

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040857.D
 Acq On : 14 Nov 2023 19:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 16 04:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

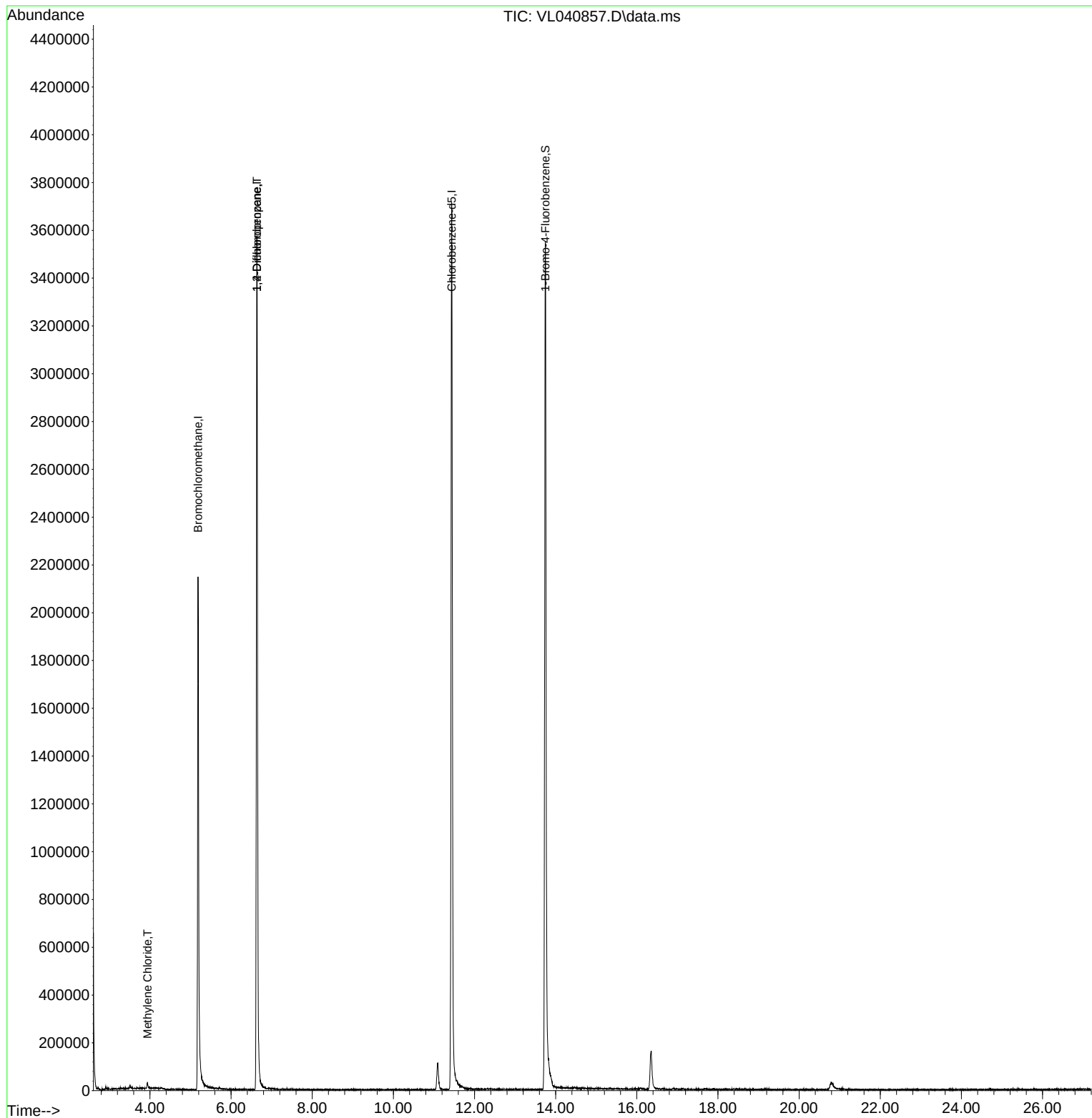
Internal Standards						
1) Bromochloromethane	5.185	49	1075079	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2915216	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2583394	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1969253	9.736	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.941	84	6473	0.137	ppbv #	85
39) 1,2-Dichloropropane	6.635	63	702396	7.487	ppbv #	23

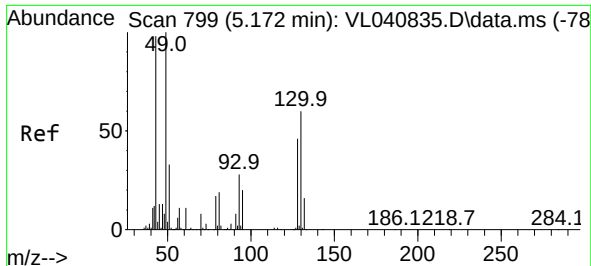
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

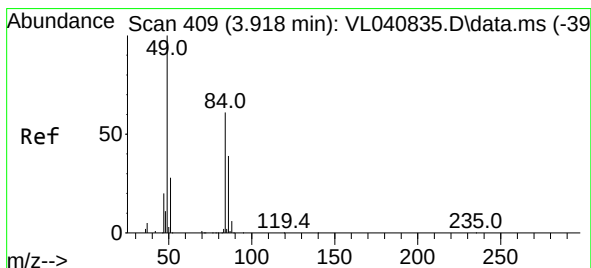
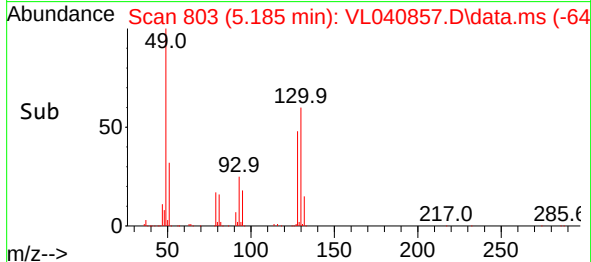
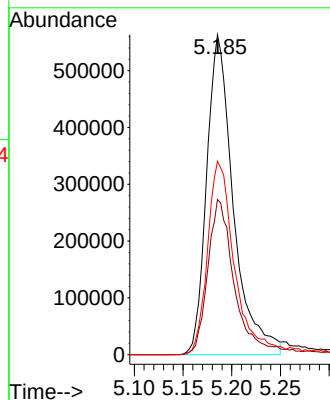
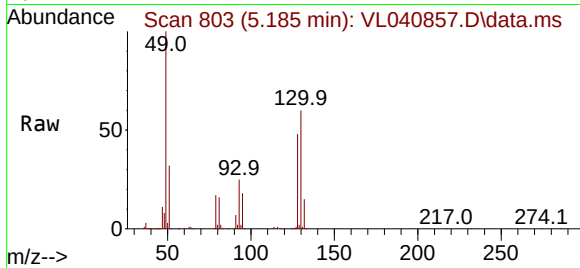




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

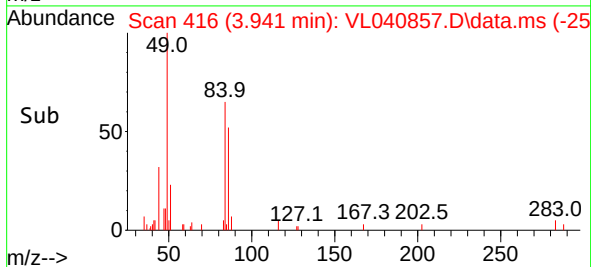
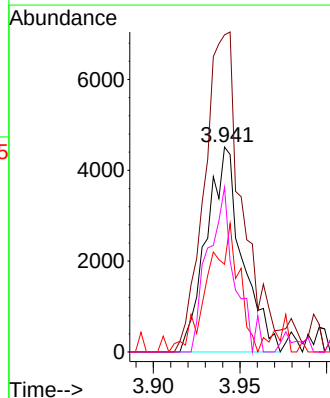
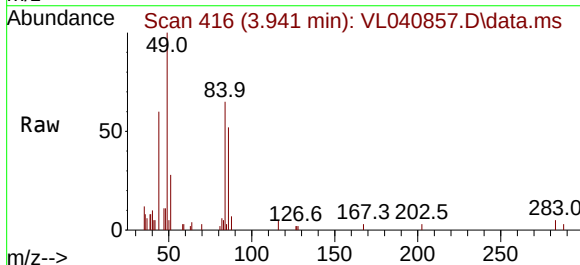
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

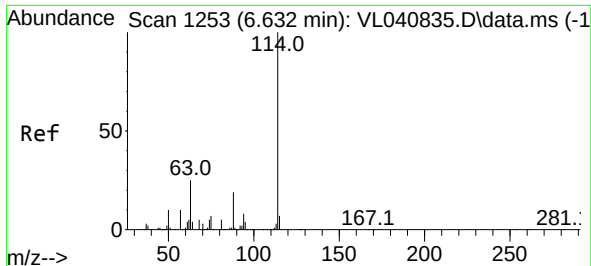
Tgt Ion: 49 Resp: 1075079
Ion Ratio Lower Upper
49 100
128 50.6 23.8 71.2
130 63.9 30.9 92.8



#20
Methylene Chloride
Concen: 0.137 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.023 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Tgt Ion: 84 Resp: 6473
Ion Ratio Lower Upper
84 100
49 146.0 131.0 196.4
51 37.7 36.9 55.3
86 80.4 51.2 76.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040857.D

Acq: 14 Nov 2023 19:09

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

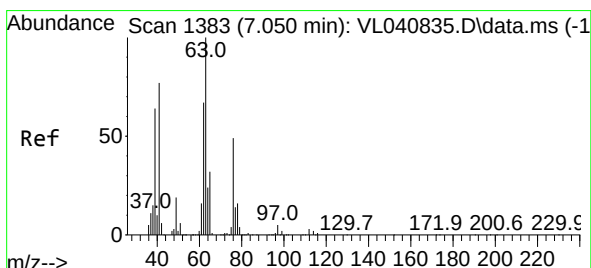
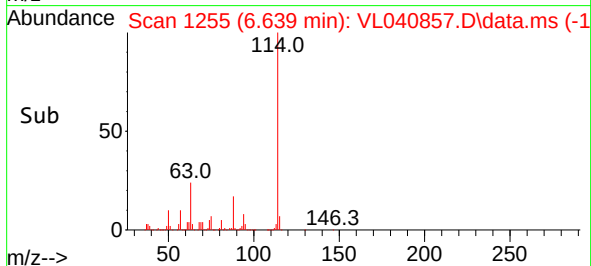
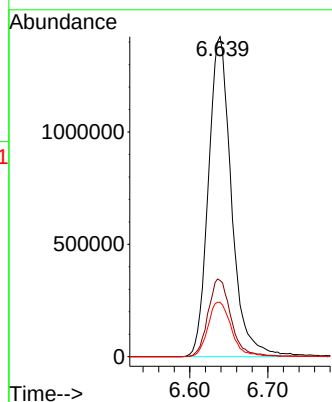
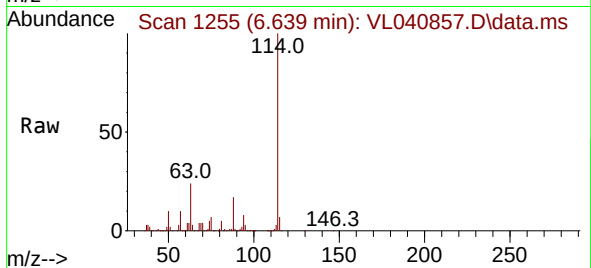
Tgt Ion:114 Resp: 2915216

Ion Ratio Lower Upper

114 100

63 24.3 20.9 31.3

88 17.6 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.487 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.415 min

Lab File: VL040857.D

Acq: 14 Nov 2023 19:09

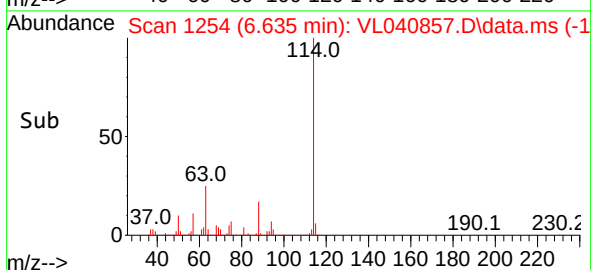
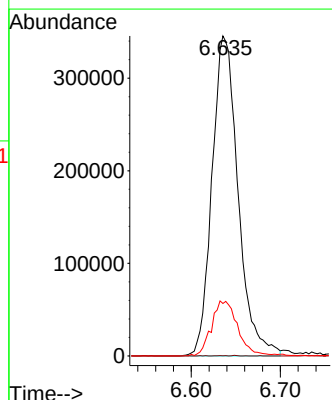
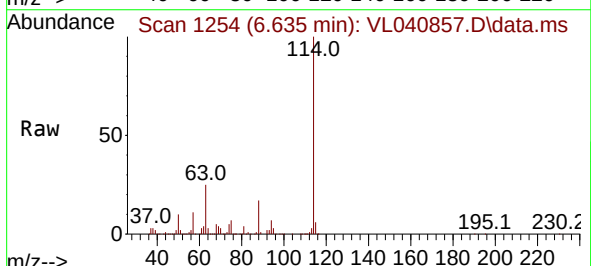
Tgt Ion: 63 Resp: 702396

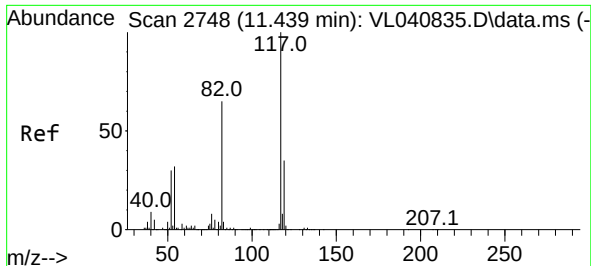
Ion Ratio Lower Upper

63 100

41 0.1 61.5 92.3#

62 16.4 53.9 80.9#

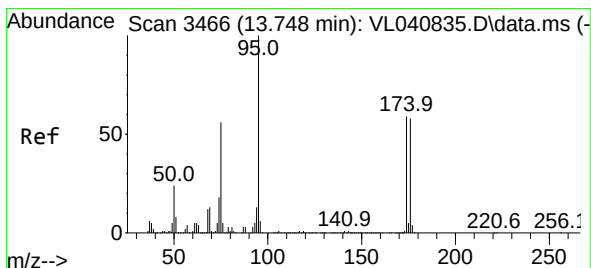
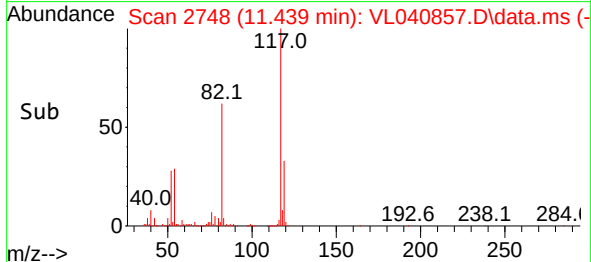
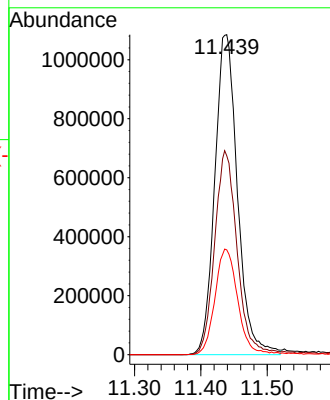
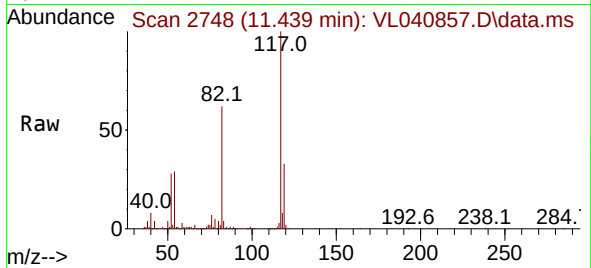




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2583394
Ion Ratio Lower Upper
117 100
82 64.3 50.6 75.8
119 33.8 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.736 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040857.D
Acq: 14 Nov 2023 19:09

Tgt Ion: 95 Resp: 1969253
Ion Ratio Lower Upper
95 100
174 63.9 47.5 71.3
175 4.9 3.6 5.4

