

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041663.D
 Acq On : 14 Oct 2024 11:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 15 02:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1006897	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.671	114	2688648	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	2332708	10.000	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1624426	9.460	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%

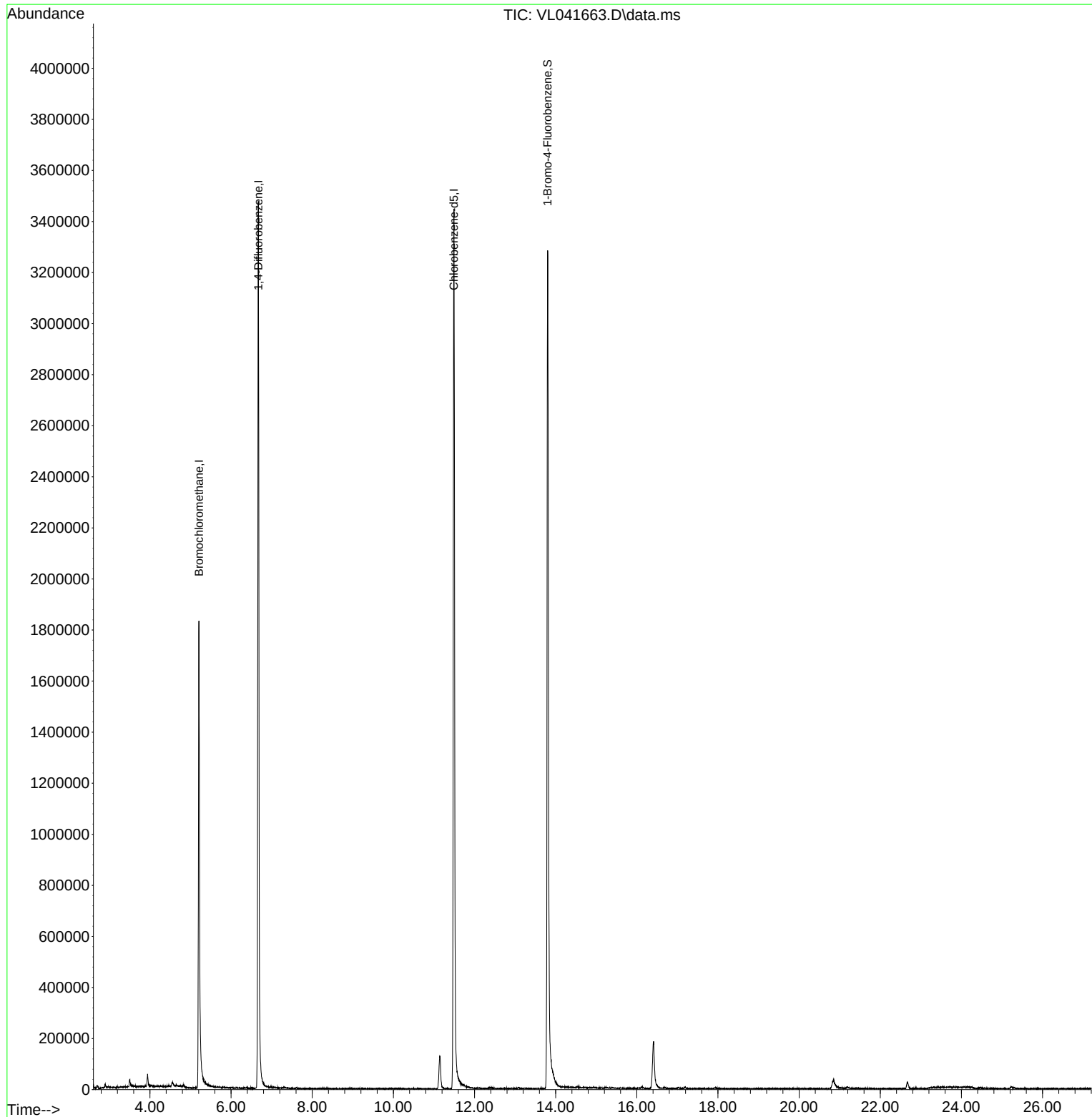
Target Compounds	Qvalue

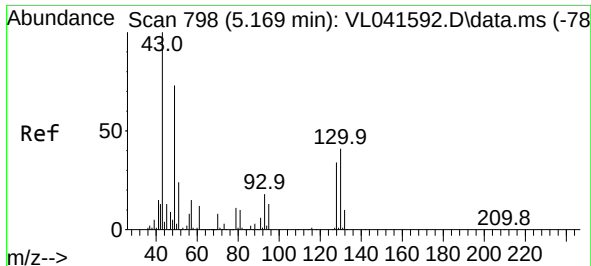
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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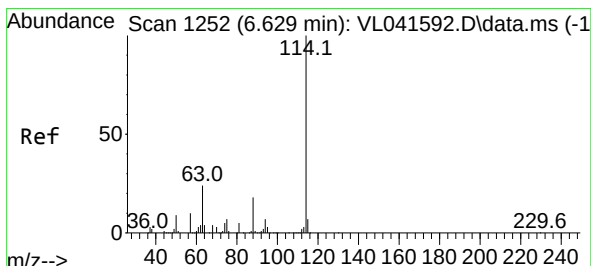
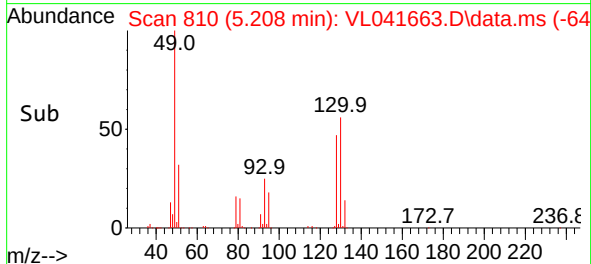
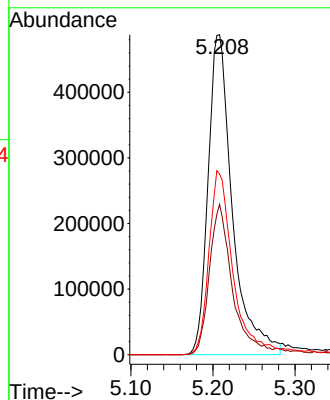
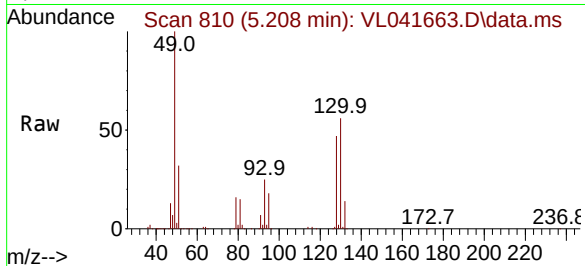


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.039 min
 Lab File: VL041663.D
 Acq: 14 Oct 2024 11:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 49 Resp: 1006897

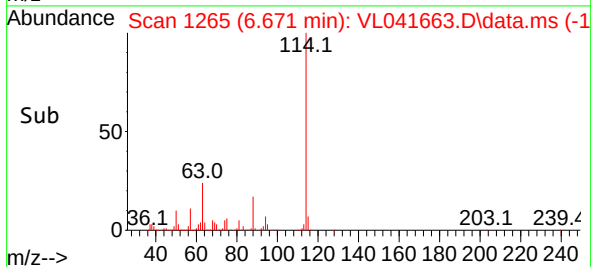
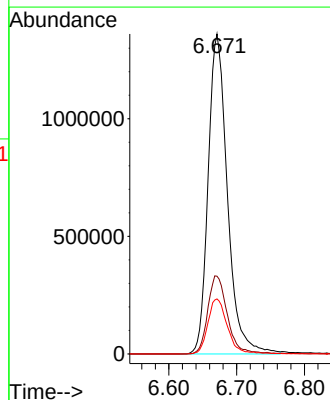
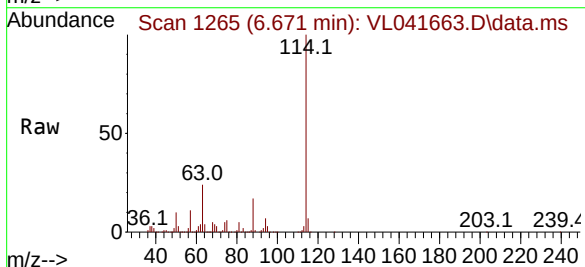
Ion	Ratio	Lower	Upper
49	100		
128	46.8	23.8	71.5
130	59.2	30.4	91.3

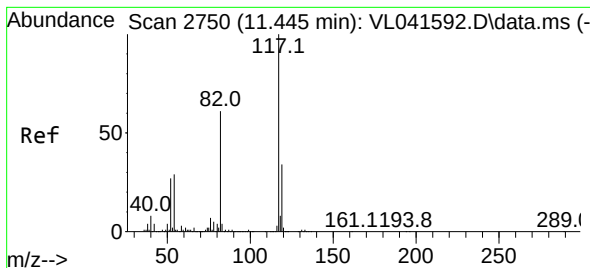


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.671 min Scan# 1265
 Delta R.T. 0.042 min
 Lab File: VL041663.D
 Acq: 14 Oct 2024 11:41

Tgt Ion: 114 Resp: 2688648

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.2
88	17.6	14.2	21.4

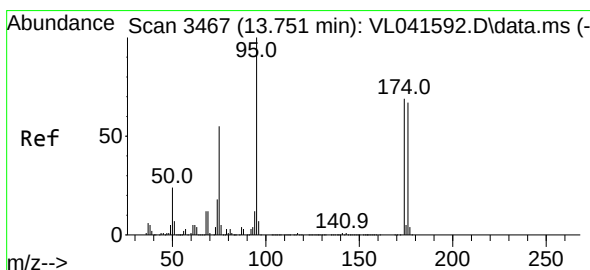
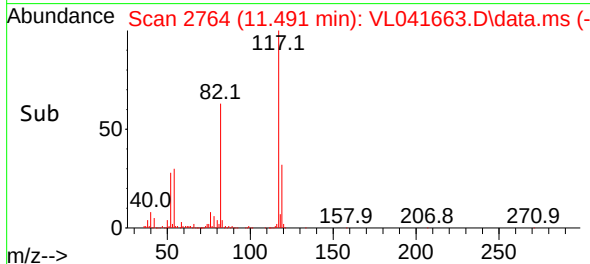
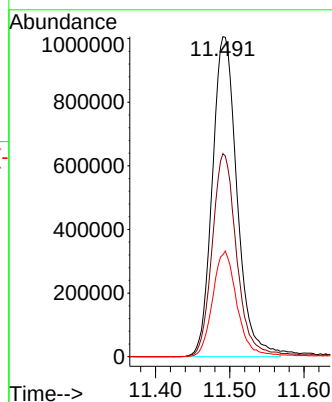
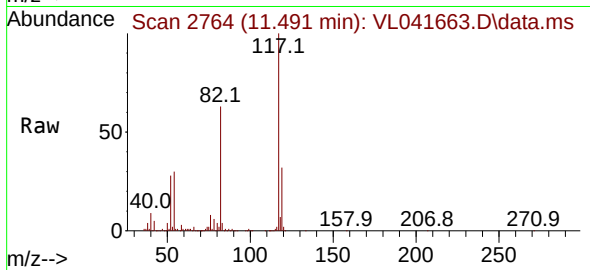




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2332708
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.3 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.460 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.052 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Tgt Ion: 95 Resp: 1624426
Ion Ratio Lower Upper
95 100
174 72.4 55.8 83.8
175 5.1 4.1 6.1

