

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041493.D
 Acq On : 5 Aug 2024 9:07
 Operator : SY/MD
 Sample : VL0805ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 06 01:35:19 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 : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

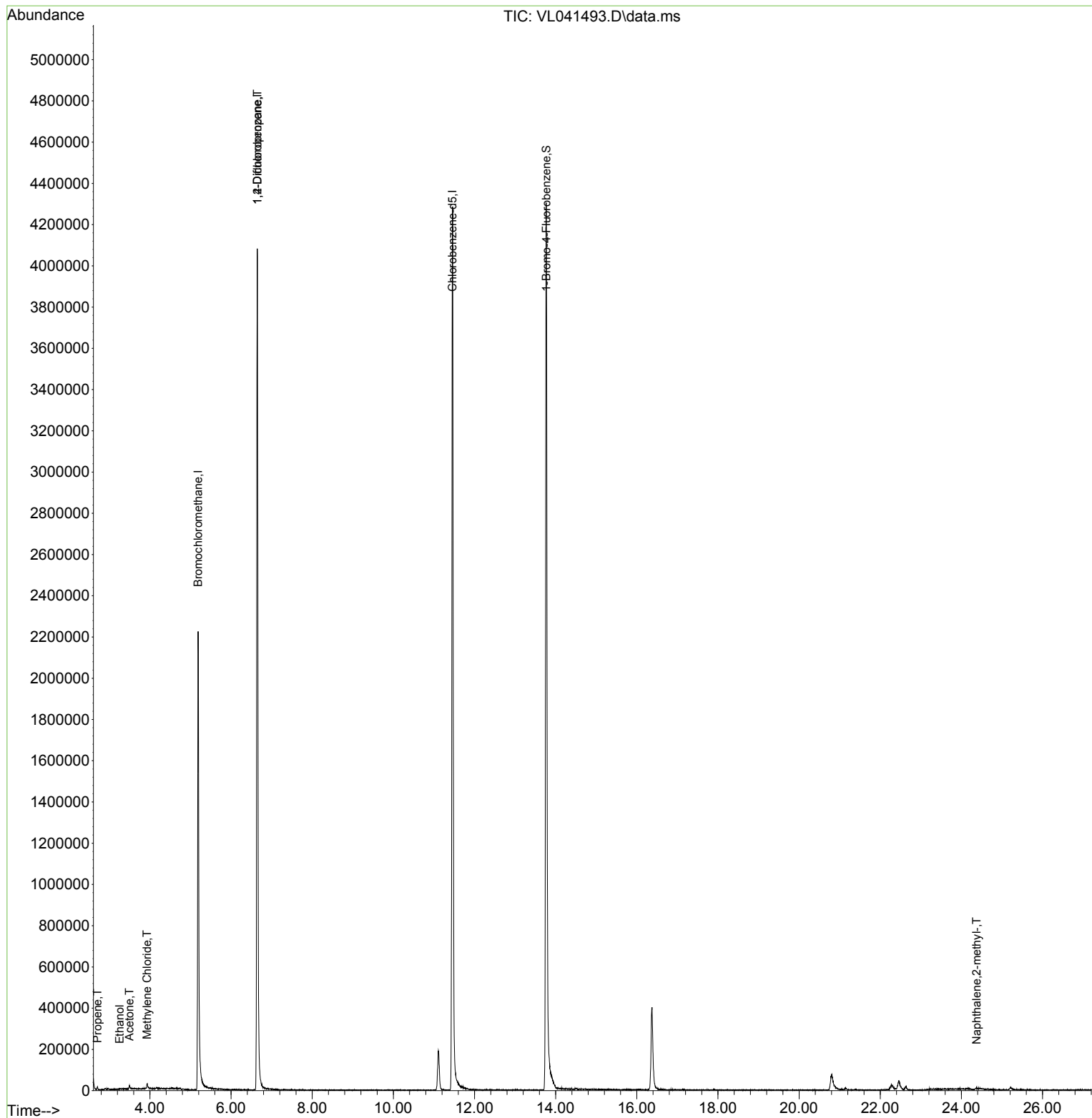
Internal Standards						
1) Bromochloromethane	5.189	49	1177454	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3167373	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2871846	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2211478	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
9) Propene	2.703	41	3252	0.051	ppbv #	15
13) Ethanol	3.256	45	544	0.095	ppbv #	41
15) Acetone	3.497	43	15194	0.114	ppbv #	85
20) Methylene Chloride	3.928	84	6959	0.139	ppbv #	68
39) 1,2-Dichloropropane	6.645	63	777565	8.776	ppbv #	25
80) Naphthalene,2-methyl-	24.378	142	8974	0.038	ppbv	89

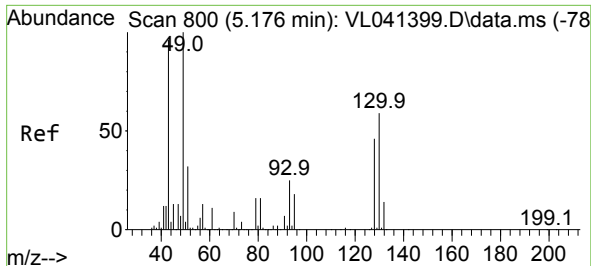
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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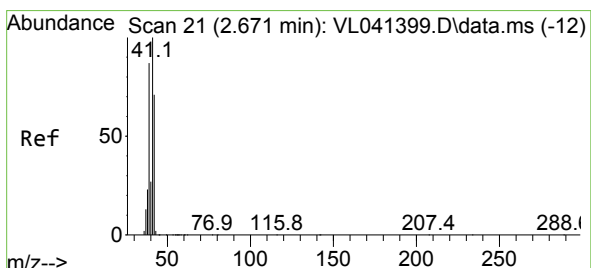
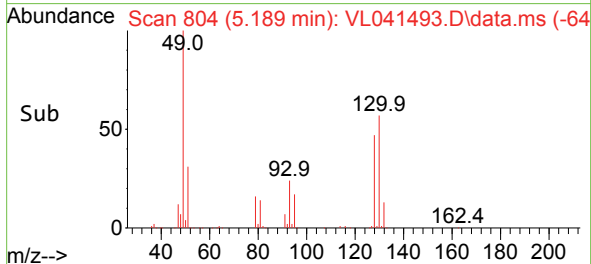
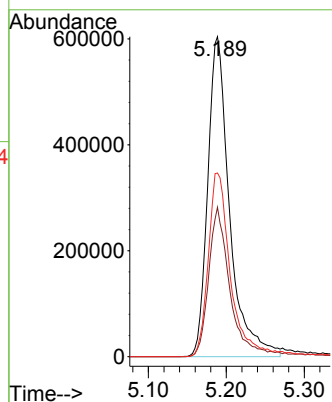
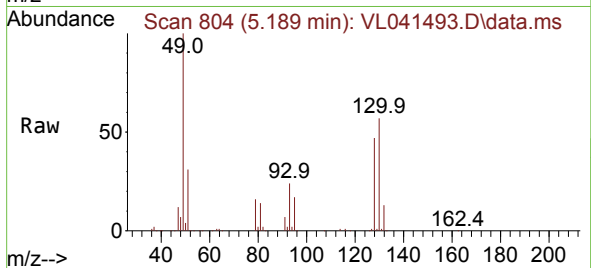




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

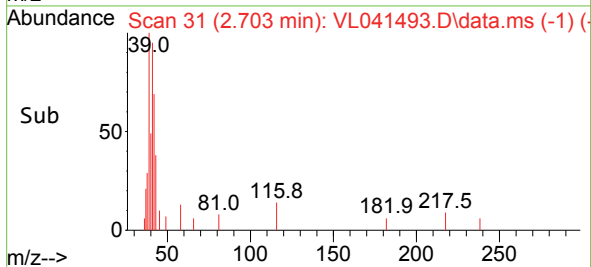
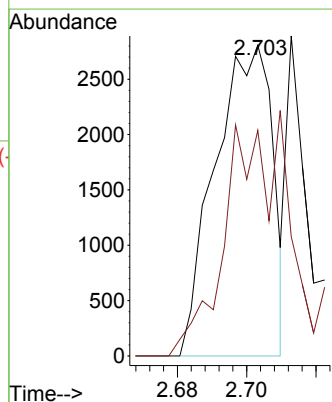
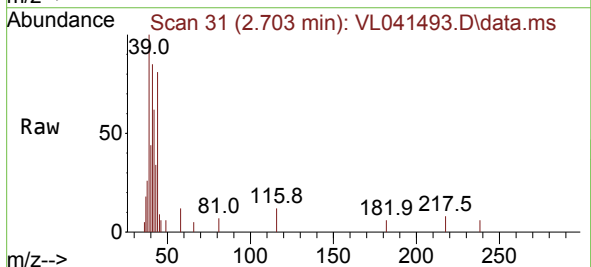
Instrument :
MSVOA_L
ClientSampleId :

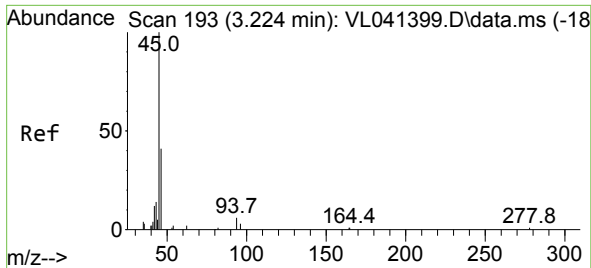
Tgt Ion: 49 Resp: 1177454
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 60.5 30.8 92.4



#9
Propene
Concen: 0.051 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

Tgt Ion: 41 Resp: 3252
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#

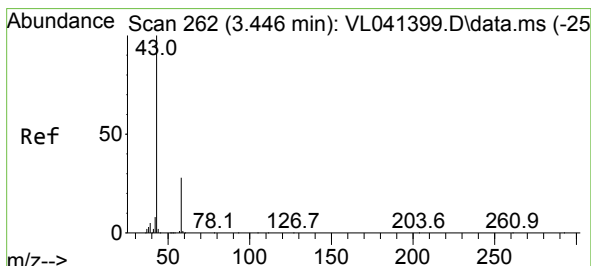
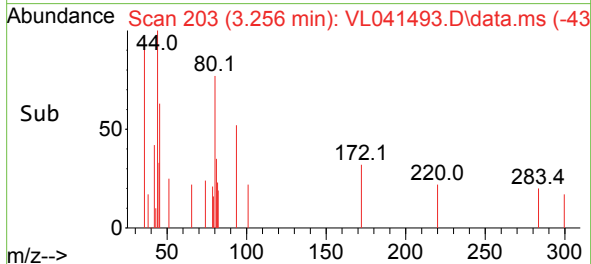
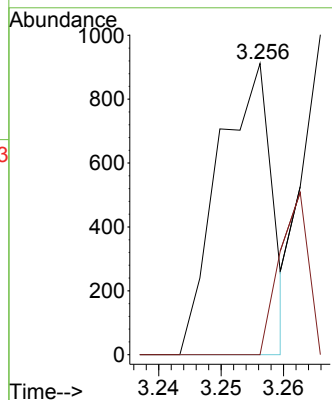
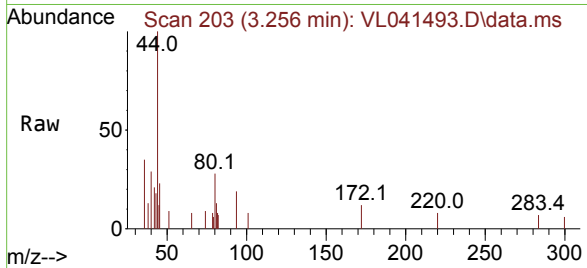




#13
Ethanol
Concen: 0.095 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.013 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

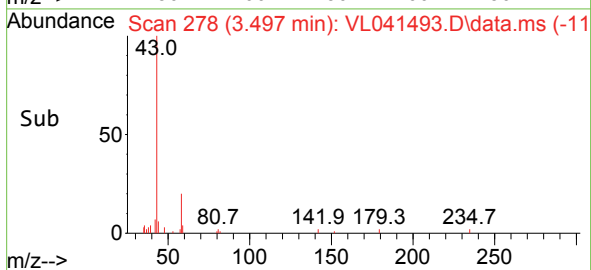
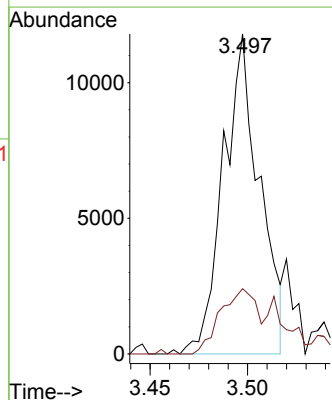
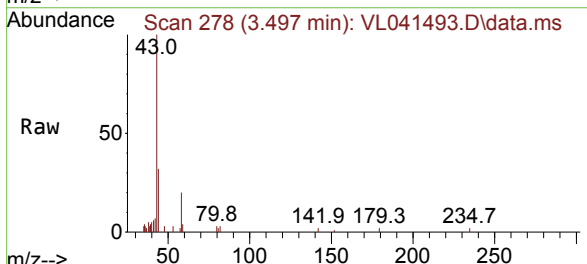
Instrument :
MSVOA_L
ClientSampleId :

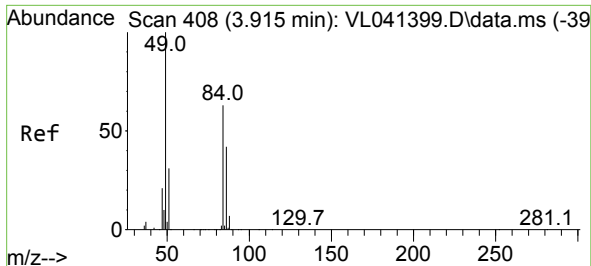
Tgt Ion: 45 Resp: 544
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#



#15
Acetone
Concen: 0.114 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.029 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

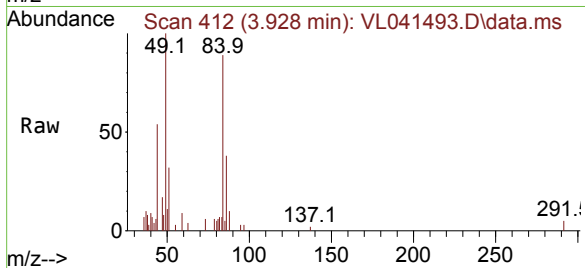
Tgt Ion: 43 Resp: 15194
Ion Ratio Lower Upper
43 100
58 34.8 21.4 32.2#



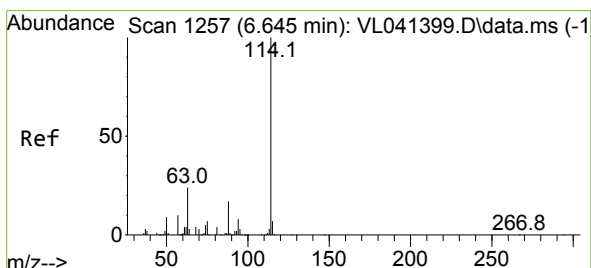
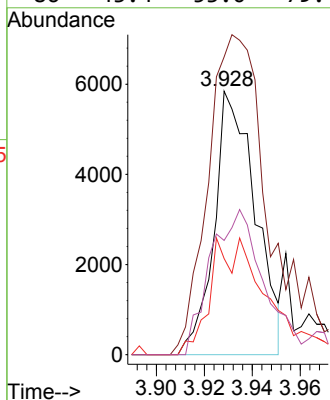
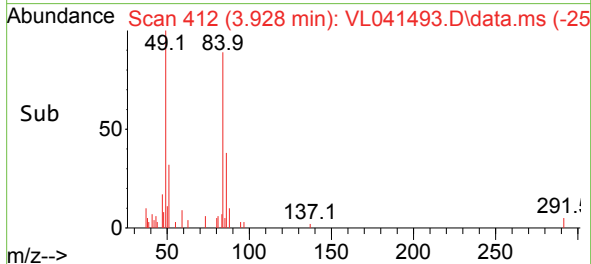


#20
Methylene Chloride
Concen: 0.139 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

Instrument :
MSVOA_L
ClientSampleId :

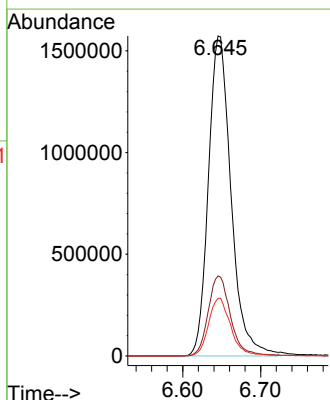
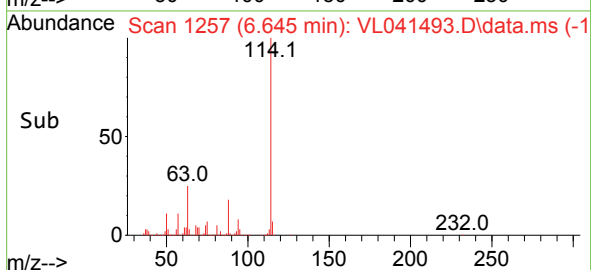
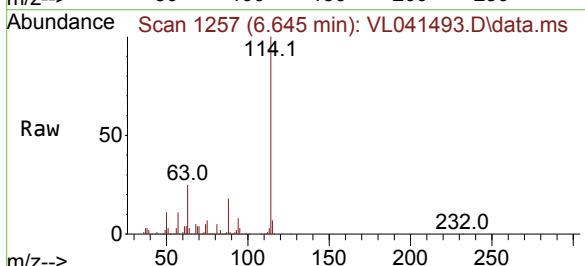


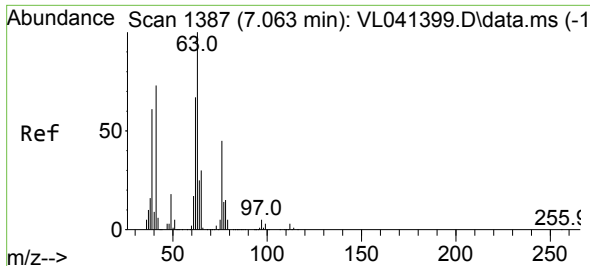
Tgt Ion: 84 Resp: 6959
Ion Ratio Lower Upper
84 100
49 109.3 126.6 190.0#
51 36.5 38.6 58.0#
86 43.4 53.0 79.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

Tgt Ion: 114 Resp: 3167373
Ion Ratio Lower Upper
114 100
63 24.8 20.3 30.5
88 17.9 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.776 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.424 min

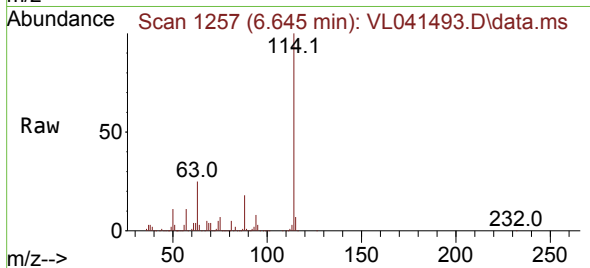
Lab File: VL041493.D

Acq: 5 Aug 2024 9:07

Instrument :

MSVOA_L

ClientSampleId :



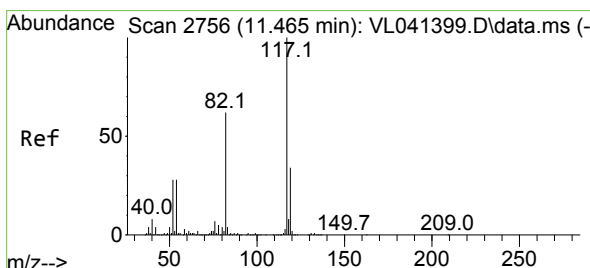
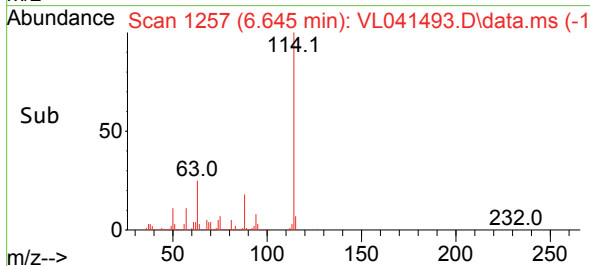
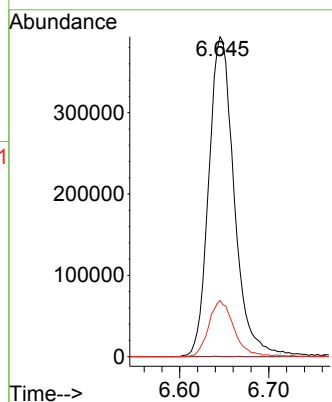
Tgt Ion: 63 Resp: 777565

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.5 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 2754

Delta R.T. -0.003 min

Lab File: VL041493.D

Acq: 5 Aug 2024 9:07

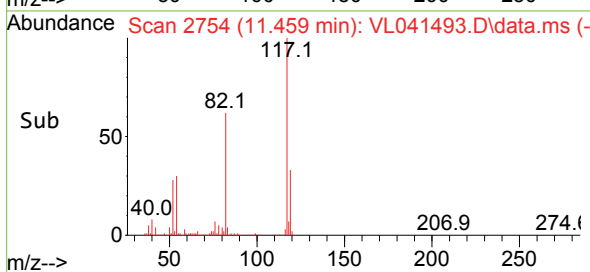
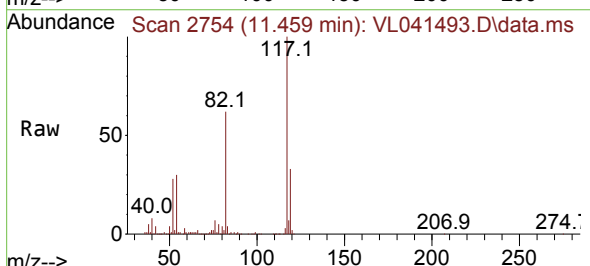
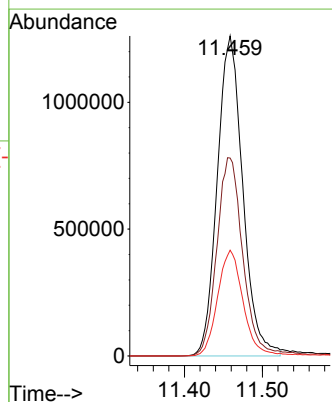
Tgt Ion: 117 Resp: 2871846

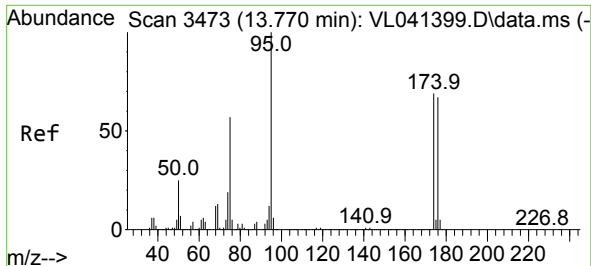
Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

119 33.7 45.2 67.8#

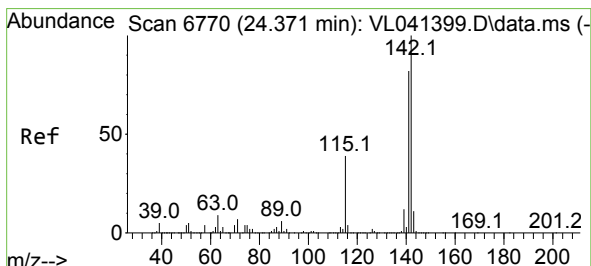
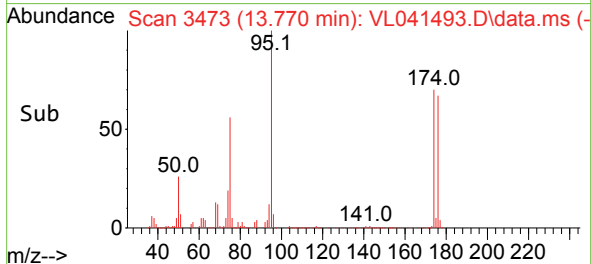
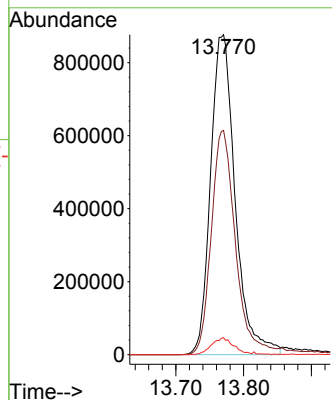
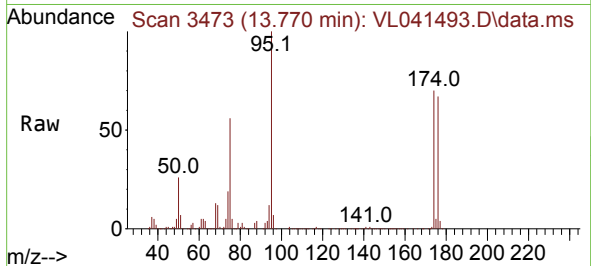




#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.003 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2211478
Ion Ratio Lower Upper
95 100
174 71.3 56.3 84.5
175 5.0 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.038 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.016 min
Lab File: VL041493.D
Acq: 5 Aug 2024 9:07

Tgt Ion:142 Resp: 8974
Ion Ratio Lower Upper
142 100
141 70.1 67.0 100.4
115 40.9 32.2 48.2

