

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041423.D
 Acq On : 29 Jul 2024 10:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 30 02:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1129135	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	3101439	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2816712	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2160644	9.968	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

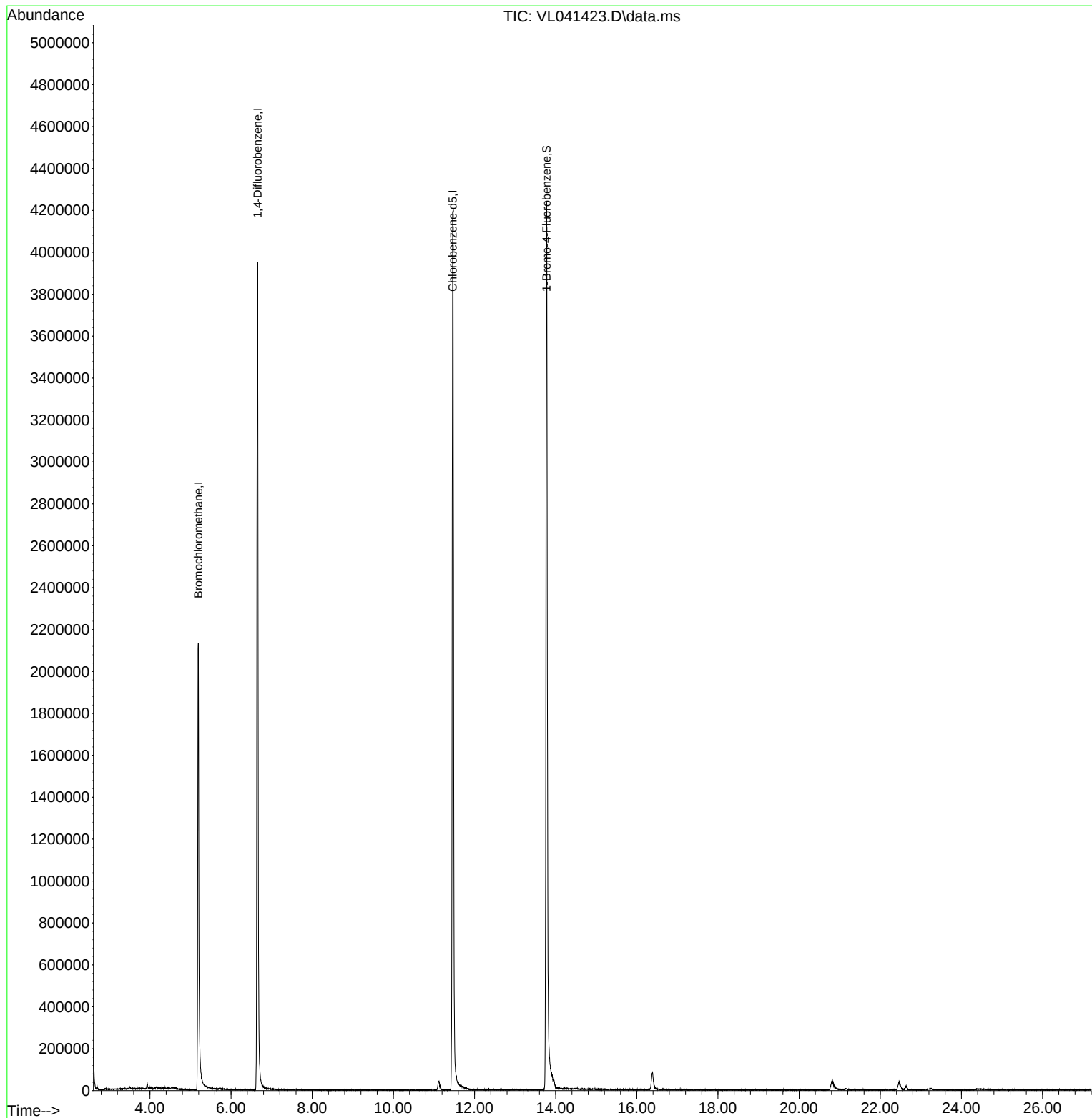
Target Compounds	Qvalue

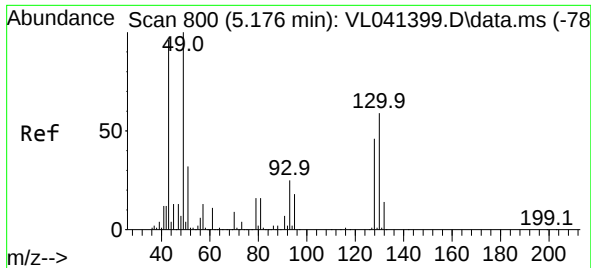
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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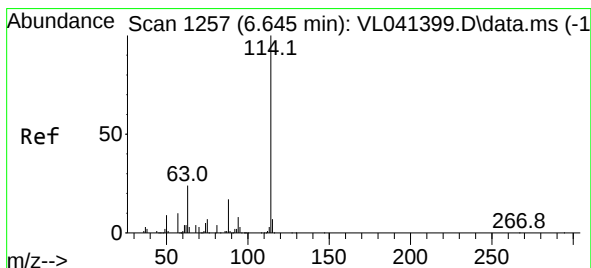
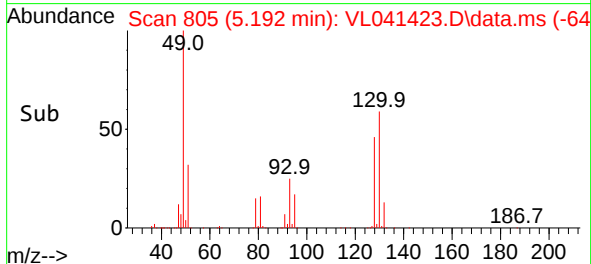
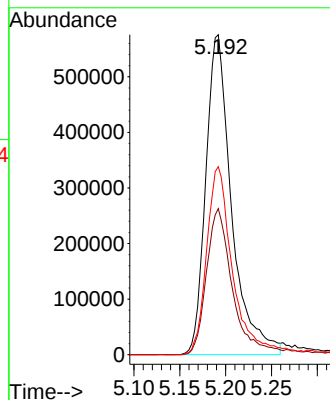
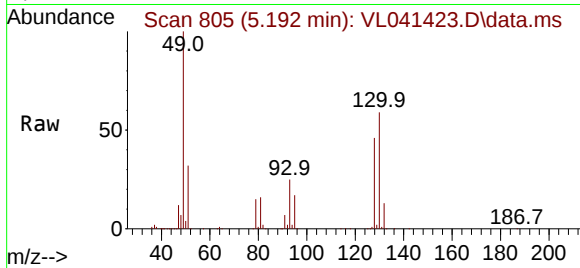




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 800
Delta R.T. 0.013 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

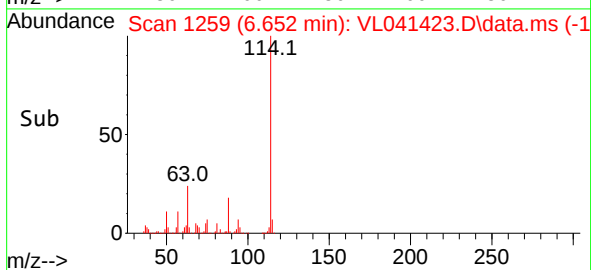
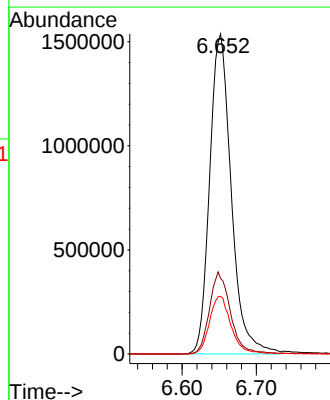
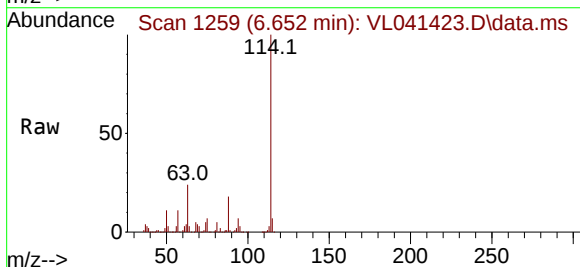
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

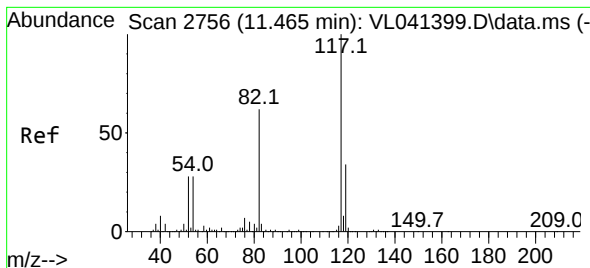
Tgt Ion: 49 Resp: 1129135
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.4
130 62.2 30.8 92.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

Tgt Ion: 114 Resp: 3101439
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 18.1 14.3 21.5

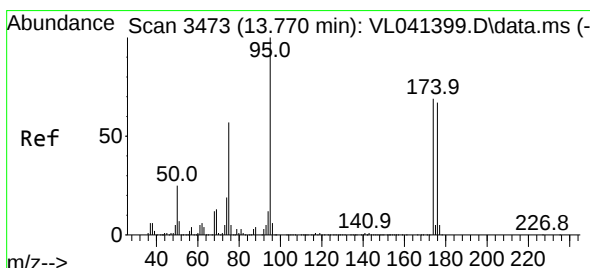
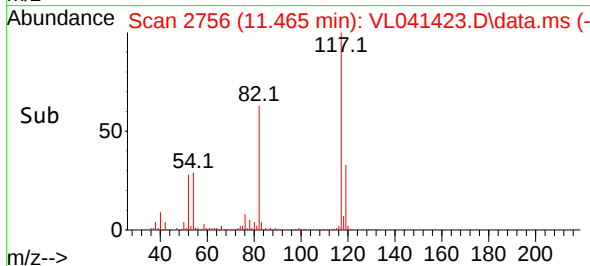
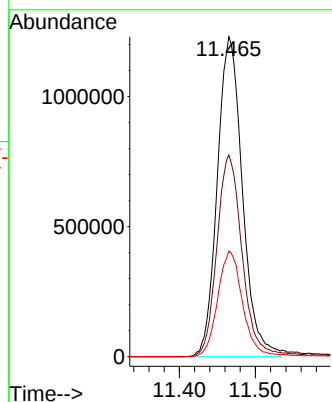
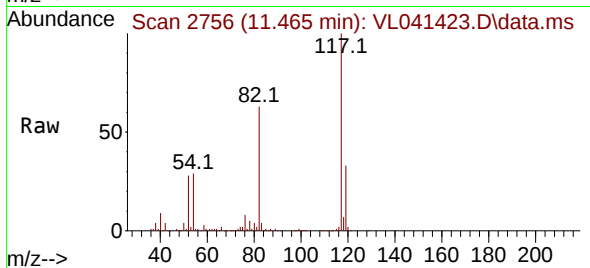




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2816712
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.1 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.968 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

Tgt Ion: 95 Resp: 2160644
Ion Ratio Lower Upper
95 100
174 72.0 56.3 84.5
175 4.9 4.0 6.0

