

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042104.D
 Acq On : 05 Mar 2025 14:57
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 06 01:08:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

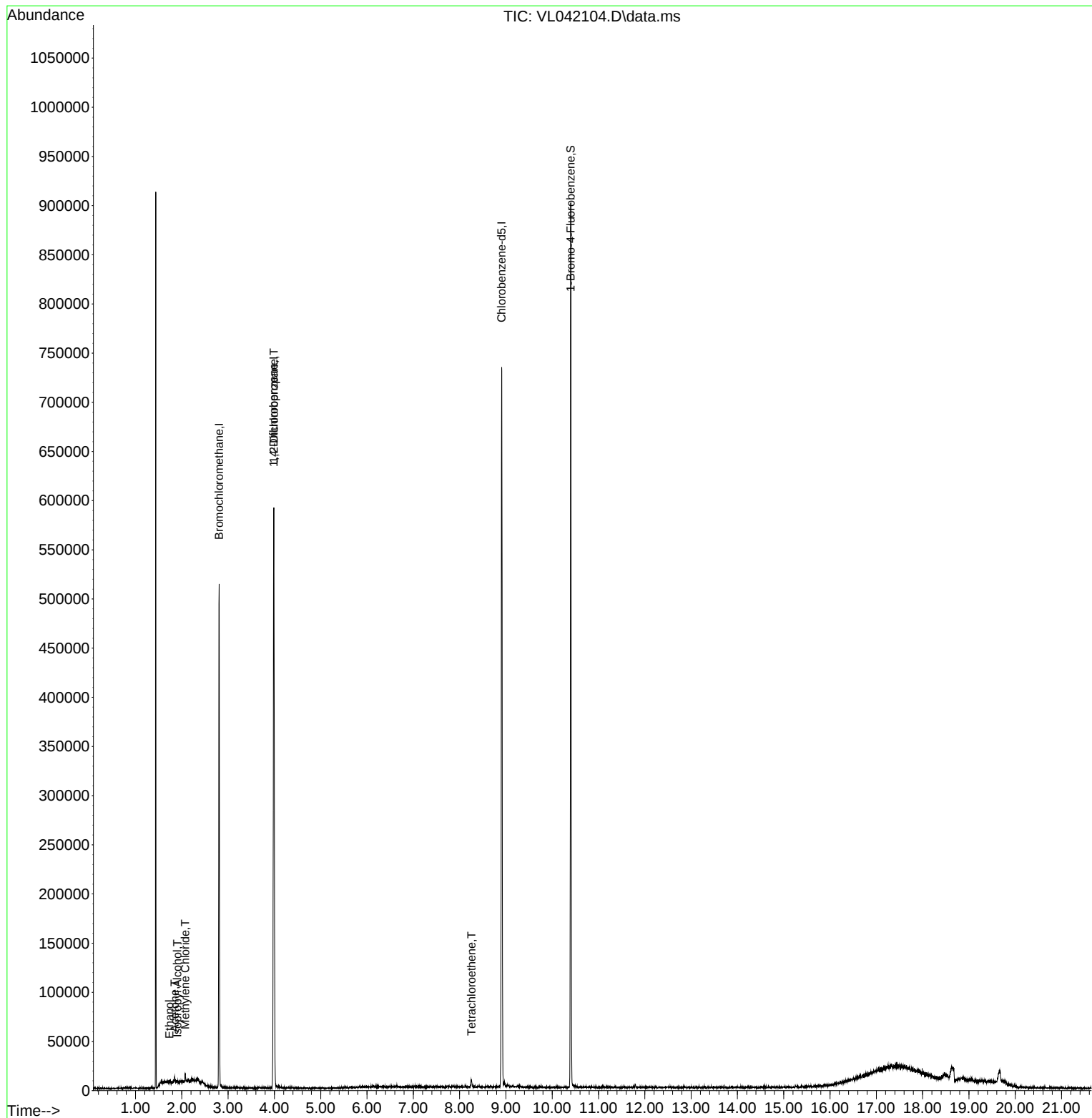
Internal Standards						
1) Bromochloromethane	2.806	49	154051	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.985	114	349750	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.908	117	287799	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.400	95	215806	9.747	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
13) Ethanol	1.735	45	607	1.048	ppbv #	33
15) Acetone	1.845	43	2158	0.159	ppbv #	86
19) Isopropyl Alcohol	1.900	45	876	0.112	ppbv #	32
20) Methylene Chloride	2.075	84	1158	0.225	ppbv #	87
39) 1,2-Dichloropropane	3.988	63	90787	6.533	ppbv #	23
52) Tetrachloroethene	8.257	164	788	0.063	ppbv #	66

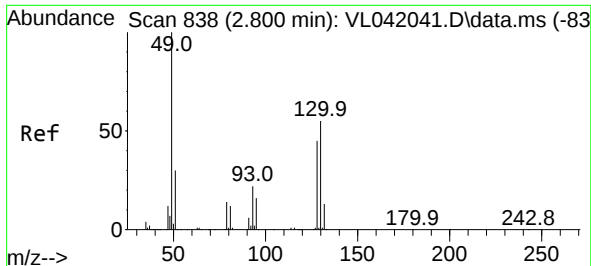
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042104.D
Acq On : 05 Mar 2025 14:57
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 06 01:08:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

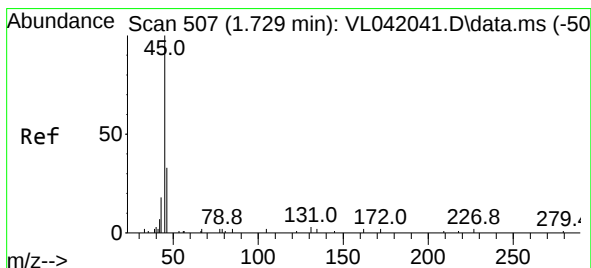
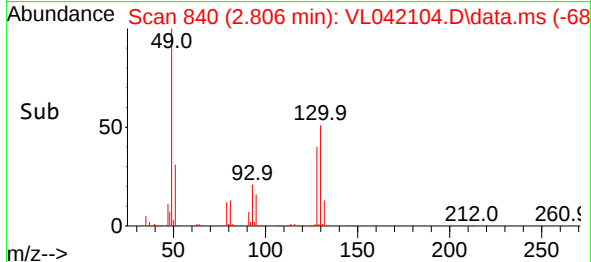
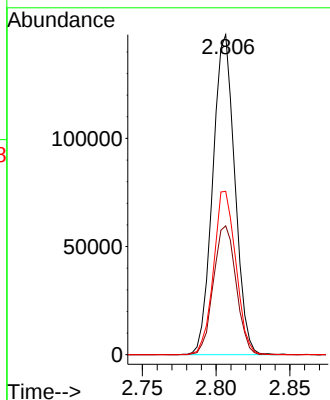
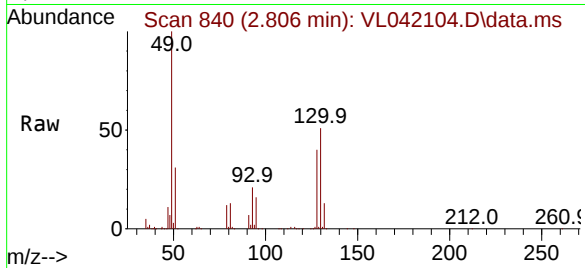




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

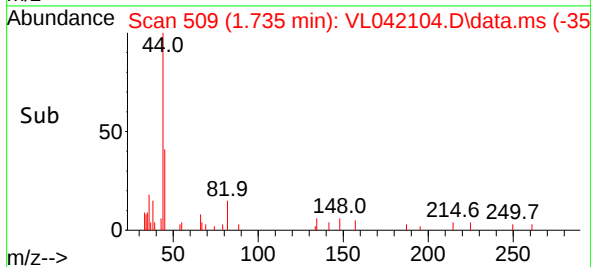
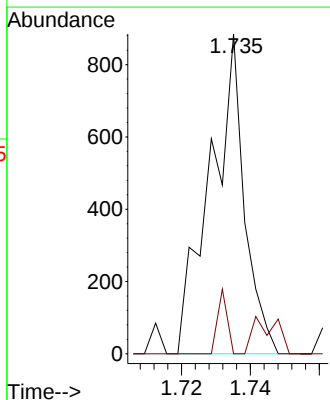
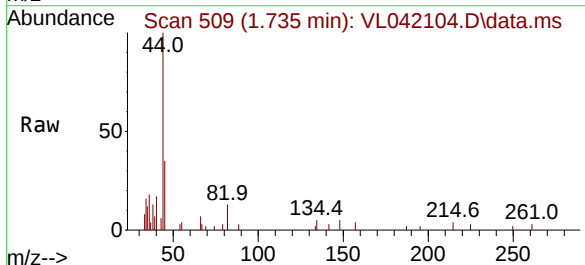
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

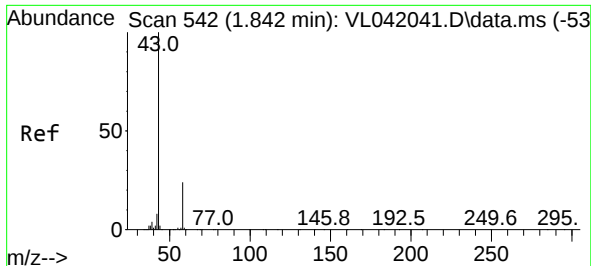
Tgt Ion: 49 Resp: 154051
Ion Ratio Lower Upper
49 100
128 41.4 21.6 64.8
130 51.7 27.8 83.4



#13
Ethanol
Concen: 1.048 ppbv
RT: 1.735 min Scan# 509
Delta R.T. 0.006 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

Tgt Ion: 45 Resp: 607
Ion Ratio Lower Upper
45 100
46 0.0 17.1 68.3#

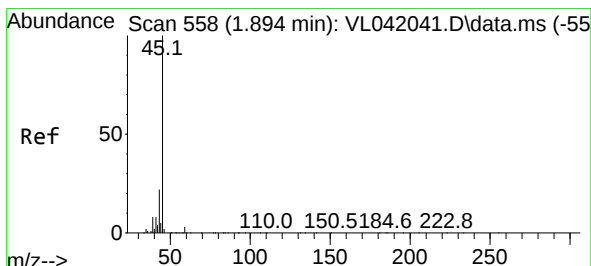
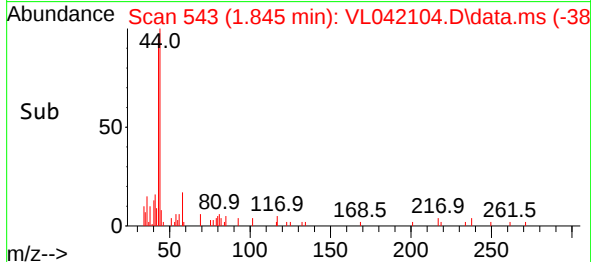
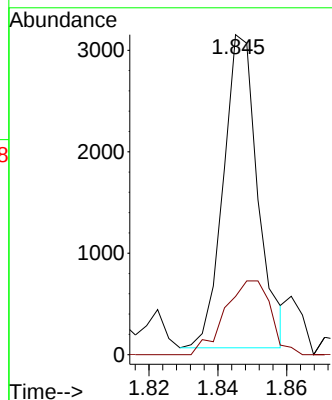
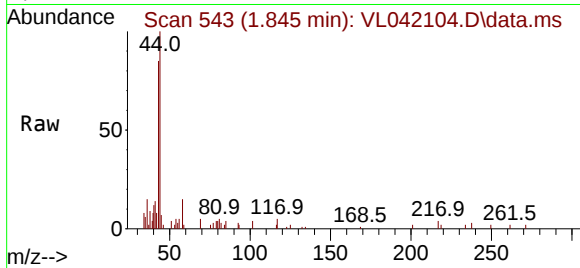




#15
Acetone
Concen: 0.159 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

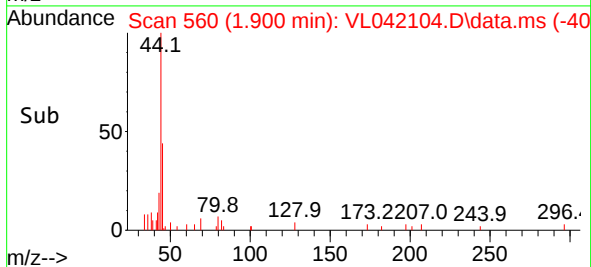
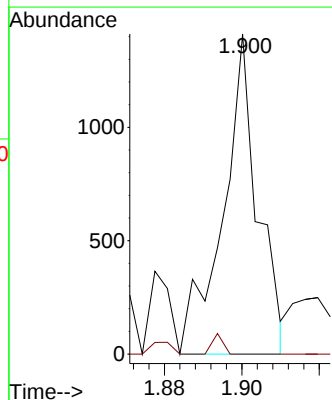
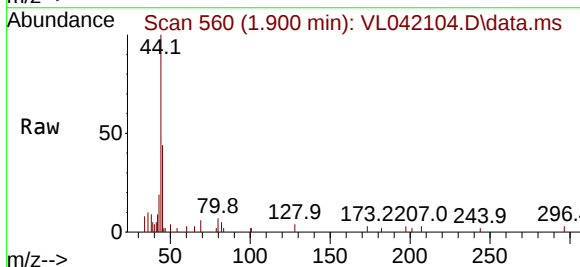
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

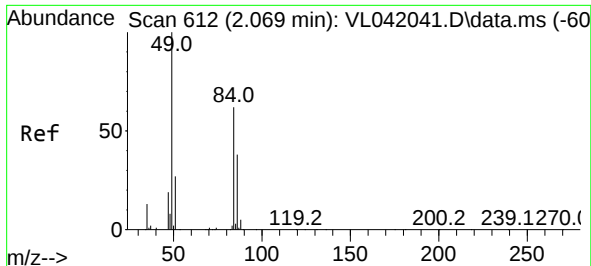
Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 32.9 20.7 31.1#



#19
Isopropyl Alcohol
Concen: 0.112 ppbv
RT: 1.900 min Scan# 560
Delta R.T. 0.006 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

Tgt Ion: 45 Resp: 876
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#

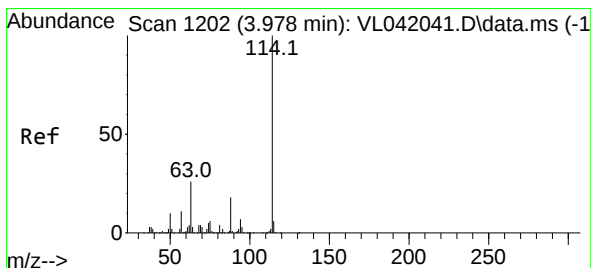
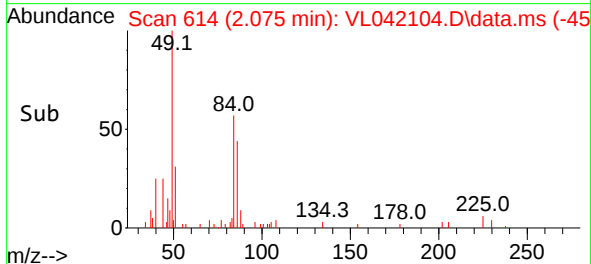
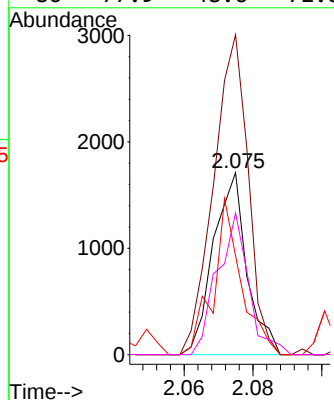
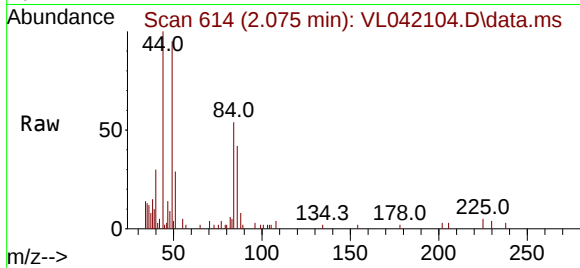




#20
Methylene Chloride
Concen: 0.225 ppbv
RT: 2.075 min Scan# 612
Delta R.T. 0.006 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

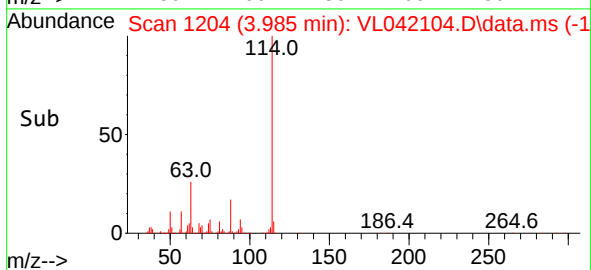
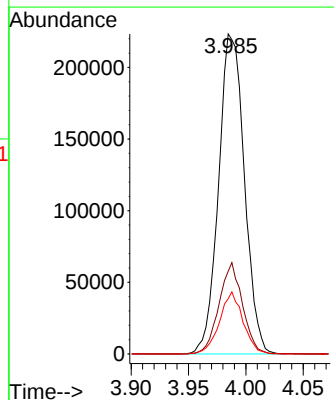
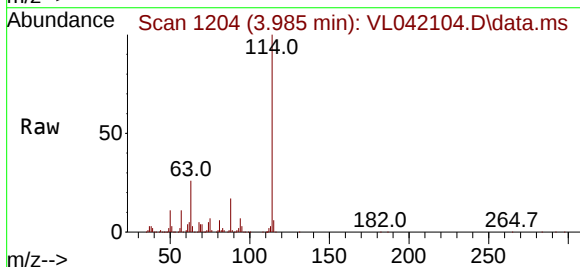
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

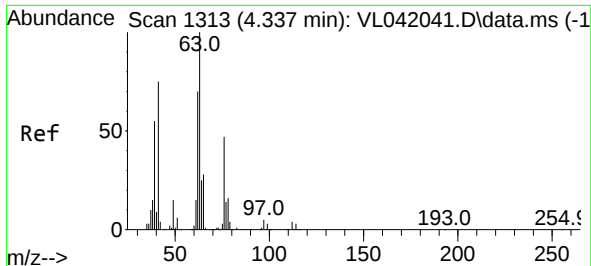
Tgt Ion: 84	Resp: 1158
Ion Ratio	Lower Upper
84 100	
49 175.7	130.0 195.0
51 54.2	37.4 56.0
86 77.9	48.6 72.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.985 min Scan# 1204
Delta R.T. 0.006 min
Lab File: VL042104.D
Acq: 05 Mar 2025 14:57

Tgt Ion:114	Resp: 349750
Ion Ratio	Lower Upper
114 100	
63 26.0	20.1 30.1
88 17.6	14.3 21.5





#39

1,2-Dichloropropane

Concen: 6.533 ppbv

RT: 3.988 min Scan# 11

Delta R.T. -0.350 min

Lab File: VL042104.D

Acq: 05 Mar 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

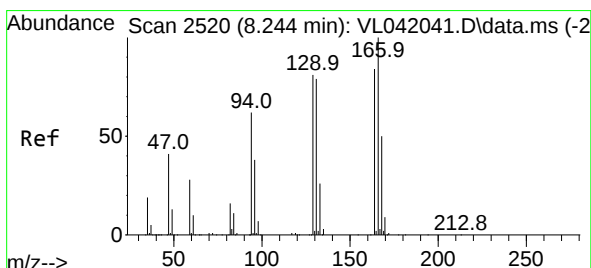
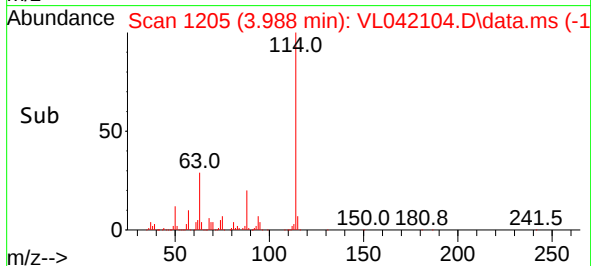
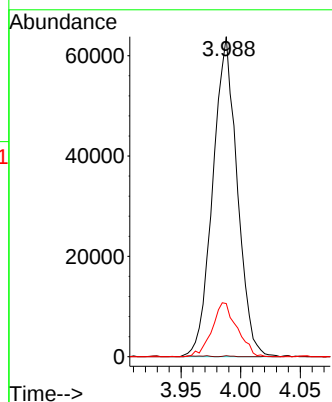
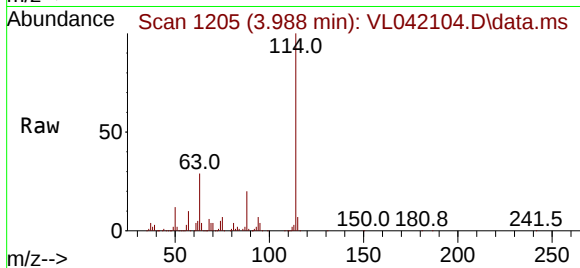
Tgt Ion: 63 Resp: 90787

Ion Ratio Lower Upper

63 100

41 0.3 60.1 90.1#

62 16.6 55.8 83.8#



#52

Tetrachloroethene

Concen: 0.063 ppbv

RT: 8.257 min Scan# 2524

Delta R.T. 0.013 min

Lab File: VL042104.D

Acq: 05 Mar 2025 14:57

Tgt Ion: 164 Resp: 788

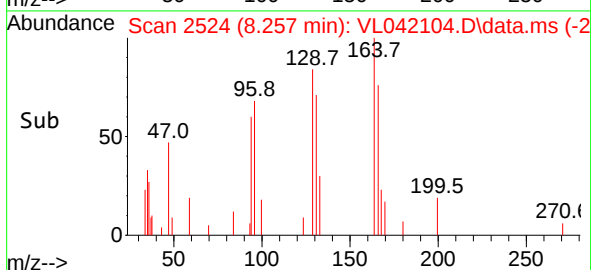
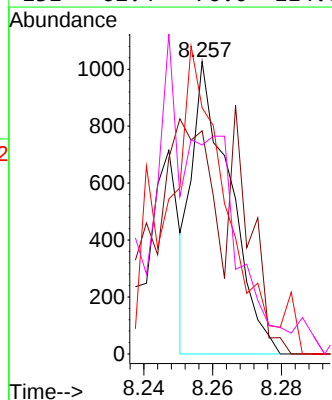
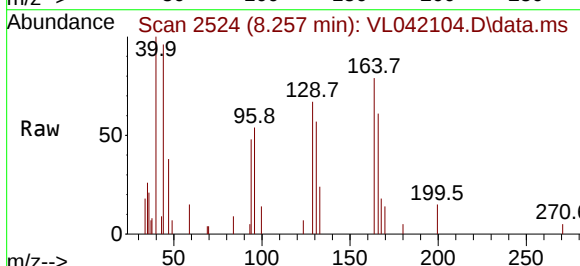
Ion Ratio Lower Upper

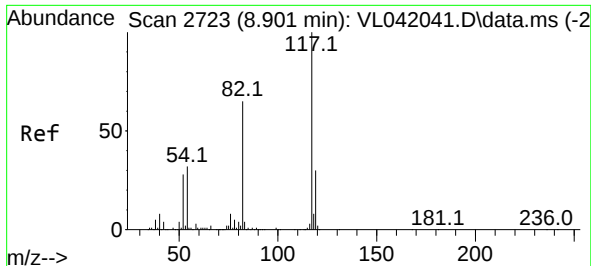
164 100

166 70.8 95.7 143.5#

129 75.2 77.1 115.7#

131 62.4 76.0 114.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.908 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042104.D

Acq: 05 Mar 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

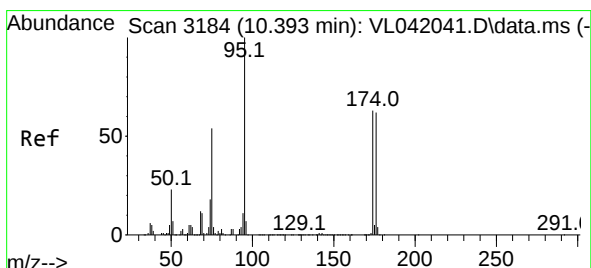
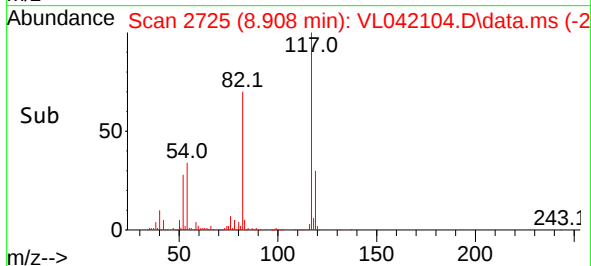
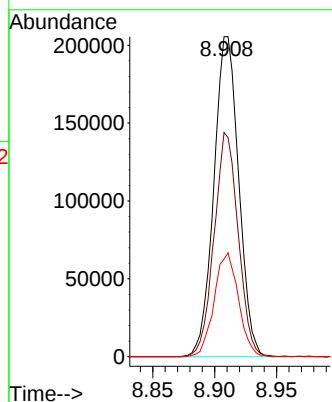
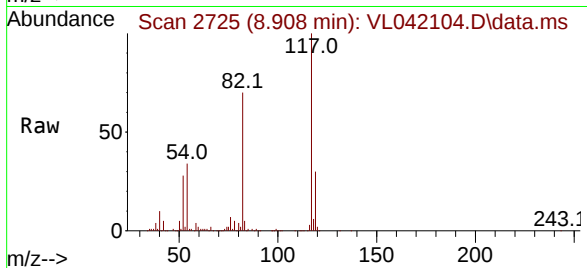
Tgt Ion:117 Resp: 287799

Ion Ratio Lower Upper

117 100

82 67.7 55.0 82.6

119 31.7 25.9 38.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.747 ppbv

RT: 10.400 min Scan# 3186

Delta R.T. 0.006 min

Lab File: VL042104.D

Acq: 05 Mar 2025 14:57

Tgt Ion: 95 Resp: 215806

Ion Ratio Lower Upper

95 100

174 60.3 51.8 77.6

175 4.3 3.9 5.9

