

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042414.D
 Acq On : 22 Apr 2025 07:47
 Operator : SY/MD
 Sample : Q1844-01DL2 600X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
 Supervised By :Mahesh Dadoda 04/22/2025

Quant Time: Apr 22 08:41:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	119088	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	333100	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	281509	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	239958	10.373	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						
						Qvalue
38) Trichloroethene	4.548	130	1726m	0.110	ppbv	
52) Tetrachloroethene	8.231	164	74583	5.371	ppbv	92

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

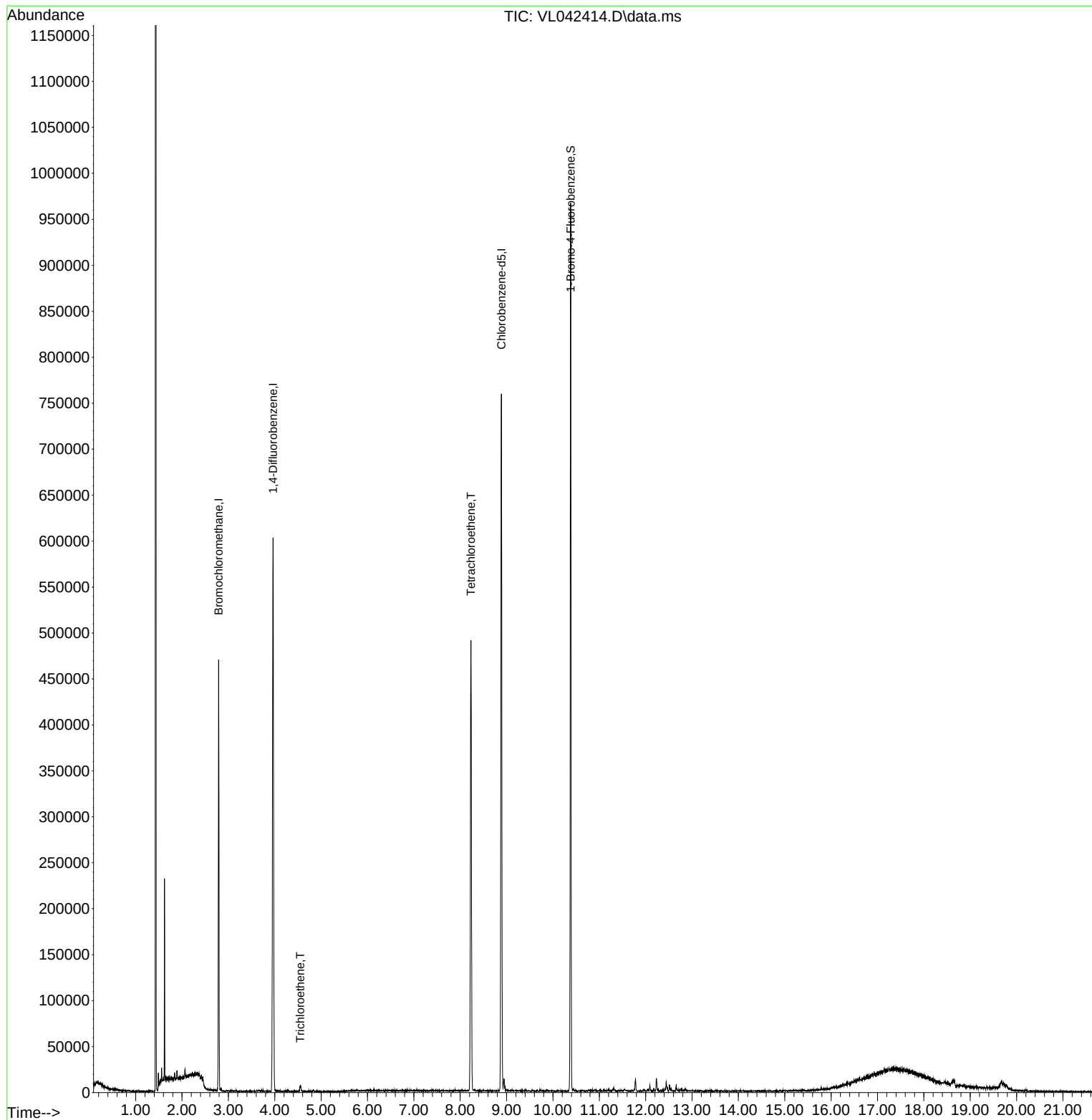
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
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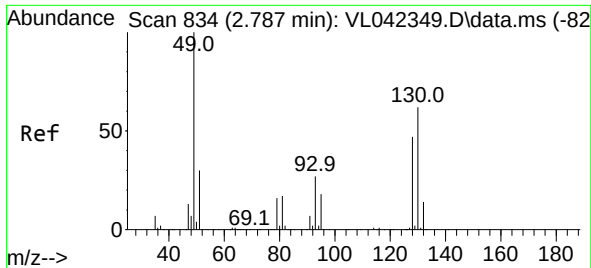
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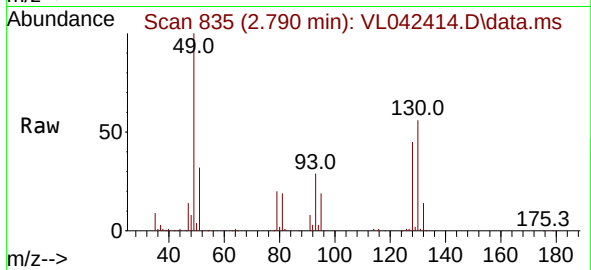
Quant Time: Apr 22 08:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042414.D
Acq: 22 Apr 2025 07:47

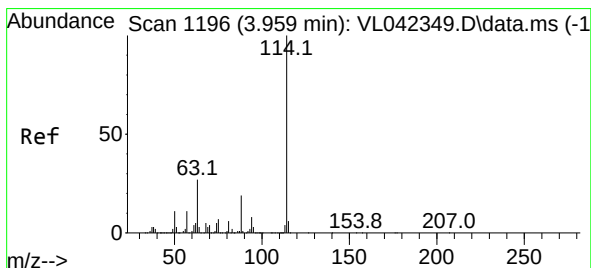
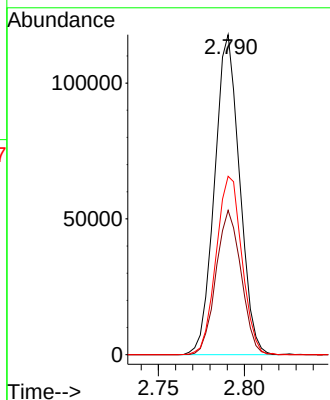
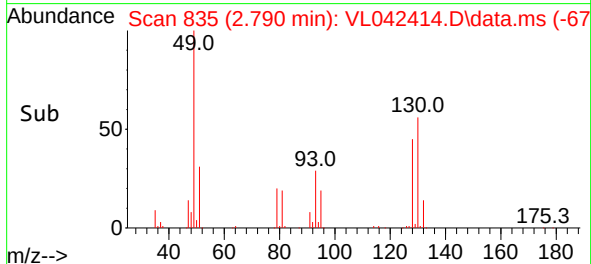
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



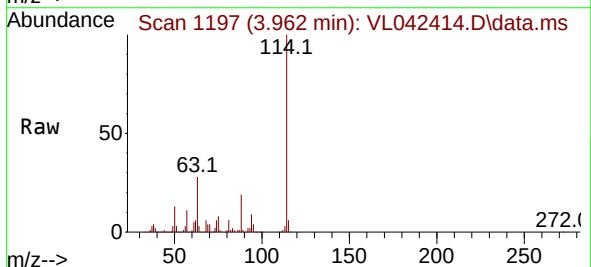
Tgt Ion: 49 Resp: 119088
Ion Ratio Lower Upper
49 100
128 45.3 22.8 68.4
130 57.5 29.3 88.0

Manual Integrations
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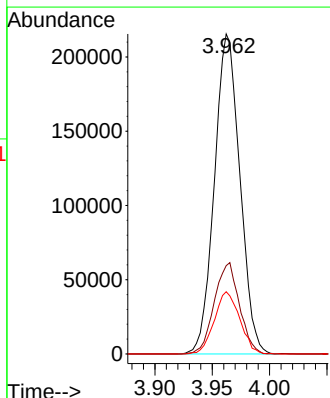
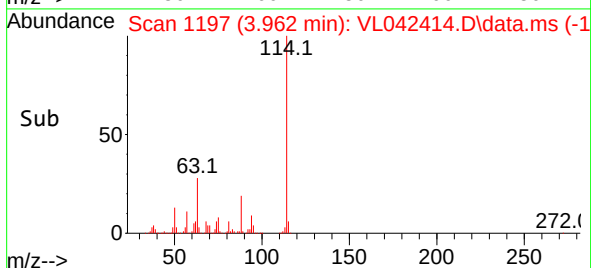
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Supervised By :Mahesh Dadoda 04/22/2025

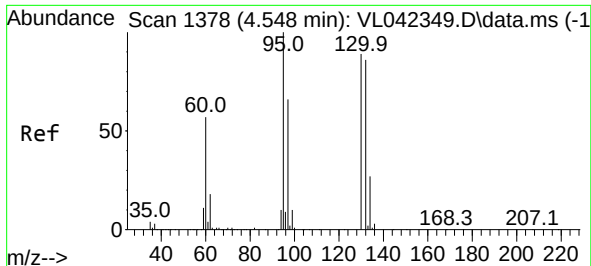


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.004 min
Lab File: VL042414.D
Acq: 22 Apr 2025 07:47



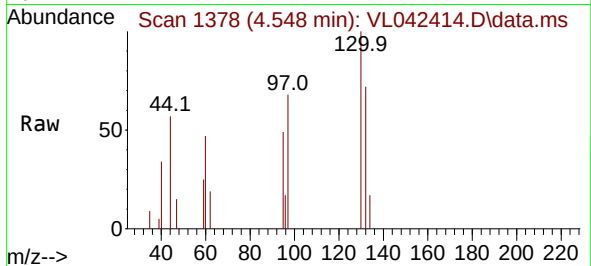
Tgt Ion:114 Resp: 333100
Ion Ratio Lower Upper
114 100
63 28.1 21.8 32.6
88 19.4 15.5 23.3





#38
 Trichloroethene
 Concen: 0.110 ppbv m
 RT: 4.548 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: VL042414.D
 Acq: 22 Apr 2025 07:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

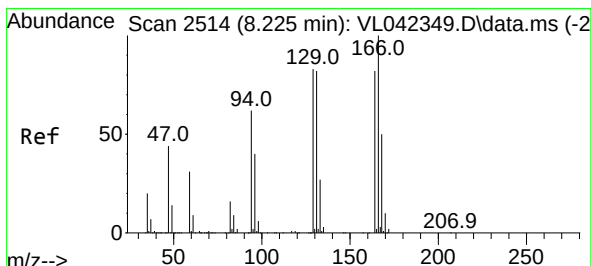
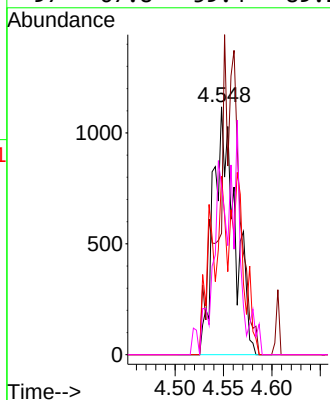
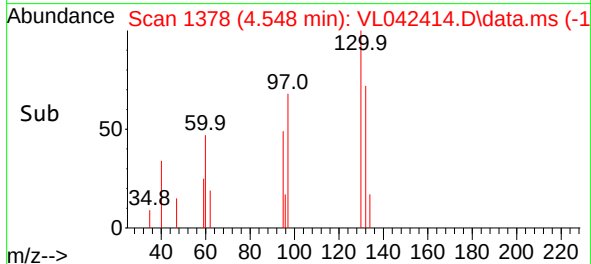


Tgt Ion:130 Resp: 1720

Ion	Ratio	Lower	Upper
130	100		
95	48.9	89.8	134.6
132	71.9	77.7	116.5
97	67.8	59.4	89.2

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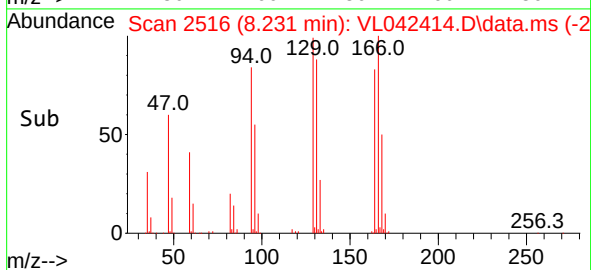
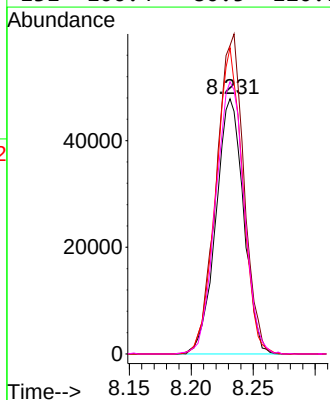
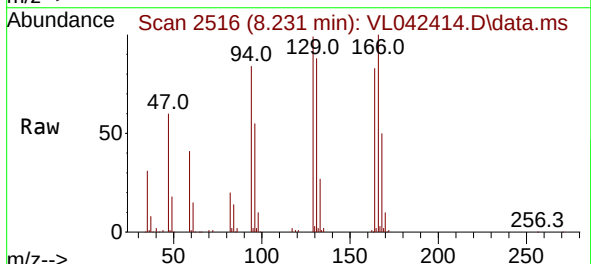
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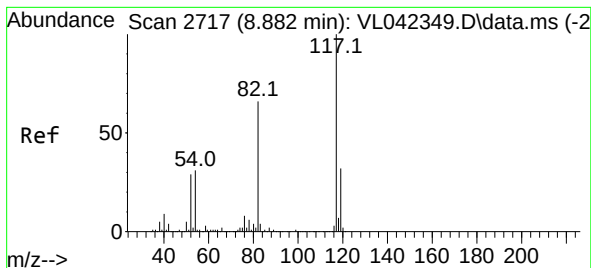


#52
 Tetrachloroethene
 Concen: 5.371 ppbv
 RT: 8.231 min Scan# 2516
 Delta R.T. 0.007 min
 Lab File: VL042414.D
 Acq: 22 Apr 2025 07:47

Tgt Ion:164 Resp: 74583

Ion	Ratio	Lower	Upper
164	100		
166	120.9	98.2	147.2
129	119.7	81.8	122.8
131	106.4	80.5	120.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2117

Delta R.T. 0.007 min

Lab File: VL042414.D

Acq: 22 Apr 2025 07:47

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:117 Resp: 281509

Ion Ratio Lower Upper

117 100

82 73.0 57.8 86.6

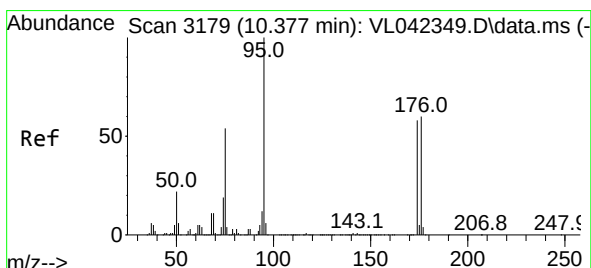
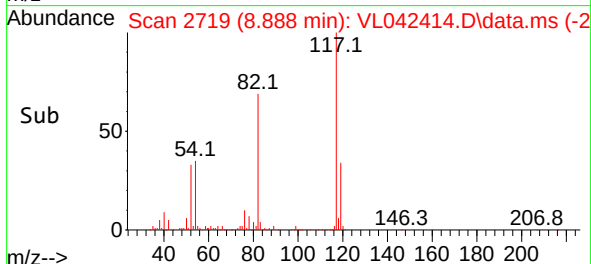
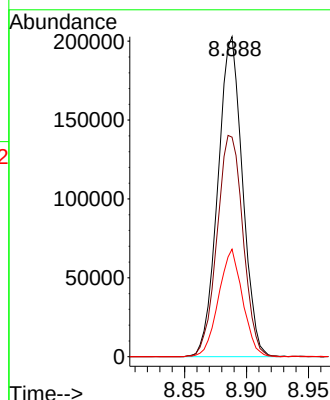
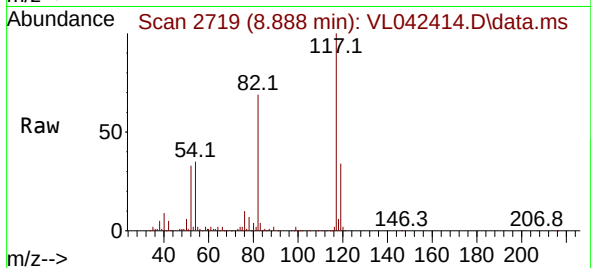
119 32.7 25.2 37.8

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.373 ppbv

RT: 10.384 min Scan# 3181

Delta R.T. 0.007 min

Lab File: VL042414.D

Acq: 22 Apr 2025 07:47

Tgt Ion: 95 Resp: 239958

Ion Ratio Lower Upper

95 100

174 53.5 48.5 72.7

175 4.1 3.7 5.5

