

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041235.D
 Acq On : 8 May 2024 9:24
 Operator : SY/MD
 Sample : VL0508ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0508ABL01

Quant Time: May 09 02:49:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

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

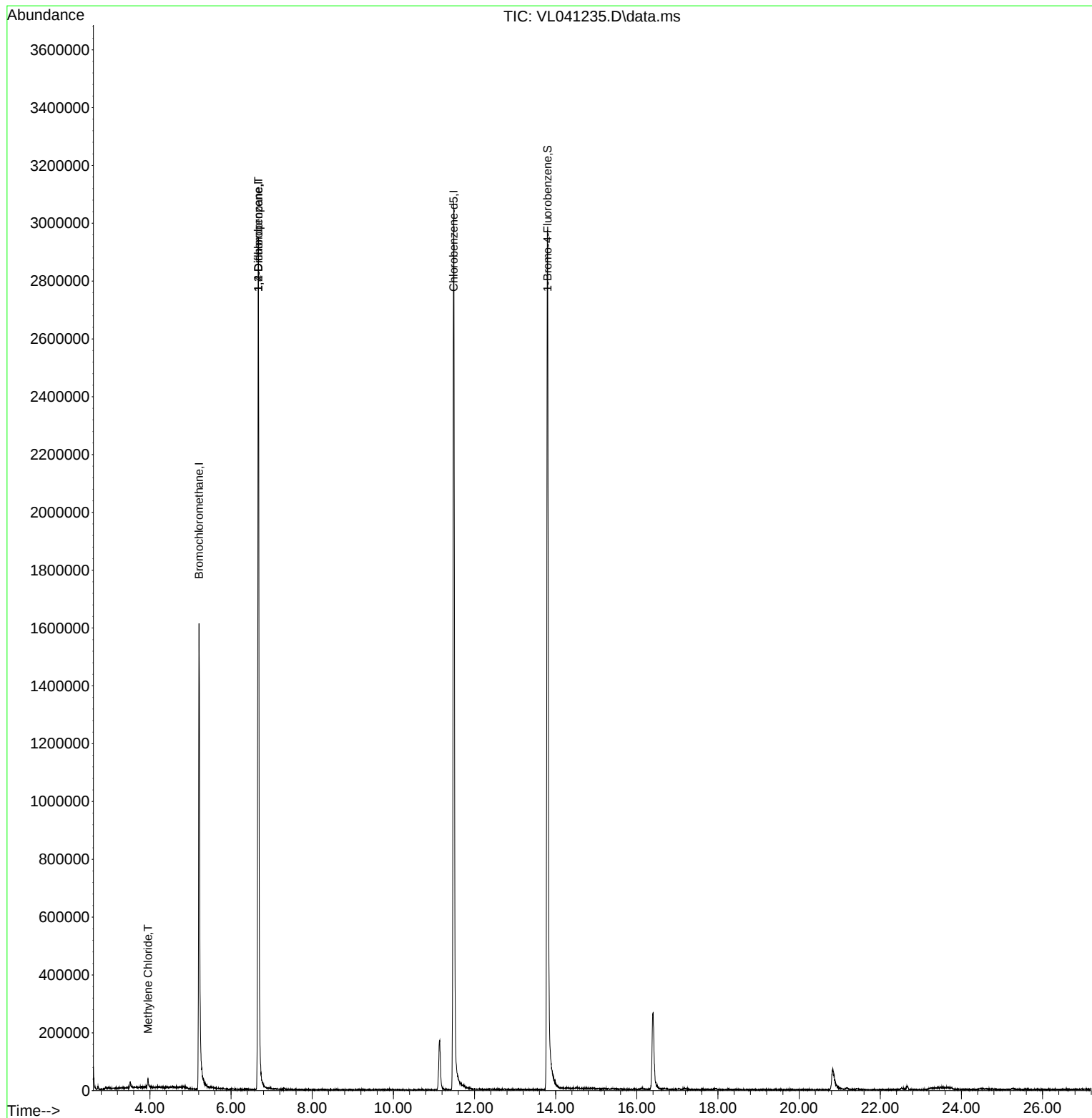
Internal Standards						
1) Bromochloromethane	5.211	49	832527	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2264275	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2067879	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1559681	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.951	84	8850	0.259	ppbv #	74
39) 1,2-Dichloropropane	6.671	63	561227	7.664	ppbv #	24

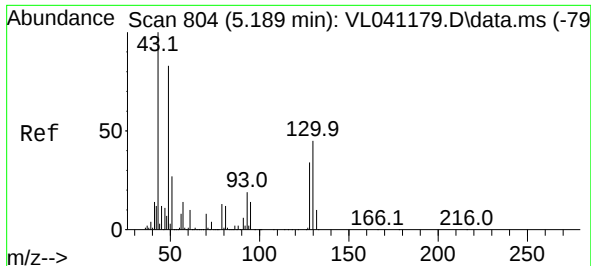
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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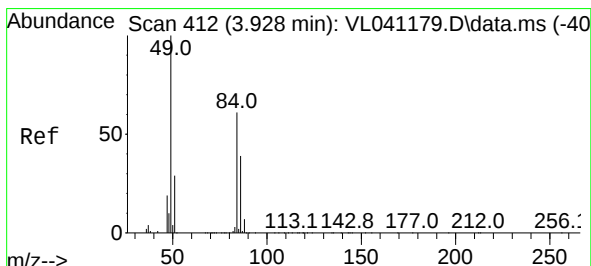
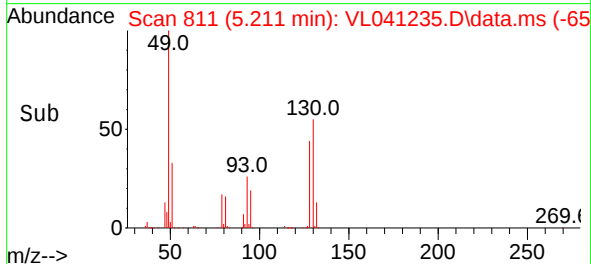
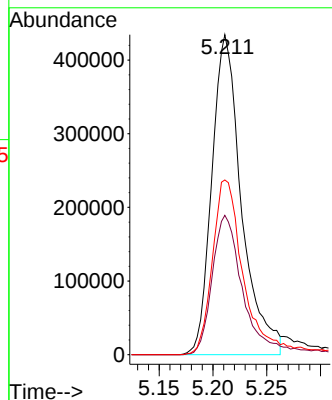
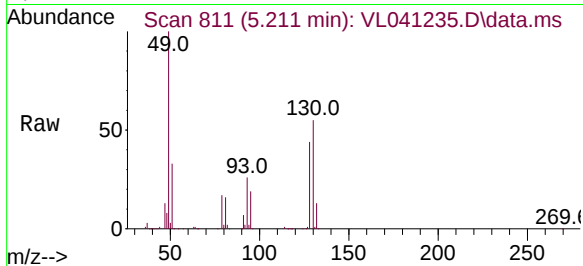




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041235.D
Acq: 8 May 2024 9:24

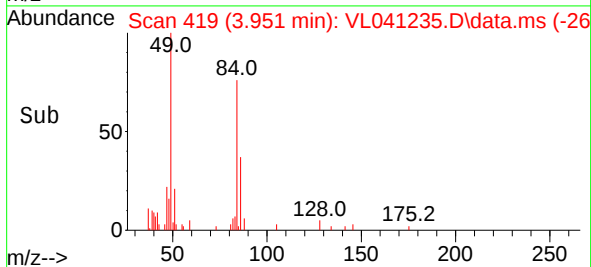
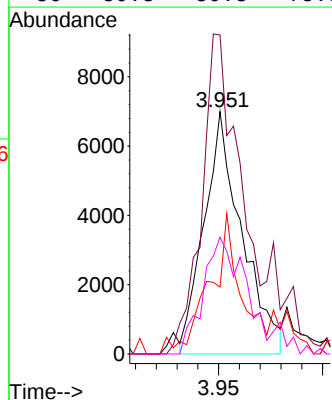
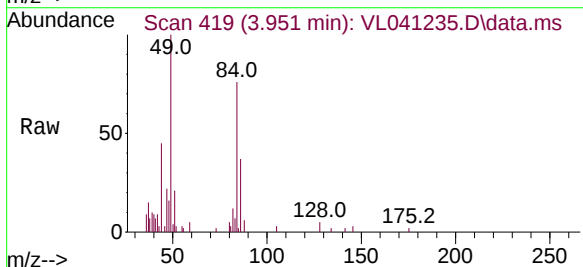
Instrument :
MSVOA_L
ClientSampleId :
VL0508ABL01

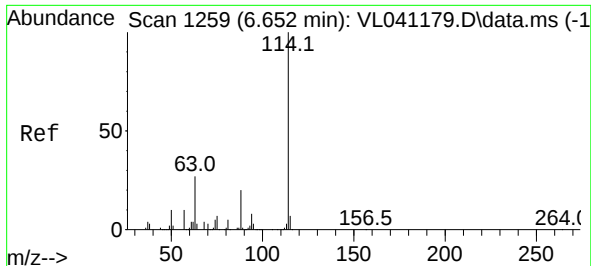
Tgt Ion: 49 Resp: 832527
Ion Ratio Lower Upper
49 100
128 47.5 21.5 64.5
130 59.4 27.2 81.6



#20
Methylene Chloride
Concen: 0.259 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041235.D
Acq: 8 May 2024 9:24

Tgt Ion: 84 Resp: 8850
Ion Ratio Lower Upper
84 100
49 124.2 130.4 195.6#
51 27.6 38.0 57.0#
86 50.3 50.3 75.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VL041235.D

Acq: 8 May 2024 9:24

Instrument :

MSVOA_L

ClientSampleId :

VL0508ABL01

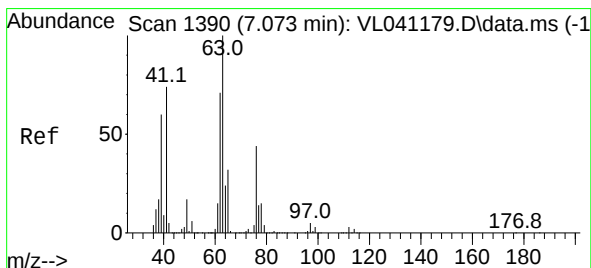
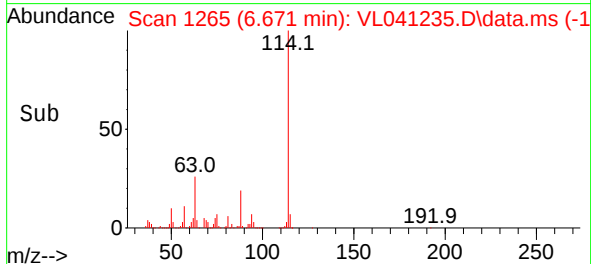
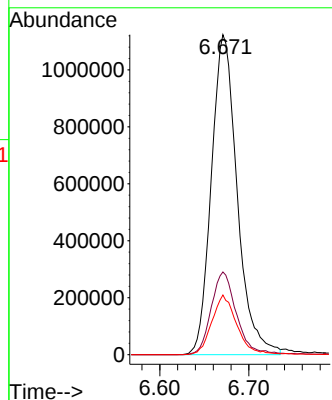
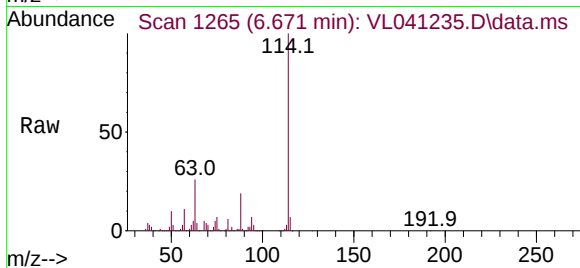
Tgt Ion:114 Resp: 2264275

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 18.3 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.664 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.421 min

Lab File: VL041235.D

Acq: 8 May 2024 9:24

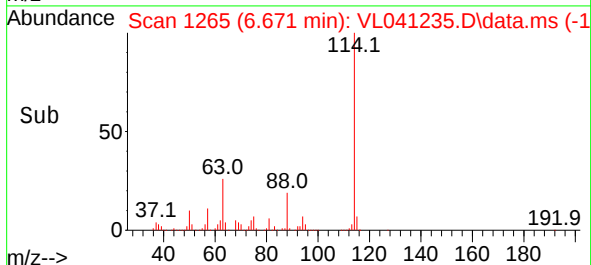
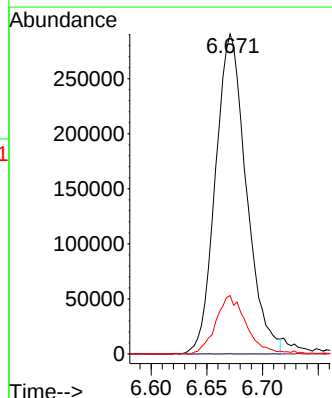
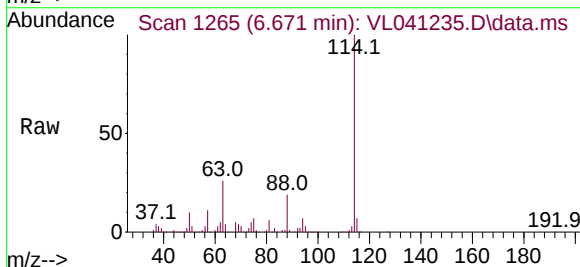
Tgt Ion: 63 Resp: 561227

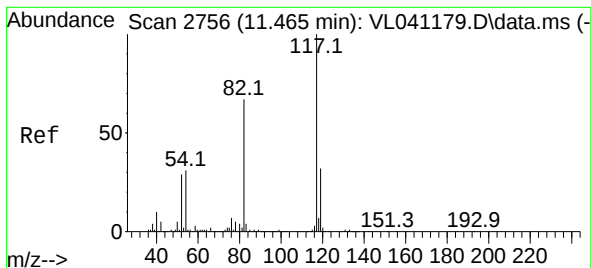
Ion Ratio Lower Upper

63 100

41 0.1 59.4 89.0#

62 18.2 56.8 85.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041235.D

Acq: 8 May 2024 9:24

Instrument :

MSVOA_1

ClientSampleId :

VL0508ABL01

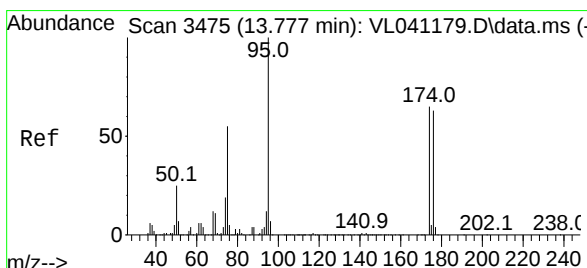
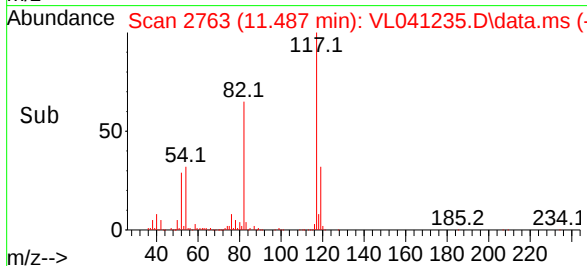
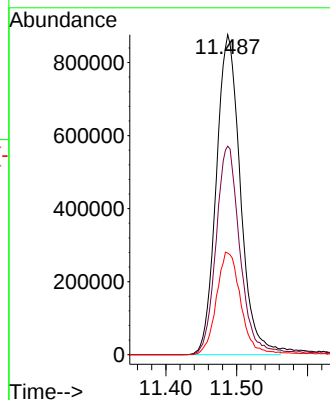
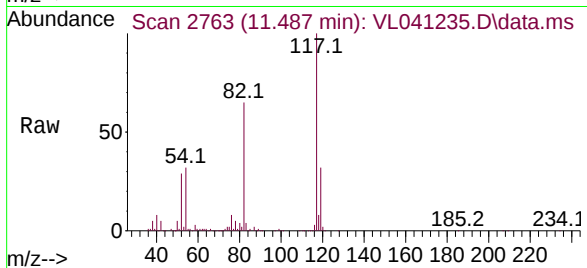
Tgt Ion:117 Resp: 2067879

Ion Ratio Lower Upper

117 100

82 66.0 53.6 80.4

119 33.0 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.991 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.003 min

Lab File: VL041235.D

Acq: 8 May 2024 9:24

Tgt Ion: 95 Resp: 1559681

Ion Ratio Lower Upper

95 100

174 67.0 53.6 80.4

175 5.0 4.2 6.4

