

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041076.D
 Acq On : 16 Feb 2024 8:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 00:12:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 17 00:11:10 2024
 Response via : Initial Calibration

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

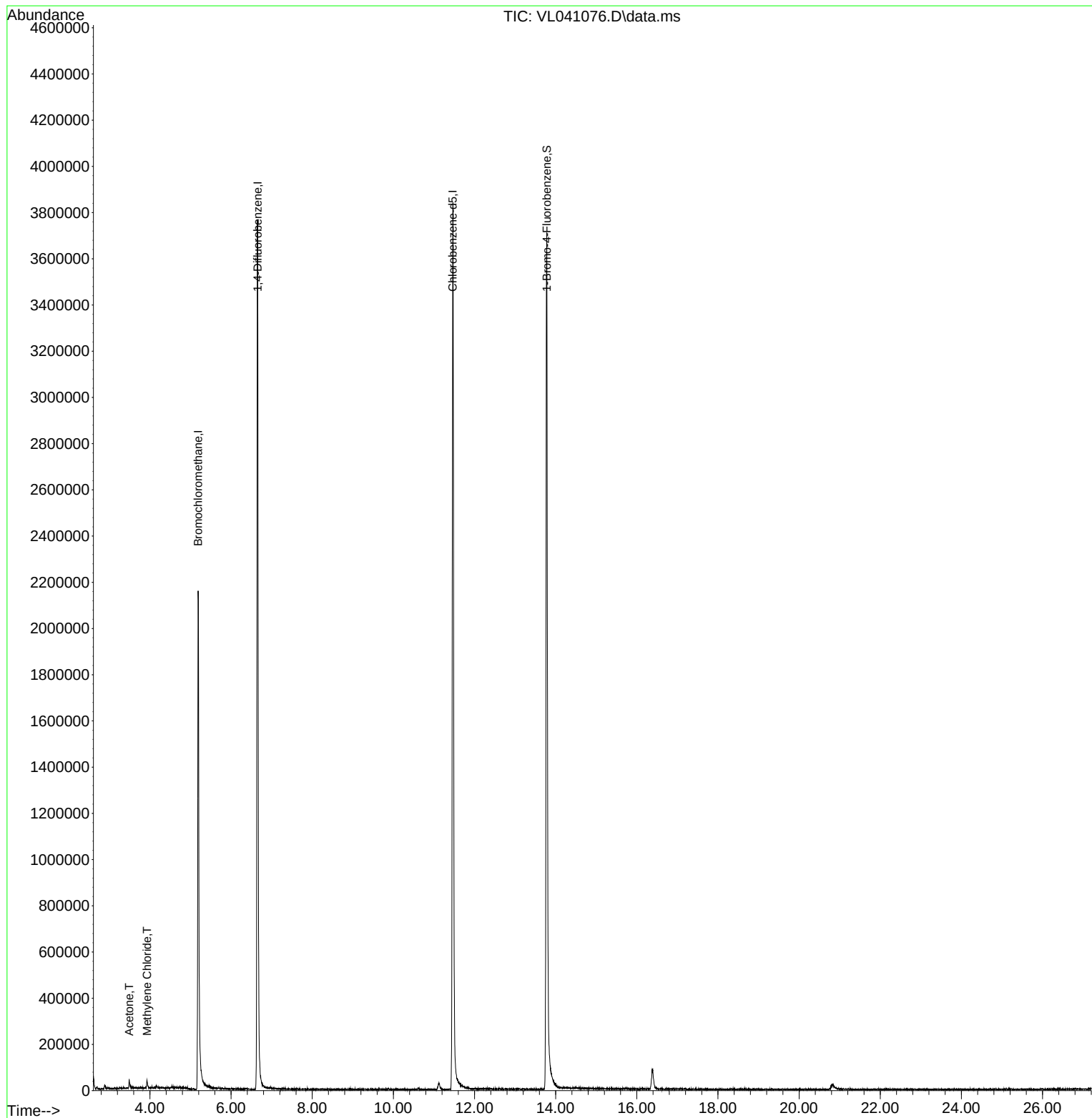
Internal Standards						
1) Bromochloromethane	5.188	49	1121265	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	2968469	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.465	117	2580026	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1962688	10.072	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	35365	0.247	ppbv #	89
20) Methylene Chloride	3.928	84	5895	0.107	ppbv #	77

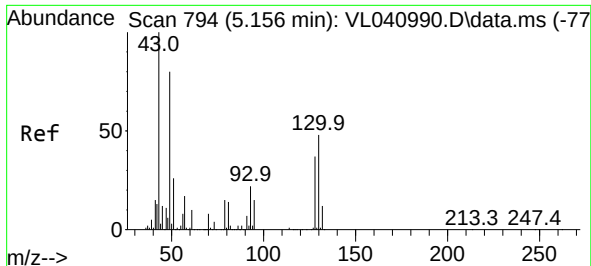
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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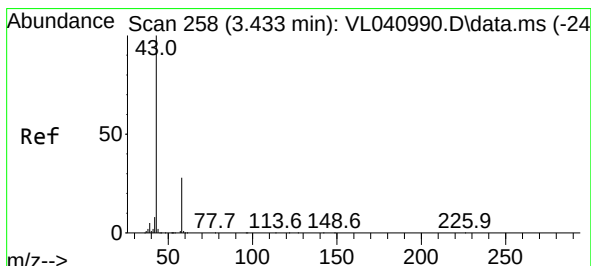
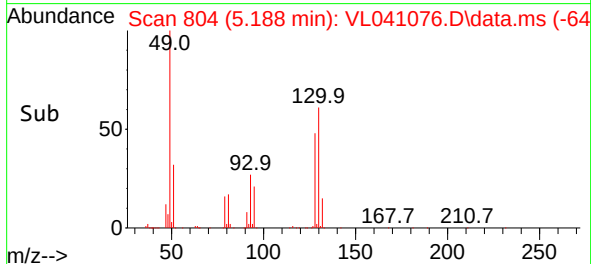
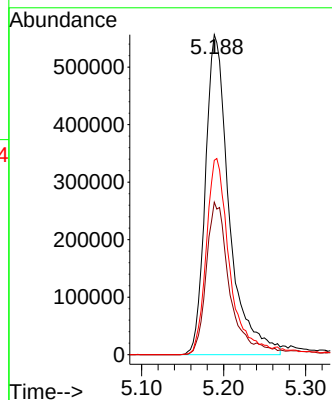
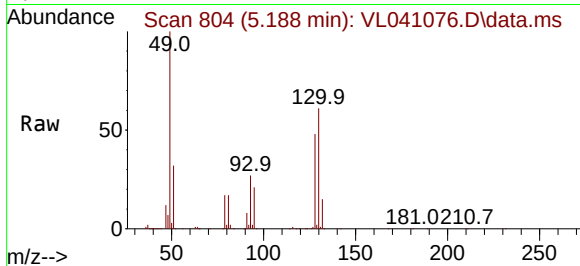




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

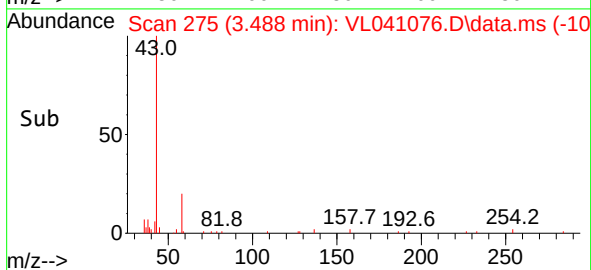
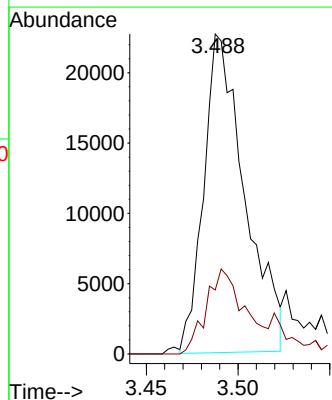
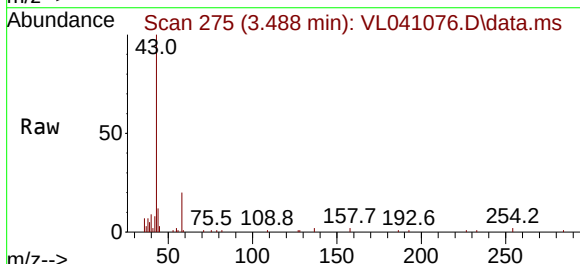
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

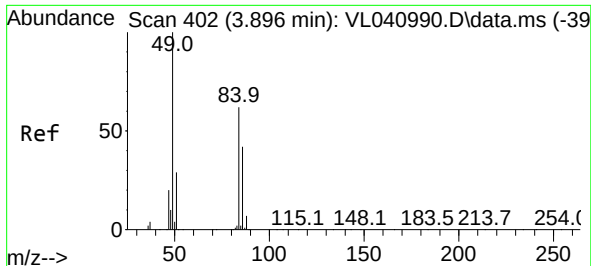
Tgt Ion: 49 Resp: 1121265
Ion Ratio Lower Upper
49 100
128 49.0 23.9 71.7
130 62.9 31.1 93.5



#15
Acetone
Concen: 0.247 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.042 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion: 43 Resp: 35365
Ion Ratio Lower Upper
43 100
58 33.3 22.2 33.2#



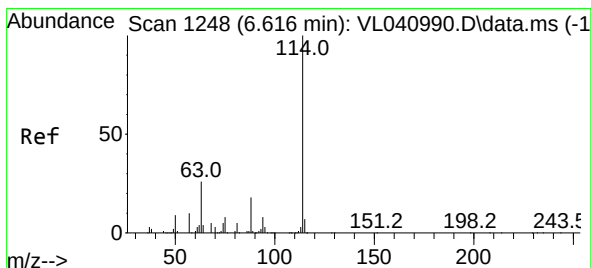
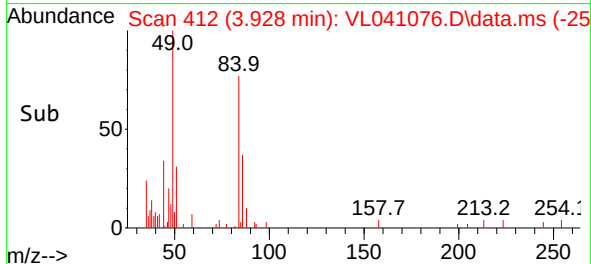
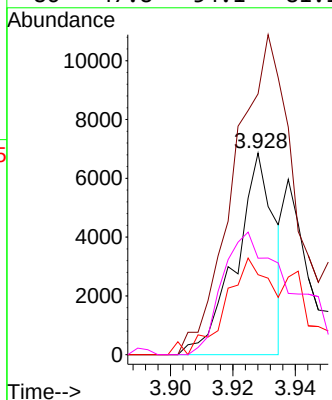
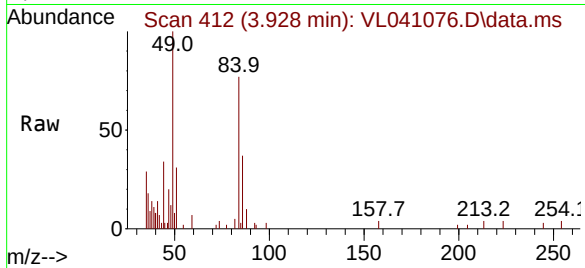


#20
Methylene Chloride
Concen: 0.107 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.016 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 5895

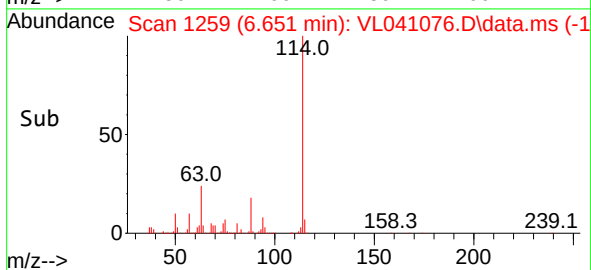
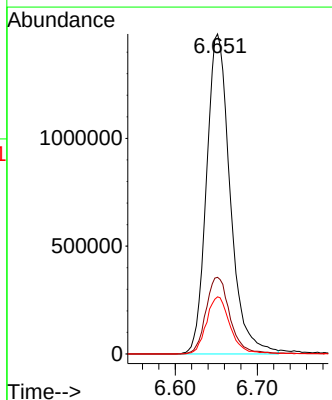
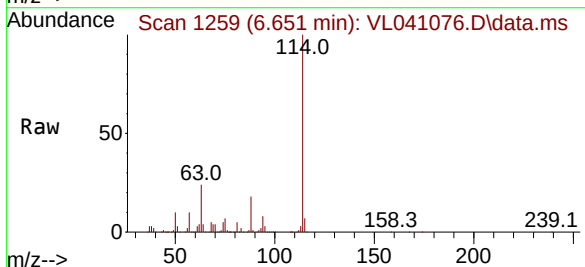
Ion	Ratio	Lower	Upper
84	100		
49	129.4	128.1	192.1
51	33.2	36.5	54.7#
86	47.8	54.1	81.1#

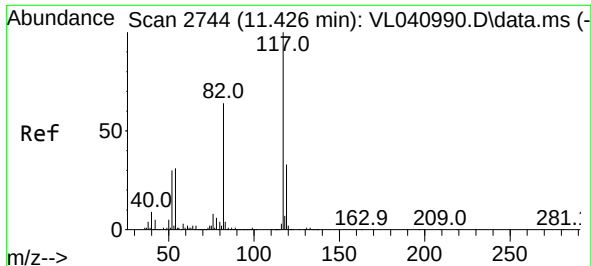


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.013 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion: 114 Resp: 2968469

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.8	31.2
88	18.1	14.3	21.5

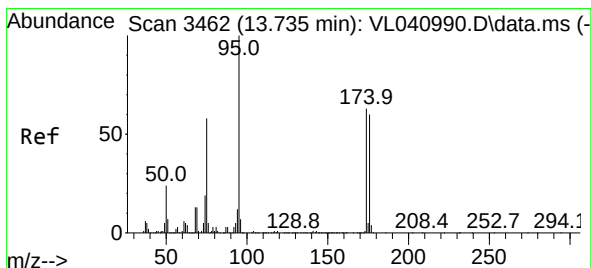
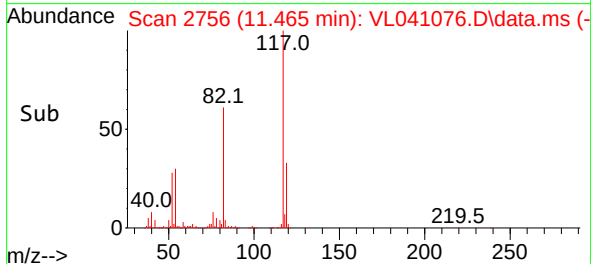
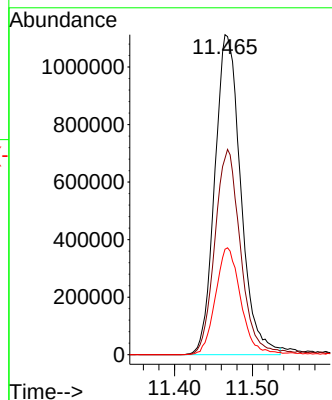
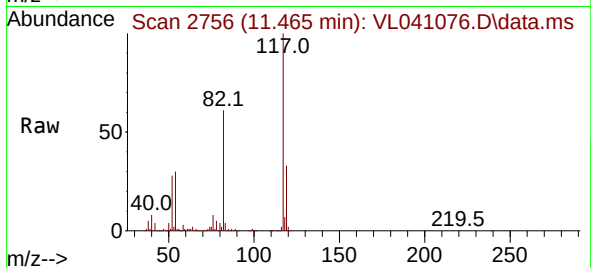




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2580026
Ion Ratio Lower Upper
117 100
82 65.2 51.7 77.5
119 33.0 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.072 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.019 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion: 95 Resp: 1962688
Ion Ratio Lower Upper
95 100
174 62.5 49.1 73.7
175 4.6 3.7 5.5

