

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042774.D
 Acq On : 29 Jul 2025 09:16
 Operator : SY/MD
 Sample : VL0729ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0729ABL01

Quant Time: Jul 30 01:06:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	145155	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	404421	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	360190	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	281407	9.865	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

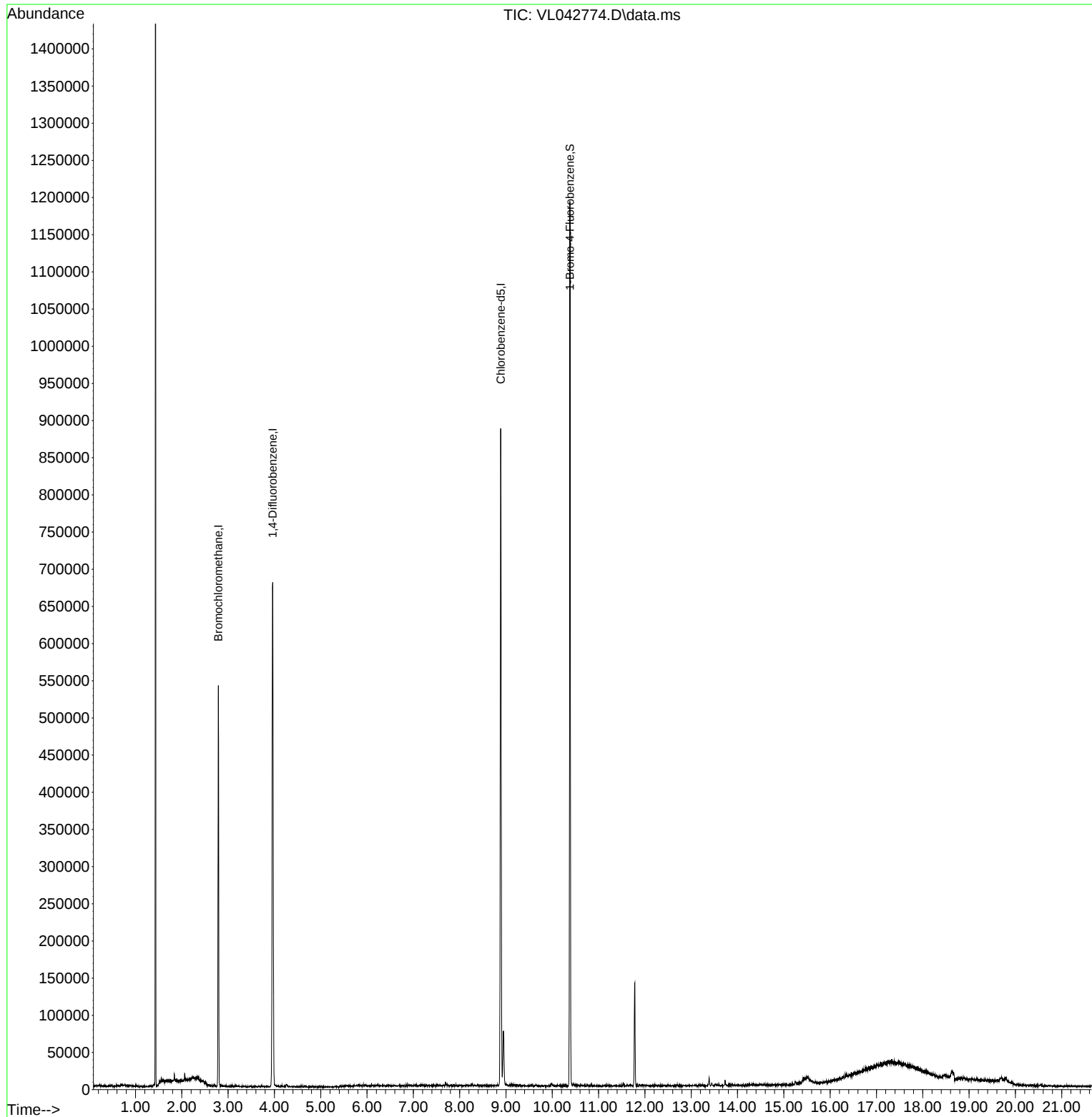
Target Compounds	Qvalue

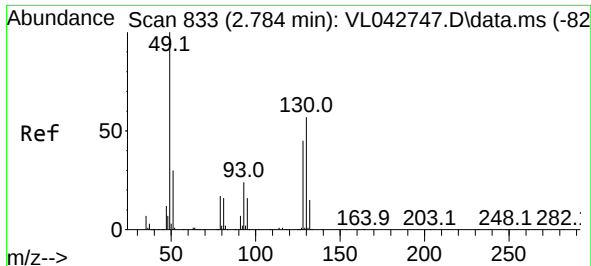
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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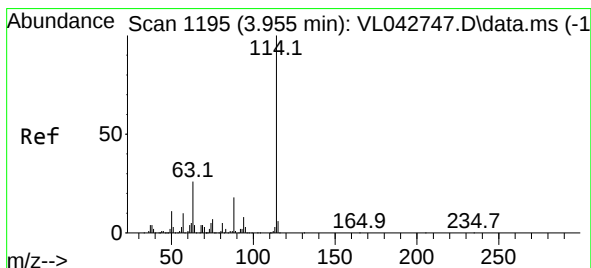
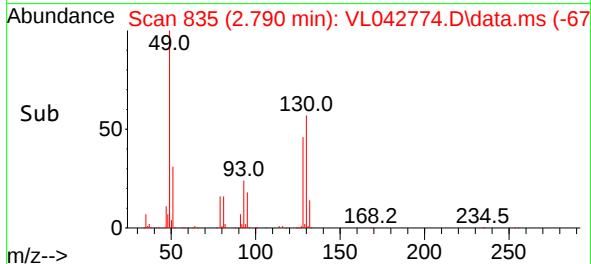
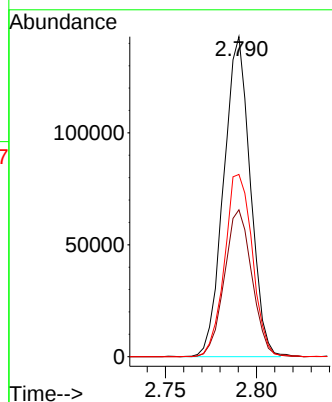
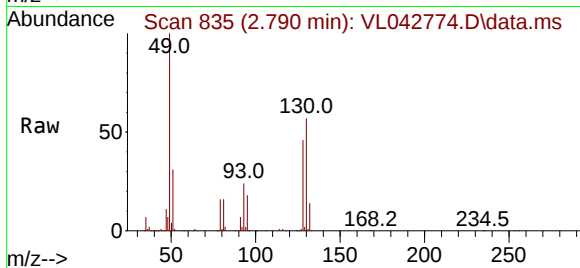




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042774.D
 Acq: 29 Jul 2025 09:16

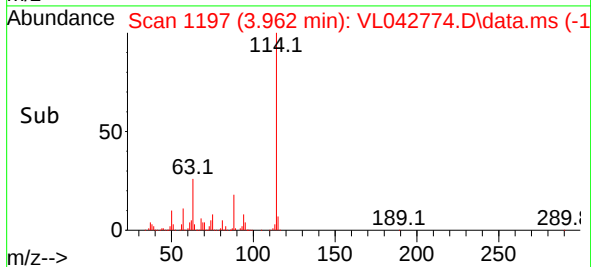
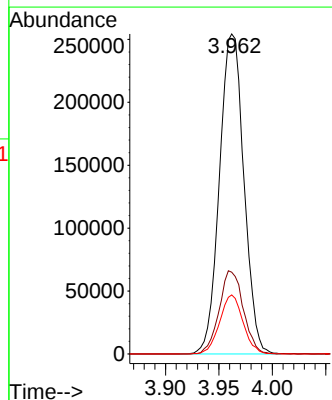
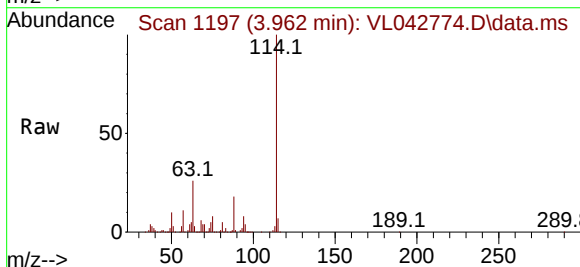
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0729ABL01

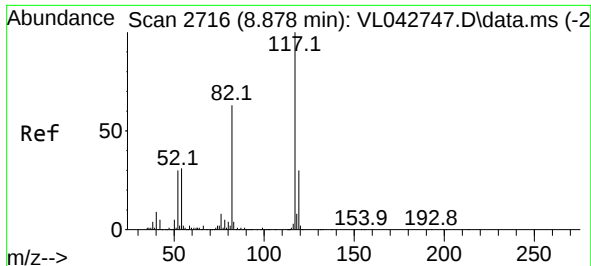
Tgt Ion: 49 Resp: 145155
 Ion Ratio Lower Upper
 49 100
 128 47.4 23.6 71.0
 130 59.6 30.3 90.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.007 min
 Lab File: VL042774.D
 Acq: 29 Jul 2025 09:16

Tgt Ion: 114 Resp: 404421
 Ion Ratio Lower Upper
 114 100
 63 25.8 20.5 30.7
 88 17.7 14.0 21.0

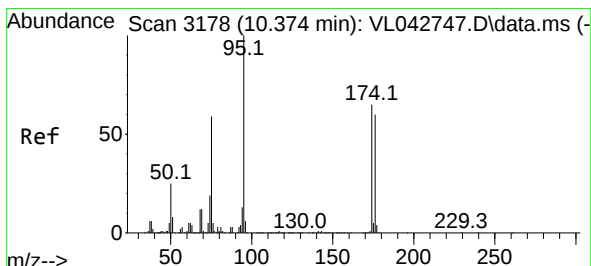
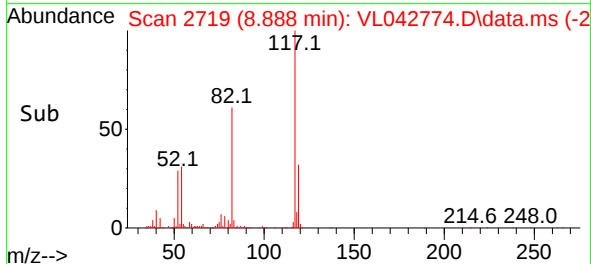
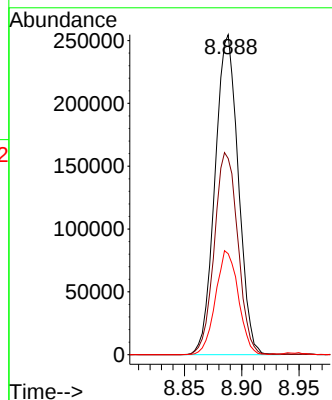
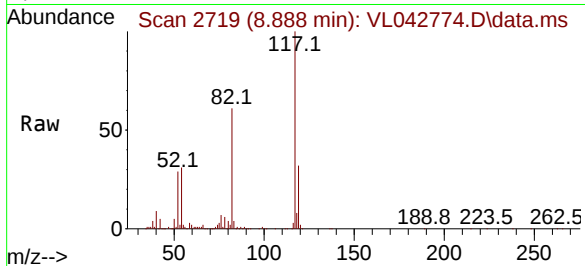




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042774.D
Acq: 29 Jul 2025 09:16

Instrument :
MSVOA_L
ClientSampleId :
VL0729ABL01

Tgt Ion:117 Resp: 360190
Ion Ratio Lower Upper
117 100
82 63.9 53.3 79.9
119 31.9 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.865 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.007 min
Lab File: VL042774.D
Acq: 29 Jul 2025 09:16

Tgt Ion: 95 Resp: 281407
Ion Ratio Lower Upper
95 100
174 66.0 53.8 80.6
175 5.0 4.0 6.0

