

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039752.D
 Acq On : 21 Oct 2022 20:36
 Operator : SY/AP
 Sample : 10266-40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Quant Time: Oct 22 04:26:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

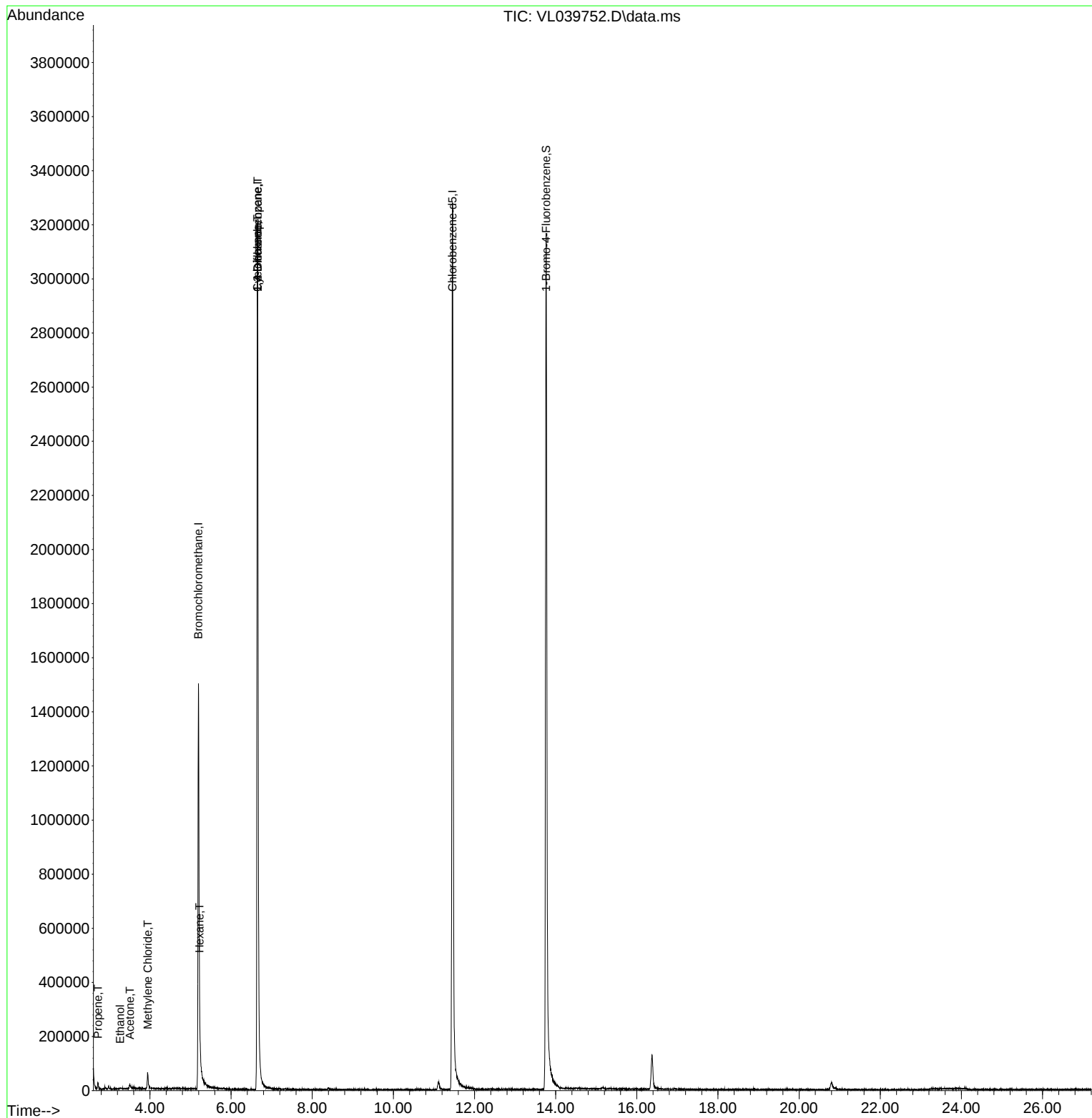
Internal Standards						
1) Bromochloromethane	5.195	49	868099	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2548618	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2213534	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1540313	9.803	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	5113	0.101	ppbv	92
13) Ethanol	3.266	45	952	0.277	ppbv #	1
15) Acetone	3.504	43	13087	0.125	ppbv #	87
20) Methylene Chloride	3.947	84	17921	0.425	ppbv	94
26) Hexane	5.224	57	3341	0.039	ppbv #	1
30) Cyclohexane	6.648	84	6500	0.090	ppbv #	1
39) 1,2-Dichloropropane	6.651	63	612149	8.296	ppbv #	24

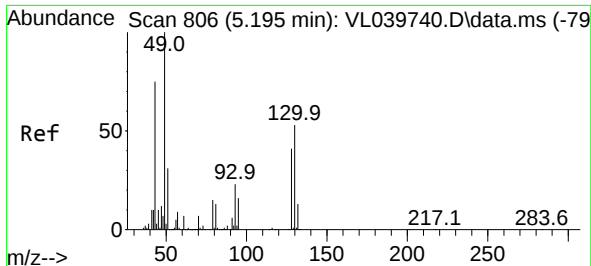
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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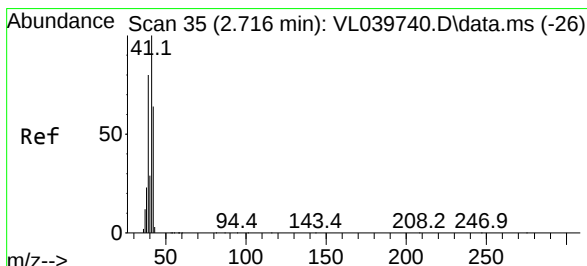
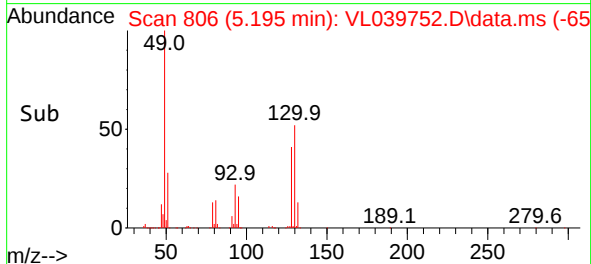
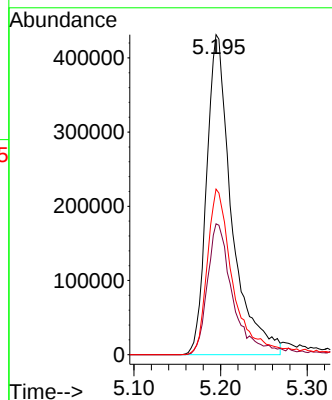
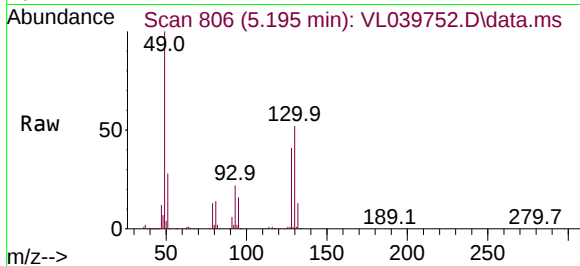




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

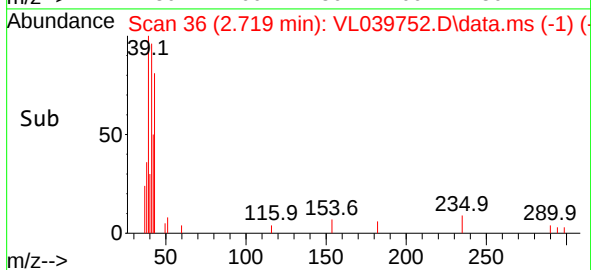
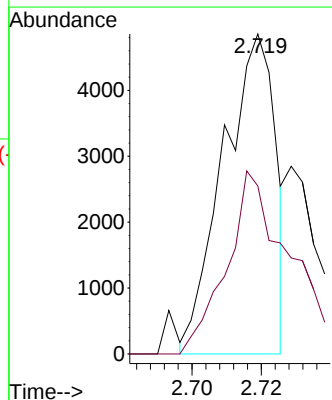
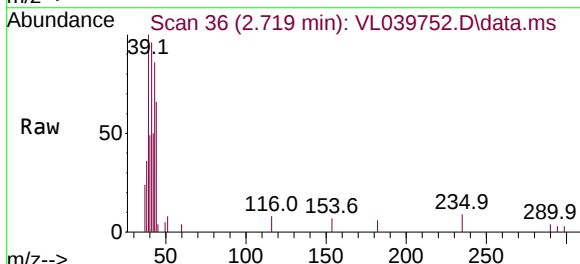
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

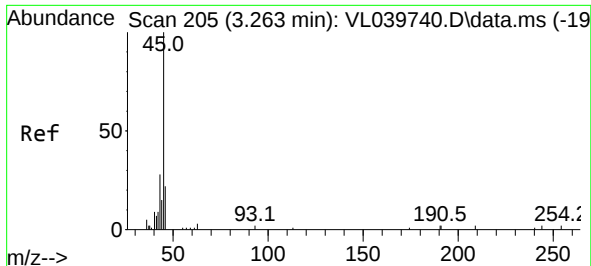
Tgt Ion: 49 Resp: 868099
Ion Ratio Lower Upper
49 100
128 43.4 22.6 67.8
130 55.9 29.0 87.0



#9
Propene
Concen: 0.101 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

Tgt Ion: 41 Resp: 5113
Ion Ratio Lower Upper
41 100
42 74.3 54.4 81.6

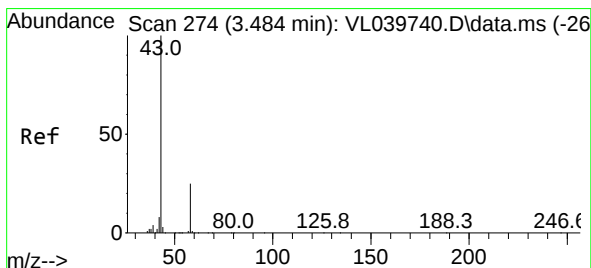
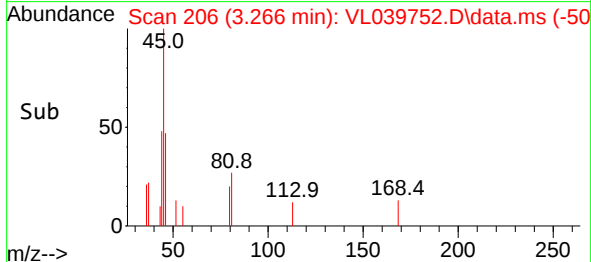
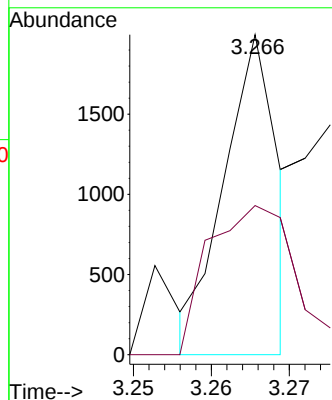
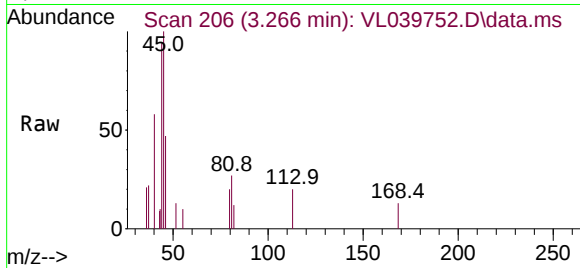




#13
 Ethanol
 Concen: 0.277 ppbv
 RT: 3.266 min Scan# 205
 Delta R.T. 0.003 min
 Lab File: VL039752.D
 Acq: 21 Oct 2022 20:36

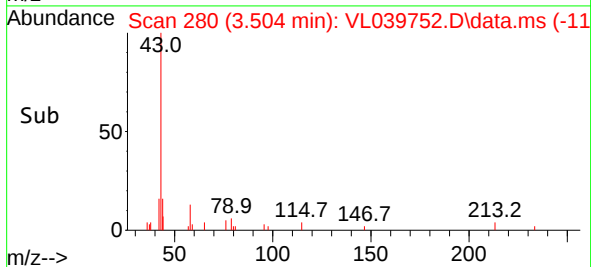
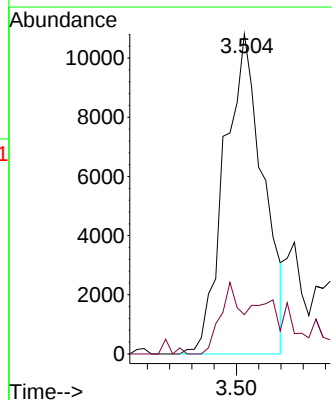
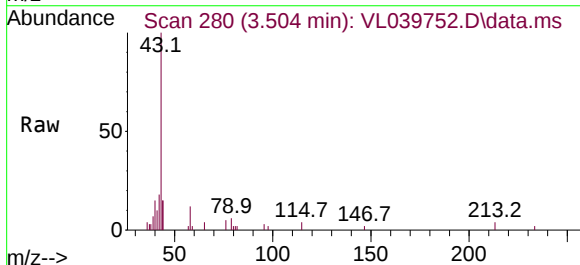
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

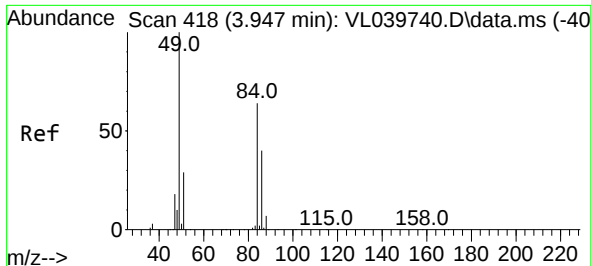
Tgt Ion: 45 Resp: 952
 Ion Ratio Lower Upper
 45 100
 46 102.9 14.8 59.2#



#15
 Acetone
 Concen: 0.125 ppbv
 RT: 3.504 min Scan# 280
 Delta R.T. 0.019 min
 Lab File: VL039752.D
 Acq: 21 Oct 2022 20:36

Tgt Ion: 43 Resp: 13087
 Ion Ratio Lower Upper
 43 100
 58 32.6 20.9 31.3#



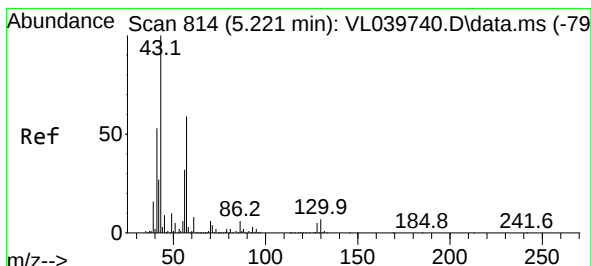
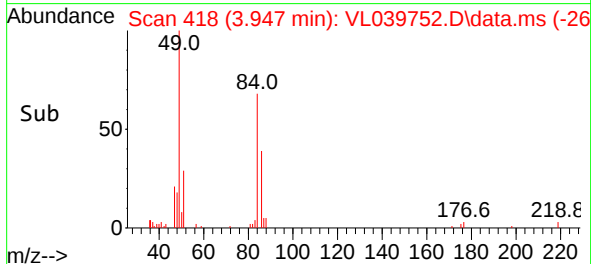
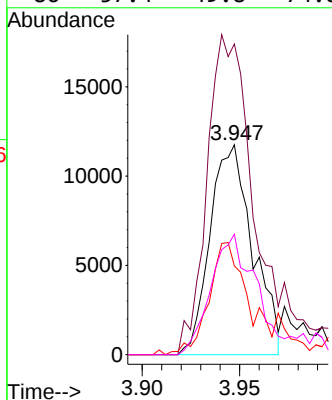
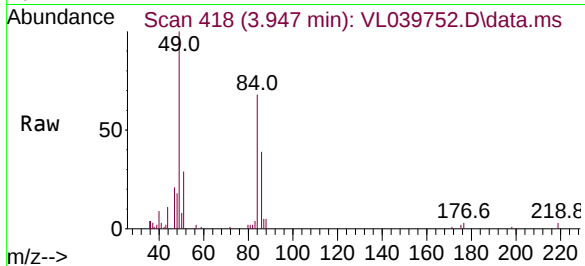


#20
Methylene Chloride
Concen: 0.425 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 84 Resp: 17921

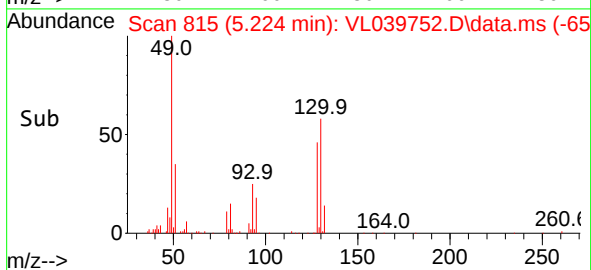
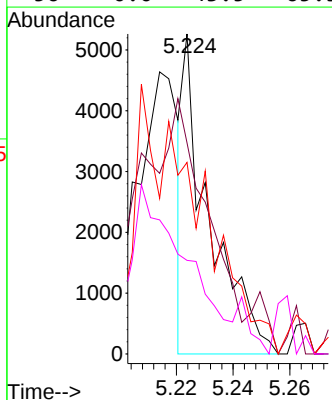
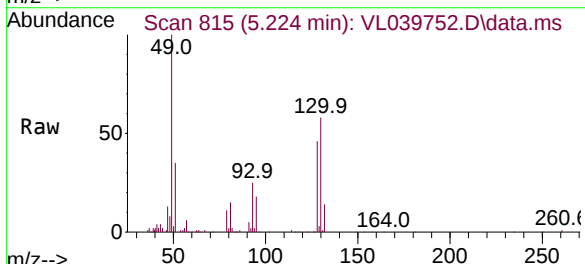
Ion	Ratio	Lower	Upper
84	100		
49	148.0	124.2	186.4
51	40.7	36.6	54.8
86	57.4	49.8	74.8

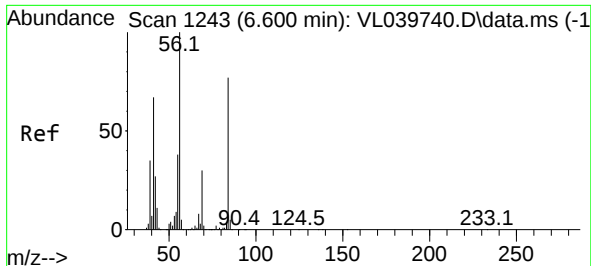


#26
Hexane
Concen: 0.039 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

Tgt Ion: 57 Resp: 3341

Ion	Ratio	Lower	Upper
57	100		
41	231.6	76.8	115.2#
43	0.0	201.0	301.4#
56	0.0	43.5	65.3#

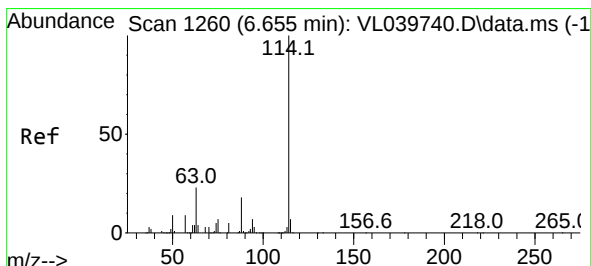
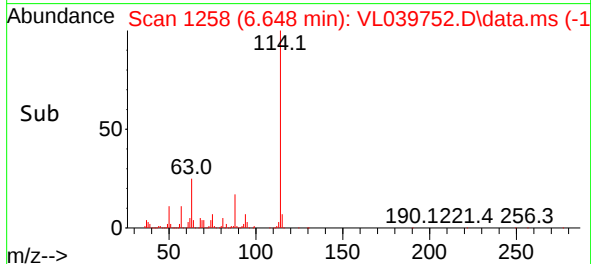
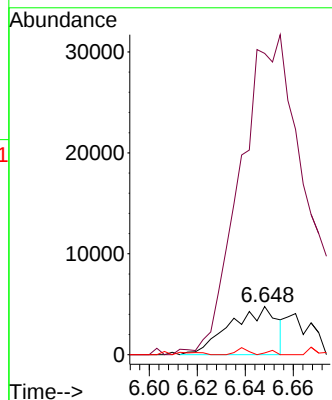
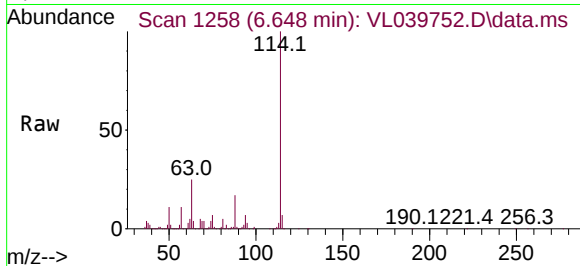




#30
Cyclohexane
Concen: 0.090 ppbv
RT: 6.648 min Scan# 11
Delta R.T. 0.048 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

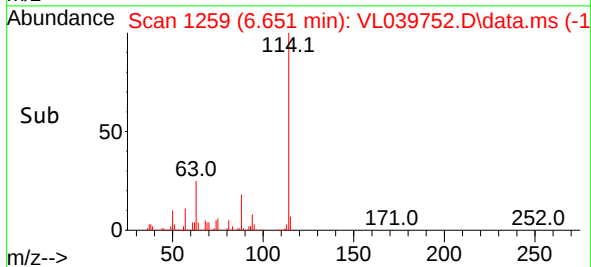
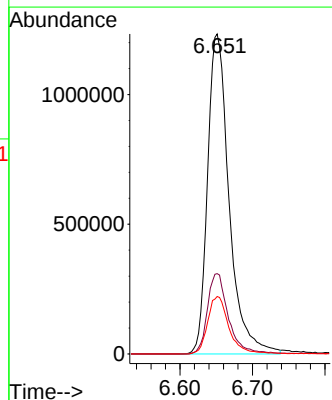
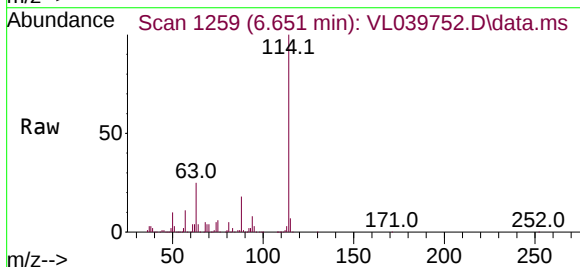
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

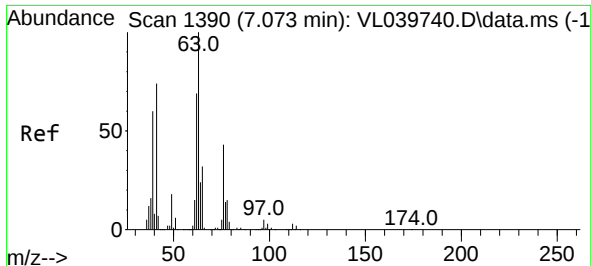
Tgt Ion: 84 Resp: 6500
Ion Ratio Lower Upper
84 100
56 0.0 114.2 171.4#
41 8.8 74.2 111.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL039752.D
Acq: 21 Oct 2022 20:36

Tgt Ion: 114 Resp: 2548618
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 18.0 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.296 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL039752.D

Acq: 21 Oct 2022 20:36

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

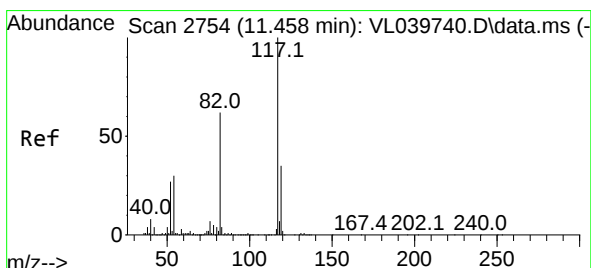
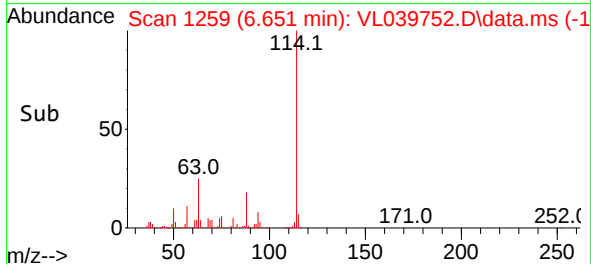
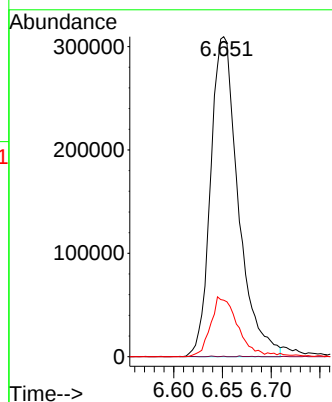
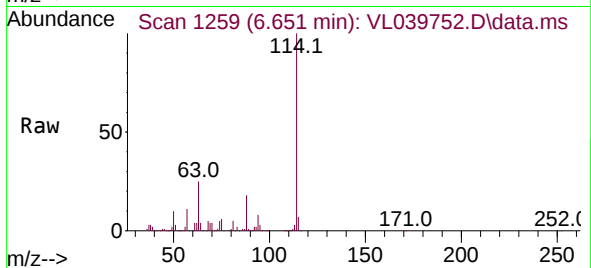
Tgt Ion: 63 Resp: 612149

Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 17.7 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.000 min

Lab File: VL039752.D

Acq: 21 Oct 2022 20:36

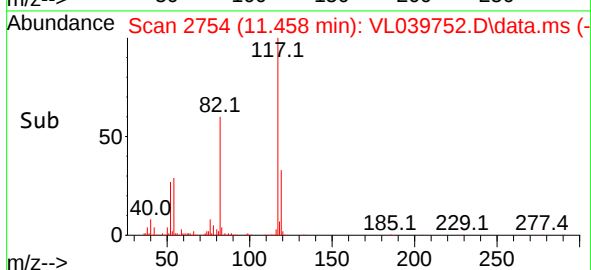
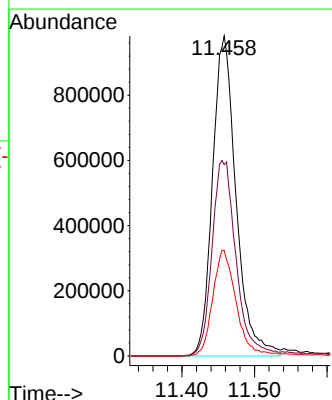
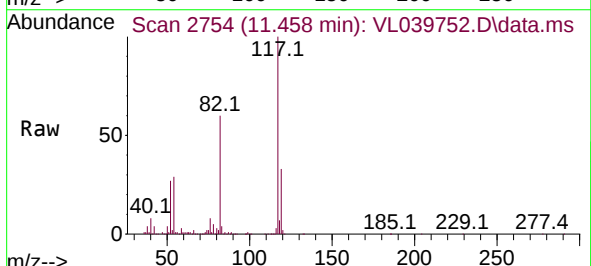
Tgt Ion: 117 Resp: 2213534

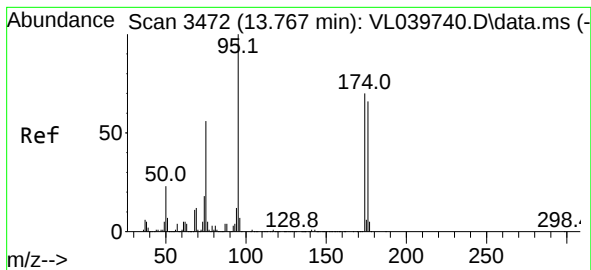
Ion Ratio Lower Upper

117 100

82 65.0 51.4 77.0

119 33.5 24.6 36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.803 ppbv
 RT: 13.764 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039752.D
 Acq: 21 Oct 2022 20:36

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tgt Ion: 95 Resp: 1540313
 Ion Ratio Lower Upper
 95 100
 174 74.3 56.5 84.7
 175 5.4 4.2 6.4

