

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041145.D
 Acq On : 8 Apr 2024 11:22
 Operator : SY/MD
 Sample : VL0408ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABL01

Quant Time: Apr 09 01:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

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

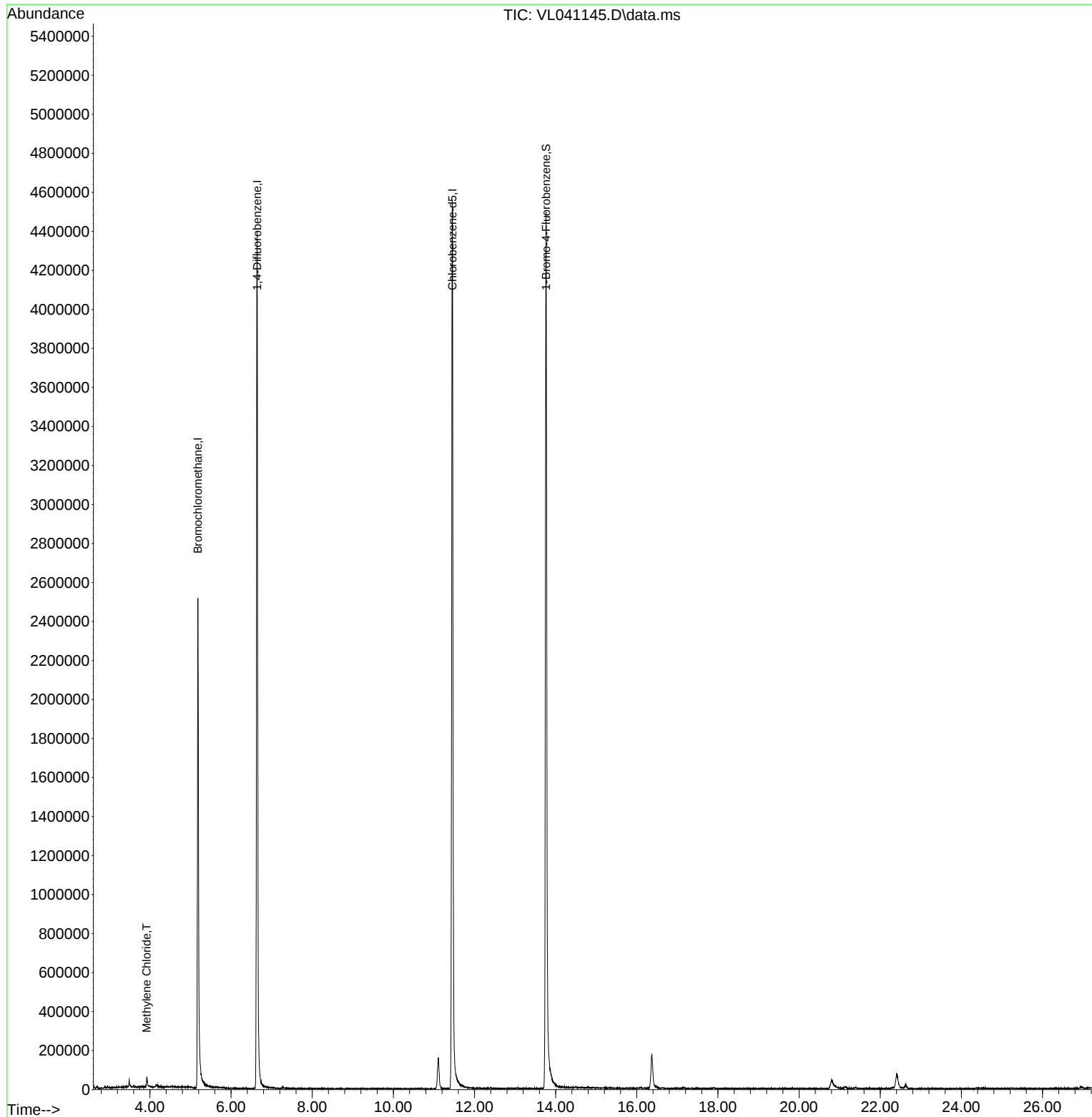
Internal Standards						
1) Bromochloromethane	5.182	49	1280924	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3474072	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3106042	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2373103	9.501	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.000%
Target Compounds						
20) Methylene Chloride	3.922	84	14024	0.245	ppbv	Qvalue 97

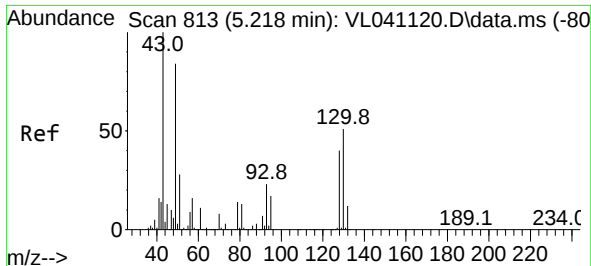
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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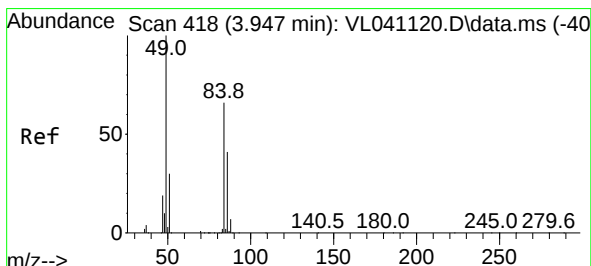
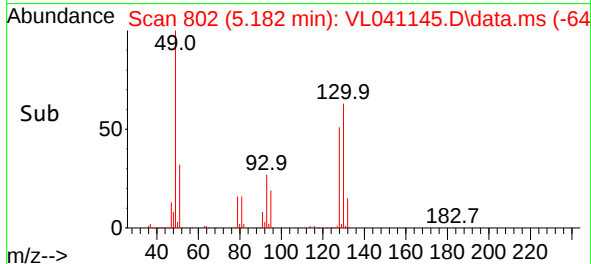
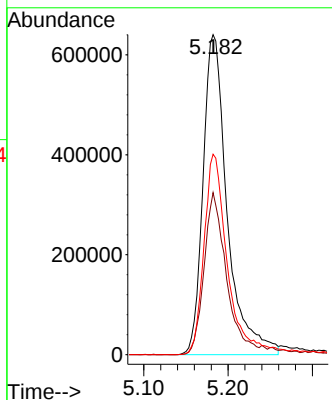
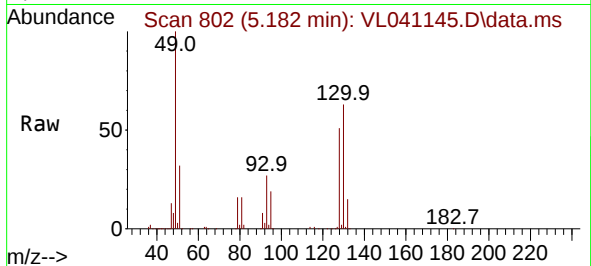




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

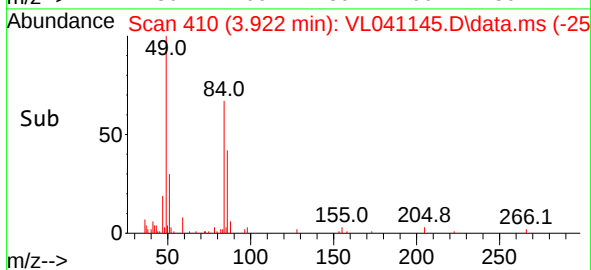
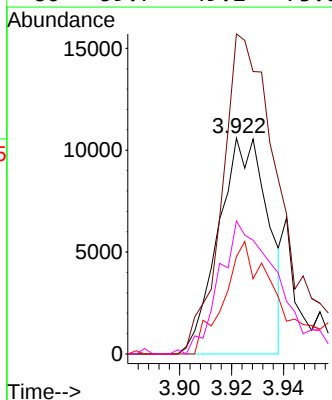
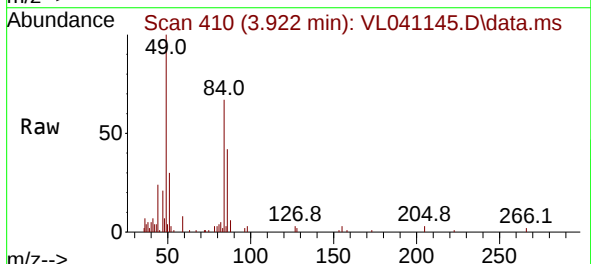
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABL01

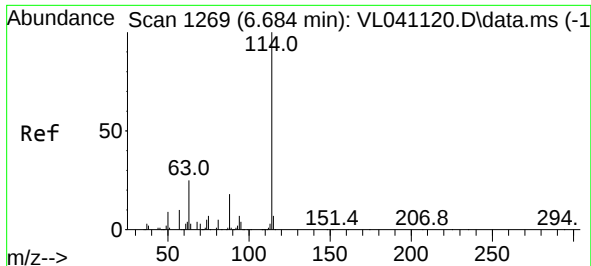
Tgt Ion: 49 Resp: 1280924
Ion Ratio Lower Upper
49 100
128 50.0 23.6 71.0
130 63.4 30.1 90.5



#20
Methylene Chloride
Concen: 0.245 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Tgt Ion: 84 Resp: 14024
Ion Ratio Lower Upper
84 100
49 154.8 120.7 181.1
51 45.1 36.6 54.8
86 59.7 49.2 73.8

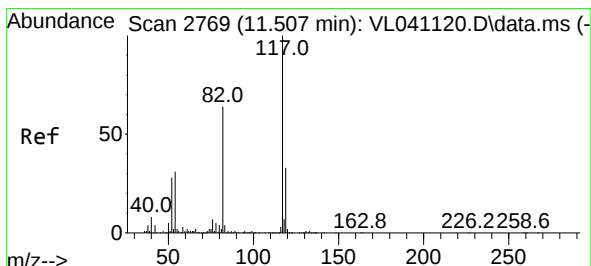
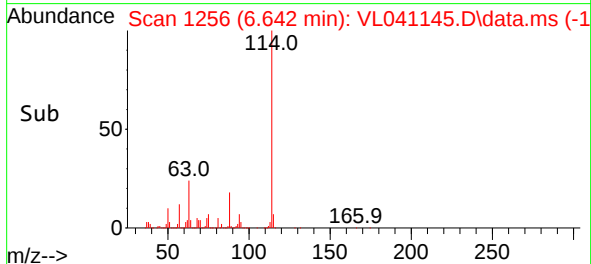
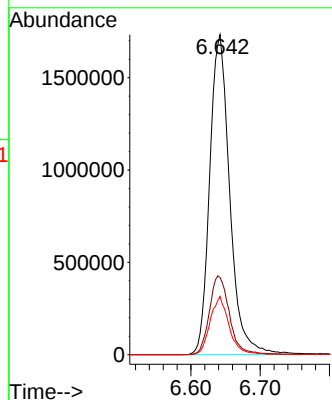
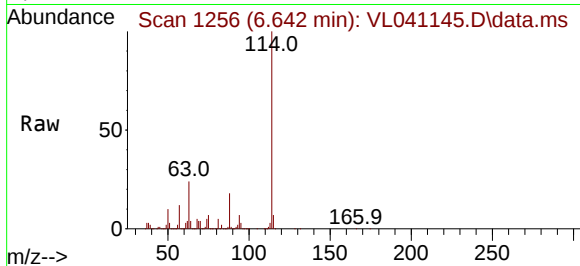




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

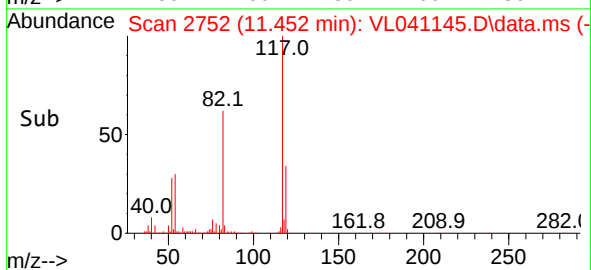
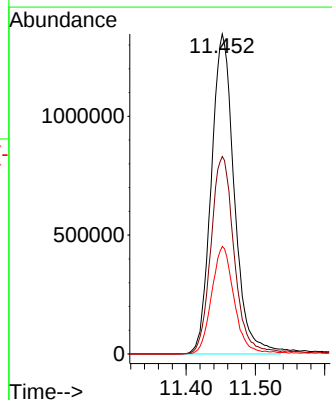
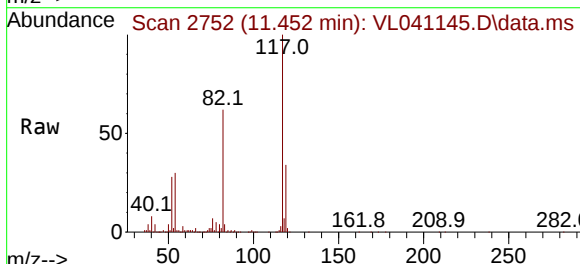
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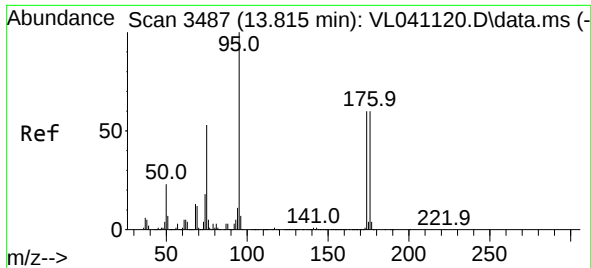
Tgt Ion:114 Resp: 3474072
Ion Ratio Lower Upper
114 100
63 24.8 20.9 31.3
88 17.4 14.5 21.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.000 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Tgt Ion:117 Resp: 3106042
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 33.2 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.501 ppbv
 RT: 13.764 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041145.D
 Acq: 8 Apr 2024 11:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABL01

Tgt Ion: 95 Resp: 2373103

Ion	Ratio	Lower	Upper
95	100		
174	63.5	49.3	73.9
175	4.5	3.6	5.4

