

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043071.D
 Acq On : 08 Oct 2025 22:43
 Operator : SY/MD
 Sample : Q3320-13DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Quant Time: Oct 09 01:25:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

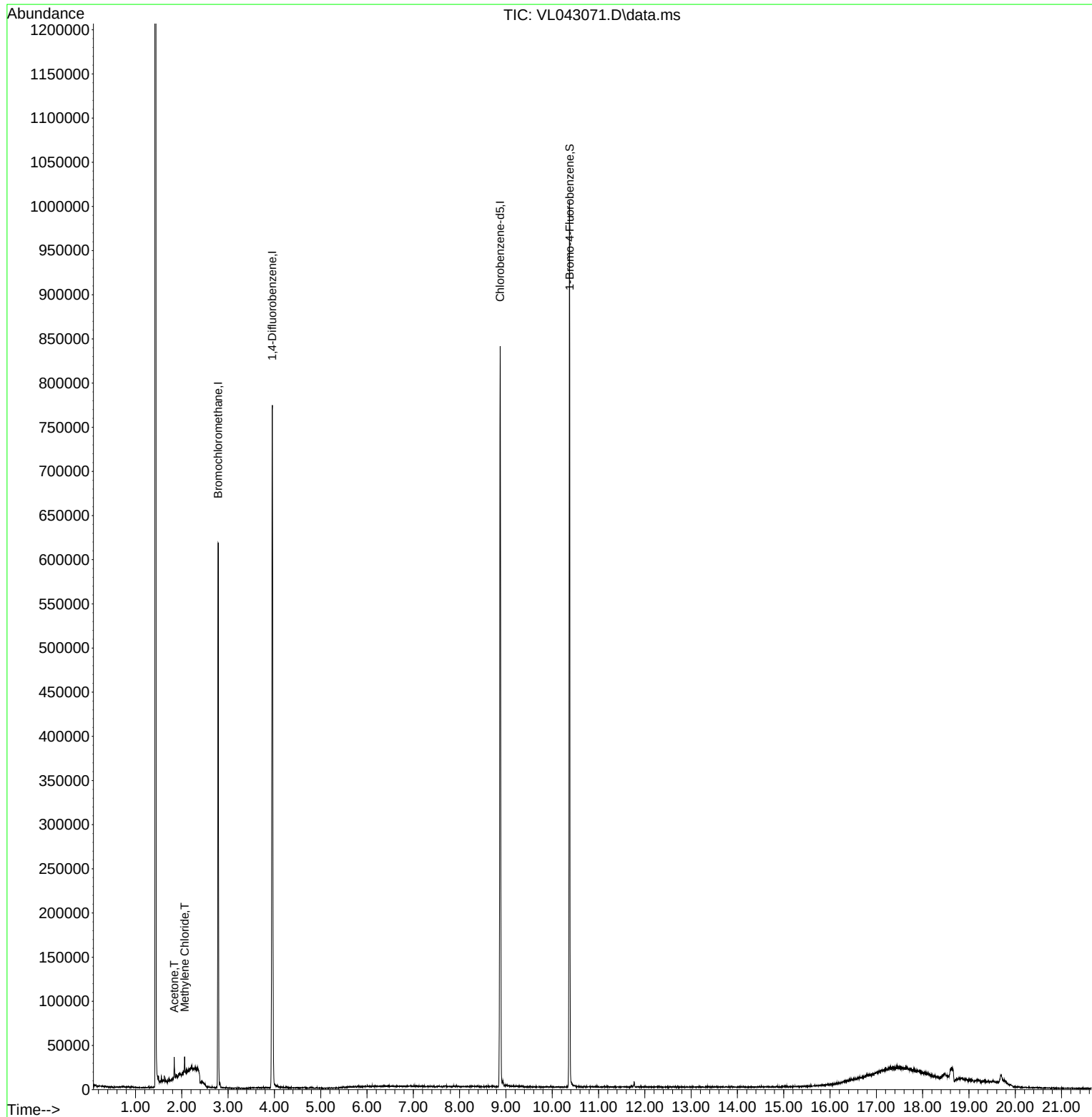
Internal Standards						
1) Bromochloromethane	2.784	49	165692	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	425630	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.875	117	331771	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	229192	9.590	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
15) Acetone	1.835	43	9361	0.403	ppbv #	89
20) Methylene Chloride	2.062	84	2814	0.278	ppbv	95

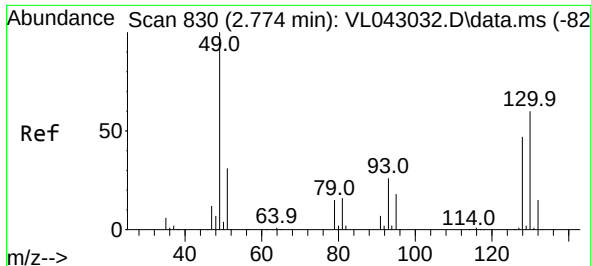
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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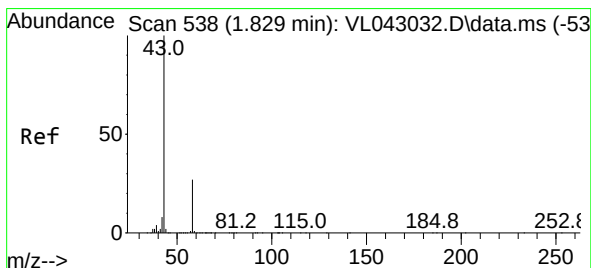
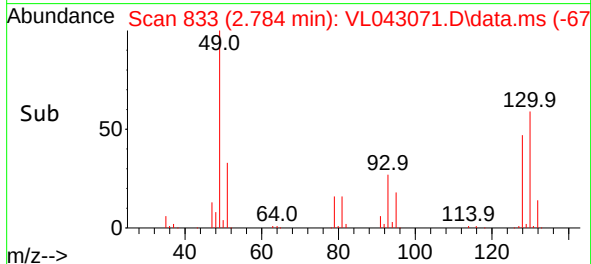
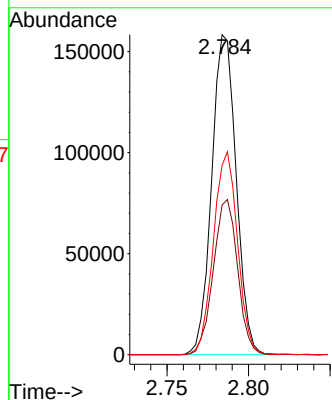
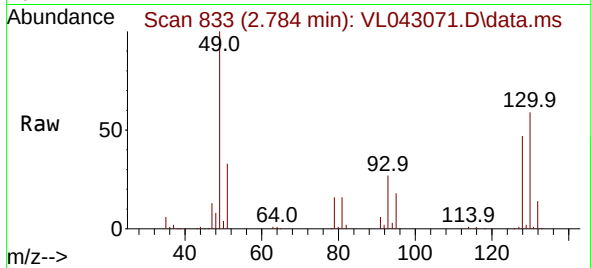




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

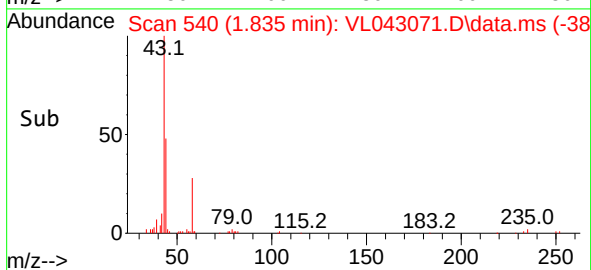
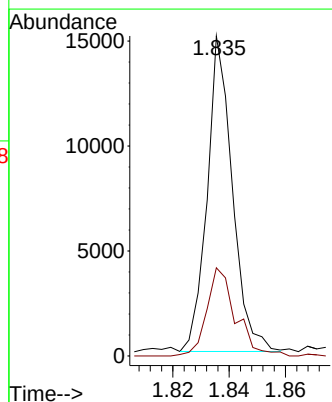
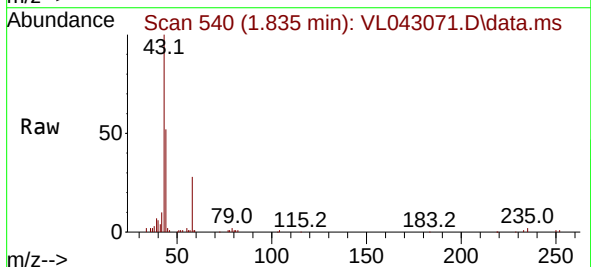
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

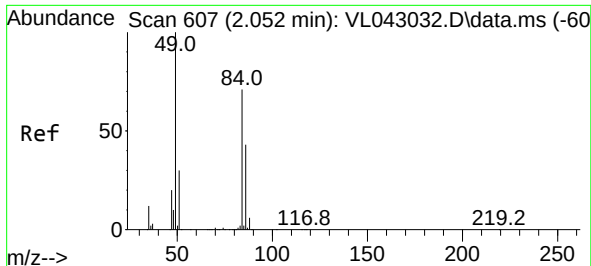
Tgt Ion: 49 Resp: 165692
Ion Ratio Lower Upper
49 100
128 48.1 24.1 72.2
130 62.4 31.4 94.3



#15
Acetone
Concen: 0.403 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.007 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

Tgt Ion: 43 Resp: 9361
Ion Ratio Lower Upper
43 100
58 33.4 22.2 33.4#



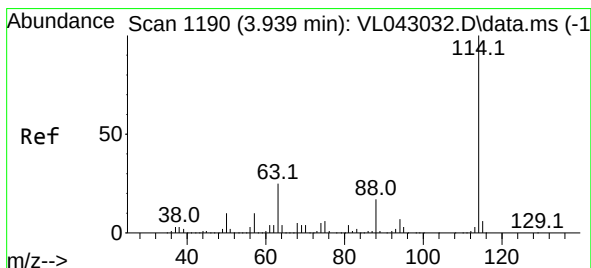
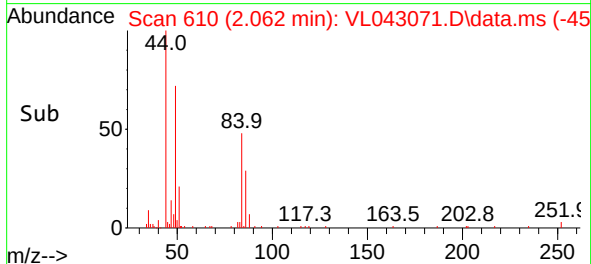
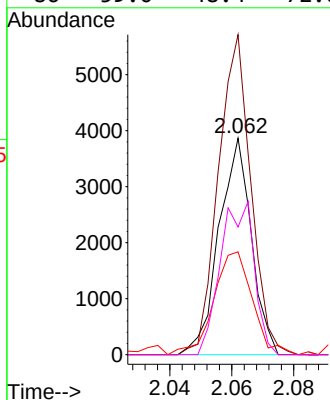
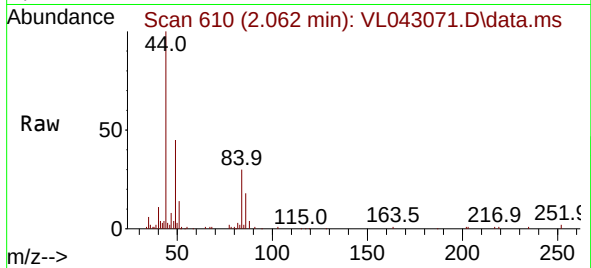


#20
Methylene Chloride
Concen: 0.278 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.010 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 84 Resp: 2814

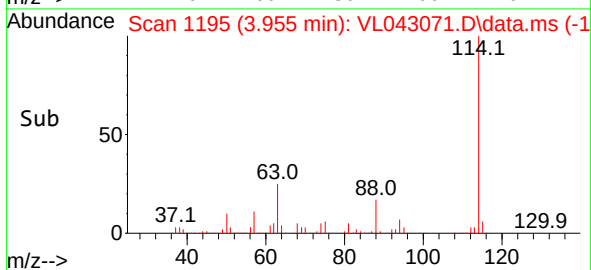
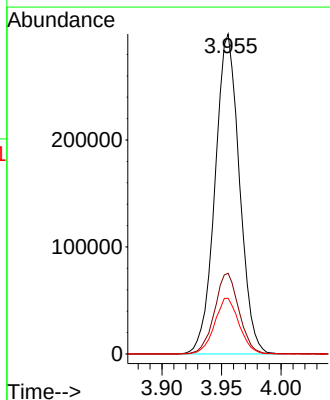
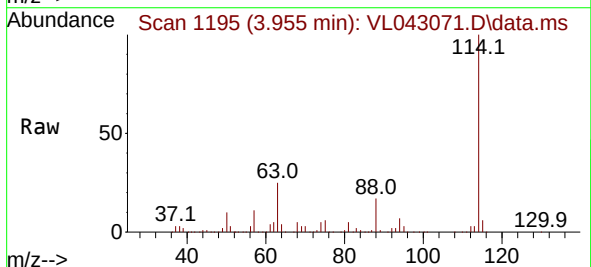
Ion	Ratio	Lower	Upper
84	100		
49	147.8	112.5	168.7
51	45.0	34.2	51.2
86	59.0	48.4	72.6

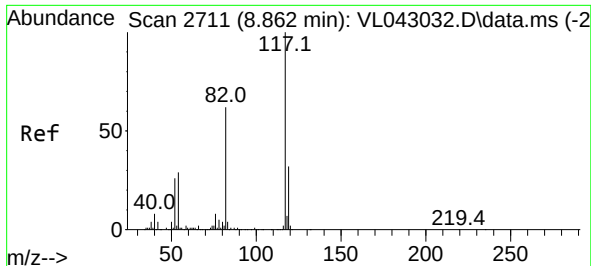


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.016 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

Tgt Ion: 114 Resp: 425630

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.4	29.2
88	17.5	13.9	20.9

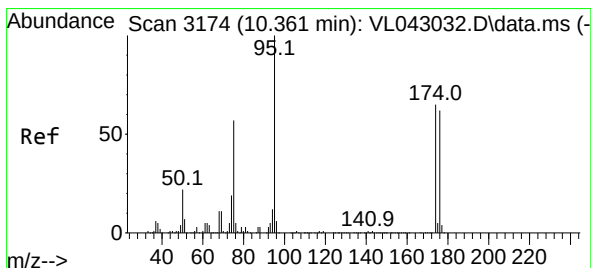
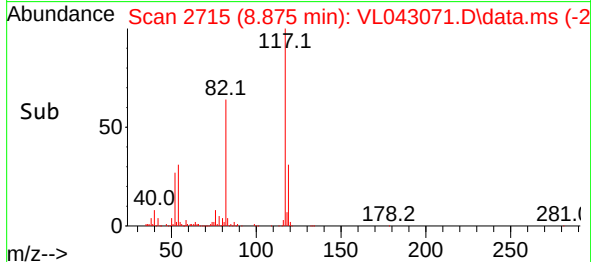
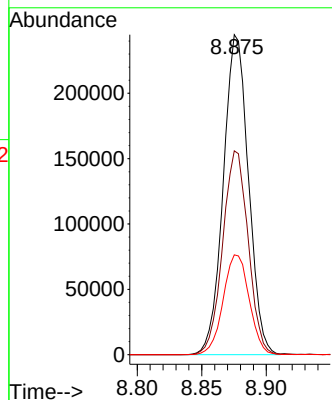
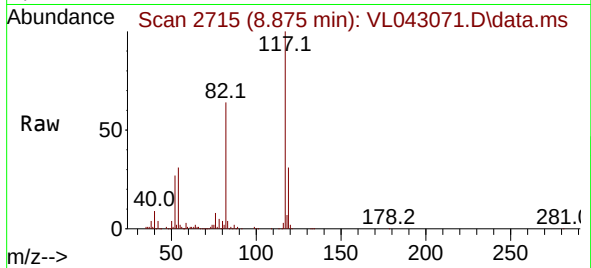




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 331771
Ion Ratio Lower Upper
117 100
82 64.6 53.0 79.6
119 32.4 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.590 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.013 min
Lab File: VL043071.D
Acq: 08 Oct 2025 22:43

Tgt Ion: 95 Resp: 229192
Ion Ratio Lower Upper
95 100
174 65.6 52.3 78.5
175 4.7 3.8 5.8

