

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040879.D
 Acq On : 15 Nov 2023 22:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 16 06:34:26 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)

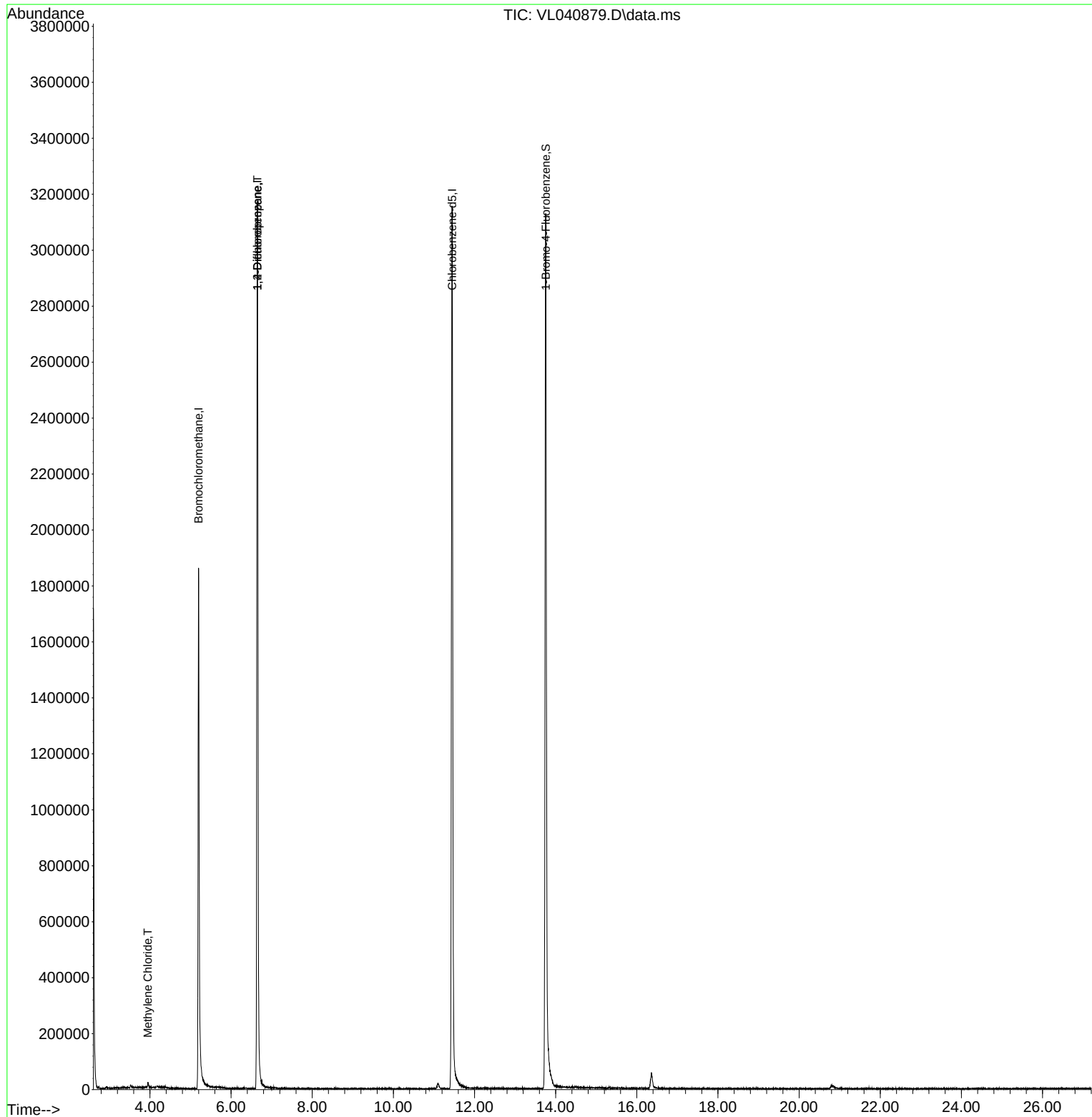
Internal Standards						
1) Bromochloromethane	5.198	49	968867	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.648	114	2366545	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.446	117	2031739	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1612263	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.947	84	2410	0.057	ppbv #	91
39) 1,2-Dichloropropane	6.648	63	611382	8.028	ppbv #	23

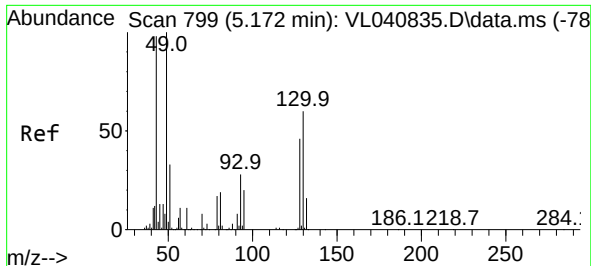
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

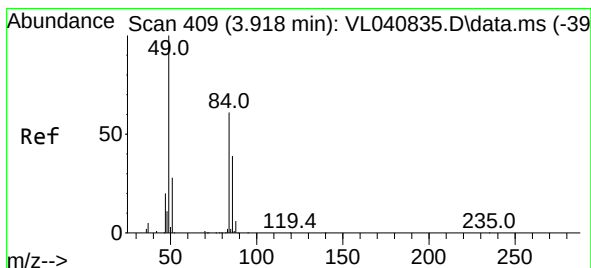
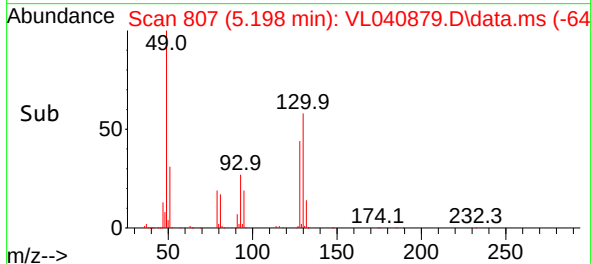
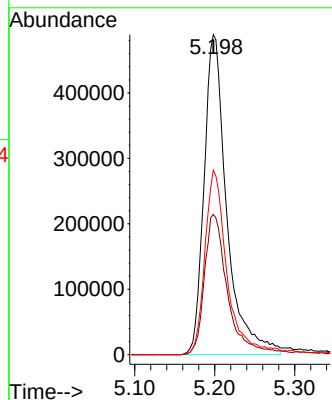
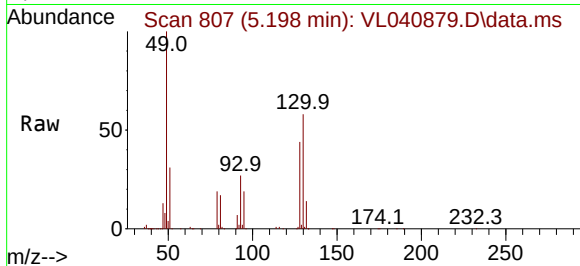




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL040879.D
Acq: 15 Nov 2023 22:05

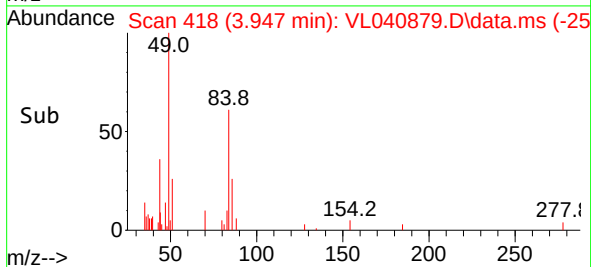
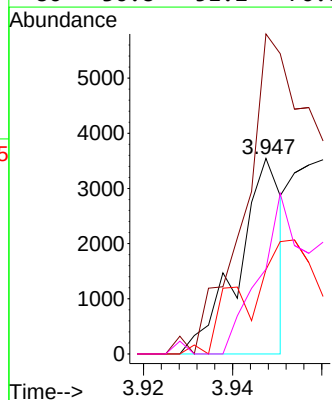
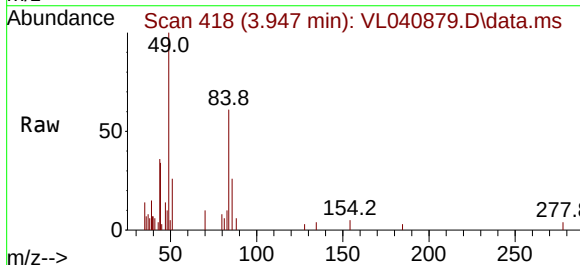
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

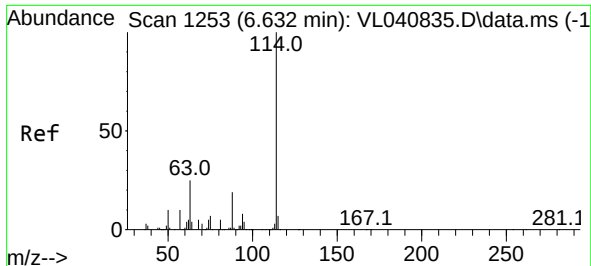
Tgt Ion: 49 Resp: 968867
Ion Ratio Lower Upper
49 100
128 45.7 23.8 71.2
130 57.6 30.9 92.8



#20
Methylene Chloride
Concen: 0.057 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.029 min
Lab File: VL040879.D
Acq: 15 Nov 2023 22:05

Tgt Ion: 84 Resp: 2410
Ion Ratio Lower Upper
84 100
49 163.2 131.0 196.4
51 43.1 36.9 55.3
86 36.8 51.2 76.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040879.D

Acq: 15 Nov 2023 22:05

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

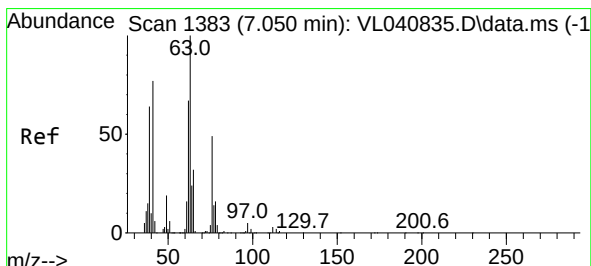
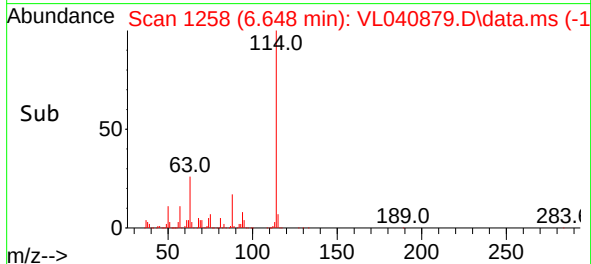
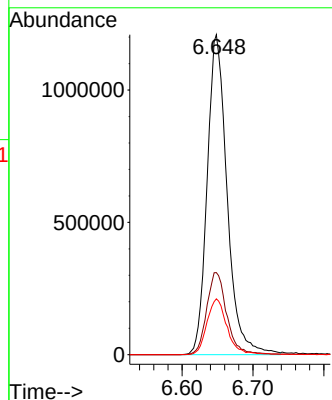
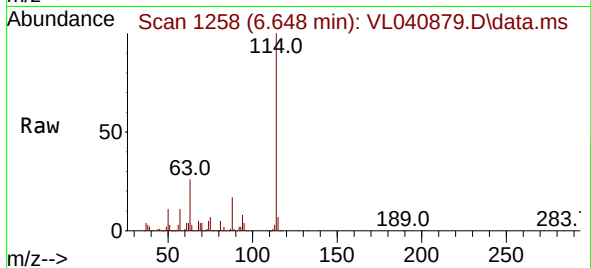
Tgt Ion:114 Resp: 2366545

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

88 17.8 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.028 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.402 min

Lab File: VL040879.D

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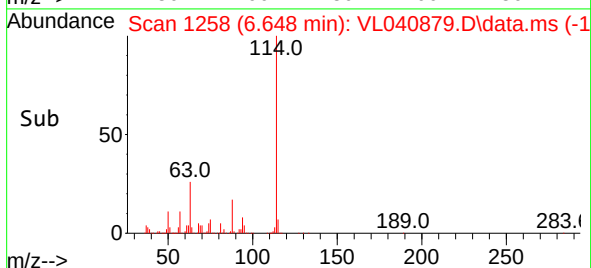
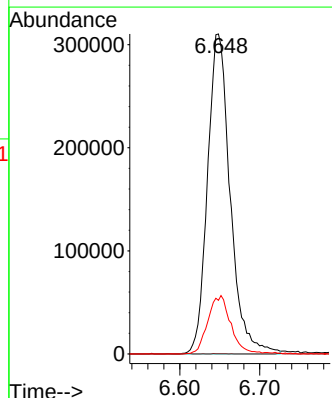
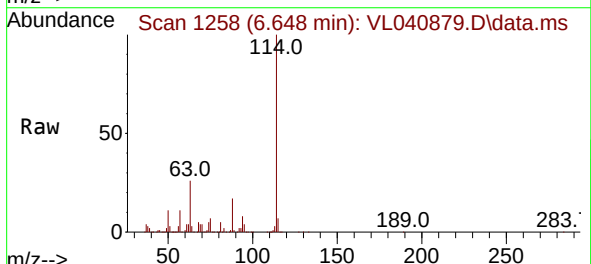
Tgt Ion: 63 Resp: 611382

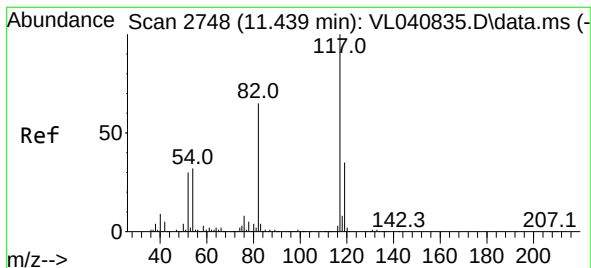
Ion Ratio Lower Upper

63 100

41 0.1 61.5 92.3#

62 16.8 53.9 80.9#

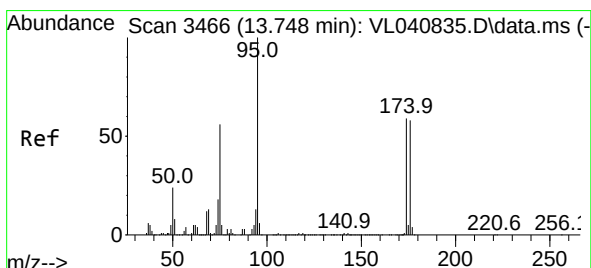
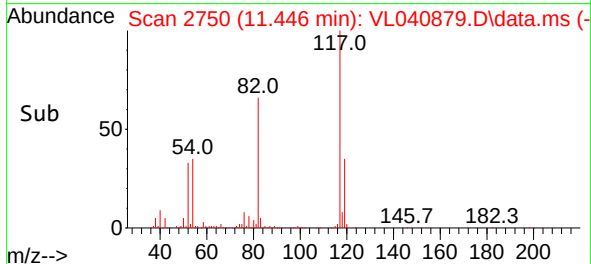
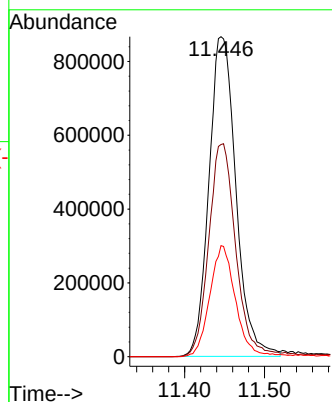
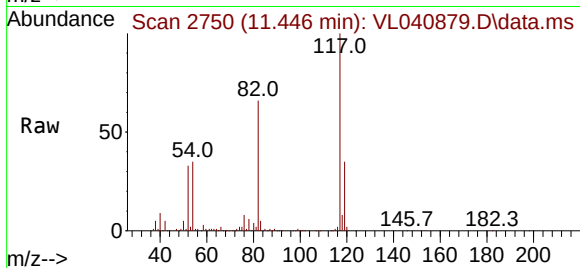




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040879.D
Acq: 15 Nov 2023 22:05

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Tgt Ion:117 Resp: 2031739
Ion Ratio Lower Upper
117 100
82 68.0 50.6 75.8
119 33.2 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.136 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.010 min
Lab File: VL040879.D
Acq: 15 Nov 2023 22:05

Tgt Ion: 95 Resp: 1612263
Ion Ratio Lower Upper
95 100
174 60.8 47.5 71.3
175 4.4 3.6 5.4

