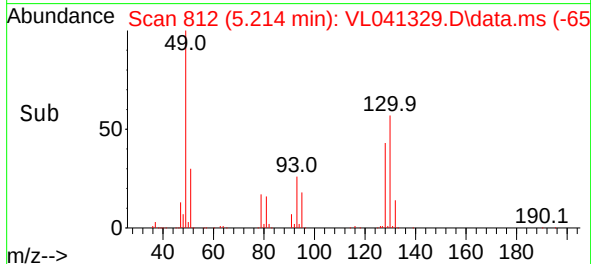
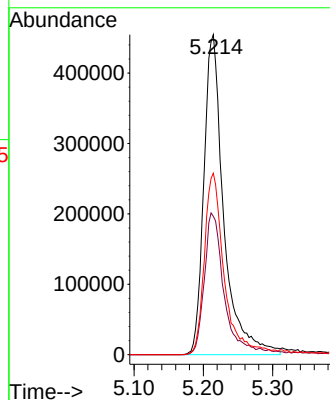
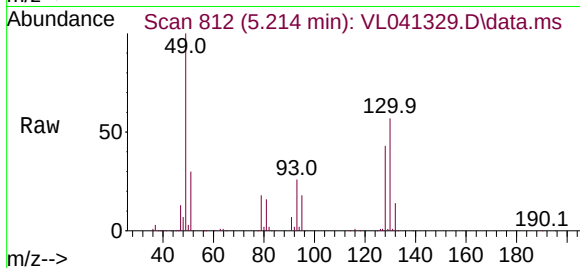




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL041329.D
Acq: 5 Jun 2024 16:11

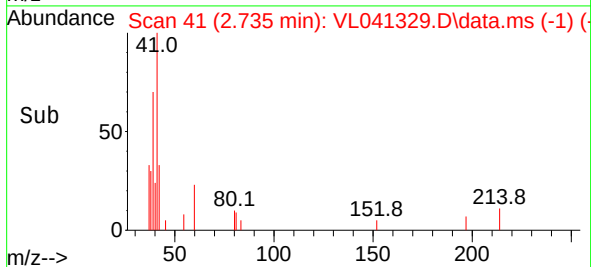
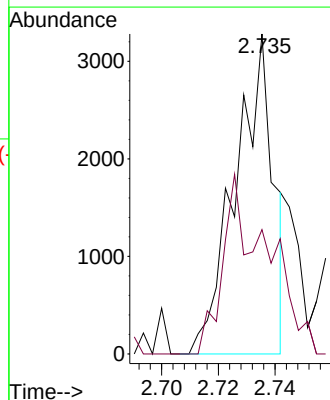
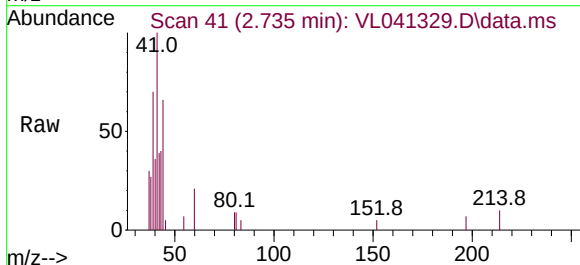
Instrument :
MSVOA_L
ClientSampleId :

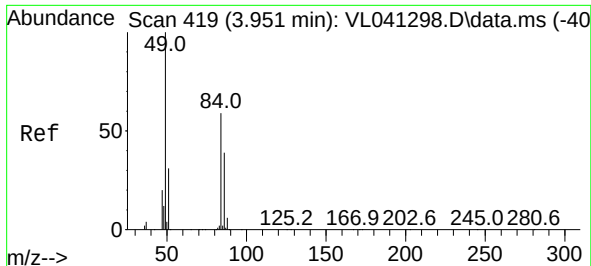
Tgt Ion: 49 Resp: 905594
Ion Ratio Lower Upper
49 100
128 46.2 22.8 68.3
130 58.2 28.4 85.3



#9
Propene
Concen: 0.060 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL041329.D
Acq: 5 Jun 2024 16:11

Tgt Ion: 41 Resp: 3051
Ion Ratio Lower Upper
41 100
42 65.8 55.2 82.8





#20

Methylene Chloride

Concen: 0.139 ppbv

RT: 3.967 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 5235

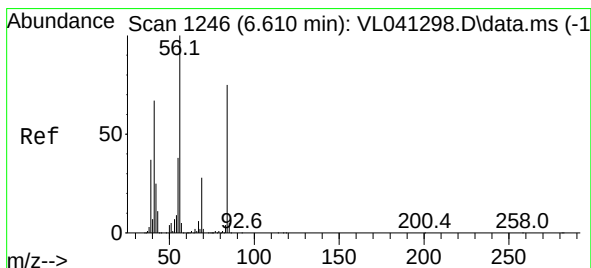
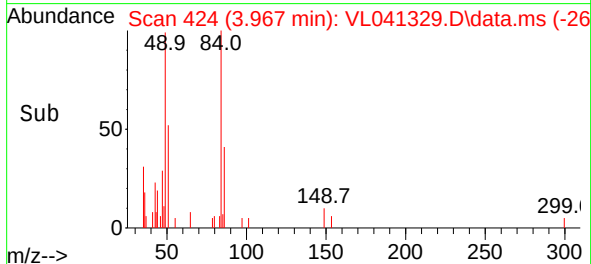
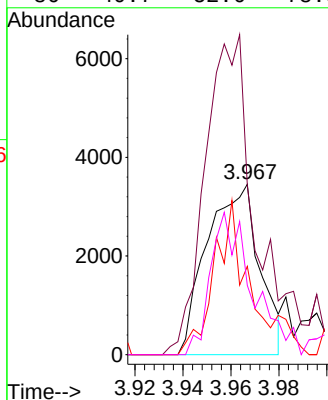
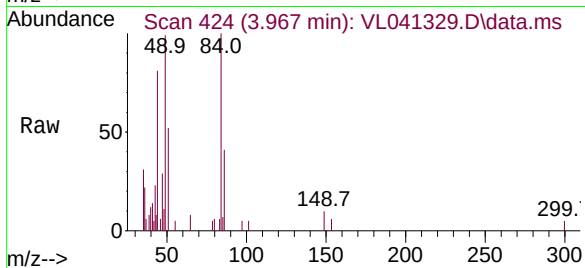
Ion Ratio Lower Upper

84 100

49 91.8 136.2 204.2#

51 51.8 41.9 62.9

86 40.7 52.6 78.8#



#30

Cyclohexane

Concen: 0.057 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.061 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

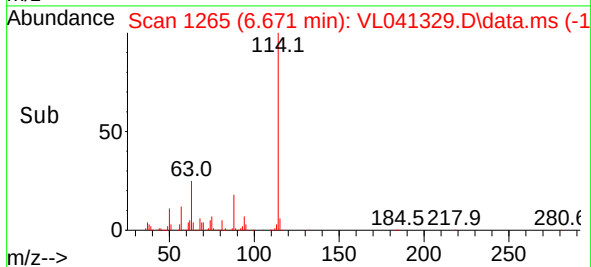
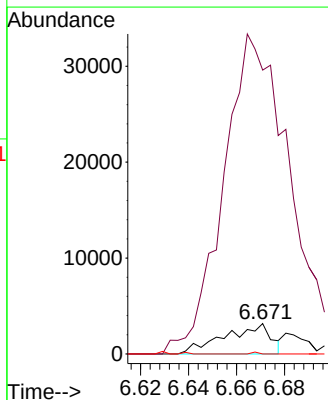
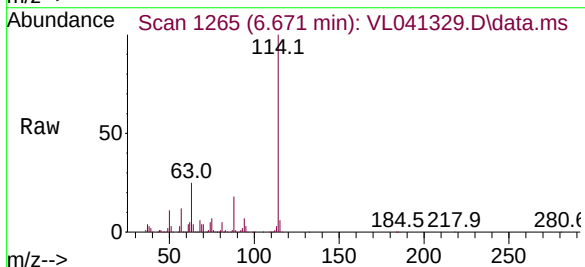
Tgt Ion: 84 Resp: 4225

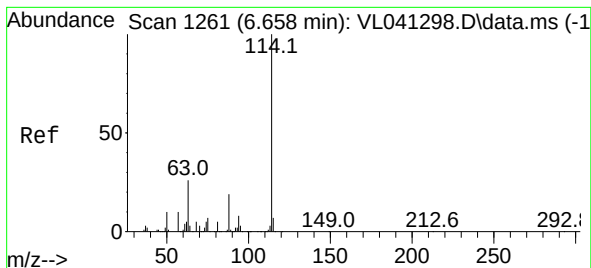
Ion Ratio Lower Upper

84 100

56 1599.6 114.9 172.3#

41 0.0 74.4 111.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.013 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

Instrument :

MSVOA_L

ClientSampleId :

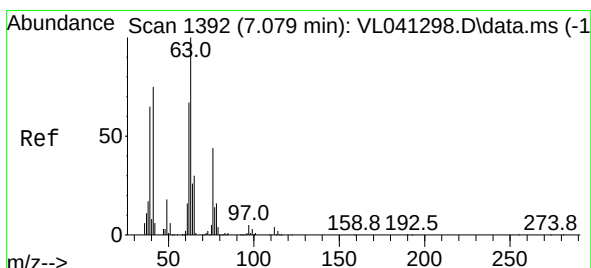
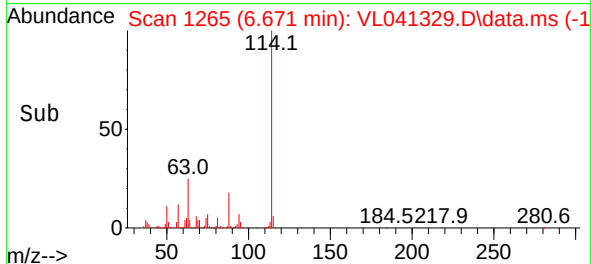
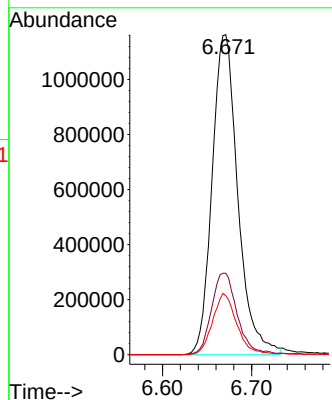
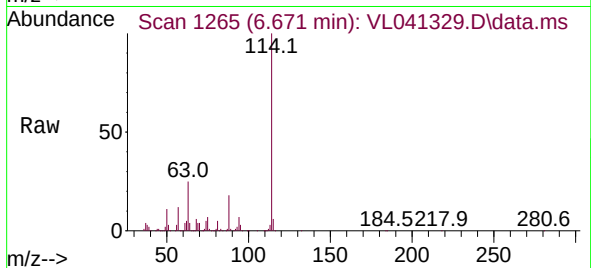
Tgt Ion:114 Resp: 2332031

Ion Ratio Lower Upper

114 100

63 26.0 20.6 30.8

88 18.2 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.139 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.408 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

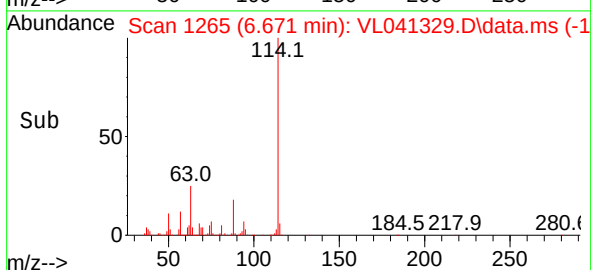
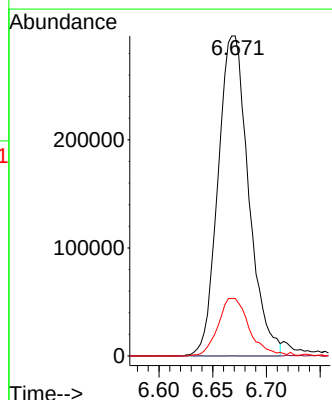
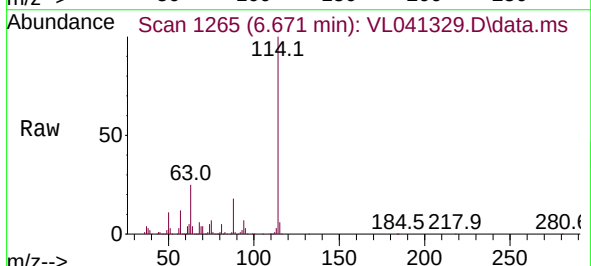
Tgt Ion: 63 Resp: 585826

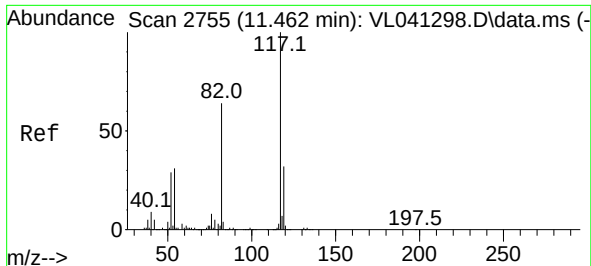
Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 18.0 53.8 80.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

Instrument :

MSVOA_L

ClientSampleId :

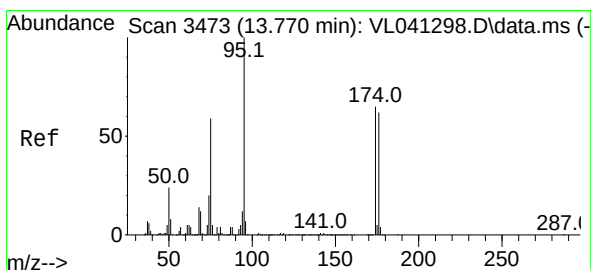
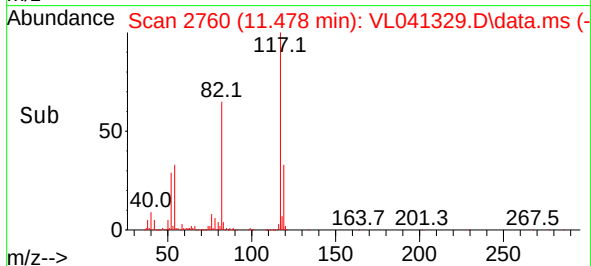
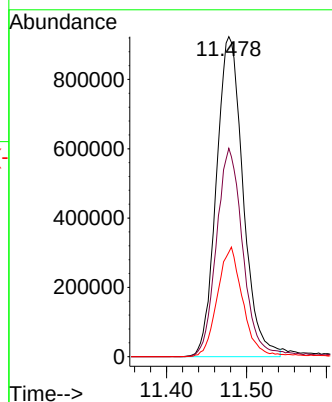
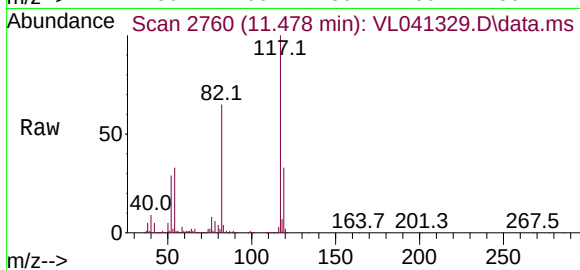
Tgt Ion:117 Resp: 2140076

Ion Ratio Lower Upper

117 100

82 65.5 52.3 78.5

119 33.4 26.2 39.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.894 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.016 min

Lab File: VL041329.D

Acq: 5 Jun 2024 16:11

Tgt Ion: 95 Resp: 1634804

Ion Ratio Lower Upper

95 100

174 67.4 52.2 78.2

175 4.6 4.1 6.1

