

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041538.D
 Acq On : 13 Aug 2024 7:36
 Operator : SY/MD
 Sample : QC081224 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081224 CAN 10448

Quant Time: Aug 13 08:07:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	955718	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2550647	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2369899	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1791058	9.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

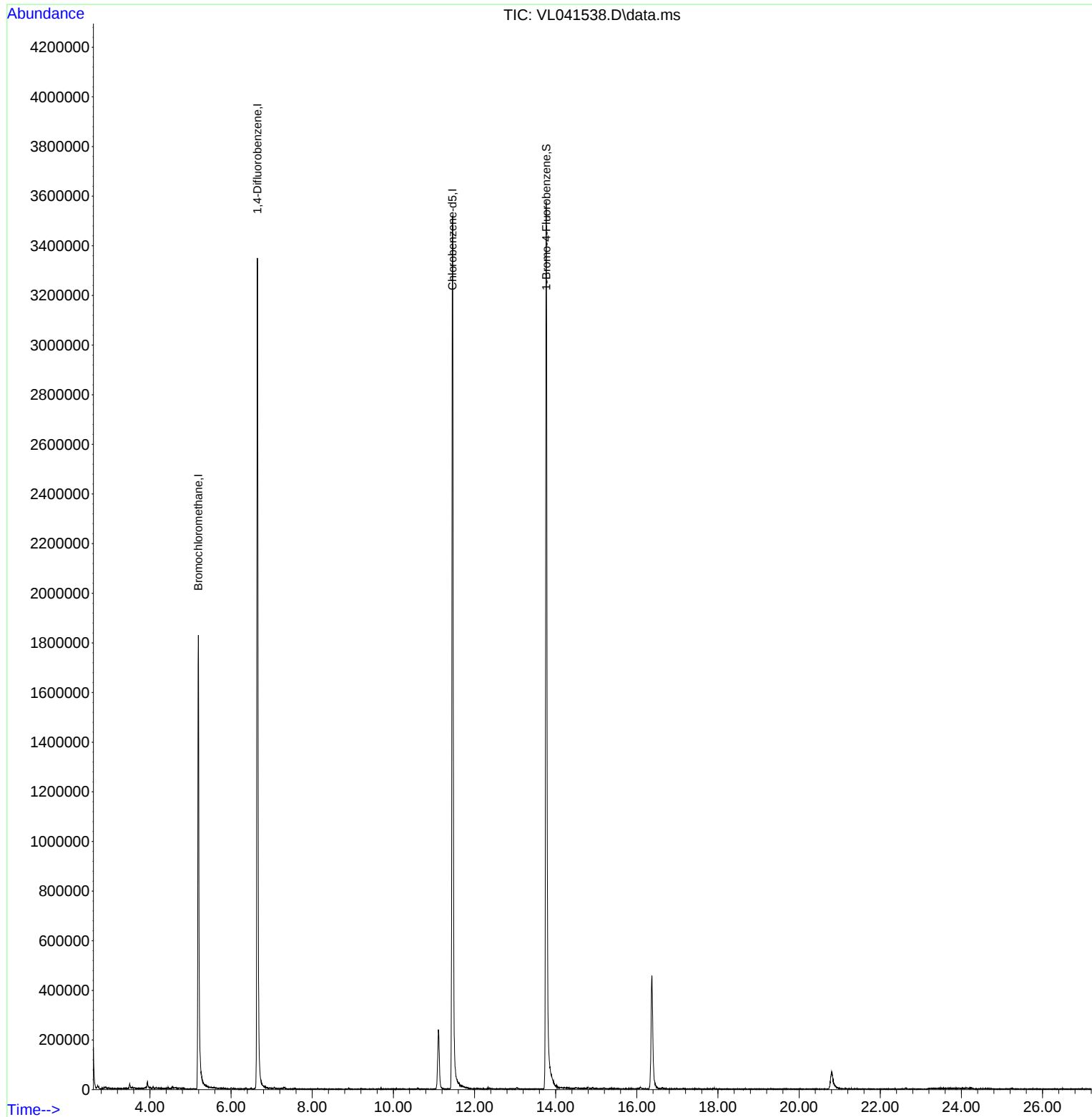
Target Compounds	Qvalue

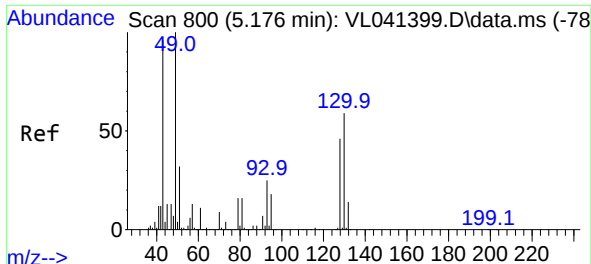
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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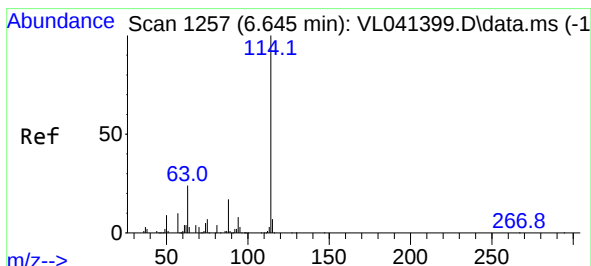
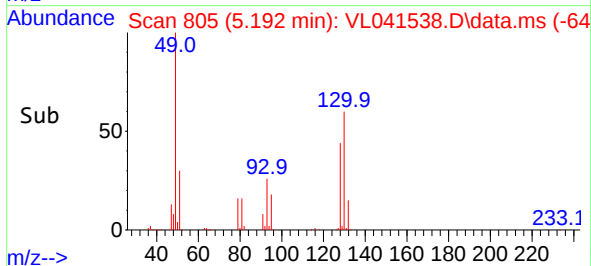
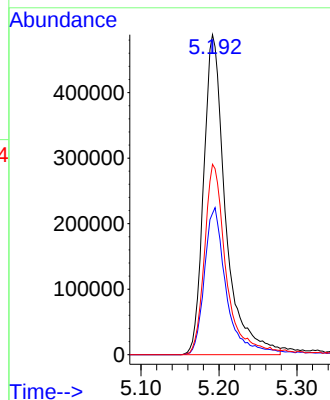
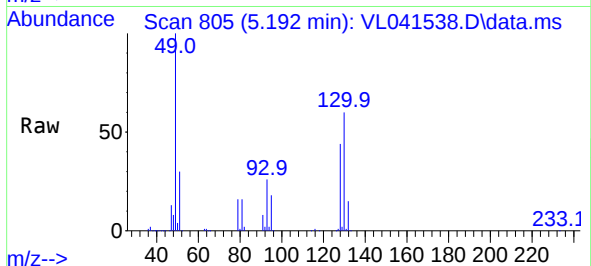




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

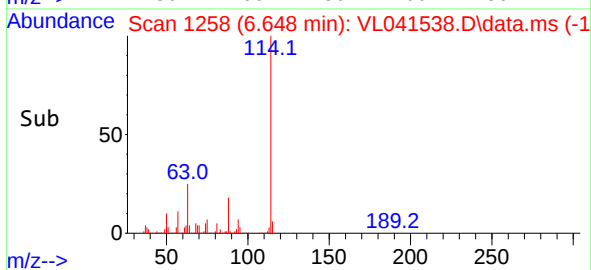
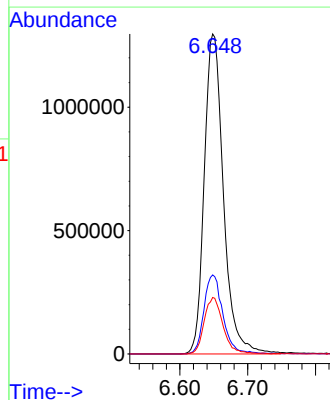
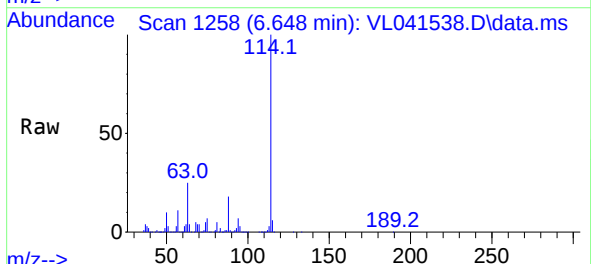
Instrument :
MSVOA_L
ClientSampleId :
QC081224 CAN 10448

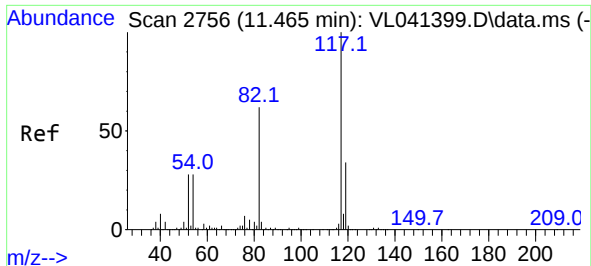
Tgt Ion: 49 Resp: 955718
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 60.8 30.8 92.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Tgt Ion: 114 Resp: 2550647
Ion Ratio Lower Upper
114 100
63 24.7 20.3 30.5
88 17.5 14.3 21.5

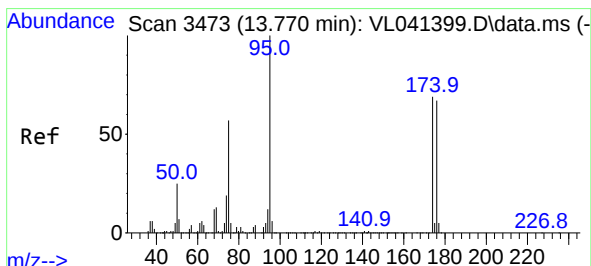
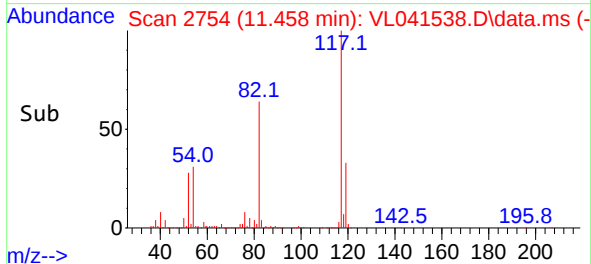
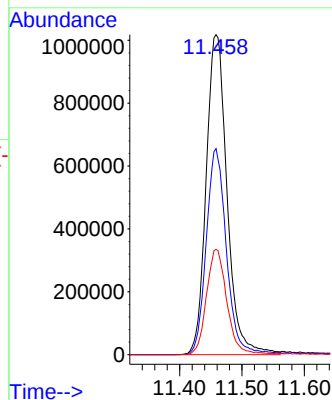
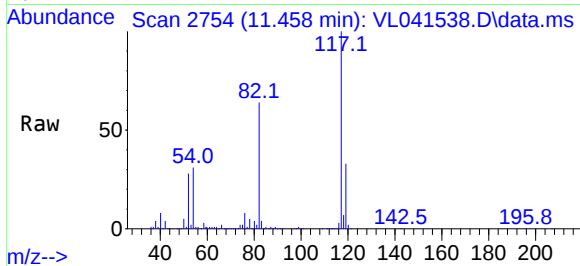




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Instrument :
MSVOA_L
ClientSampleId :
QC081224 CAN 10448

Tgt Ion:117 Resp: 2369899
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 32.8 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.821 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.000 min
Lab File: VL041538.D
Acq: 13 Aug 2024 7:36

Tgt Ion: 95 Resp: 1791058
Ion Ratio Lower Upper
95 100
174 70.6 56.3 84.5
175 5.0 4.0 6.0

