

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041960.D
 Acq On : 03 Feb 2025 12:05
 Operator : SY/MD
 Sample : VL0203ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0203ABL02

Quant Time: Feb 04 02:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	151198	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	407814	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	347345	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	262058	9.579	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%

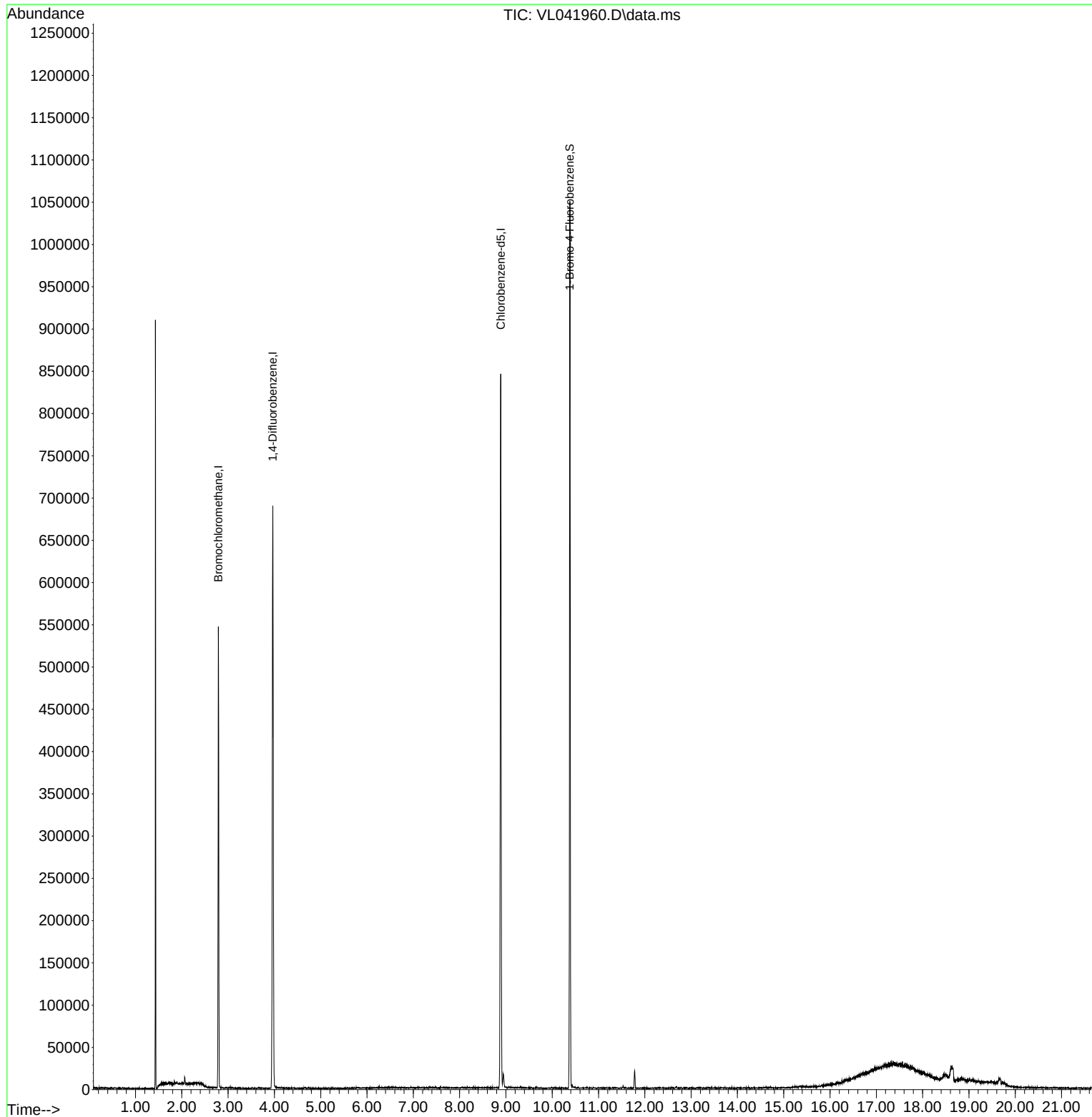
Target Compounds	Qvalue

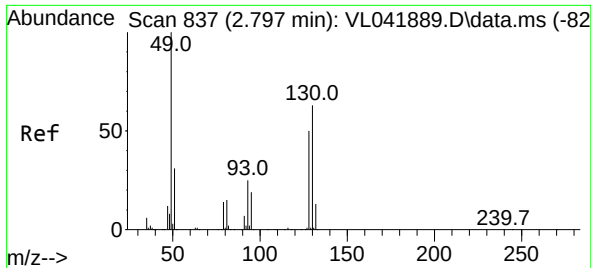
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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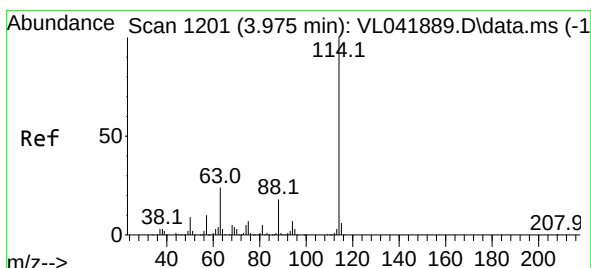
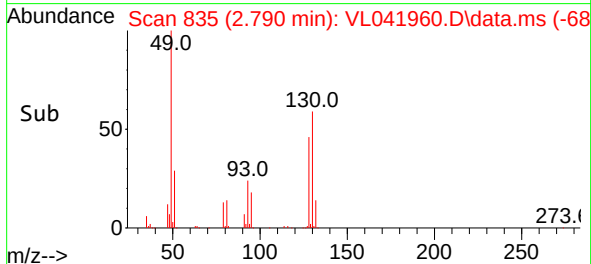
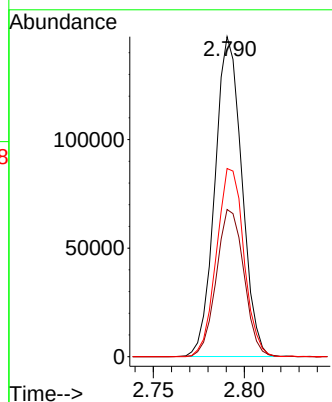
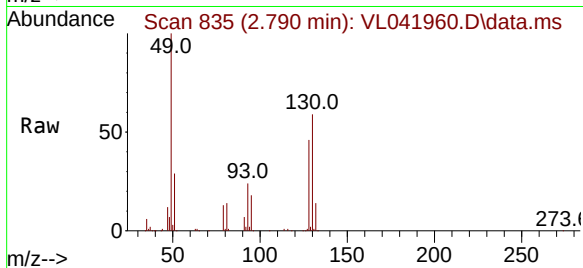




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041960.D
 Acq: 03 Feb 2025 12:05

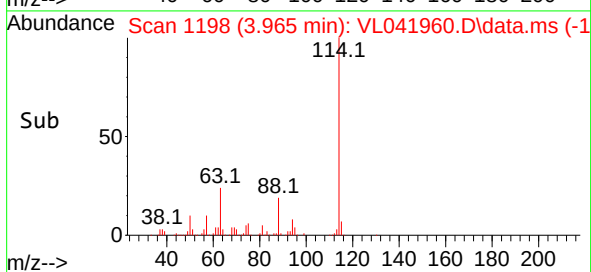
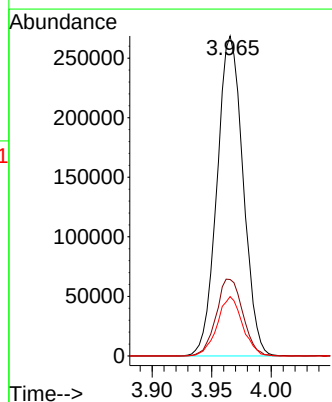
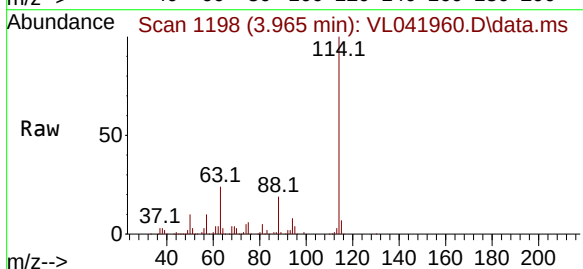
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0203ABL02

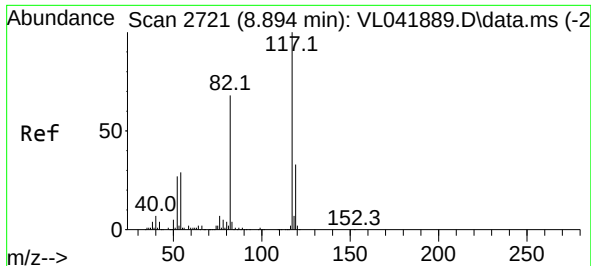
Tgt Ion: 49 Resp: 151198
 Ion Ratio Lower Upper
 49 100
 128 47.2 24.3 73.0
 130 60.1 31.1 93.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. -0.009 min
 Lab File: VL041960.D
 Acq: 03 Feb 2025 12:05

Tgt Ion: 114 Resp: 407814
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.8 29.6
 88 18.0 14.4 21.6

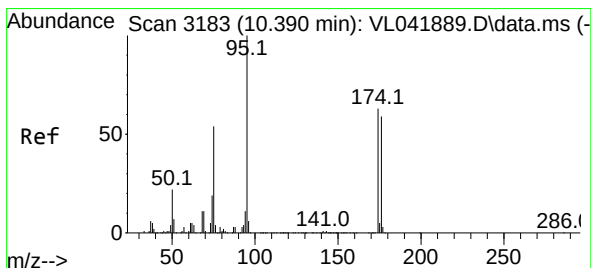
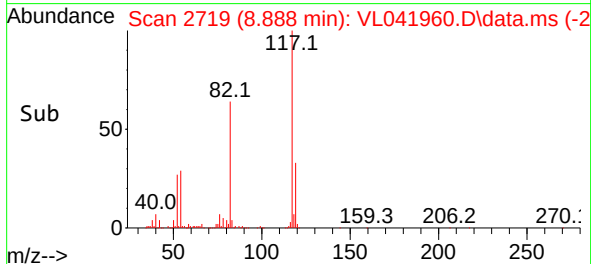
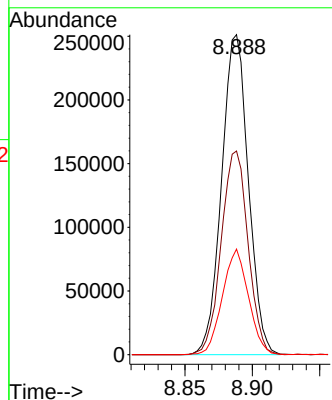
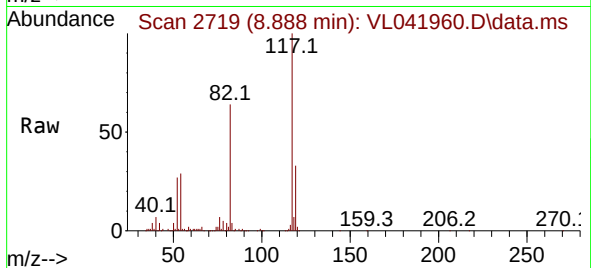




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABL02

Tgt Ion:117 Resp: 347345
Ion Ratio Lower Upper
117 100
82 63.8 54.2 81.4
119 32.3 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.579 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.009 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

Tgt Ion: 95 Resp: 262058
Ion Ratio Lower Upper
95 100
174 59.9 49.0 73.4
175 4.4 3.8 5.8

