

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041337.D
 Acq On : 5 Jun 2024 21:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 06 04:43:56 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)

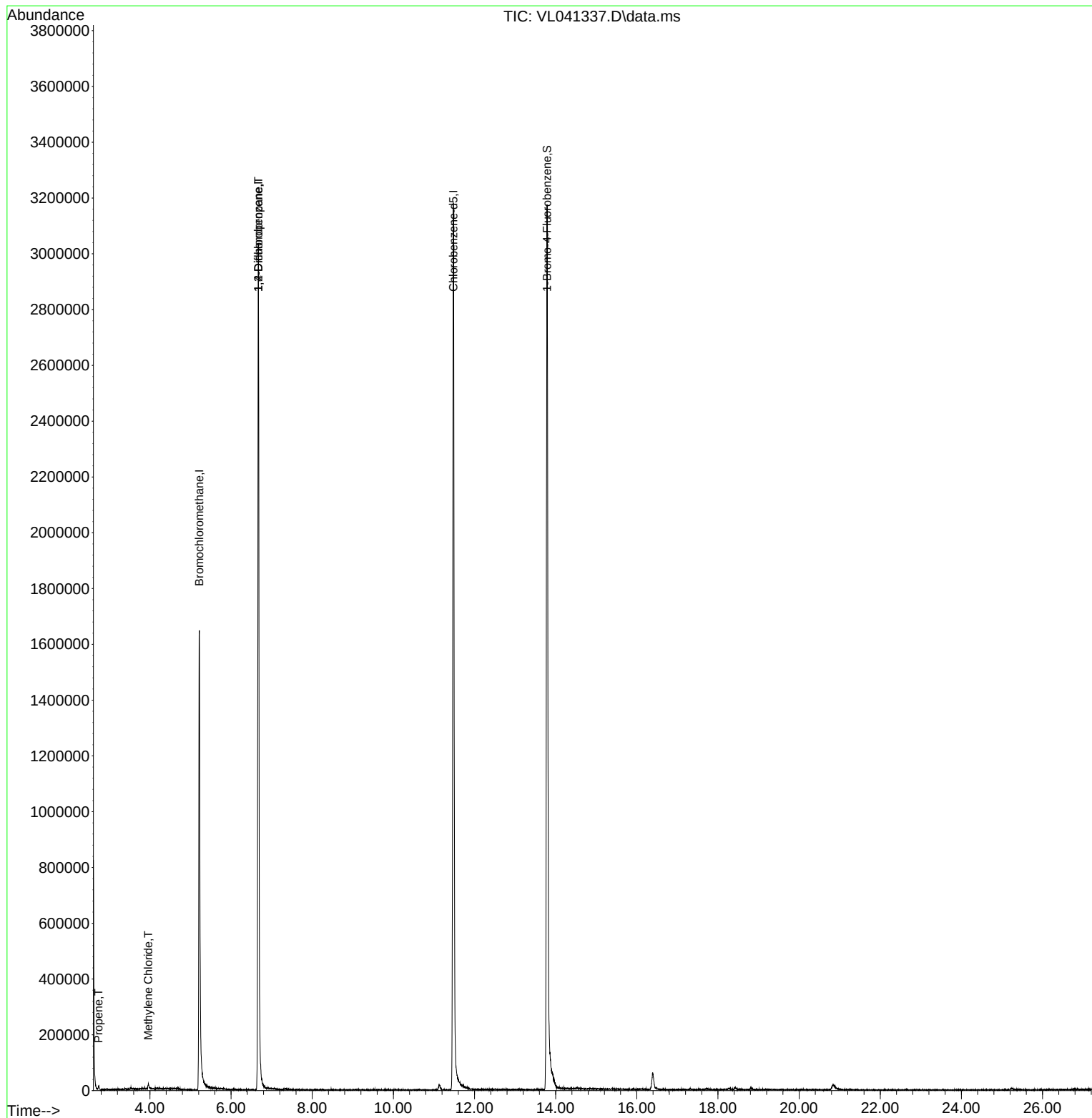
Internal Standards						
1) Bromochloromethane	5.218	49	886143	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.671	114	2347035	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2138853	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1629498	9.867	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
9) Propene	2.729	41	1881	0.038	ppbv #	15
20) Methylene Chloride	3.957	84	2128	0.058	ppbv #	73
39) 1,2-Dichloropropane	6.671	63	602392	8.316	ppbv #	25

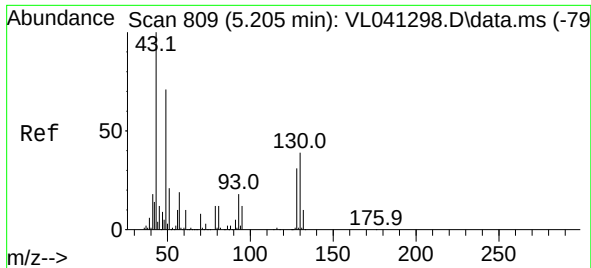
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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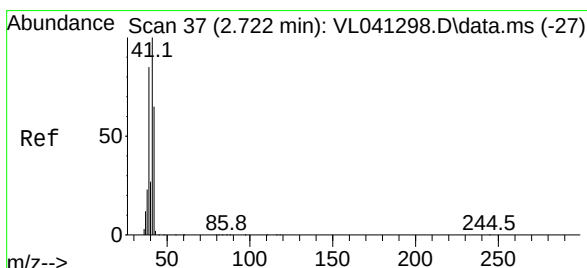
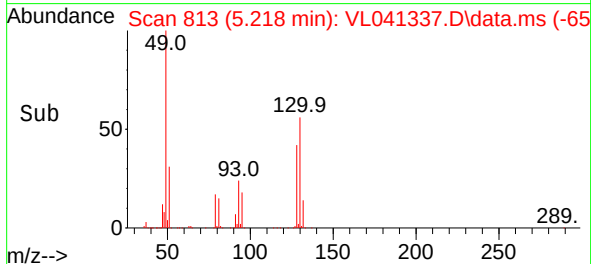
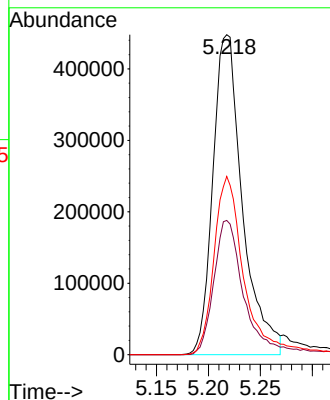
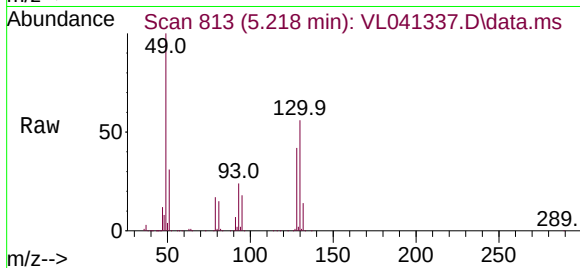




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

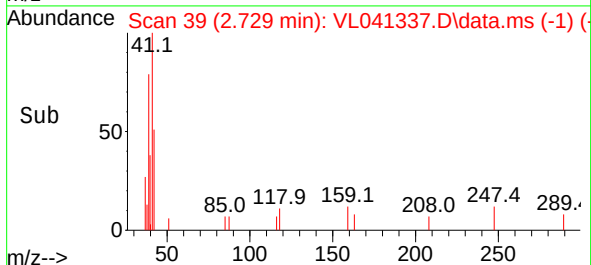
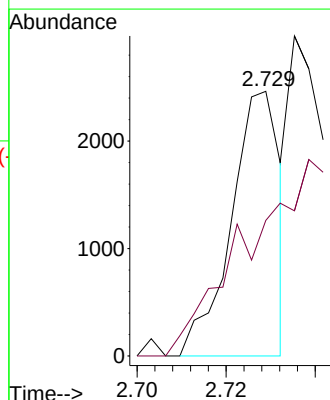
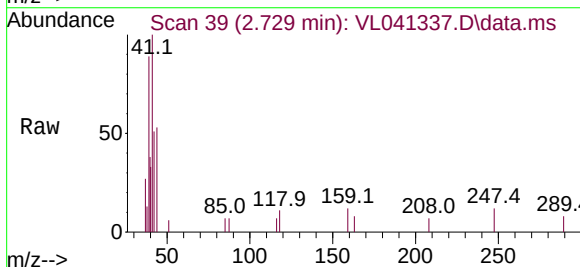
Instrument :
MSVOA_L
ClientSampleId :

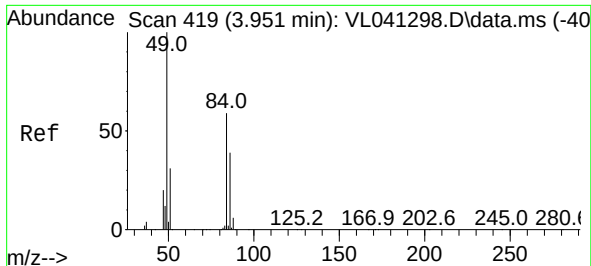
Tgt Ion: 49 Resp: 886143
Ion Ratio Lower Upper
49 100
128 45.0 22.8 68.3
130 58.7 28.4 85.3



#9
Propene
Concen: 0.038 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

Tgt Ion: 41 Resp: 1881
Ion Ratio Lower Upper
41 100
42 0.0 55.2 82.8#





#20

Methylene Chloride

Concen: 0.058 ppbv

RT: 3.957 min Scan# 41

Delta R.T. 0.006 min

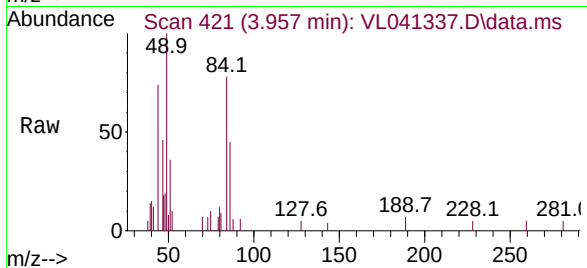
Lab File: VL041337.D

Acq: 5 Jun 2024 21:32

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 2128

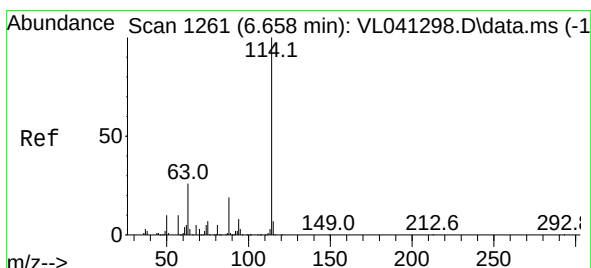
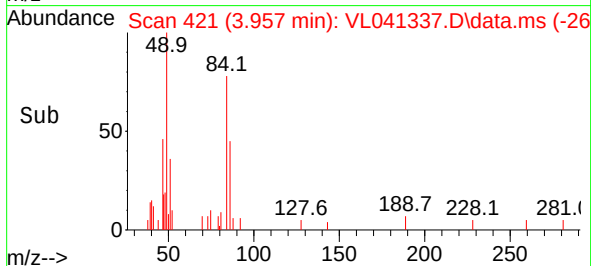
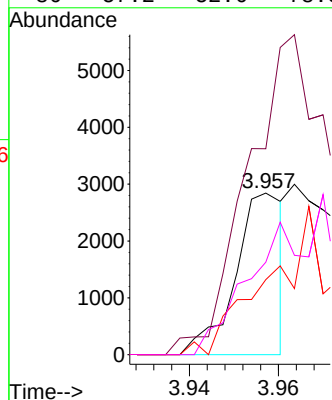
Ion	Ratio	Lower	Upper
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84	100		
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49	117.1	136.2	204.2#
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51	46.4	41.9	62.9
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86	57.2	52.6	78.8
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.013 min

Lab File: VL041337.D

Acq: 5 Jun 2024 21:32

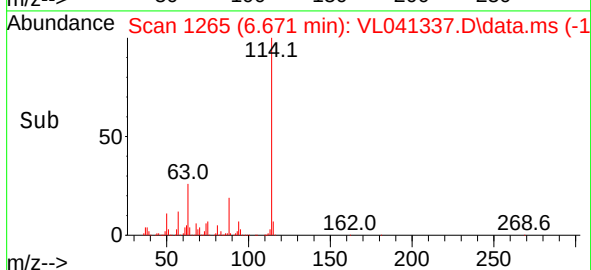
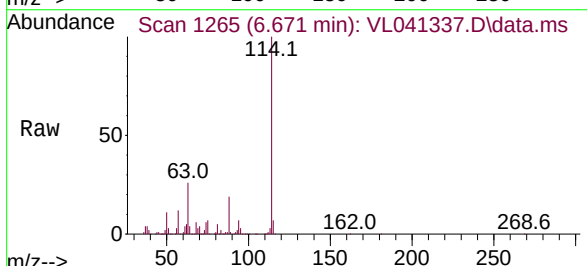
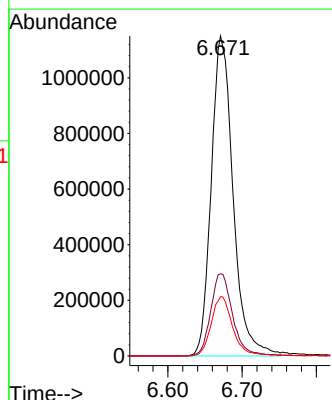
Tgt Ion:114 Resp: 2347035

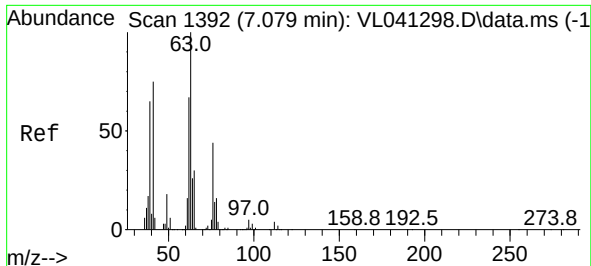
Ion	Ratio	Lower	Upper
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114	100		
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63	26.0	20.6	30.8
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88	18.4	14.5	21.7
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#39

1,2-Dichloropropane

Concen: 8.316 ppbv

RT: 6.671 min Scan# 1

Delta R.T. -0.408 min

Lab File: VL041337.D

Acq: 5 Jun 2024 21:32

Instrument :

MSVOA_L

ClientSampleId :

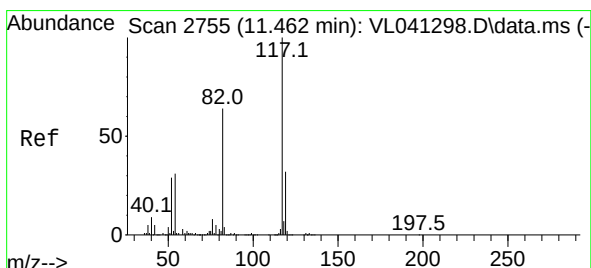
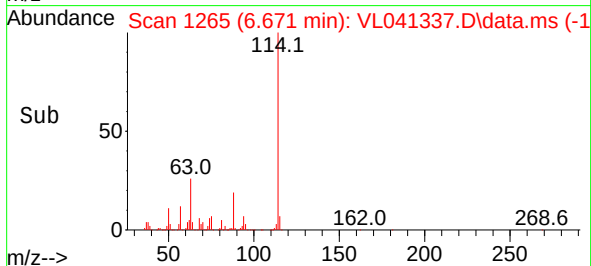
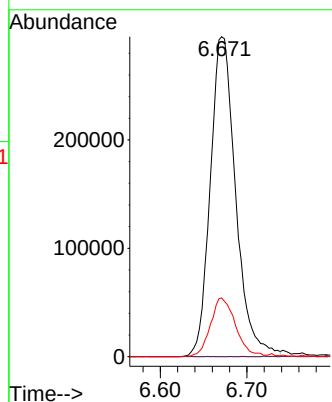
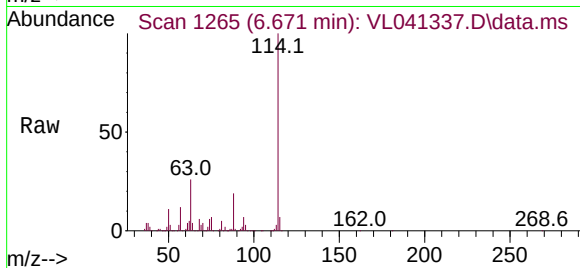
Tgt Ion: 63 Resp: 602392

Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 18.3 53.8 80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2760

Delta R.T. 0.016 min

Lab File: VL041337.D

Acq: 5 Jun 2024 21:32

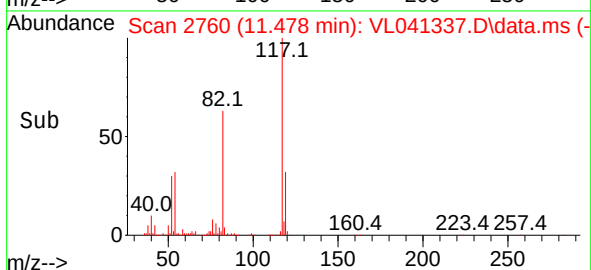
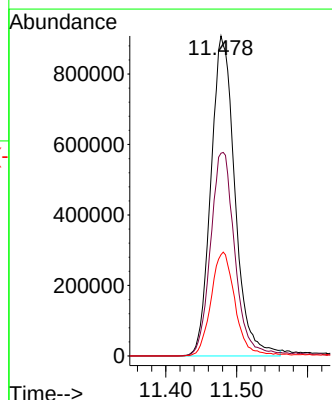
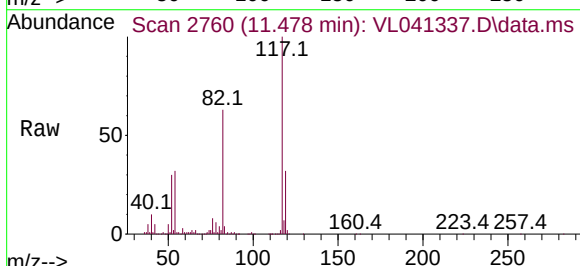
Tgt Ion: 117 Resp: 2138853

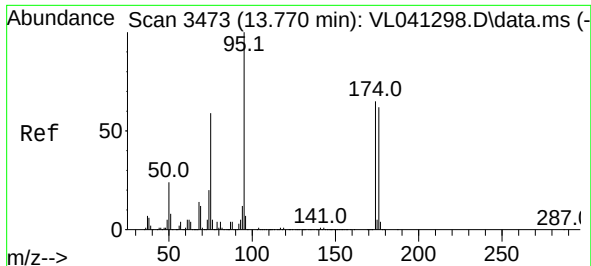
Ion Ratio Lower Upper

117 100

82 65.6 52.3 78.5

119 33.5 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.867 ppbv

RT: 13.790 min Scan# 34

Delta R.T. 0.019 min

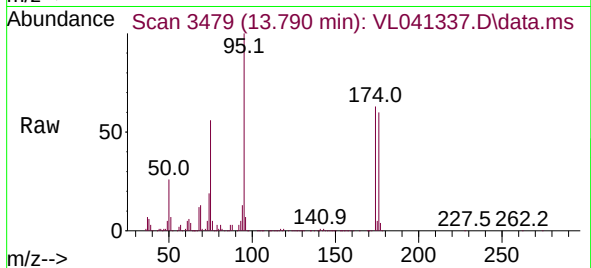
Lab File: VL041337.D

Acq: 5 Jun 2024 21:32

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1629498

Ion Ratio Lower Upper

95 100

174 66.9 52.2 78.2

175 5.0 4.1 6.1

