

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041579.D
 Acq On : 22 Aug 2024 9:23
 Operator : SY/MD
 Sample : VL08222ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 23 01:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

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

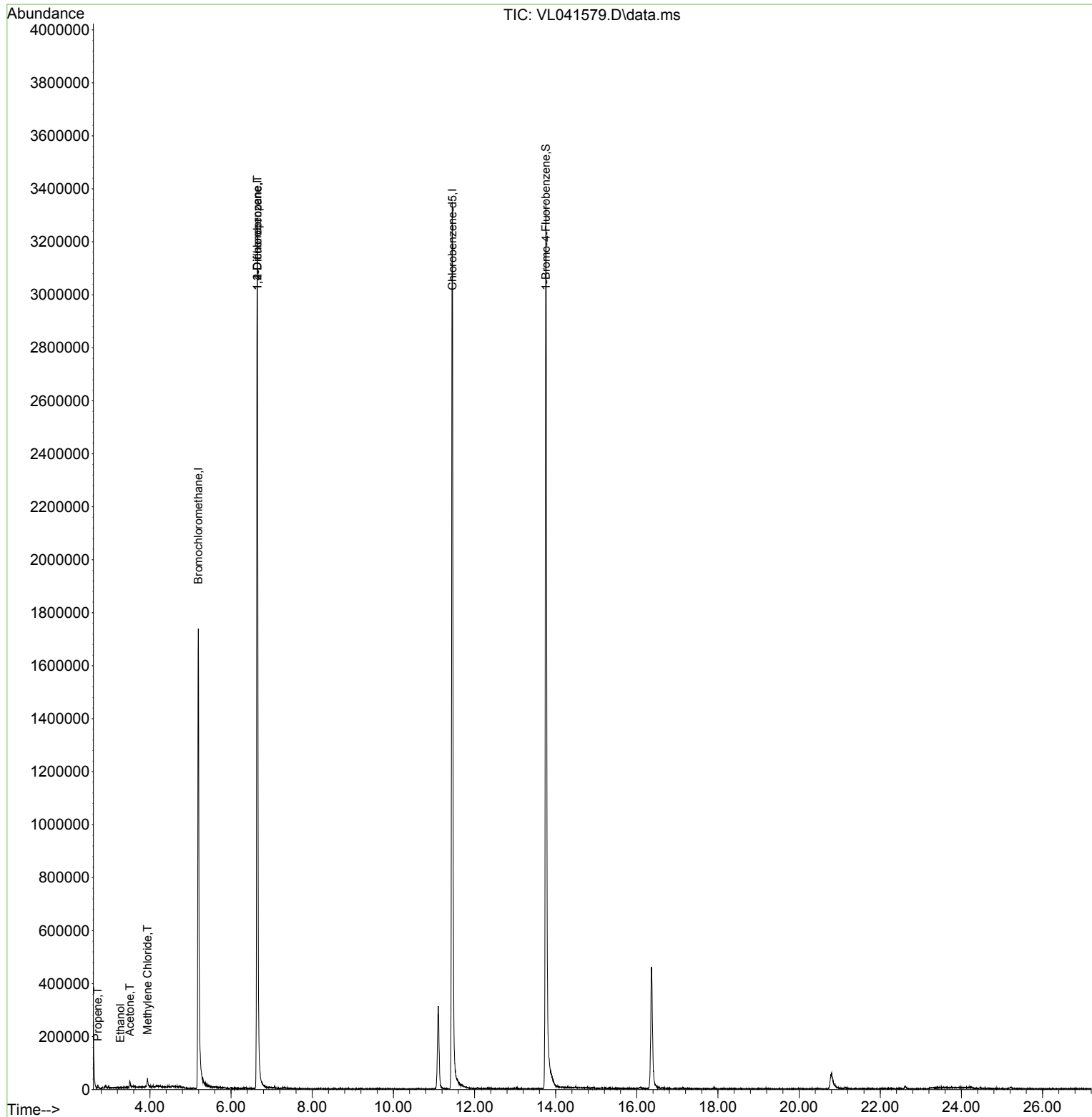
Internal Standards						
1) Bromochloromethane	5.192	49	940552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2501667	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2239934	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1688145	9.793	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
9) Propene	2.710	41	2031	0.039	ppbv #	15
13) Ethanol	3.272	45	359	0.078	ppbv #	18
15) Acetone	3.504	43	25075	0.235	ppbv #	82
20) Methylene Chloride	3.944	84	3523	0.088	ppbv	85
39) 1,2-Dichloropropane	6.645	63	620550	8.867	ppbv #	25

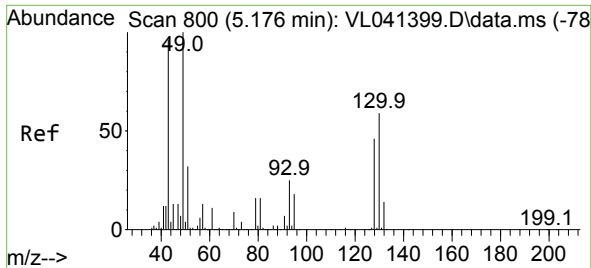
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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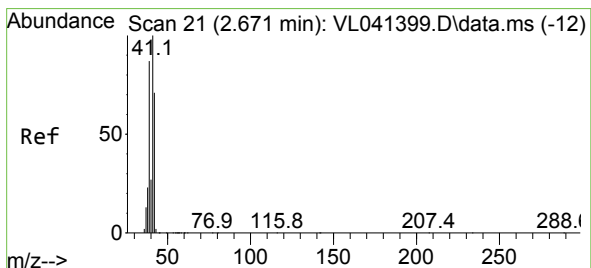
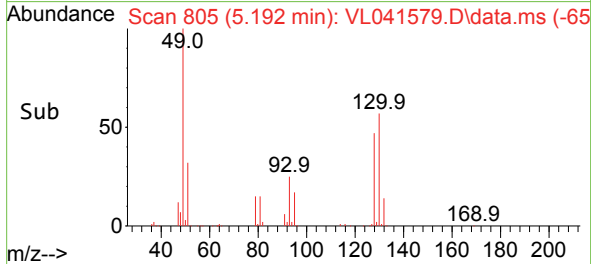
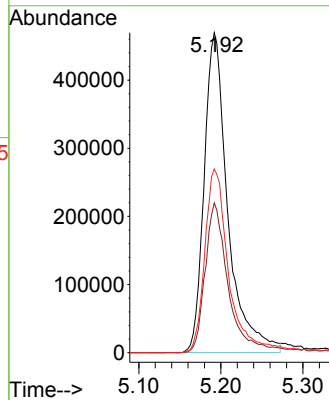
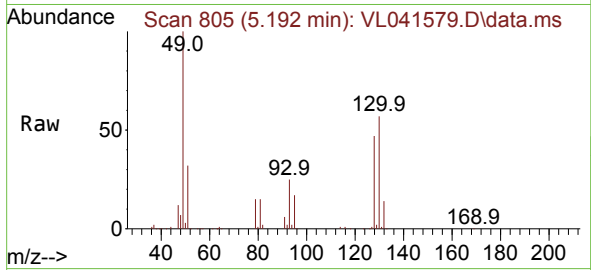




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

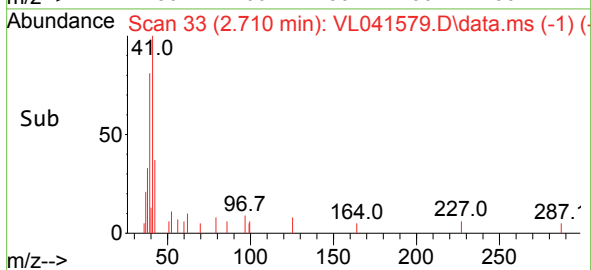
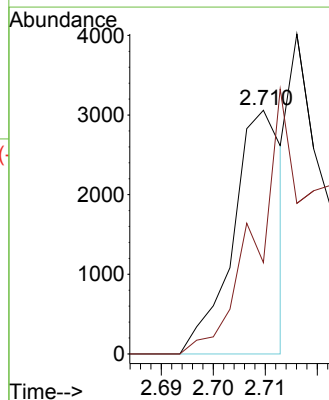
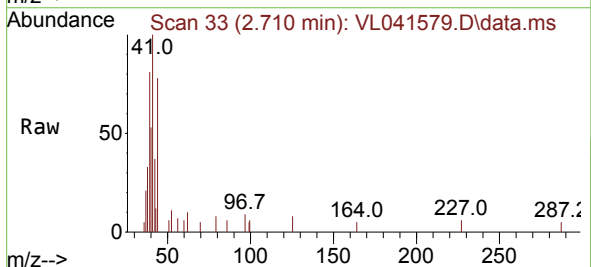
Instrument :
MSVOA_L
ClientSampleId :

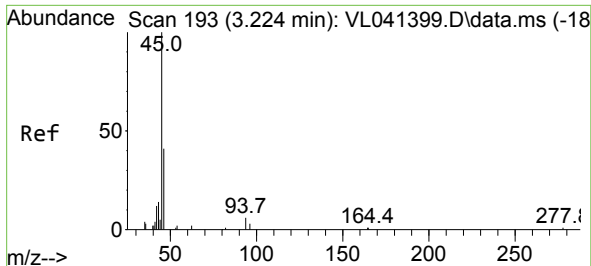
Tgt Ion: 49 Resp: 940552
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.8 30.8 92.4



#9
Propene
Concen: 0.039 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Tgt Ion: 41 Resp: 2031
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#

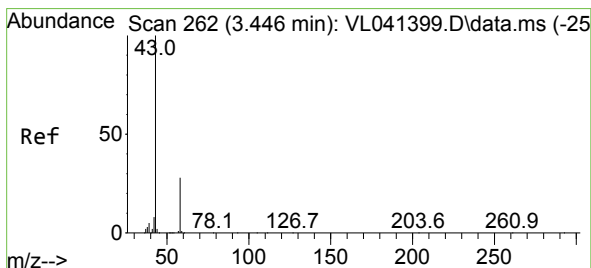
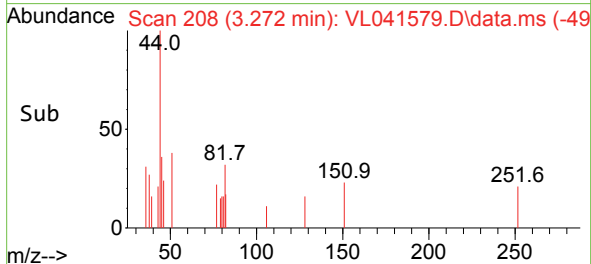
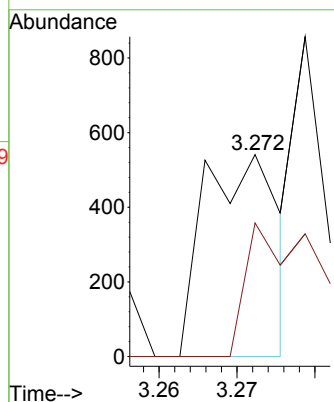
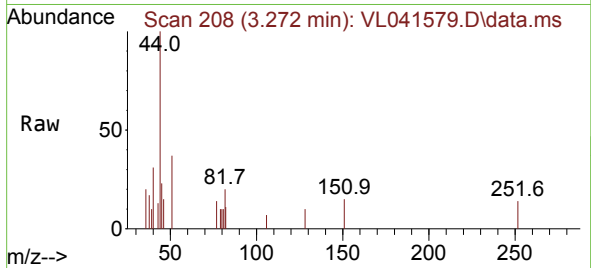




#13
 Ethanol
 Concen: 0.078 ppbv
 RT: 3.272 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL041579.D
 Acq: 22 Aug 2024 9:23

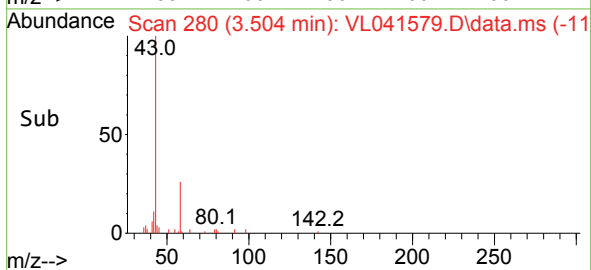
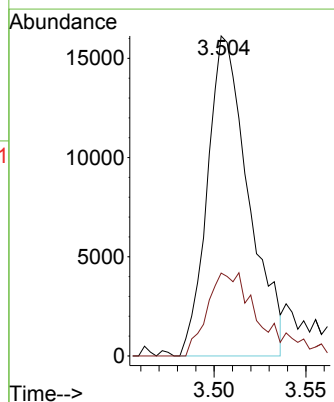
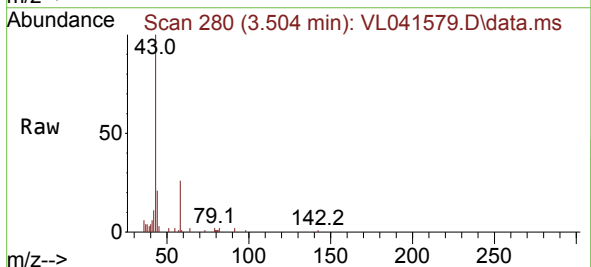
Instrument :
 MSVOA_L
 ClientSampleId :

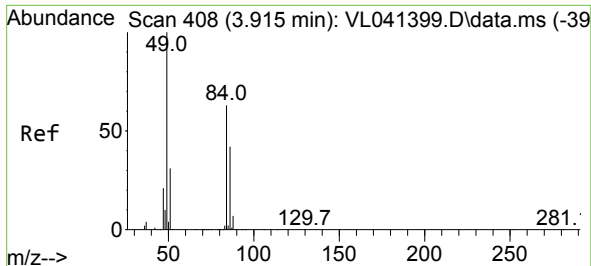
Tgt Ion: 45 Resp: 359
 Ion Ratio Lower Upper
 45 100
 46 79.9 13.4 53.4#



#15
 Acetone
 Concen: 0.235 ppbv
 RT: 3.504 min Scan# 280
 Delta R.T. 0.026 min
 Lab File: VL041579.D
 Acq: 22 Aug 2024 9:23

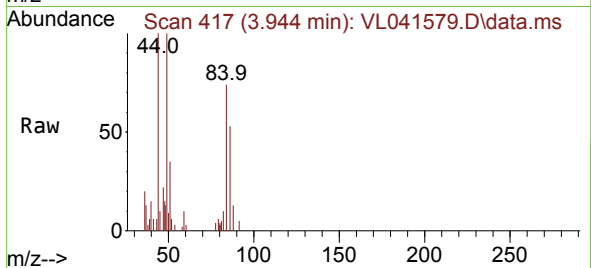
Tgt Ion: 43 Resp: 25075
 Ion Ratio Lower Upper
 43 100
 58 36.3 21.4 32.2#



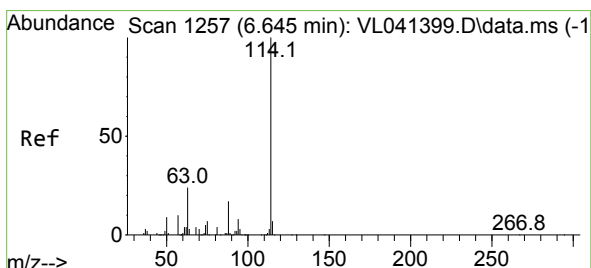
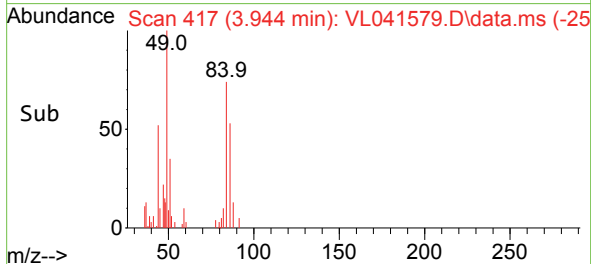
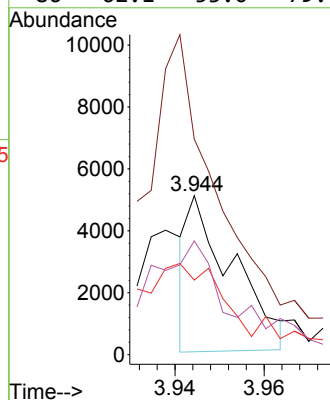


#20
Methylene Chloride
Concen: 0.088 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Instrument :
MSVOA_L
ClientSampleId :

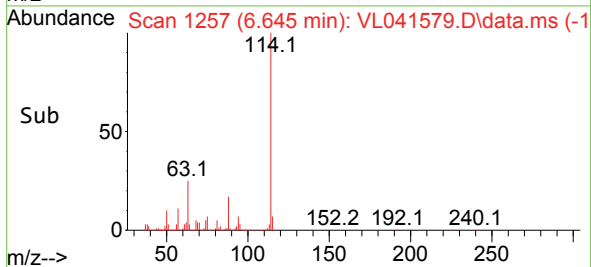
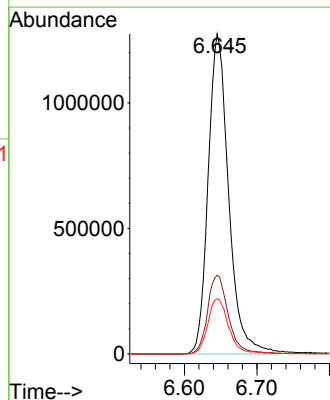
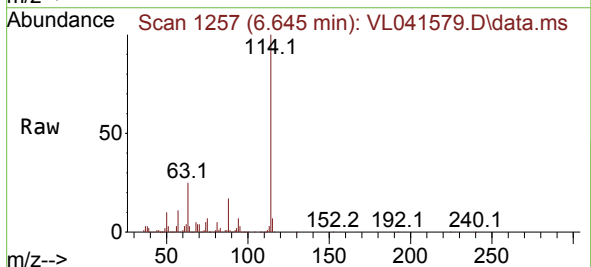


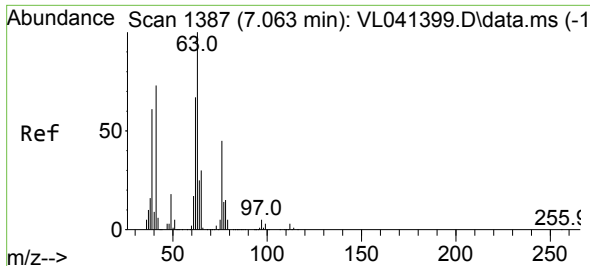
Tgt Ion:	84	Resp:	3523
Ion	Ratio	Lower	Upper
84	100		
49	132.5	126.6	190.0
51	56.4	38.6	58.0
86	62.1	53.0	79.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Tgt Ion:	114	Resp:	2501667
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.3	30.5
88	17.7	14.3	21.5





#39

1,2-Dichloropropane

Concen: 8.867 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.424 min

Lab File: VL041579.D

Acq: 22 Aug 2024 9:23

Instrument :

MSVOA_L

ClientSampleId :

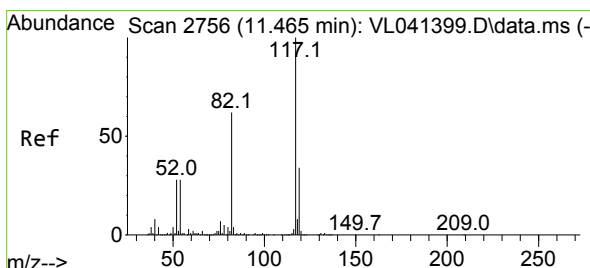
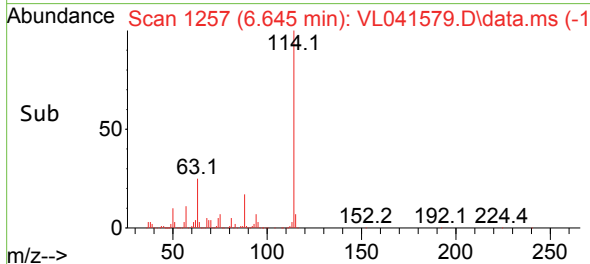
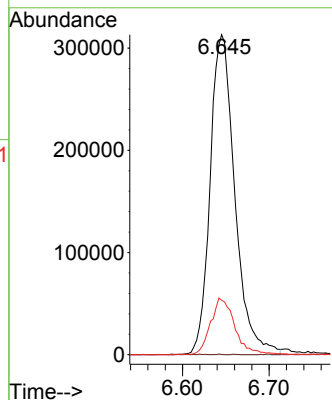
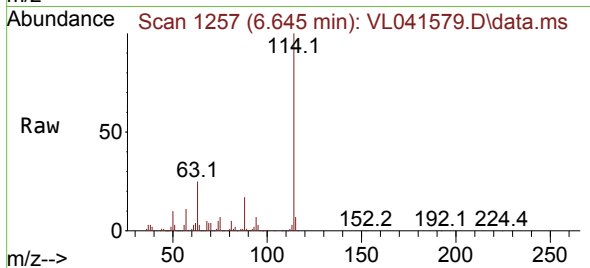
Tgt Ion: 63 Resp: 620550

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.0 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.003 min

Lab File: VL041579.D

Acq: 22 Aug 2024 9:23

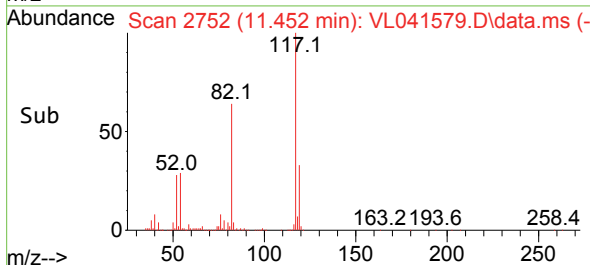
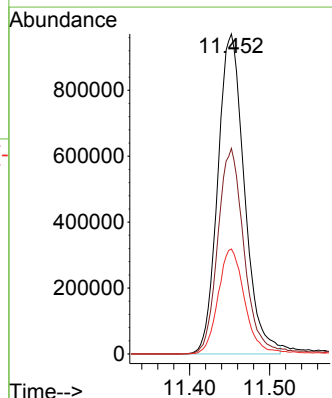
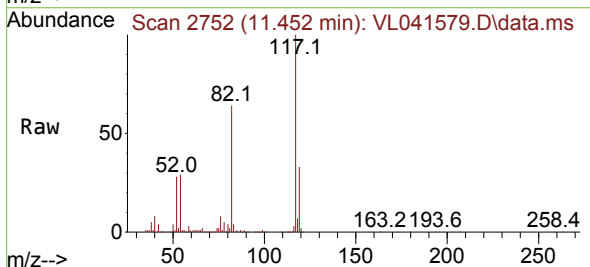
Tgt Ion: 117 Resp: 2239934

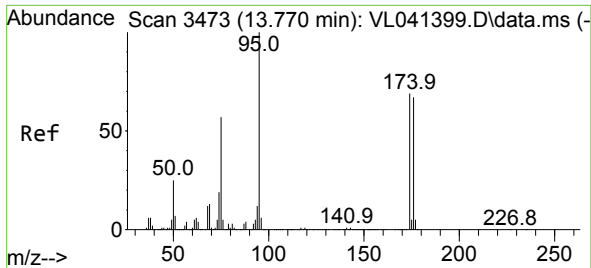
Ion Ratio Lower Upper

117 100

82 65.1 51.0 76.6

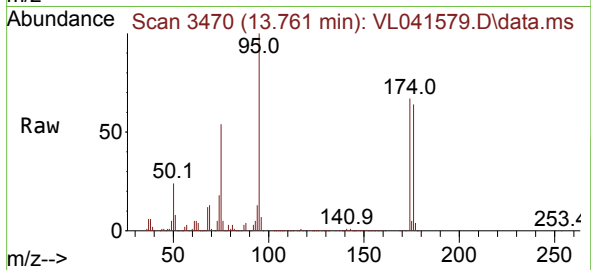
119 33.7 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.793 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL041579.D
 Acq: 22 Aug 2024 9:23

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1688145
 Ion Ratio Lower Upper
 95 100
 174 71.0 56.3 84.5
 175 5.2 4.0 6.0

