

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040762.D
 Acq On : 11 Oct 2023 18:42
 Operator : SY/MD
 Sample : VL1011ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:27:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

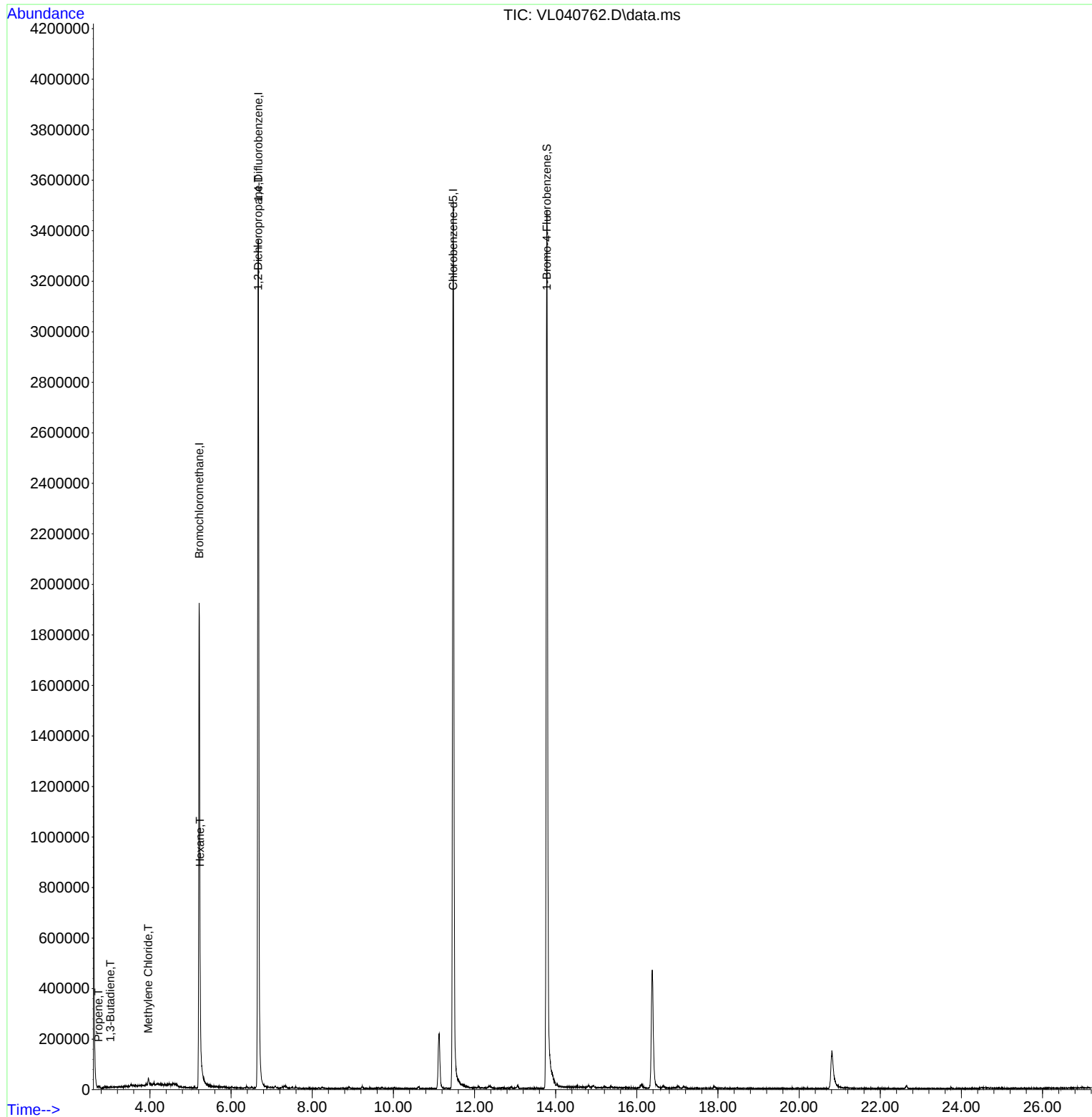
Internal Standards						
1) Bromochloromethane	5.214	49	982353	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2786359	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2536926	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1896900	10.162	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	1799	0.034	ppbv #	14
16) 1,3-Butadiene	3.025	39	1725	0.032	ppbv #	81
20) Methylene Chloride	3.960	84	8554	0.202	ppbv #	87
26) Hexane	5.234	57	5654	0.056	ppbv #	64
39) 1,2-Dichloropropane	6.668	63	660350	7.887	ppbv #	26

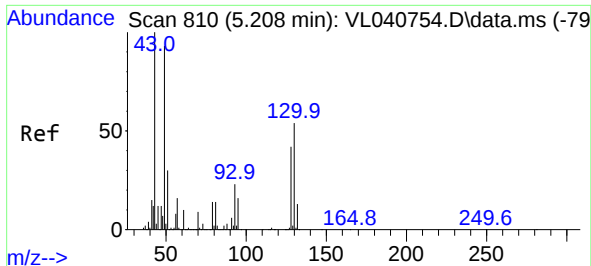
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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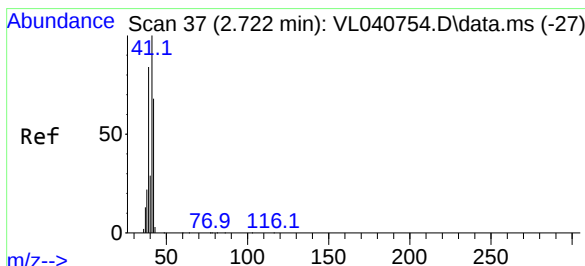
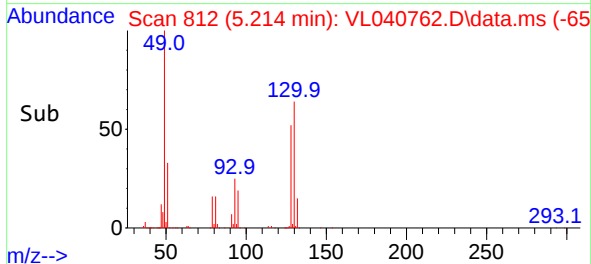
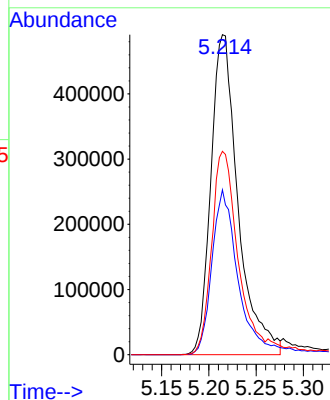
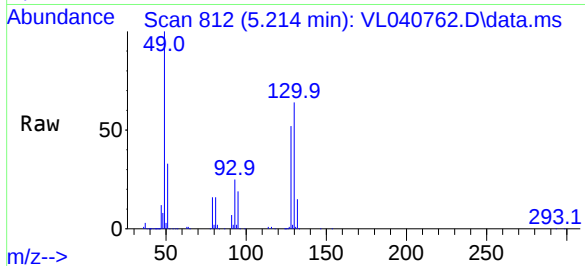




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

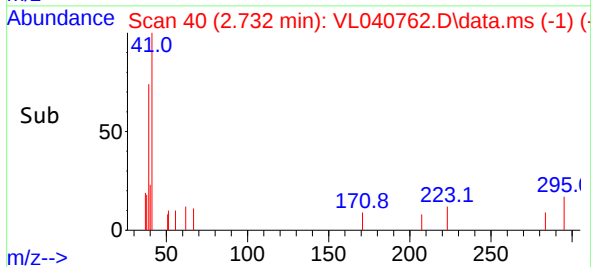
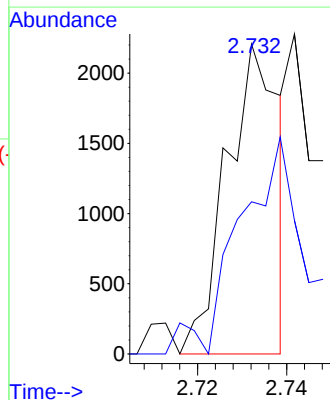
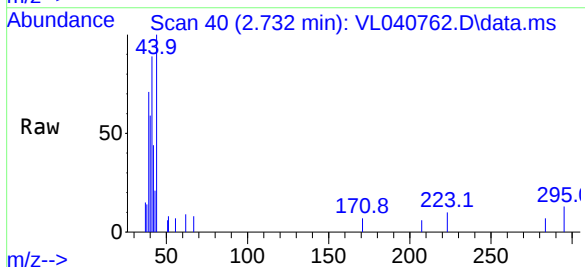
Instrument :
MSVOA_L
ClientSampleId :

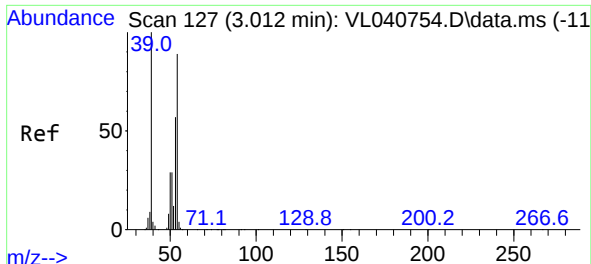
Tgt Ion: 49 Resp: 982353
Ion Ratio Lower Upper
49 100
128 51.5 23.9 71.7
130 66.5 30.7 92.1



#9
Propene
Concen: 0.034 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.010 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Tgt Ion: 41 Resp: 1799
Ion Ratio Lower Upper
41 100
42 0.0 57.1 85.7#

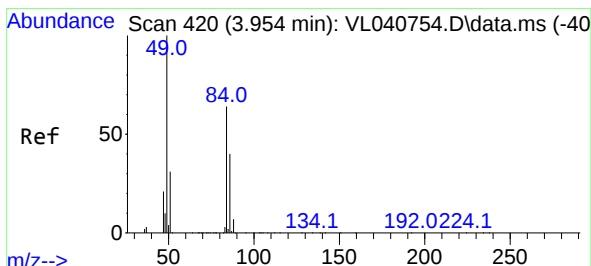
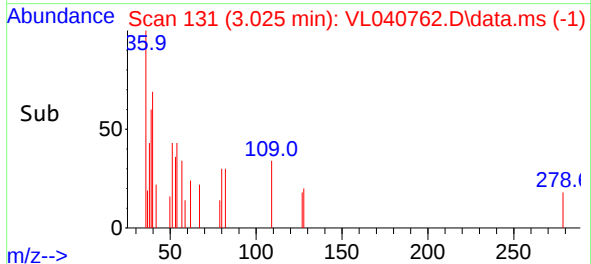
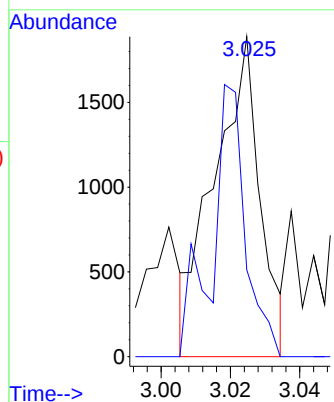
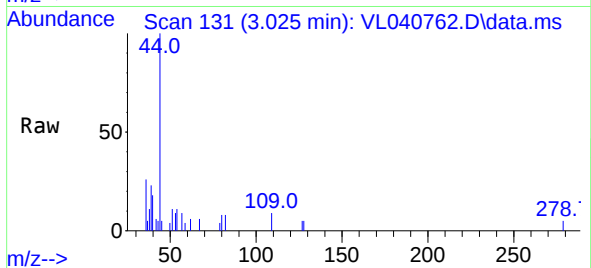




#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 3.025 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

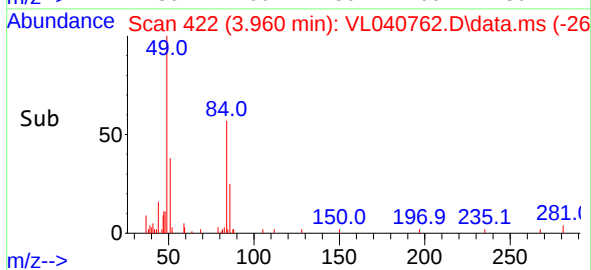
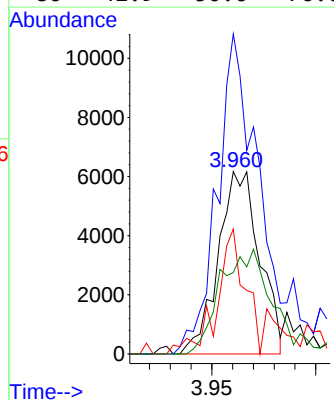
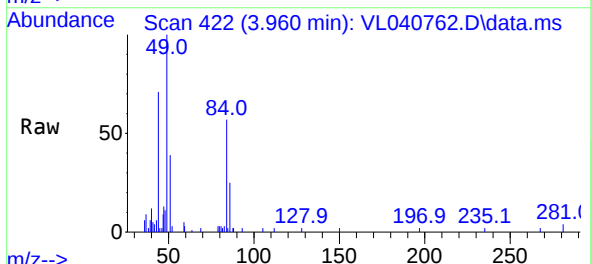
Instrument :
MSVOA_L
ClientSampleId :

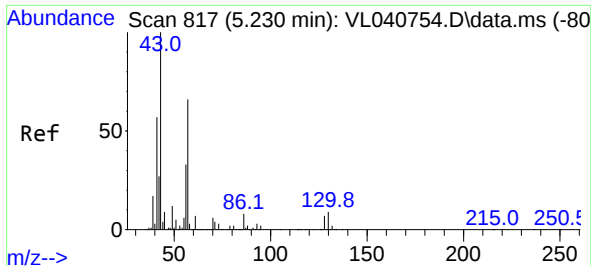
Tgt Ion: 39 Resp: 1725
Ion Ratio Lower Upper
39 100
54 62.1 63.0 94.6#



#20
Methylene Chloride
Concen: 0.202 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.007 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

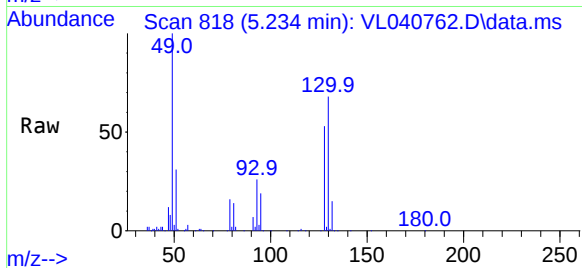
Tgt Ion: 84 Resp: 8554
Ion Ratio Lower Upper
84 100
49 165.1 125.6 188.4
51 62.0 38.9 58.3#
86 42.9 50.6 76.0#



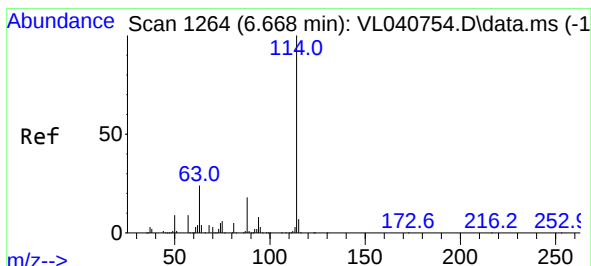
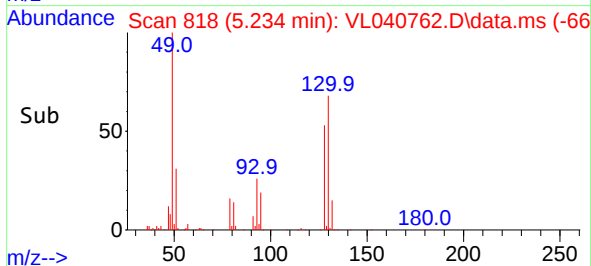
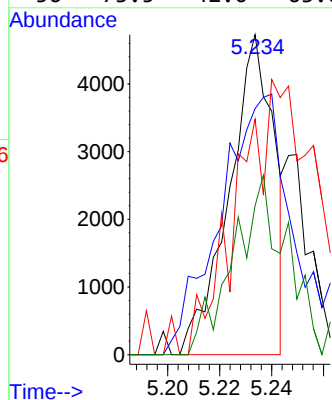


#26
Hexane
Concen: 0.056 ppbv
RT: 5.234 min Scan# 817
Delta R.T. 0.003 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Instrument :
MSVOA_L
ClientSampleId :

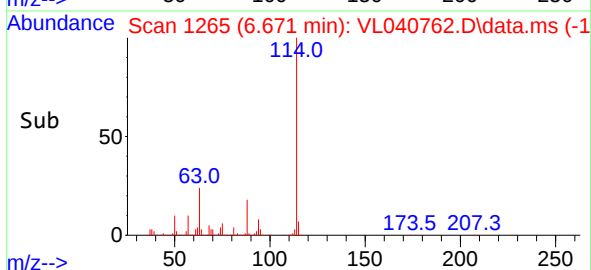
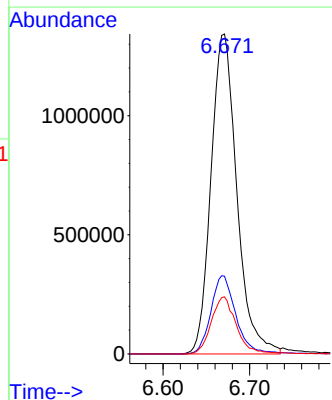
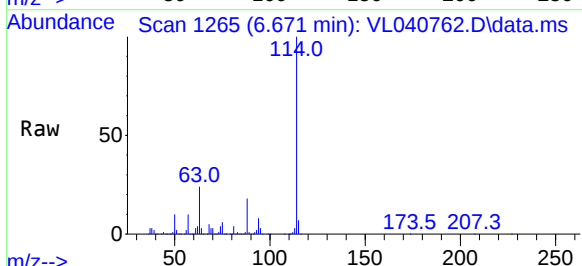


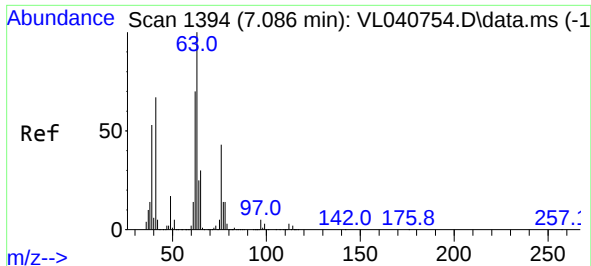
Tgt Ion: 57 Resp: 5654
Ion Ratio Lower Upper
57 100
41 141.2 71.4 107.2#
43 177.7 182.3 273.5#
56 73.5 42.0 63.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VL040762.D
Acq: 11 Oct 2023 18:42

Tgt Ion:114 Resp: 2786359
Ion Ratio Lower Upper
114 100
63 24.0 19.8 29.6
88 17.6 14.2 21.2





#39

1,2-Dichloropropane

Concen: 7.887 ppbv

RT: 6.668 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL040762.D

Acq: 11 Oct 2023 18:42

Instrument :

MSVOA_L

ClientSampleId :

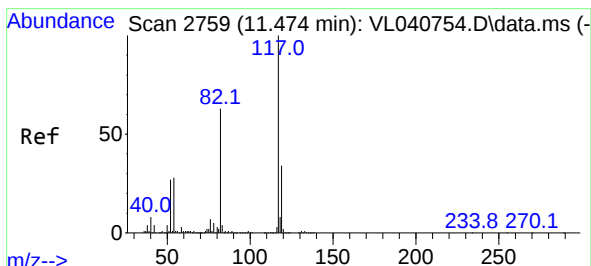
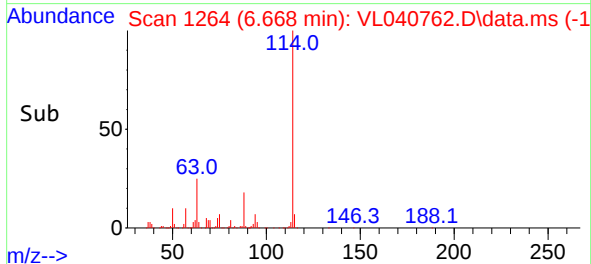
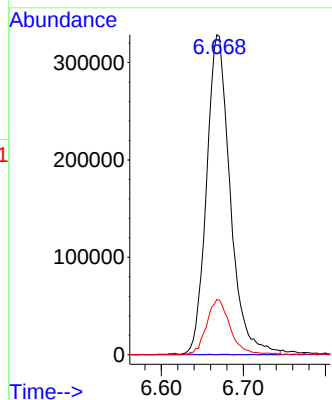
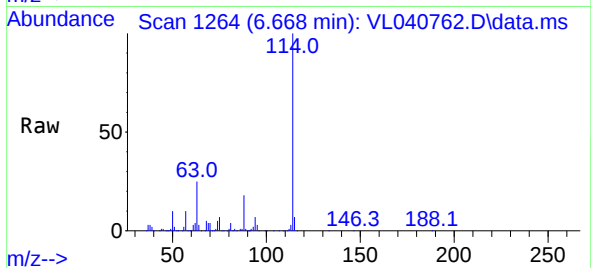
Tgt Ion: 63 Resp: 660350

Ion Ratio Lower Upper

63 100

41 0.0 53.7 80.5#

62 17.2 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2759

Delta R.T. 0.000 min

Lab File: VL040762.D

Acq: 11 Oct 2023 18:42

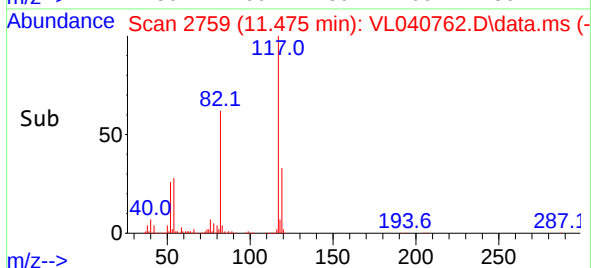
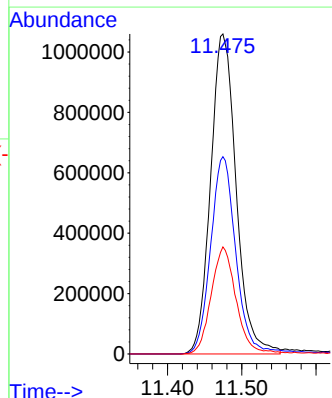
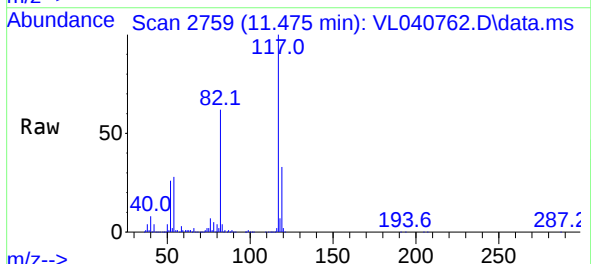
Tgt Ion: 117 Resp: 2536926

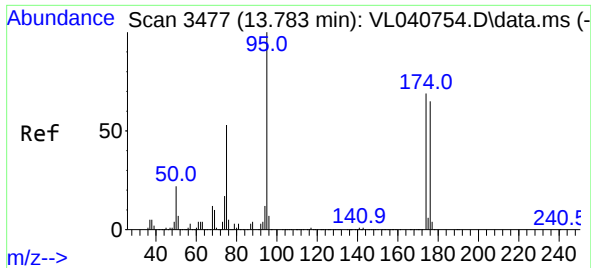
Ion Ratio Lower Upper

117 100

82 61.5 46.6 70.0

119 33.3 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.162 ppbv

RT: 13.786 min Scan# 34

Delta R.T. 0.003 min

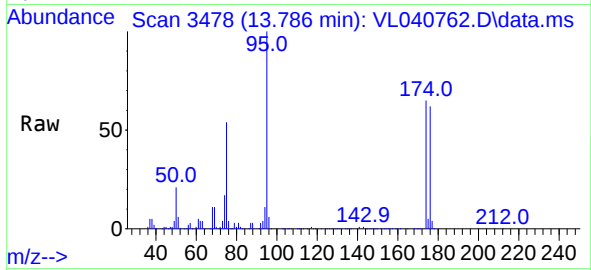
Lab File: VL040762.D

Acq: 11 Oct 2023 18:42

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1896900

Ion Ratio Lower Upper

95 100

174 70.0 54.7 82.1

175 5.2 4.2 6.4

