

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041538.D
 Acq On : 13 Aug 2024 7:36
 Operator : SY/MD
 Sample : QC081224 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 14 01:15:08 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 : Wed Aug 14 01:14:38 2024
 Response via : Initial Calibration

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

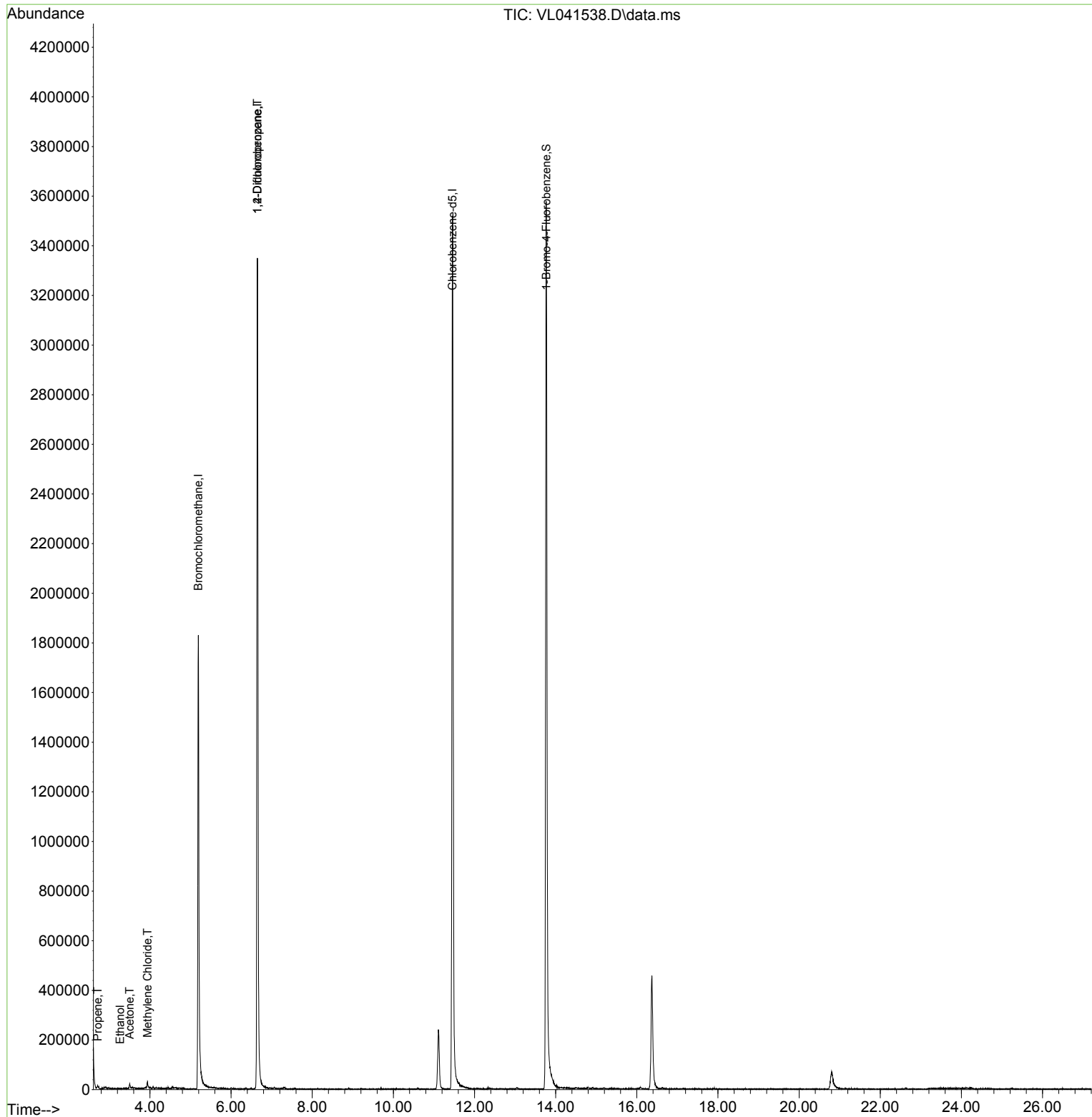
Internal Standards						
1) Bromochloromethane	5.192	49	955718	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2550647	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2369899	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1791058	9.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.713	41	2932	0.056	ppbv #	41
13) Ethanol	3.262	45	307	0.066	ppbv #	41
15) Acetone	3.500	43	18556	0.171	ppbv #	90
20) Methylene Chloride	3.944	84	6477	0.160	ppbv	96
39) 1,2-Dichloropropane	6.648	63	613799	8.602	ppbv #	25

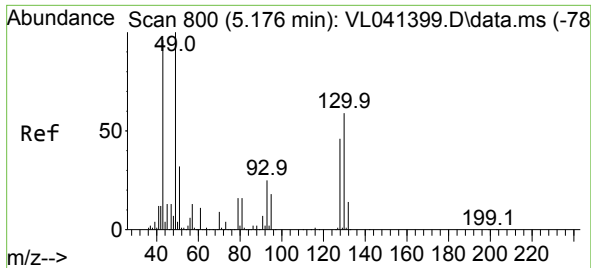
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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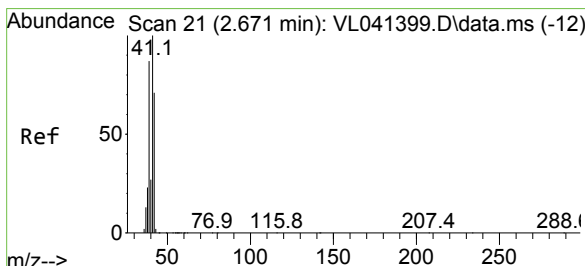
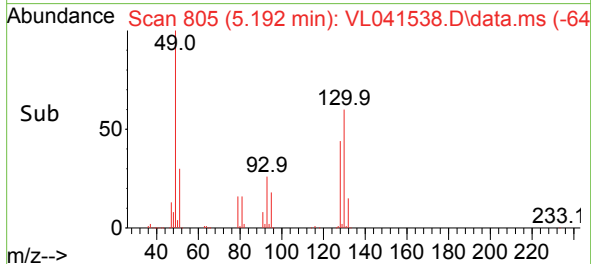
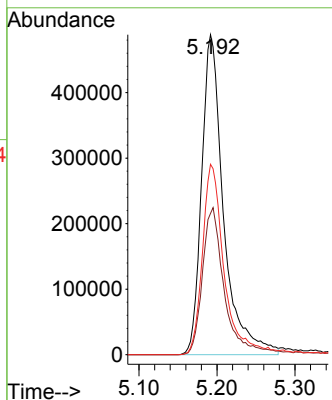
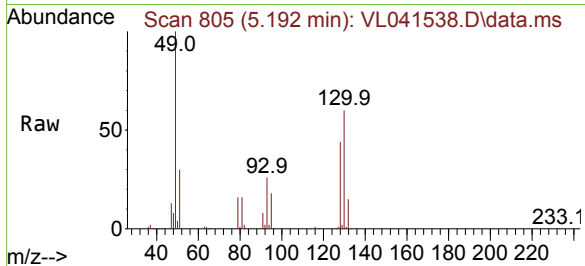




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

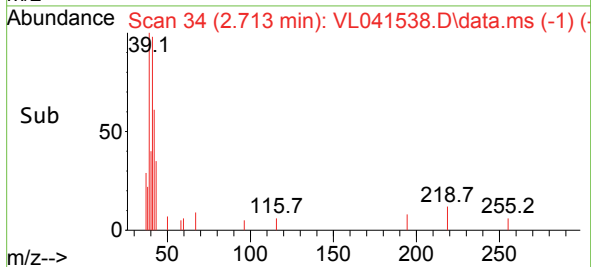
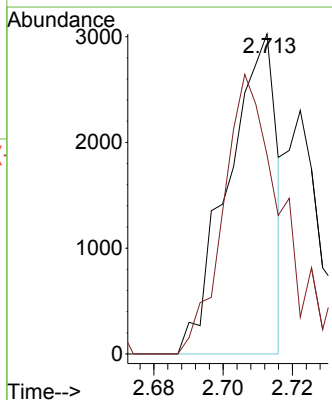
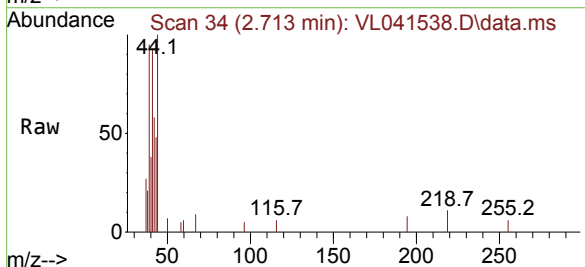
Instrument :
MSVOA_L
ClientSampleId :

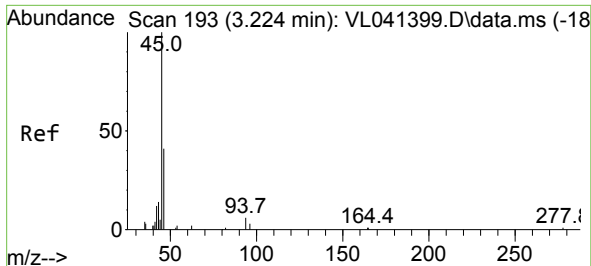
Tgt Ion: 49 Resp: 955718
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 60.3 30.8 92.4



#9
Propene
Concen: 0.056 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.019 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Tgt Ion: 41 Resp: 2932
Ion Ratio Lower Upper
41 100
42 118.4 55.9 83.9#

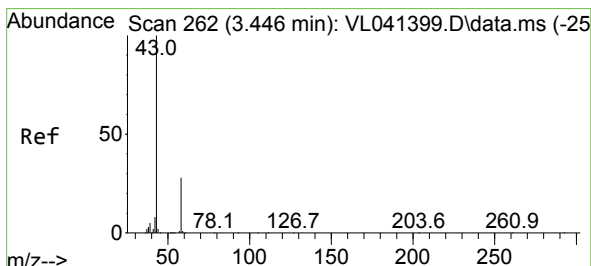
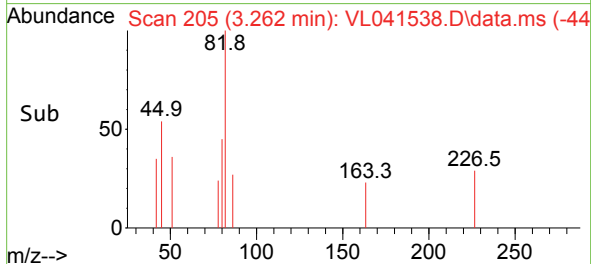
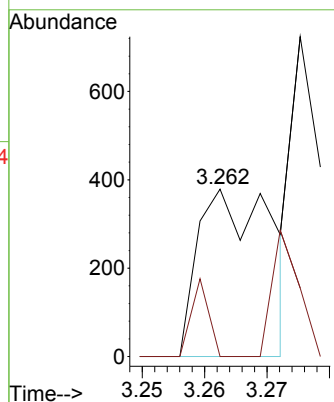
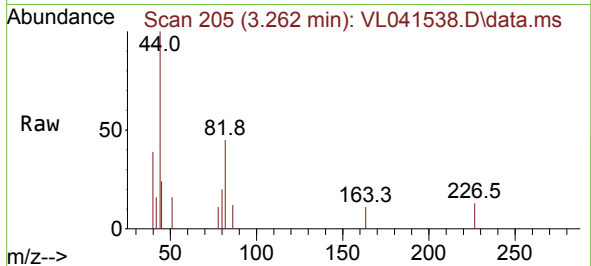




#13
Ethanol
Concen: 0.066 ppbv
RT: 3.262 min Scan# 205
Delta R.T. 0.019 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

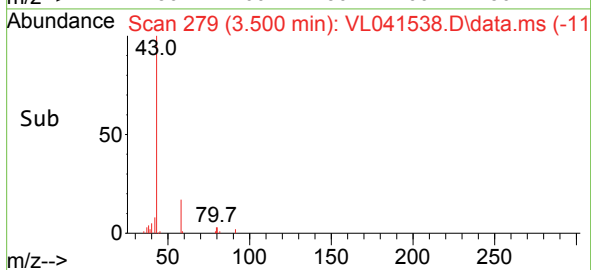
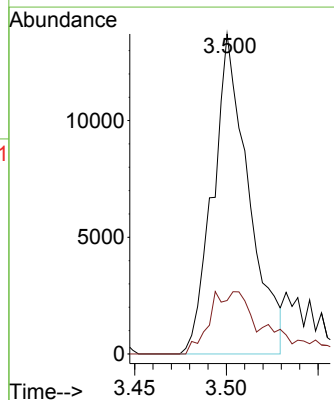
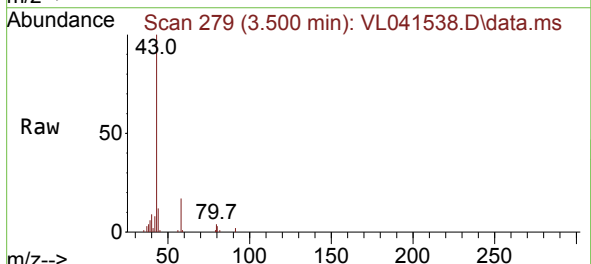
Instrument :
MSVOA_L
ClientSampleId :

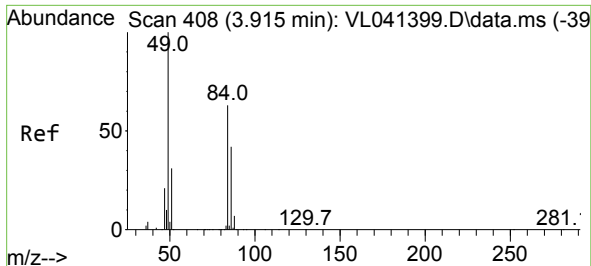
Tgt Ion: 45 Resp: 307
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#



#15
Acetone
Concen: 0.171 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.032 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Tgt Ion: 43 Resp: 18556
Ion Ratio Lower Upper
43 100
58 32.2 21.4 32.2#

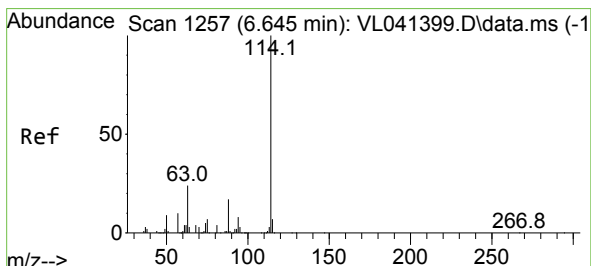
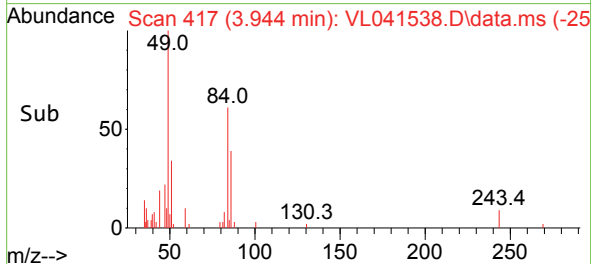
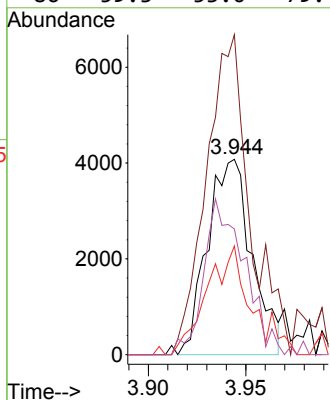
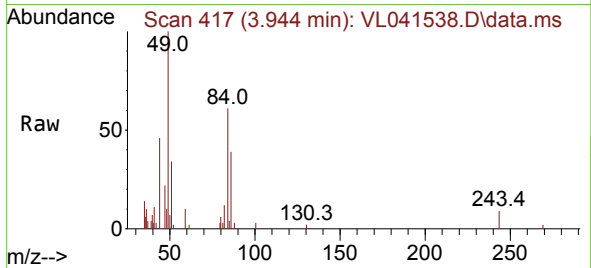




#20
Methylene Chloride
Concen: 0.160 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.013 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

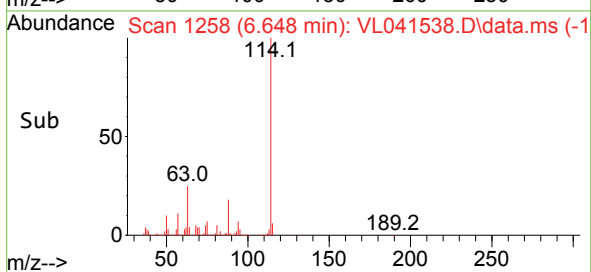
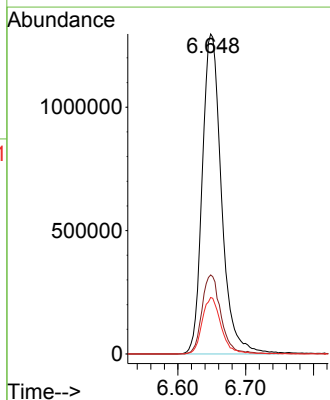
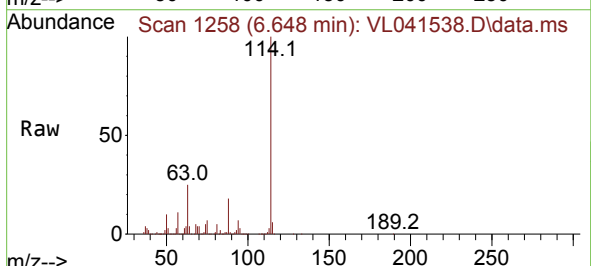
Instrument :
MSVOA_L
ClientSampleId :

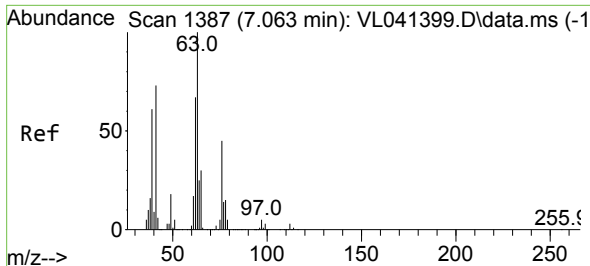
Tgt Ion: 84	Resp: 6477
Ion Ratio	Lower Upper
84 100	
49 155.6	126.6 190.0
51 50.6	38.6 58.0
86 59.3	53.0 79.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Tgt Ion:114	Resp: 2550647		
Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.3	30.5
88	17.5	14.3	21.5





#39

1,2-Dichloropropane

Concen: 8.602 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.424 min

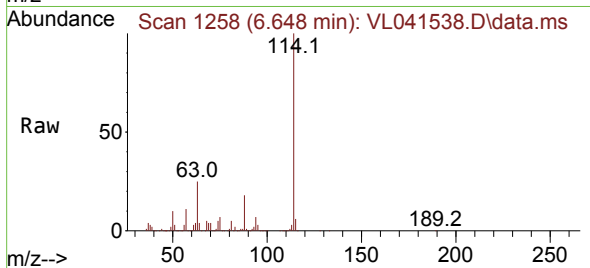
Lab File: VL041538.D

Acq: 13 Aug 2024 7:36

Instrument :

MSVOA_L

ClientSampleId :



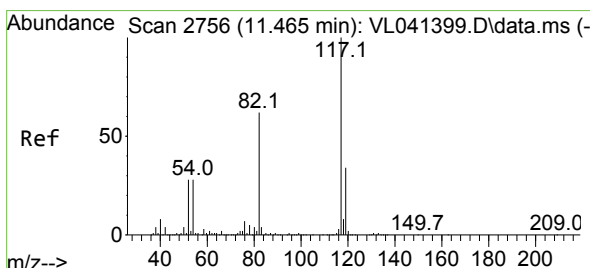
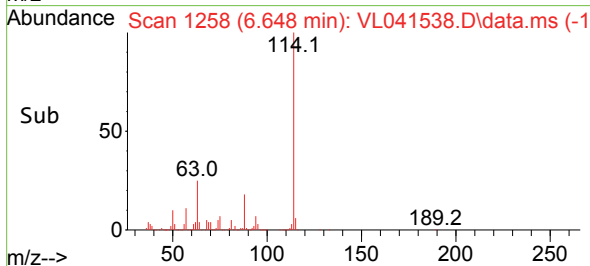
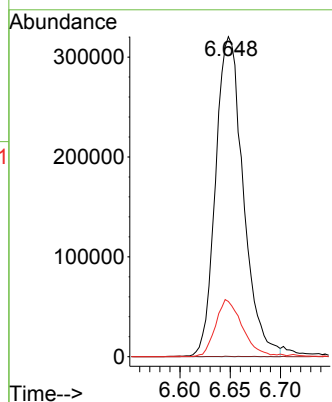
Tgt Ion: 63 Resp: 613799

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.2 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.006 min

Lab File: VL041538.D

Acq: 13 Aug 2024 7:36

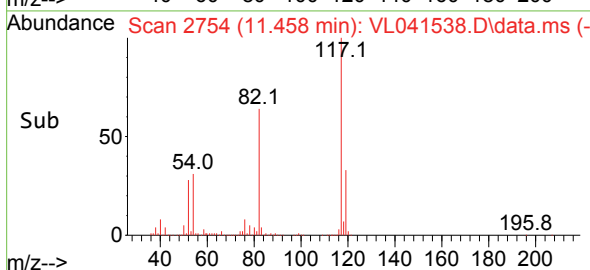
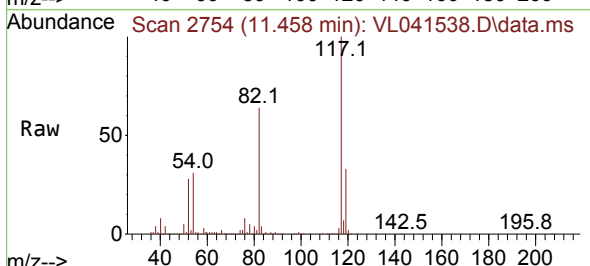
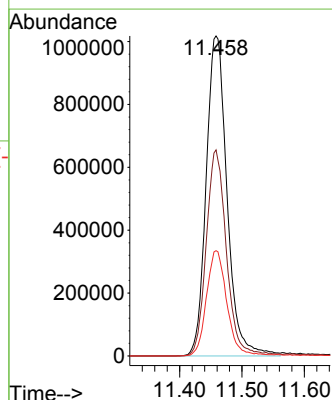
Tgt Ion: 117 Resp: 2369899

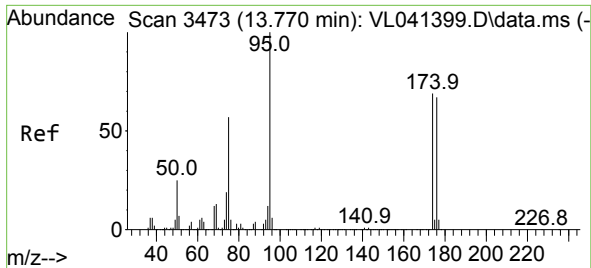
Ion Ratio Lower Upper

117 100

82 62.9 51.0 76.6

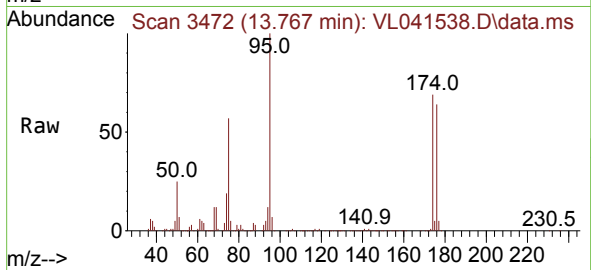
119 32.8 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.821 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VL041538.D
 Acq: 13 Aug 2024 7:36

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1791058

Ion	Ratio	Lower	Upper
95	100		
174	70.6	56.3	84.5
175	5.1	4.0	6.0

