

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042315.D
 Acq On : 11 Apr 2025 12:08
 Operator : SY/MD
 Sample : QC041025CAN 10596
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041025CAN 10596

Quant Time: Apr 11 23:13:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

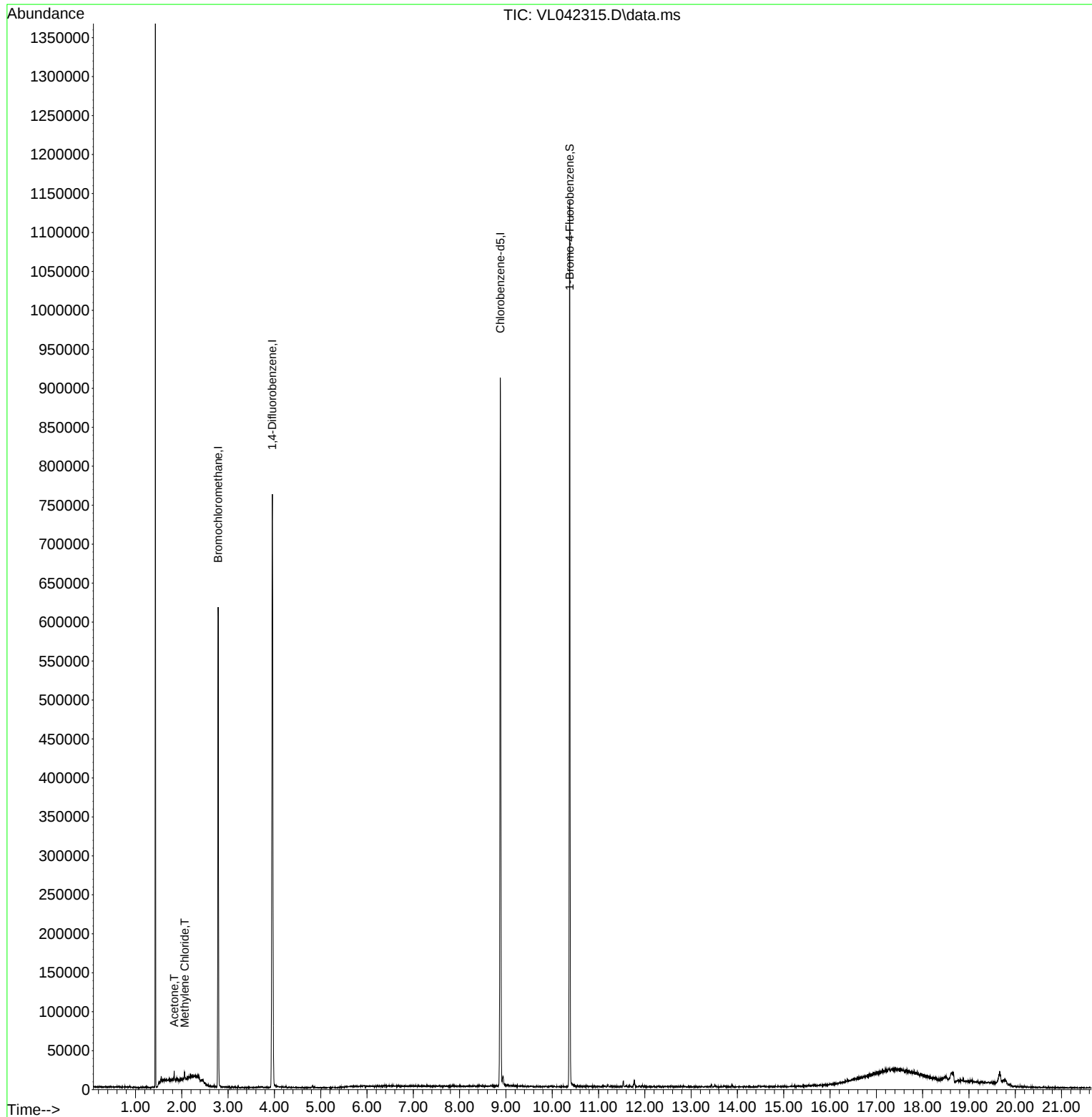
Internal Standards						
1) Bromochloromethane	2.784	49	174101	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	431750	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	360710	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	265594	8.966	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.700%
Target Compounds						
					Qvalue	
15) Acetone	1.835	43	4737	0.195	ppbv #	86
20) Methylene Chloride	2.062	84	1356	0.150	ppbv #	92

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

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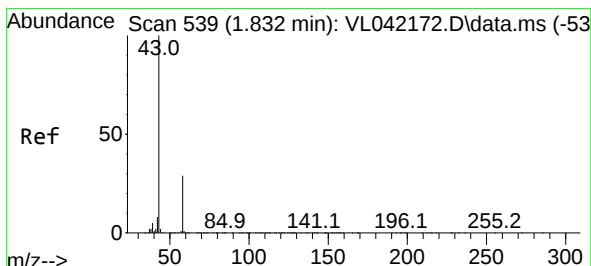
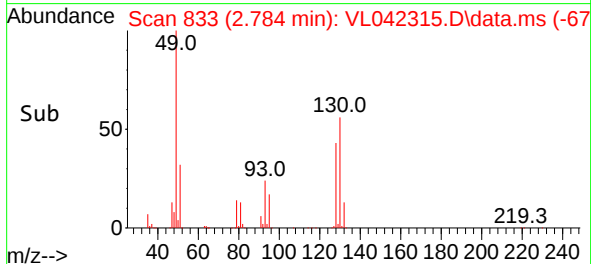
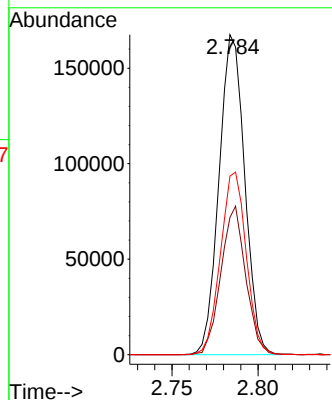
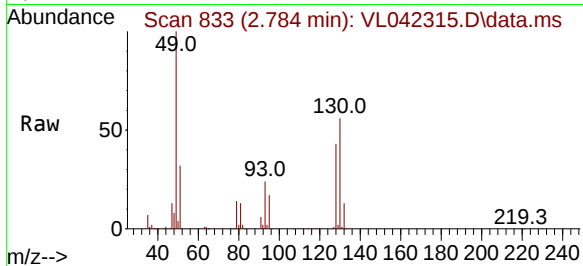




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042315.D
Acq: 11 Apr 2025 12:08

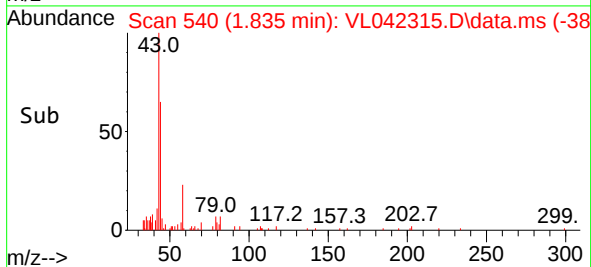
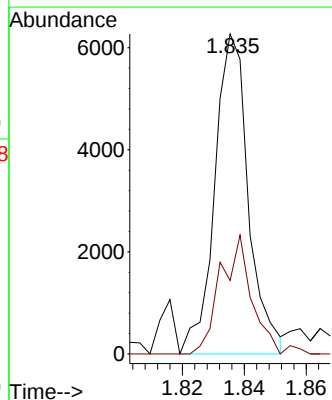
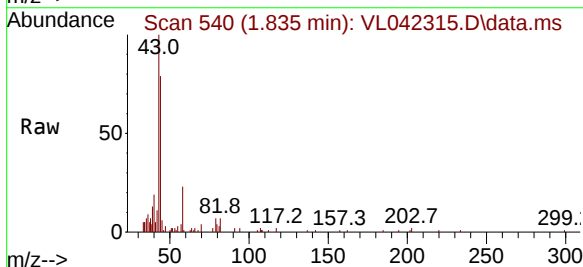
Instrument :
MSVOA_L
ClientSampleId :
QC041025CAN 10596

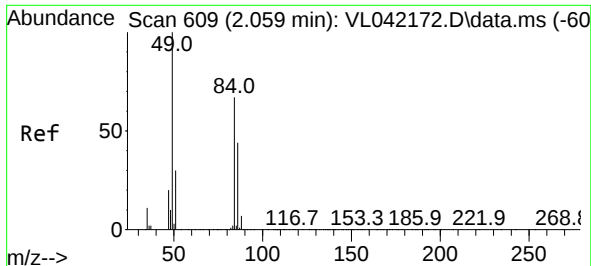
Tgt Ion: 49 Resp: 174101
Ion Ratio Lower Upper
49 100
128 44.9 22.9 68.5
130 57.4 28.8 86.4



#15
Acetone
Concen: 0.195 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042315.D
Acq: 11 Apr 2025 12:08

Tgt Ion: 43 Resp: 4737
Ion Ratio Lower Upper
43 100
58 36.2 23.2 34.8#

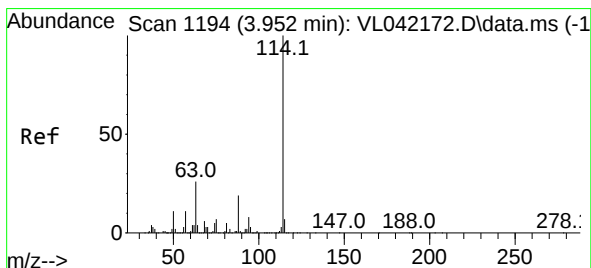
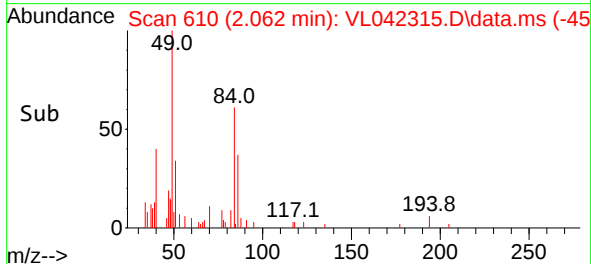
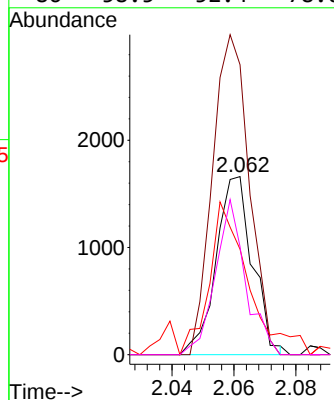
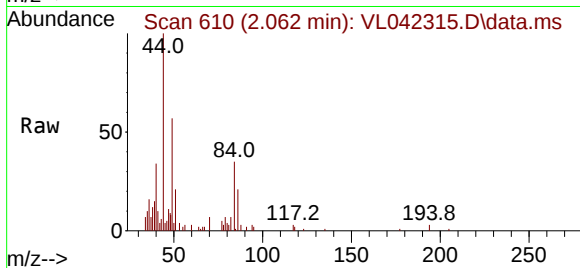




#20
Methylene Chloride
Concen: 0.150 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042315.D
Acq: 11 Apr 2025 12:08

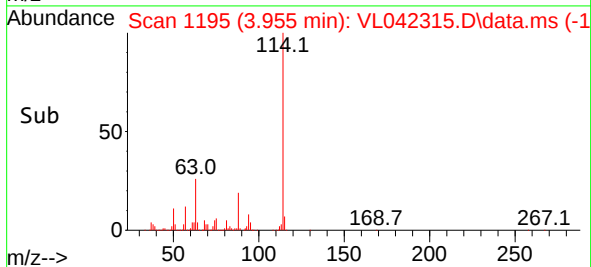
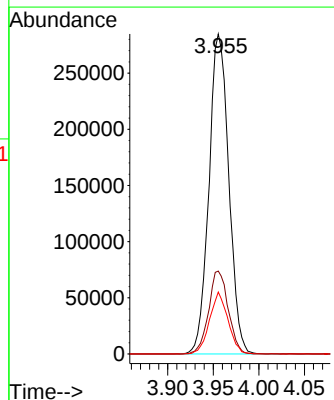
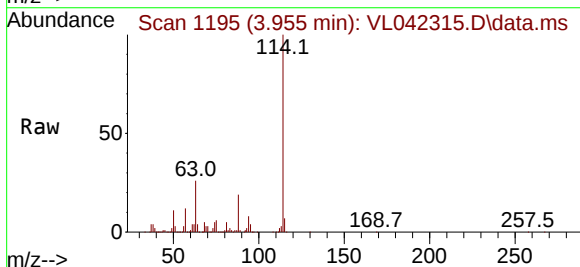
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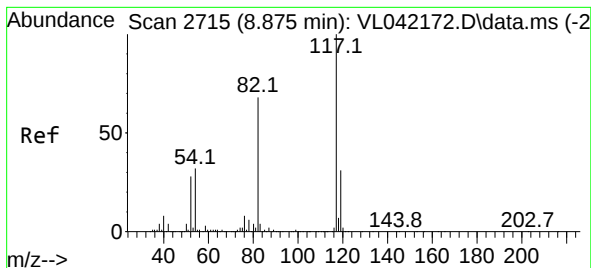
Tgt Ion:	84	Resp:	1356
Ion	Ratio	Lower	Upper
84	100		
49	157.1	120.2	180.4
51	57.1	37.4	56.0
86	58.5	52.4	78.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042315.D
Acq: 11 Apr 2025 12:08

Tgt Ion:	114	Resp:	431750
Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.7	31.1
88	18.0	15.0	22.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.878 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042315.D

Acq: 11 Apr 2025 12:08

Instrument :

MSVOA_L

ClientSampleId :

QC041025CAN 10596

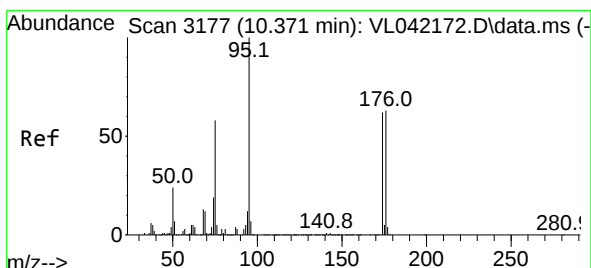
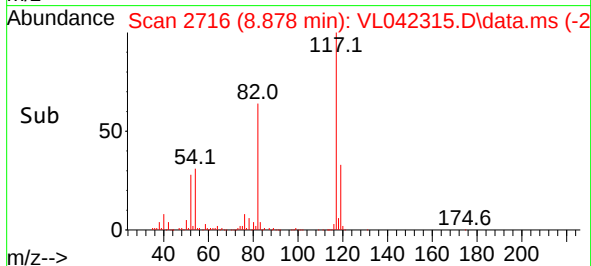
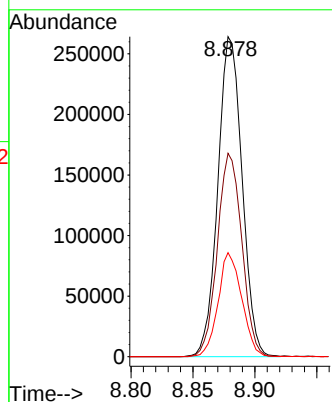
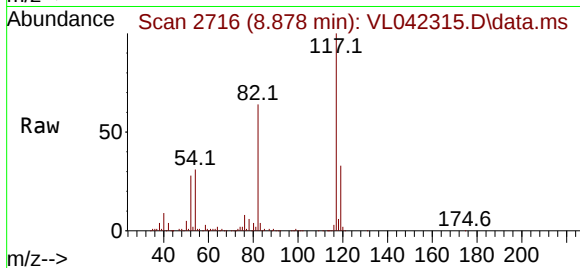
Tgt Ion:117 Resp: 360710

Ion Ratio Lower Upper

117 100

82 64.1 55.8 83.6

119 31.7 25.5 38.3



#68

1-Bromo-4-Fluorobenzene

Concen: 8.966 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.006 min

Lab File: VL042315.D

Acq: 11 Apr 2025 12:08

Tgt Ion: 95 Resp: 265594

Ion Ratio Lower Upper

95 100

174 64.6 50.6 76.0

175 4.5 3.8 5.6

