

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041576.D
 Acq On : 21 Aug 2024 21:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 15:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

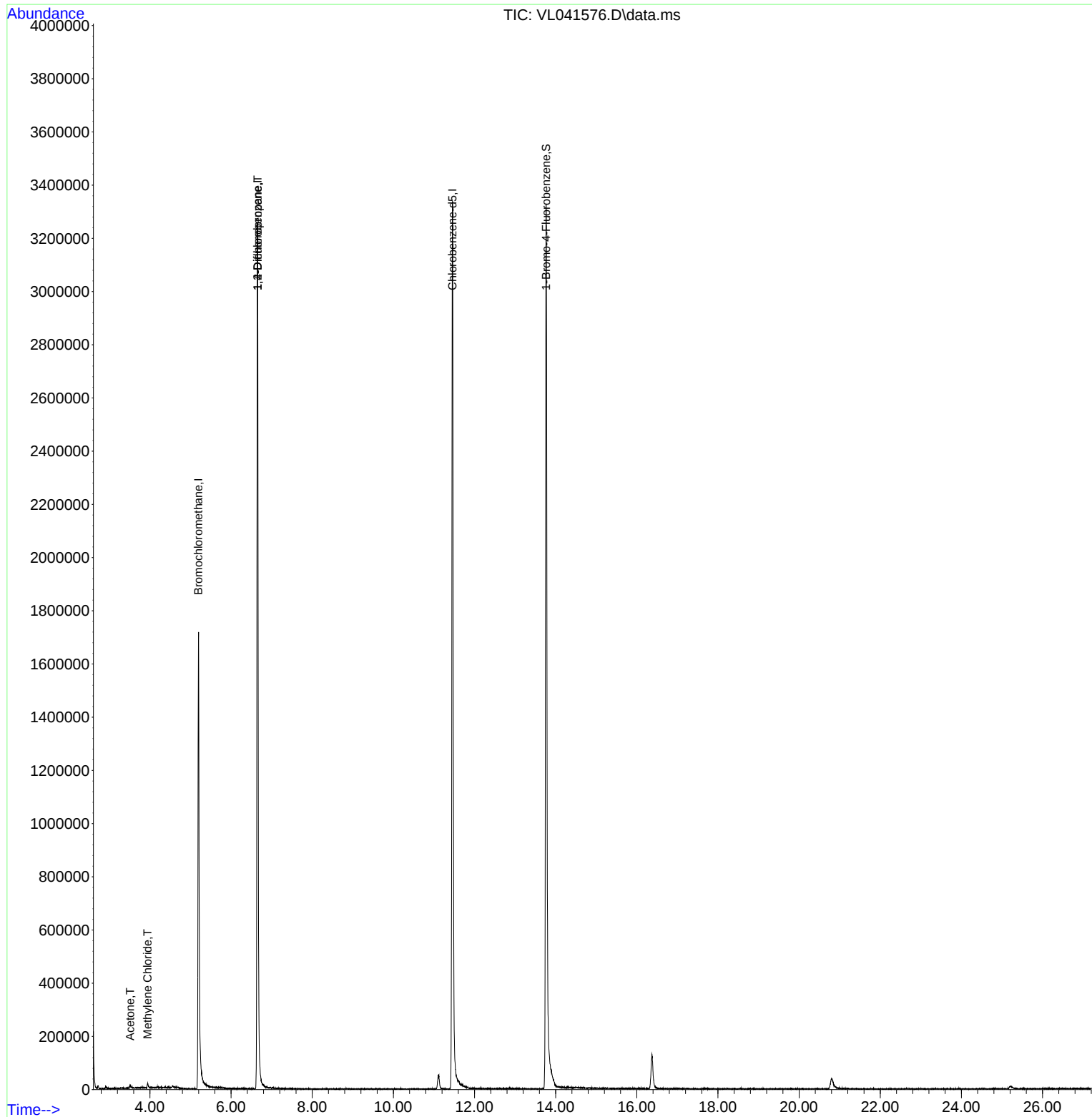
Internal Standards						
1) Bromochloromethane	5.195	49	919765	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2501497	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2265118	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1697946	9.741	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
15) Acetone	3.513	43	10283	0.098	ppbv #	77
20) Methylene Chloride	3.941	84	3542	0.091	ppbv #	80
39) 1,2-Dichloropropane	6.651	63	614952	8.788	ppbv #	25

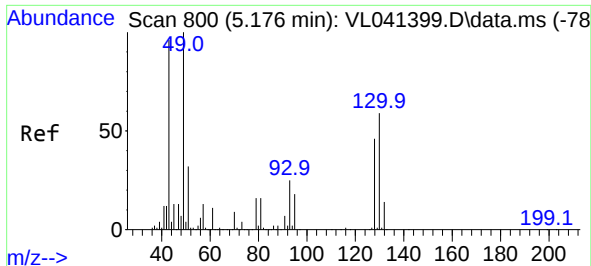
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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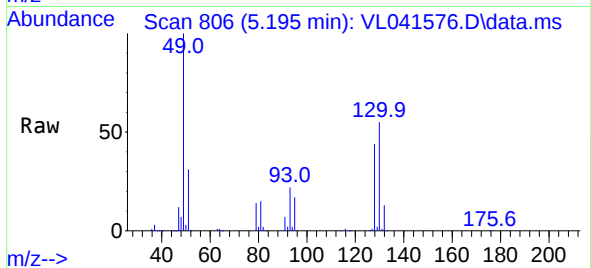
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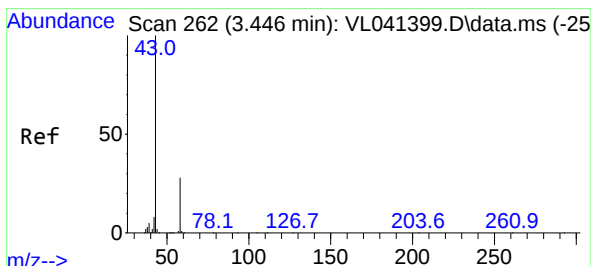
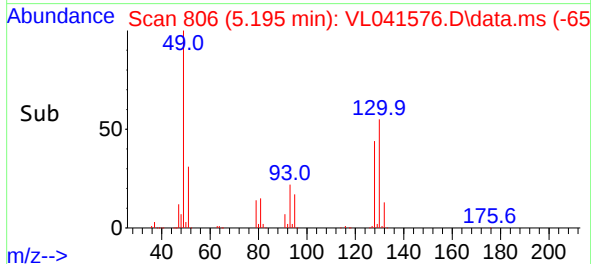
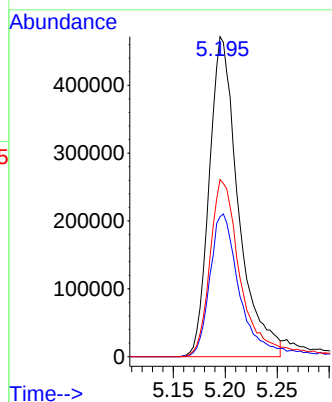


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041576.D
Acq: 21 Aug 2024 21:05

Instrument :
MSVOA_L
ClientSampleId :

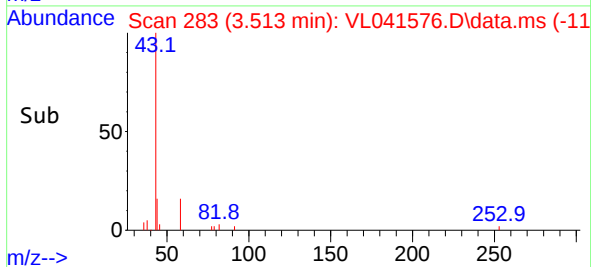
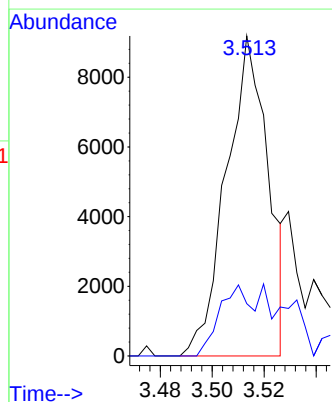
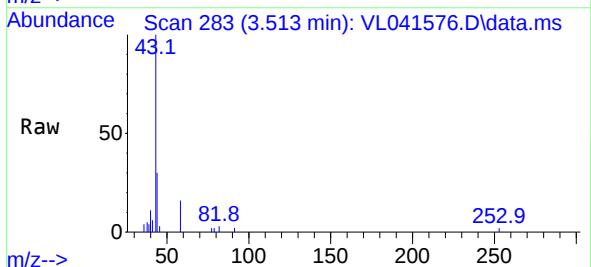


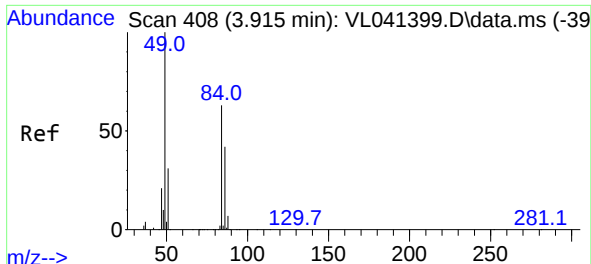
Tgt Ion: 49 Resp: 919765
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 60.8 30.8 92.4



#15
Acetone
Concen: 0.098 ppbv
RT: 3.513 min Scan# 283
Delta R.T. 0.035 min
Lab File: VL041576.D
Acq: 21 Aug 2024 21:05

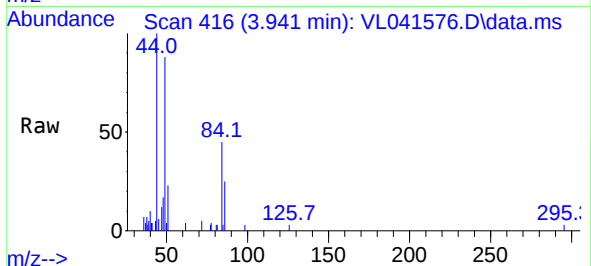
Tgt Ion: 43 Resp: 10283
Ion Ratio Lower Upper
43 100
58 38.9 21.4 32.2#





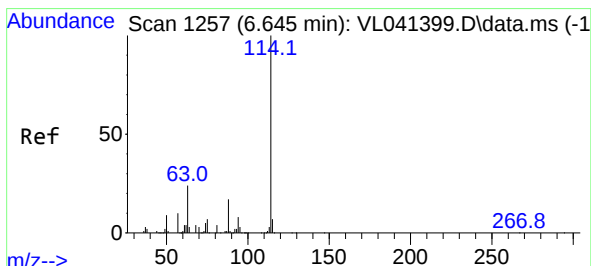
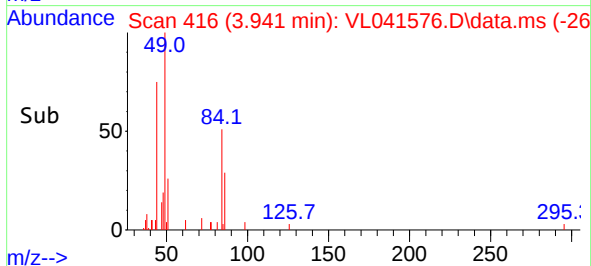
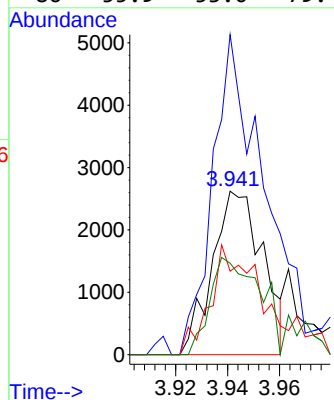
#20
Methylene Chloride
Concen: 0.091 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL041576.D
Acq: 21 Aug 2024 21:05

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 3542

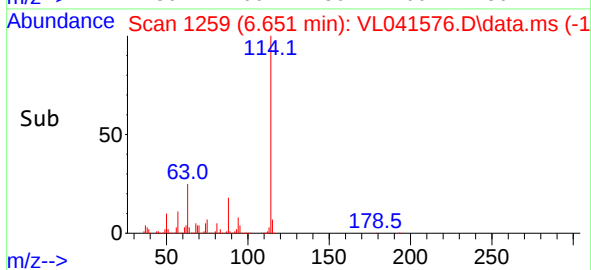
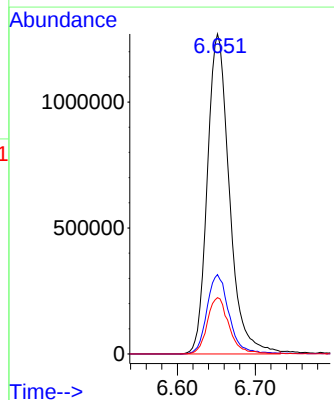
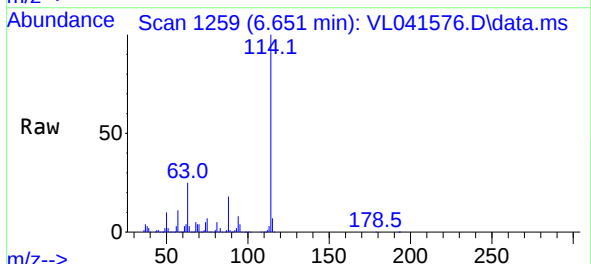
Ion	Ratio	Lower	Upper
84	100		
49	195.8	126.6	190.0#
51	51.1	38.6	58.0
86	55.9	53.0	79.4

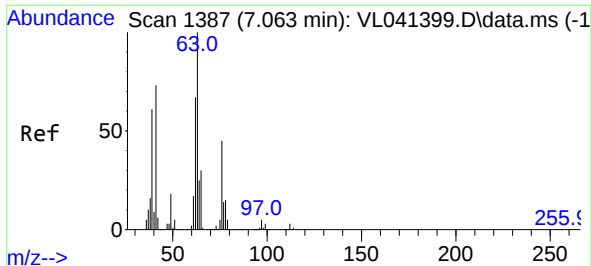


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041576.D
Acq: 21 Aug 2024 21:05

Tgt Ion: 114 Resp: 2501497

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.3	30.5
88	17.6	14.3	21.5





#39

1,2-Dichloropropane

Concen: 8.788 ppbv

RT: 6.651 min Scan# 1

Delta R.T. -0.425 min

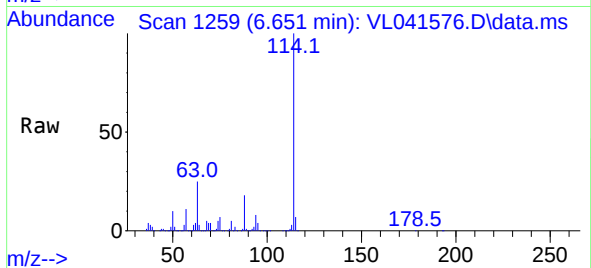
Lab File: VL041576.D

Acq: 21 Aug 2024 21:05

Instrument :

MSVOA_L

ClientSampleId :



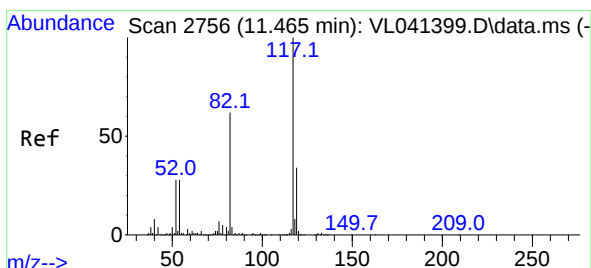
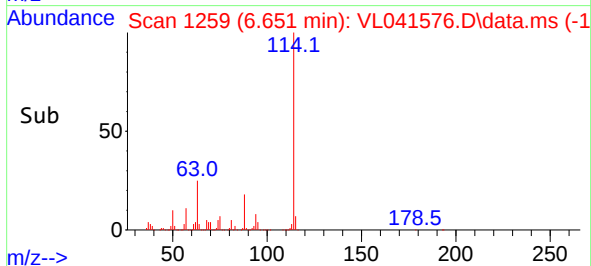
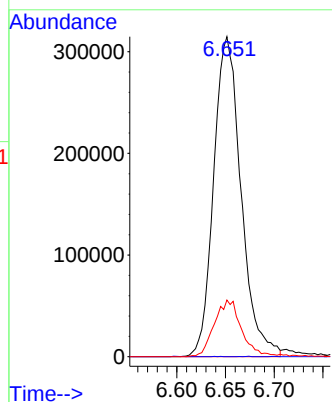
Tgt Ion: 63 Resp: 614952

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.7 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.010 min

Lab File: VL041576.D

Acq: 21 Aug 2024 21:05

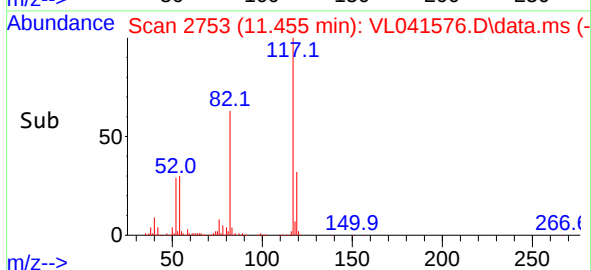
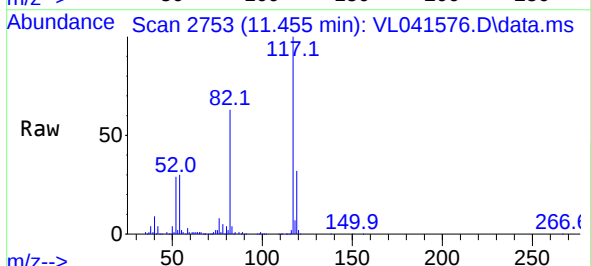
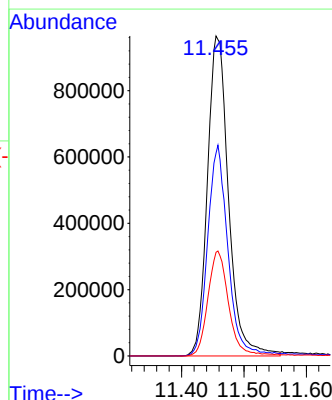
Tgt Ion: 117 Resp: 2265118

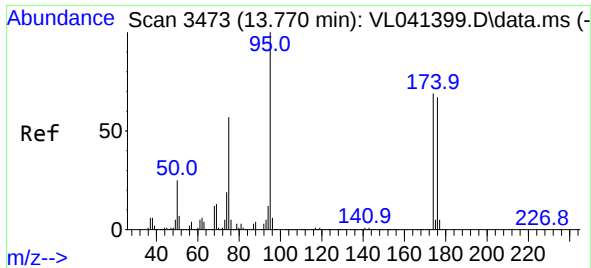
Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

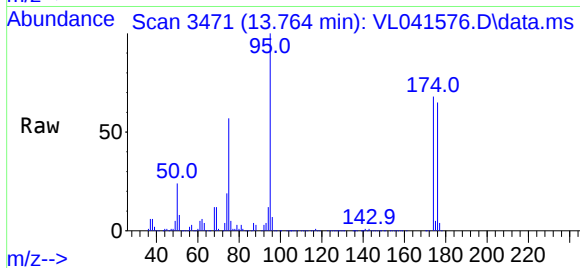
119 32.3 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.741 ppbv
 RT: 13.764 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL041576.D
 Acq: 21 Aug 2024 21:05

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1697946

Ion	Ratio	Lower	Upper
95	100		
174	72.2	56.3	84.5
175	5.1	4.0	6.0

