

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041407.D
 Acq On : 25 Jul 2024 20:56
 Operator : SY/MD
 Sample : VL0725ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABL01

Quant Time: Jul 29 01:42:59 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 : Fri Jul 26 07:31:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1167739	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3244863	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3002798	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2317109	10.027	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

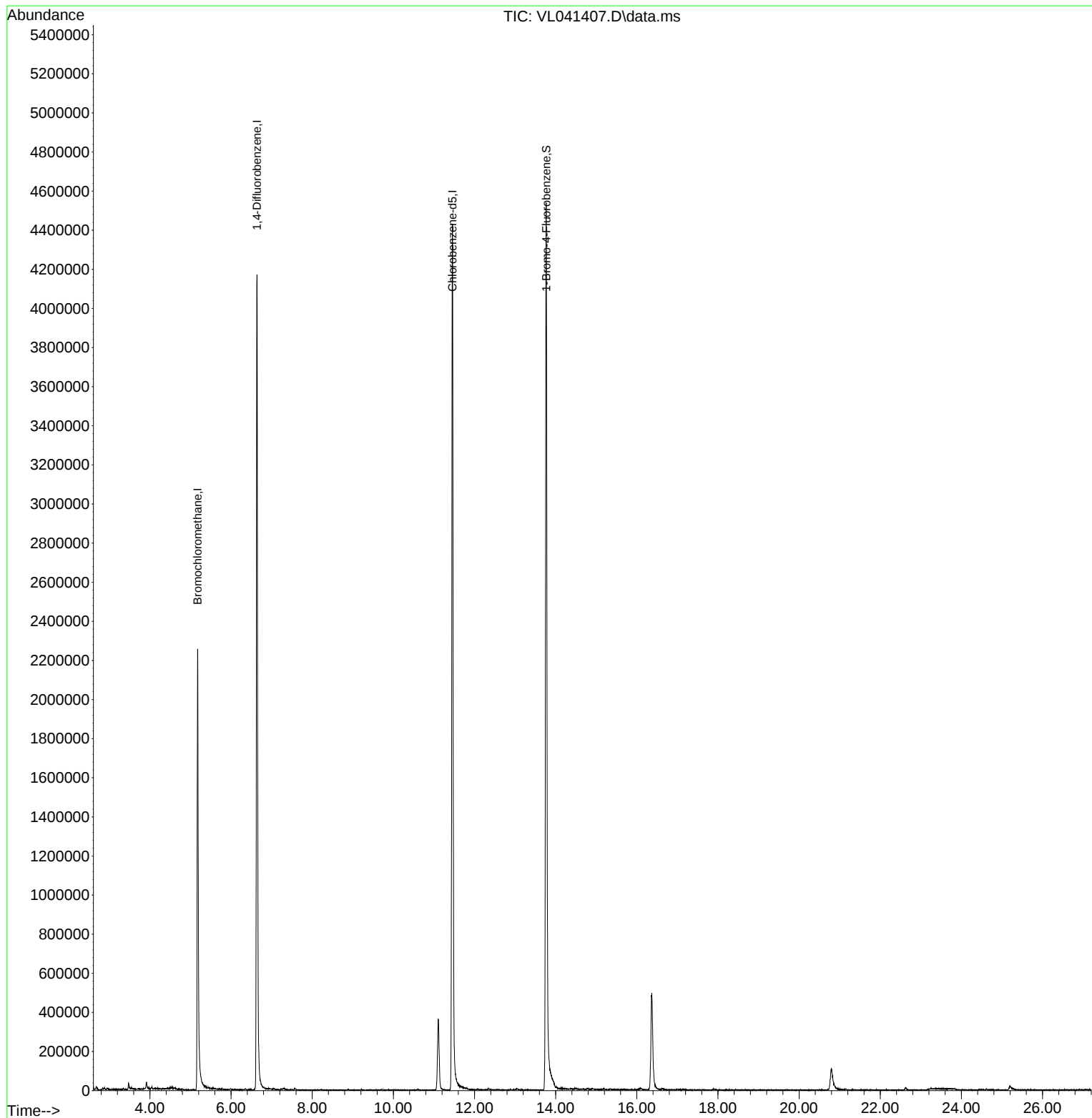
Target Compounds	Qvalue

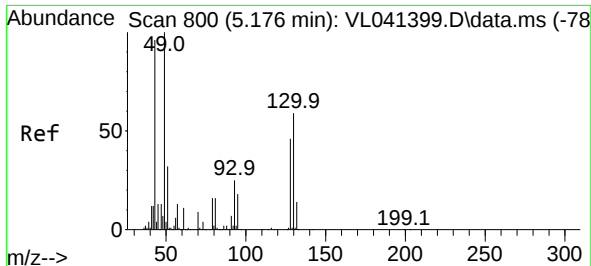
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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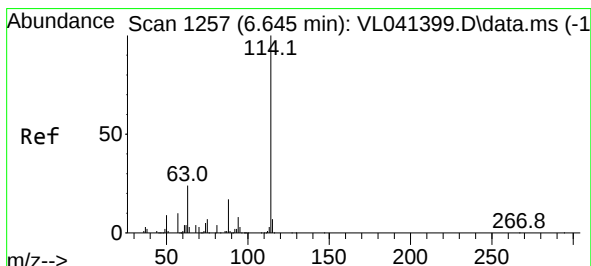
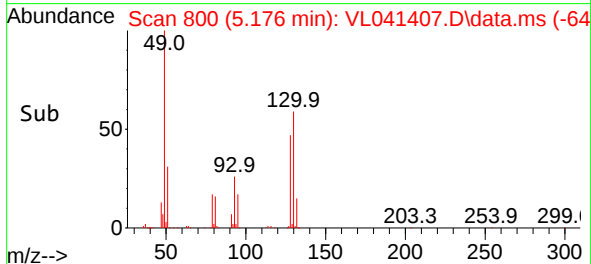
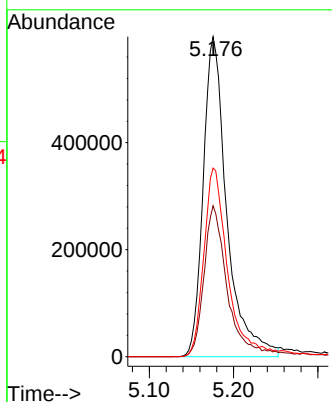
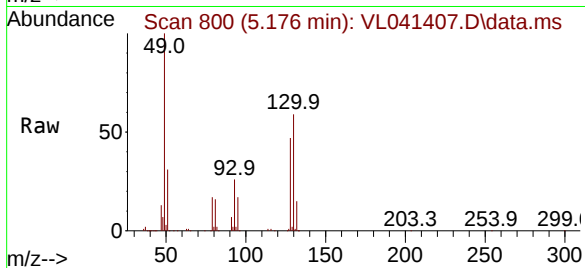




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VL041407.D
 Acq: 25 Jul 2024 20:56

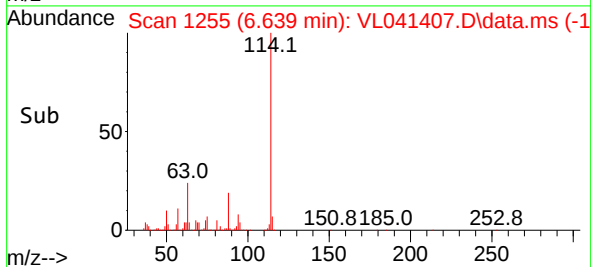
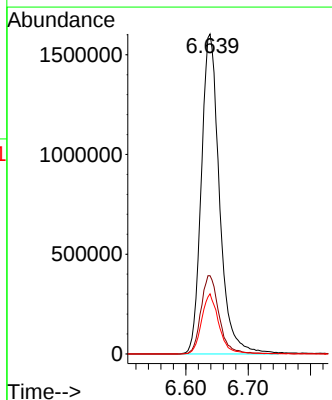
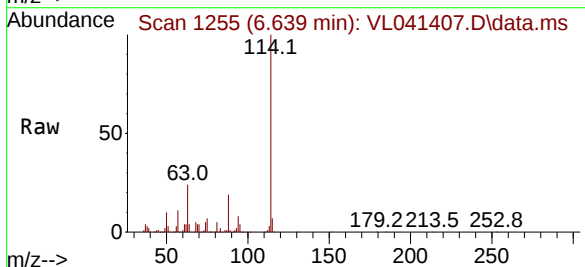
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABL01

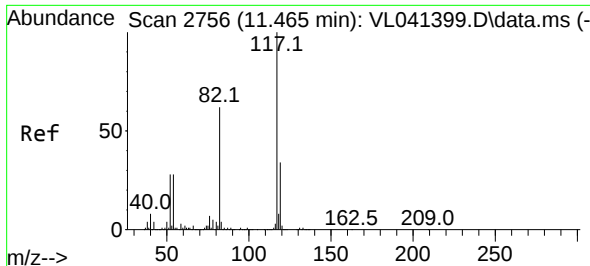
Tgt Ion: 49 Resp: 1167739
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.8 71.4
 130 62.2 30.8 92.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.639 min Scan# 1255
 Delta R.T. -0.006 min
 Lab File: VL041407.D
 Acq: 25 Jul 2024 20:56

Tgt Ion: 114 Resp: 3244863
 Ion Ratio Lower Upper
 114 100
 63 24.5 20.3 30.5
 88 18.0 14.3 21.5

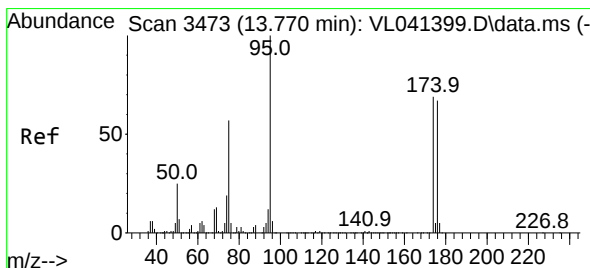
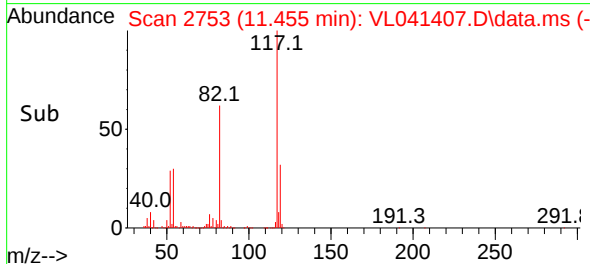
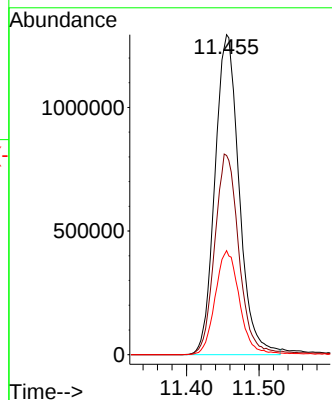
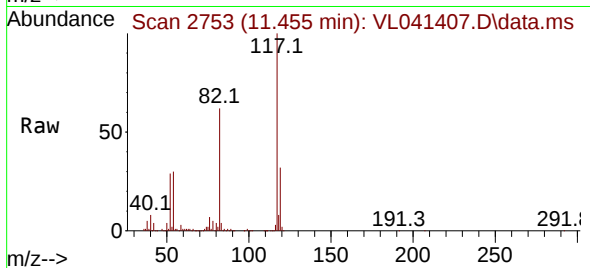




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABL01

Tgt Ion:117 Resp: 3002798
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 32.8 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.027 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

Tgt Ion: 95 Resp: 2317109
Ion Ratio Lower Upper
95 100
174 71.3 56.3 84.5
175 5.0 4.0 6.0

