

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041846.D
 Acq On : 07 Jan 2025 15:55
 Operator : SY/MD
 Sample : VL0107ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABL01

Quant Time: Jan 08 03:55:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	90245	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	205689	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	171847	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	136731	9.290	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%

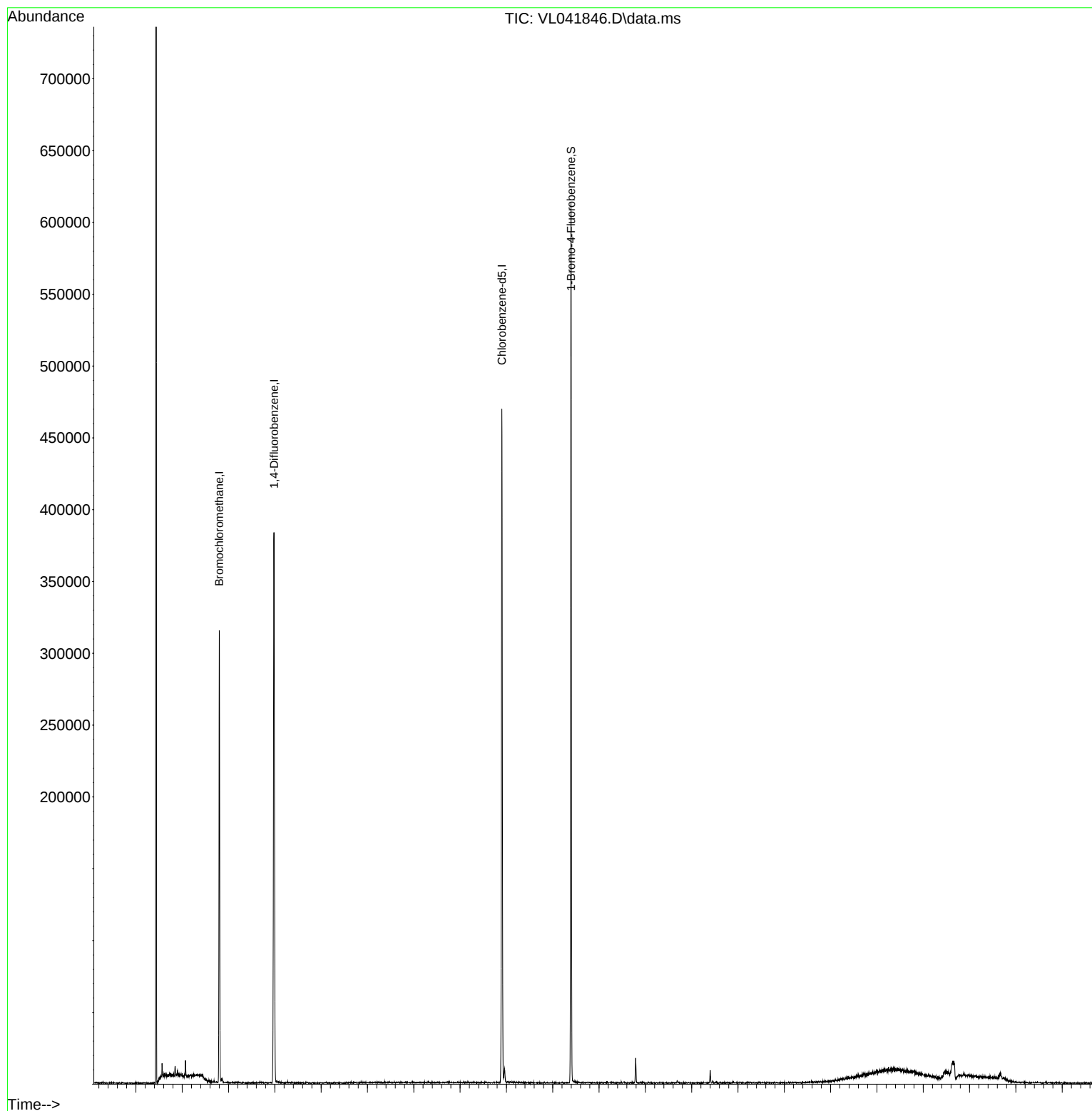
Target Compounds	Qvalue

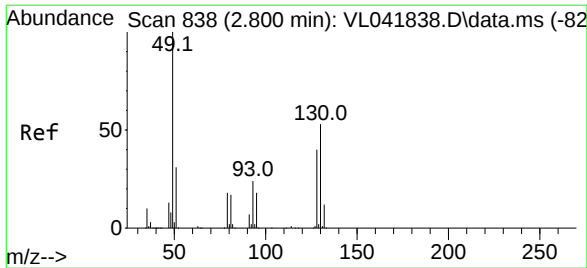
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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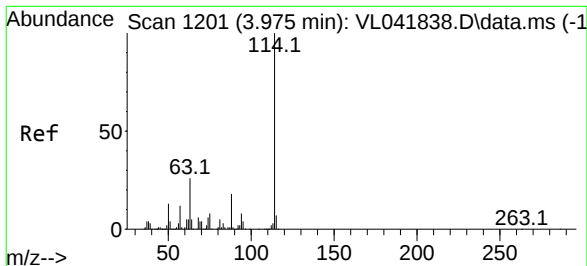
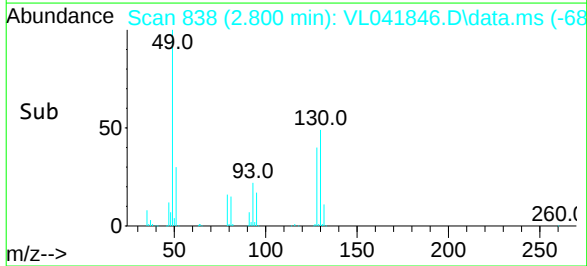
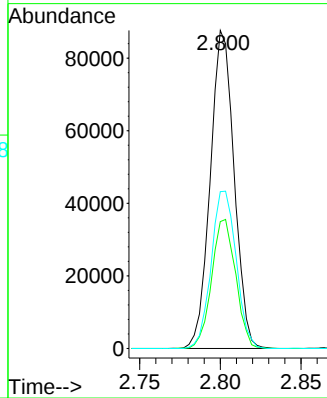
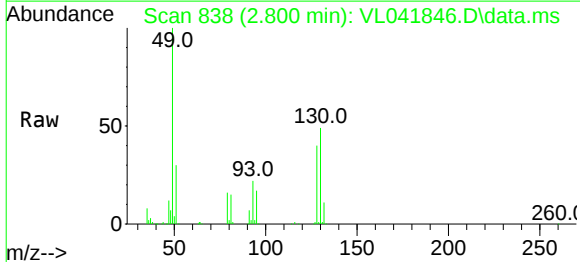




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VL041846.D
 Acq: 07 Jan 2025 15:55

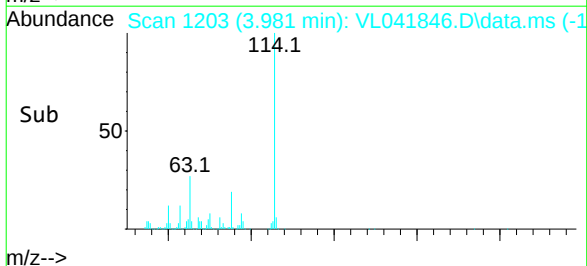
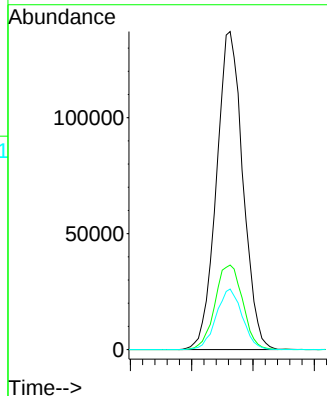
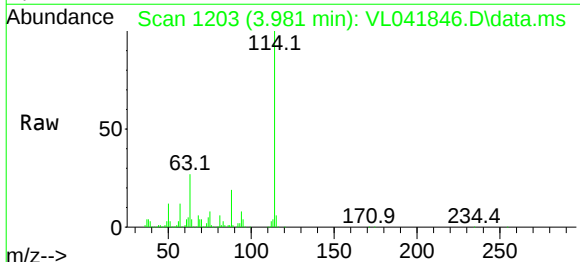
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABL01

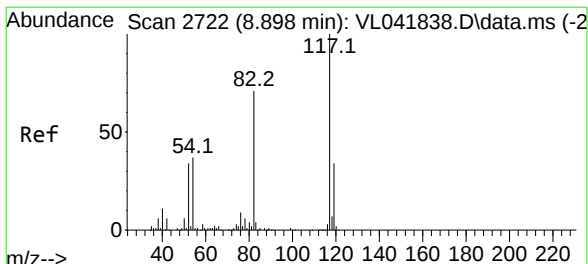
Tgt Ion: 49 Resp: 90245
 Ion Ratio Lower Upper
 49 100
 128 40.9 19.7 59.1
 130 51.7 26.4 79.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.981 min Scan# 1203
 Delta R.T. 0.007 min
 Lab File: VL041846.D
 Acq: 07 Jan 2025 15:55

Tgt Ion: 114 Resp: 205689
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.3 33.5
 88 18.7 14.9 22.3

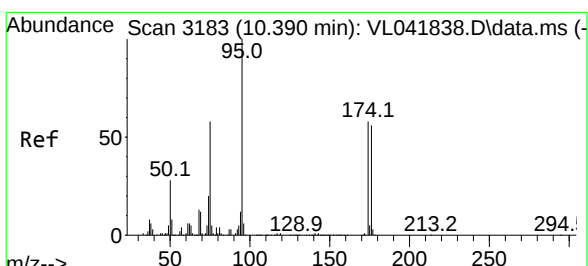
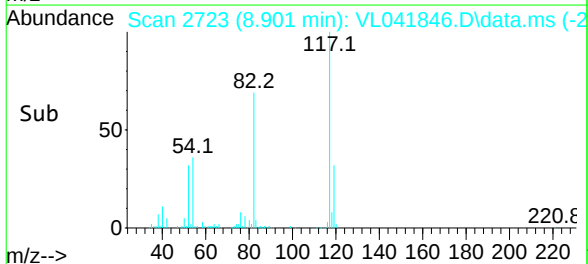
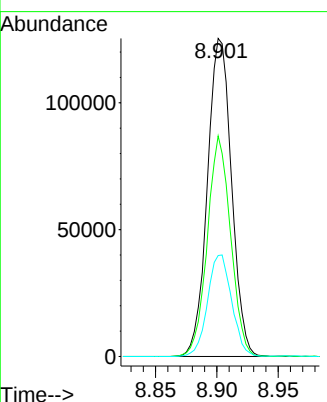
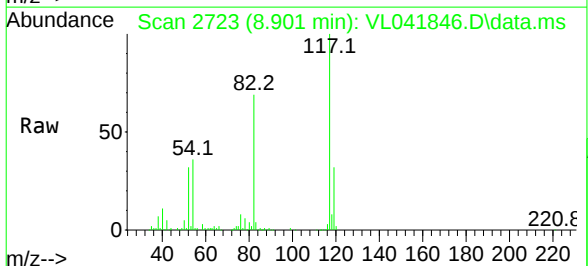




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.901 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VL041846.D
 Acq: 07 Jan 2025 15:55

Instrument :
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Tgt Ion:	117	Resp:	171847
Ion	Ratio	Lower	Upper
117	100		
82	66.9	59.1	88.7
119	31.9	27.3	40.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.290 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041846.D
 Acq: 07 Jan 2025 15:55

Tgt Ion:	95	Resp:	136731
Ion	Ratio	Lower	Upper
95	100		
174	59.2	47.6	71.4
175	4.5	3.8	5.6

