

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041046.D
 Acq On : 7 Feb 2024 22:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 08 02:46:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Feb 08 02:04:13 2024
 Response via : Initial Calibration

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

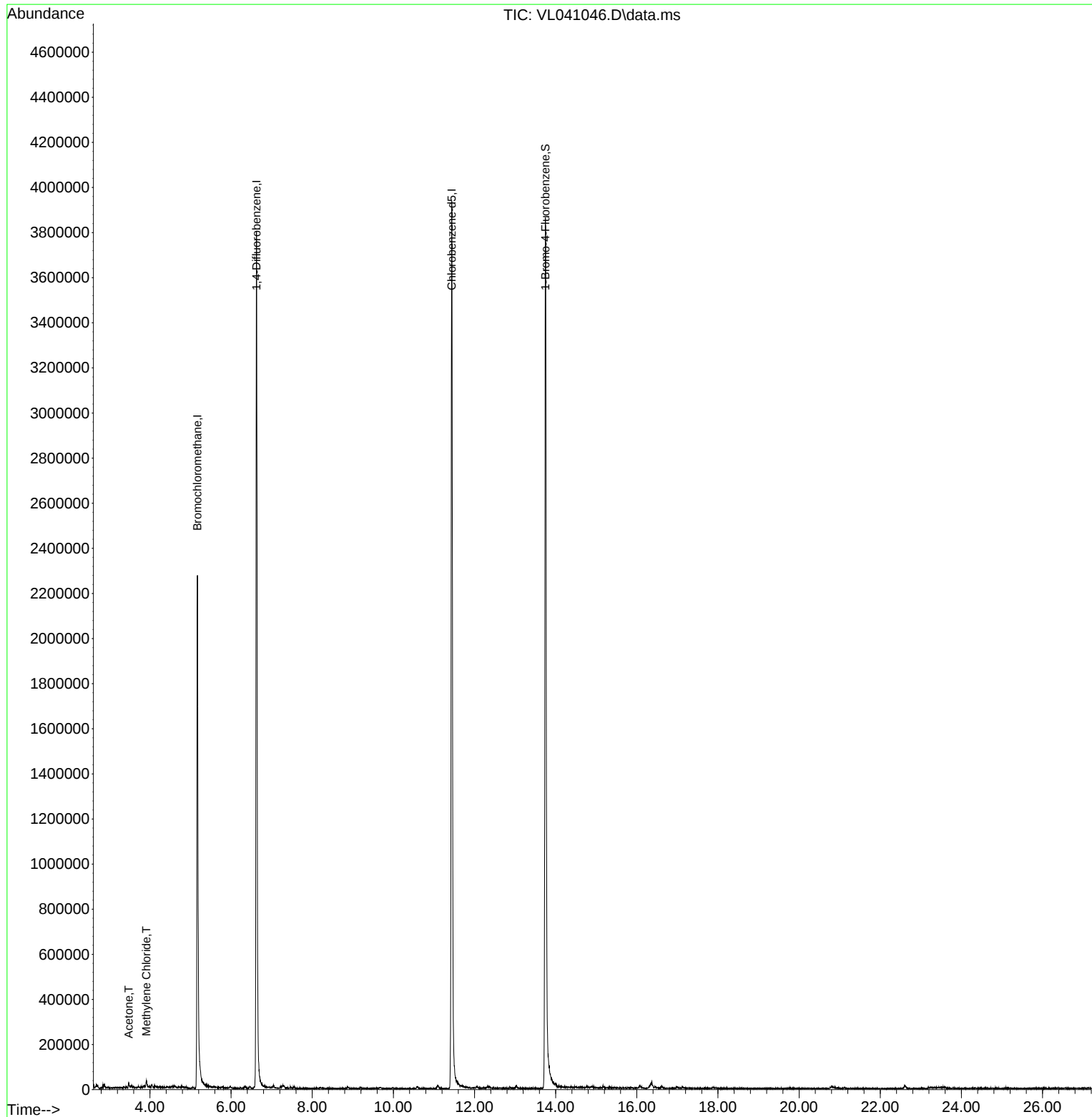
Internal Standards						
1) Bromochloromethane	5.169	49	1139409	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2830075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2508705	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1957591	10.331	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
15) Acetone	3.478	43	18456	0.127	ppbv #	78
20) Methylene Chloride	3.915	84	8545	0.152	ppbv #	75

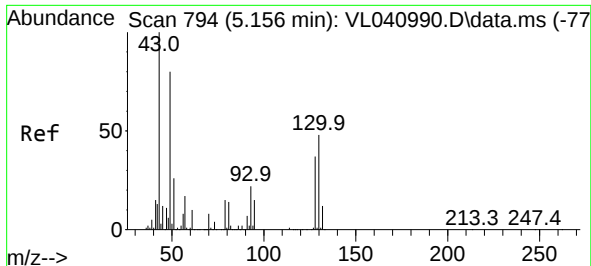
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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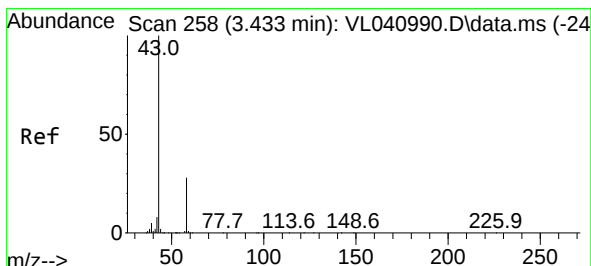
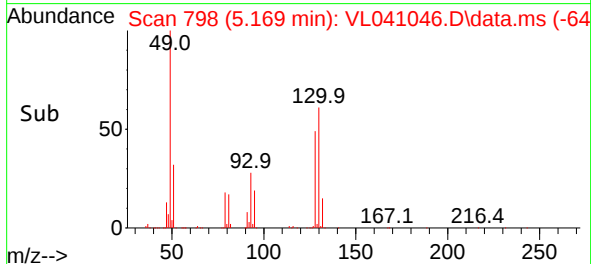
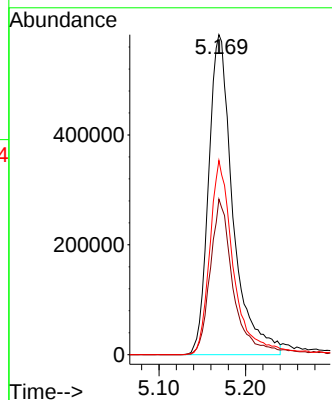
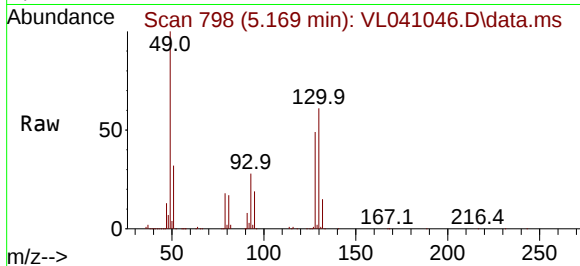




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 794
Delta R.T. 0.003 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

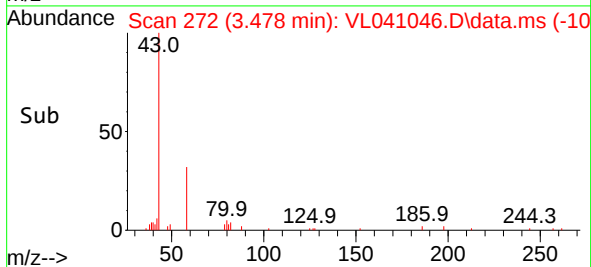
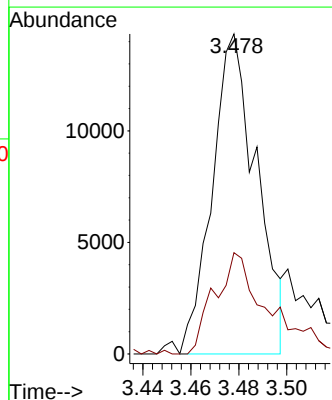
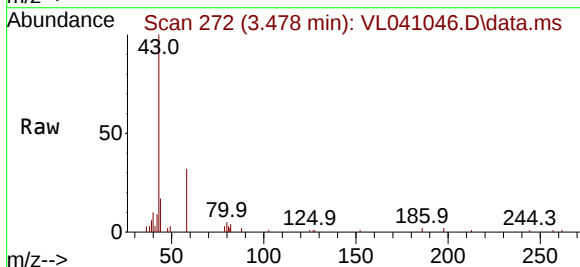
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

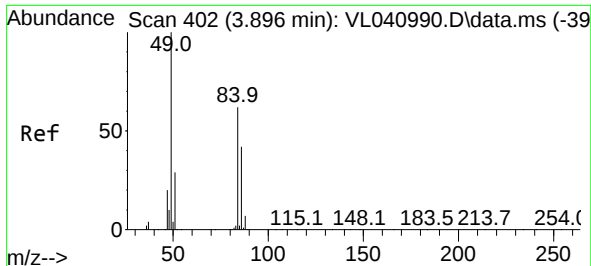
Tgt Ion: 49 Resp: 1139409
Ion Ratio Lower Upper
49 100
128 47.3 23.9 71.7
130 60.7 31.1 93.5



#15
Acetone
Concen: 0.127 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.039 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

Tgt Ion: 43 Resp: 18456
Ion Ratio Lower Upper
43 100
58 39.3 22.2 33.2#

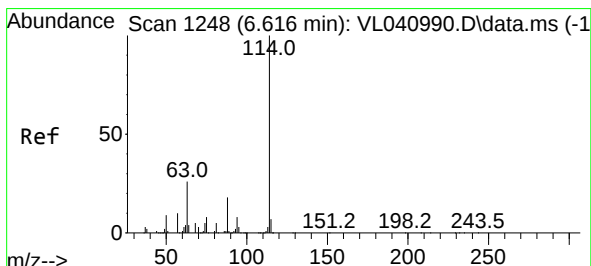
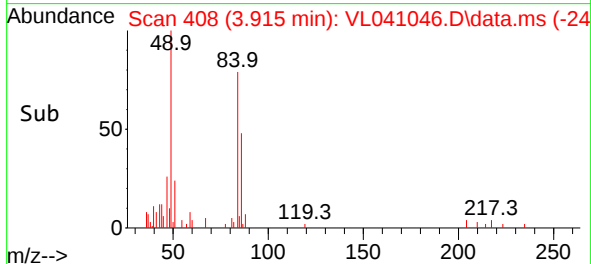
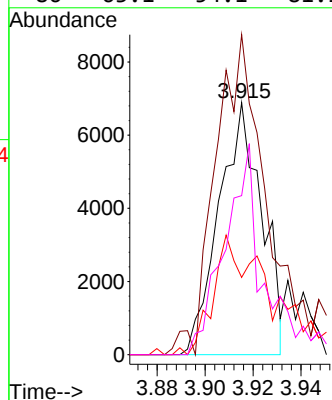
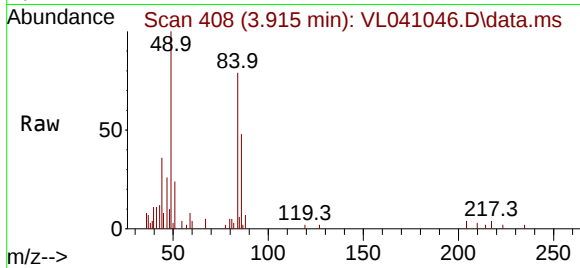




#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

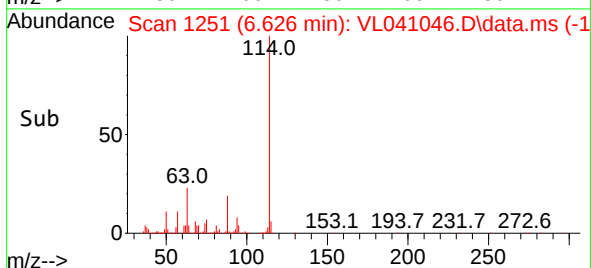
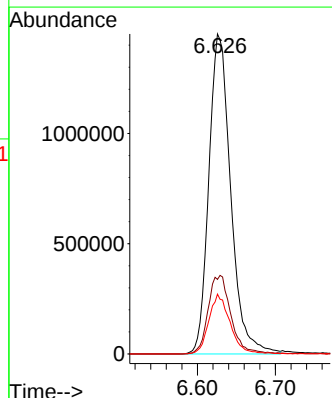
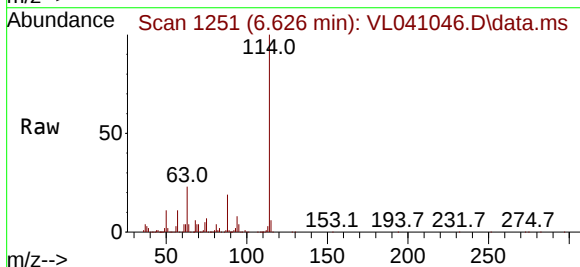
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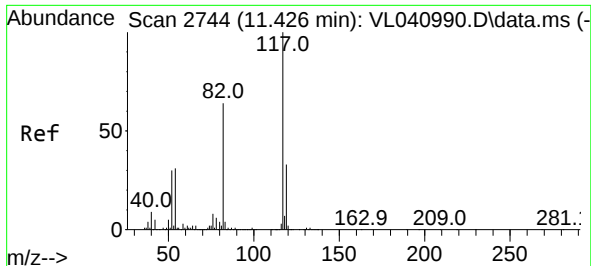
Tgt Ion: 84 Resp: 8545
Ion Ratio Lower Upper
84 100
49 117.7 128.1 192.1#
51 27.9 36.5 54.7#
86 63.1 54.1 81.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

Tgt Ion: 114 Resp: 2830075
Ion Ratio Lower Upper
114 100
63 25.7 20.8 31.2
88 18.2 14.3 21.5

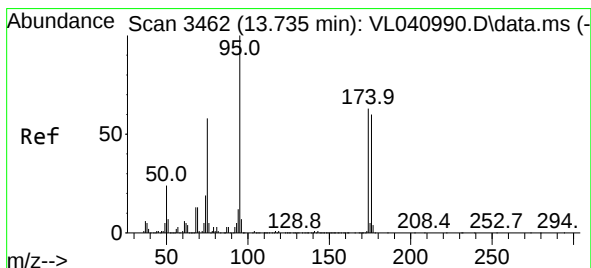
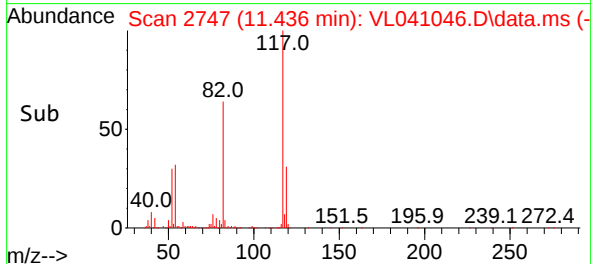
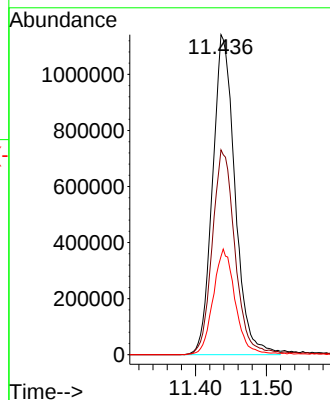
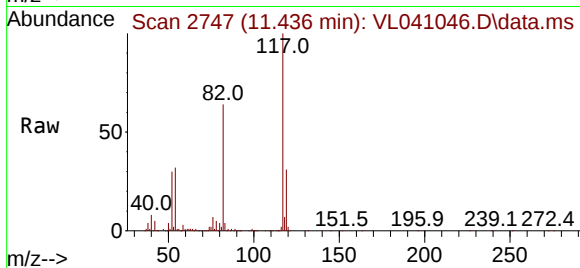




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

Instrument :
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ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2508705
Ion Ratio Lower Upper
117 100
82 65.7 51.7 77.5
119 33.0 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.331 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VL041046.D
Acq: 7 Feb 2024 22:05

Tgt Ion: 95 Resp: 1957591
Ion Ratio Lower Upper
95 100
174 62.2 49.1 73.7
175 4.6 3.7 5.5

