

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042667.D
 Acq On : 23 Jun 2025 12:27
 Operator : SY/MD
 Sample : Q2390-01DL 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 06:42:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107527	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	282710	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	243283	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.381	95	186365	10.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						
					Qvalue	
13) Ethanol	1.723	45	708m	0.811	ppbv	
15) Acetone	1.839	43	8826	0.681	ppbv	99
26) Hexane	2.829	57	2765	0.172	ppbv #	45
38) Trichloroethene	4.555	130	2631m	0.222	ppbv	
52) Tetrachloroethene	8.231	164	118544	11.395	ppbv	98

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

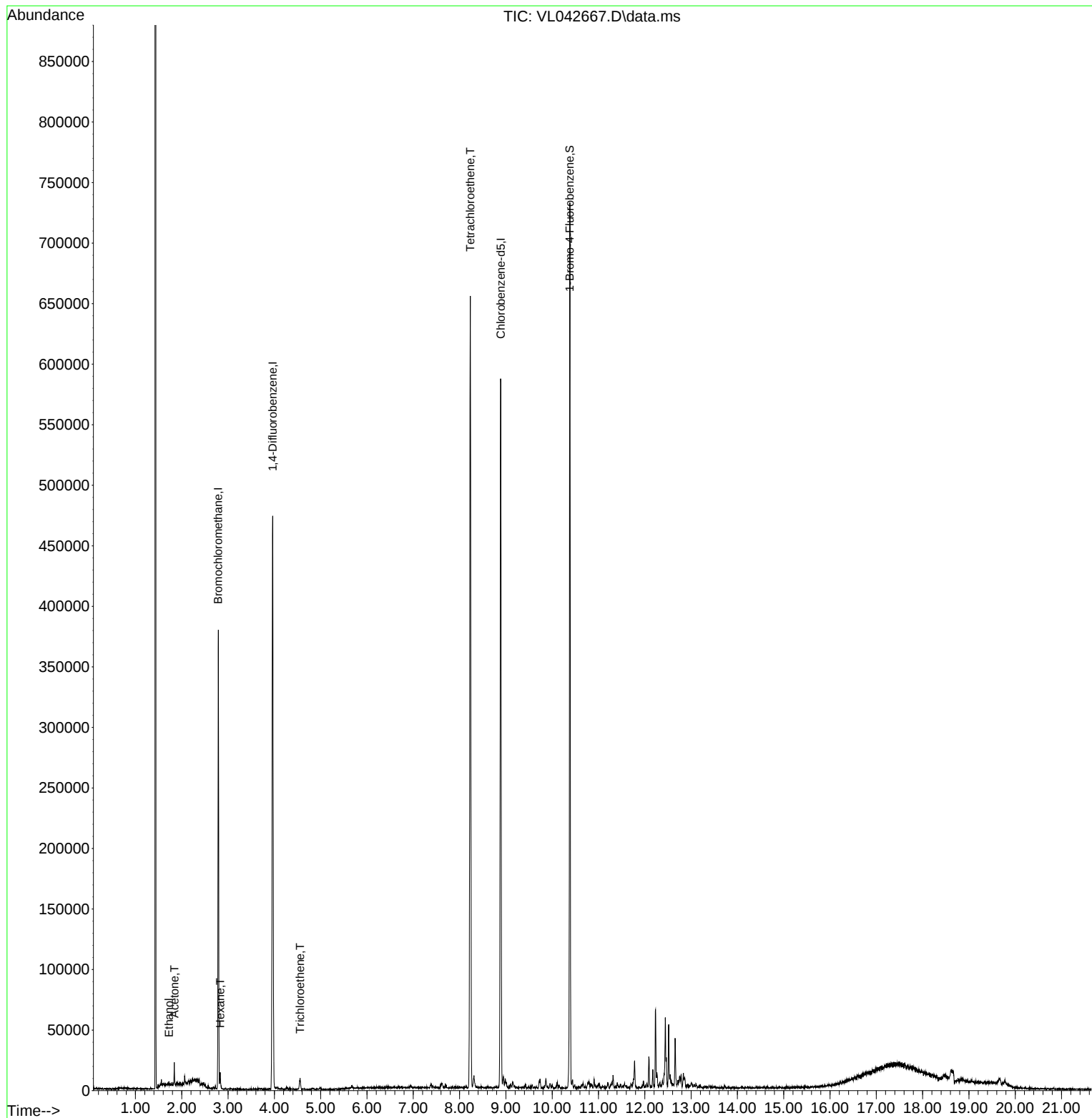
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
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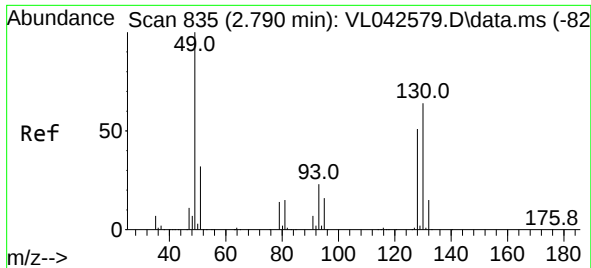
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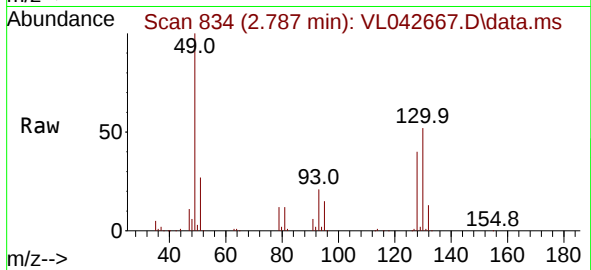
Quant Time: Jun 24 06:42:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27

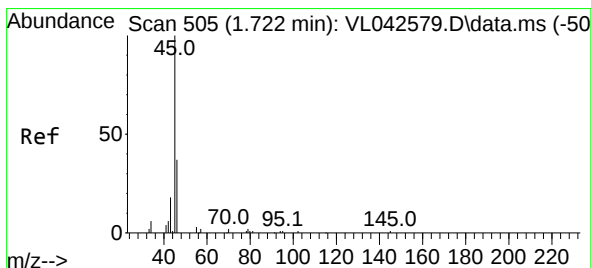
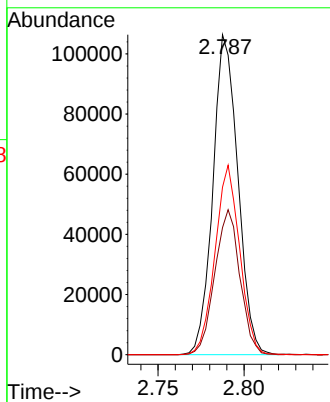
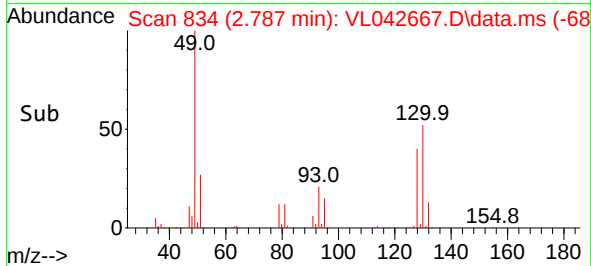
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



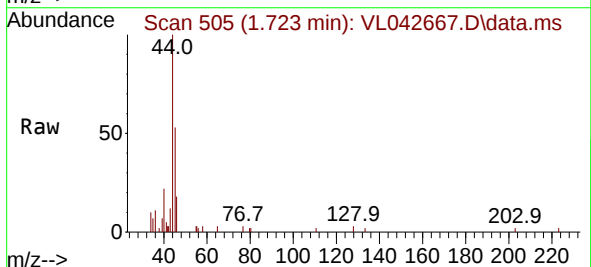
Tgt Ion: 49 Resp: 10752
Ion Ratio Lower Upper
49 100
128 45.6 24.2 72.6
130 58.4 30.4 91.2

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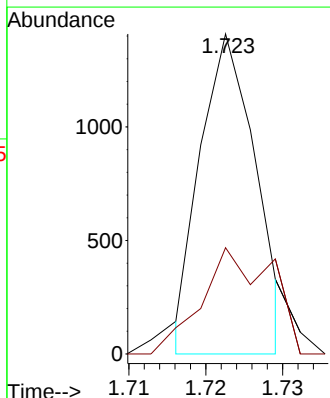
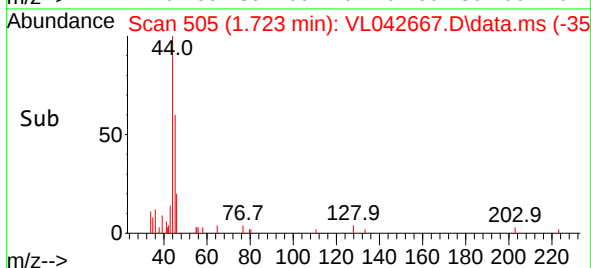
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

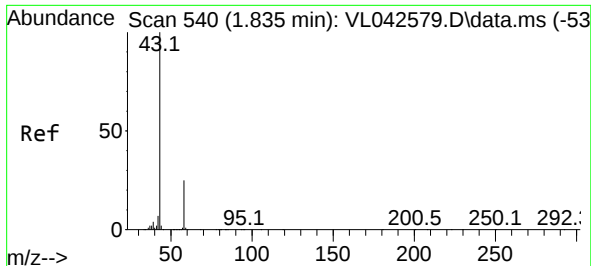


#13
Ethanol
Concen: 0.811 ppbv m
RT: 1.723 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27



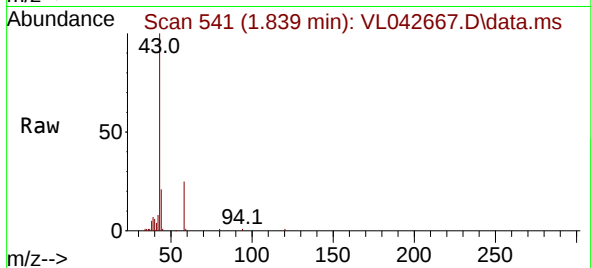
Tgt Ion: 45 Resp: 708
Ion Ratio Lower Upper
45 100
46 4614.5 14.5 58.1#





#15
Acetone
Concen: 0.681 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.004 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27

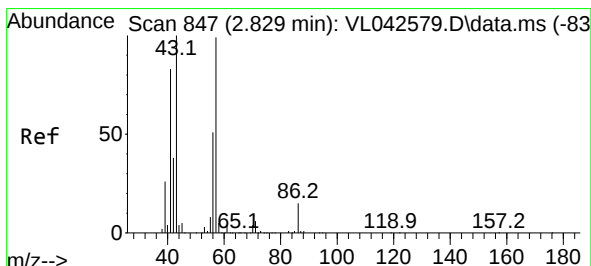
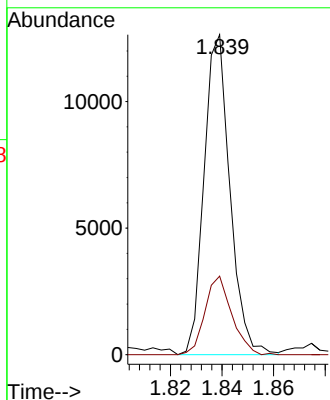
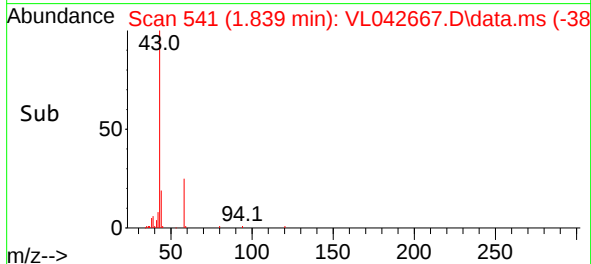
Instrument :
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ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 8820
Ion Ratio Lower Upper
43 100
58 25.4 21.0 31.4

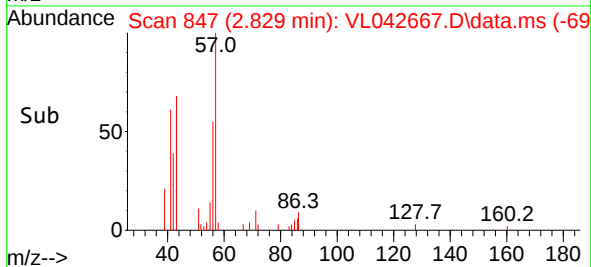
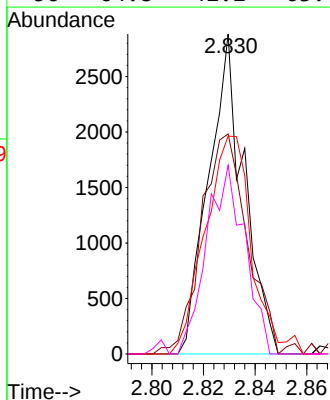
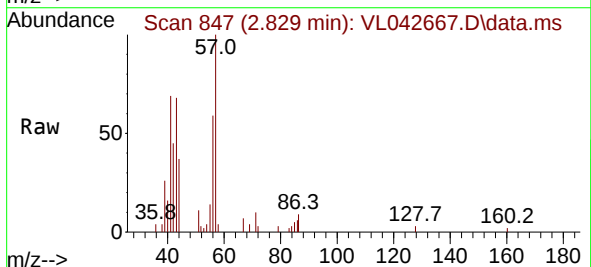
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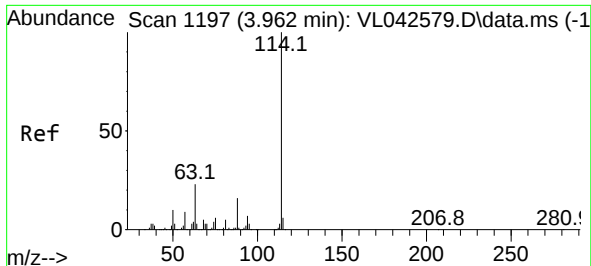
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#26
Hexane
Concen: 0.172 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27

Tgt Ion: 57 Resp: 2765
Ion Ratio Lower Upper
57 100
41 91.9 70.6 106.0
43 88.7 181.1 271.7#
56 64.8 42.2 63.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.000 min

Lab File: VL042667.D

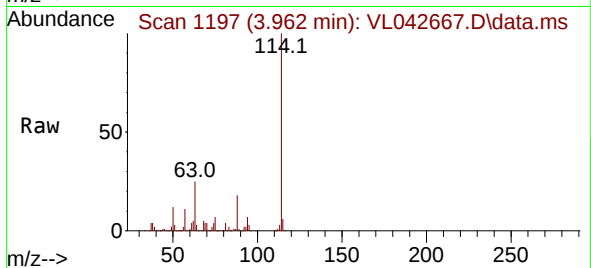
Acq: 23 Jun 2025 12:27

Instrument :

MSVOA_L

ClientSampleId :

SV1DL



Tgt Ion:114 Resp: 282710

Ion Ratio Lower Upper

114 100

63 24.8 19.0 28.6

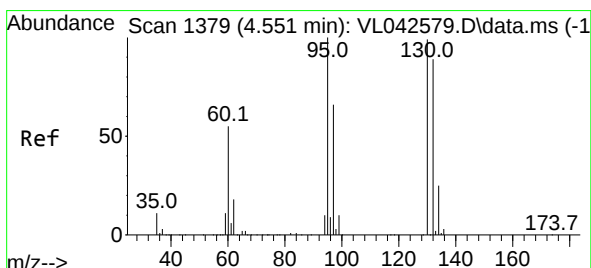
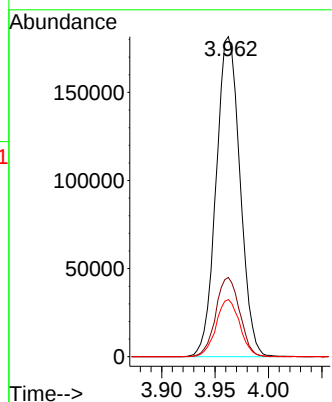
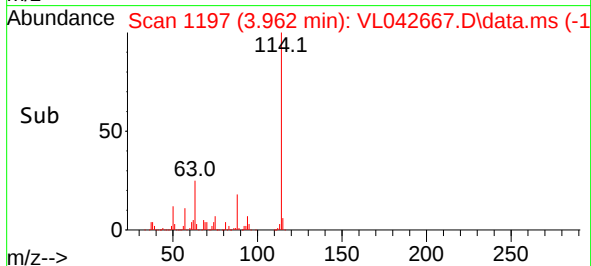
88 17.8 13.6 20.4

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#38

Trichloroethene

Concen: 0.222 ppbv m

RT: 4.555 min Scan# 1380

Delta R.T. 0.004 min

Lab File: VL042667.D

Acq: 23 Jun 2025 12:27

Tgt Ion:130 Resp: 2631

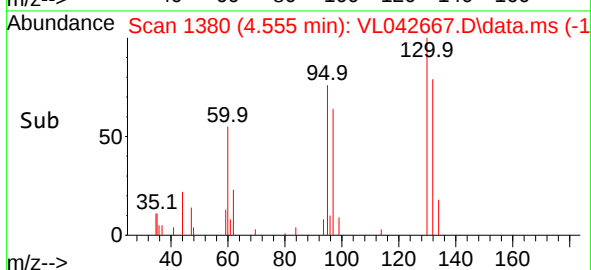
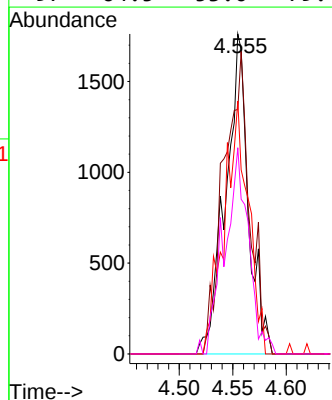
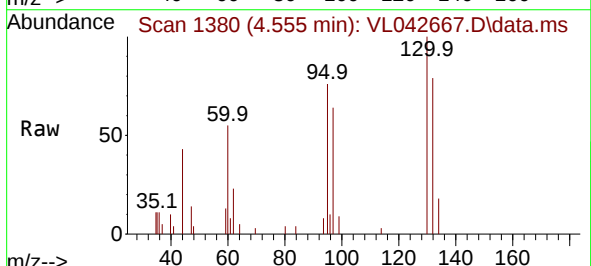
Ion Ratio Lower Upper

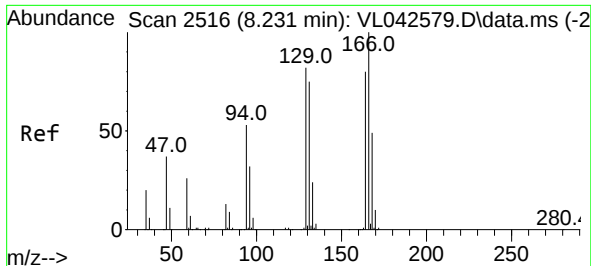
130 100

95 76.4 80.6 121.0#

132 79.1 71.8 107.6

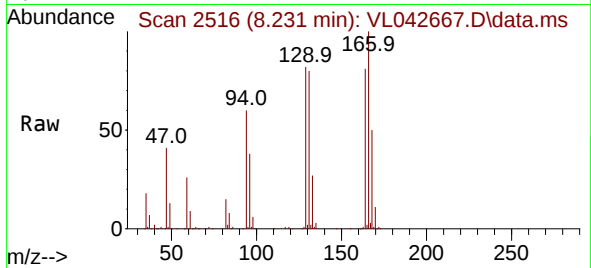
97 64.5 53.0 79.4





#52
Tetrachloroethene
Concen: 11.395 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27

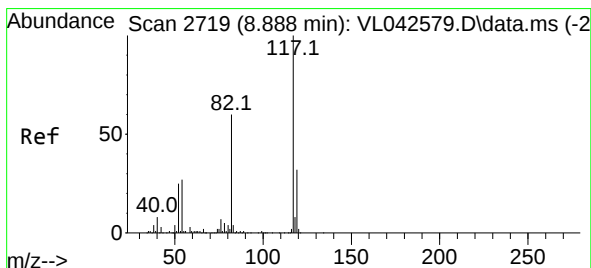
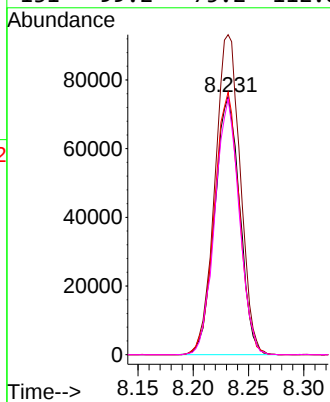
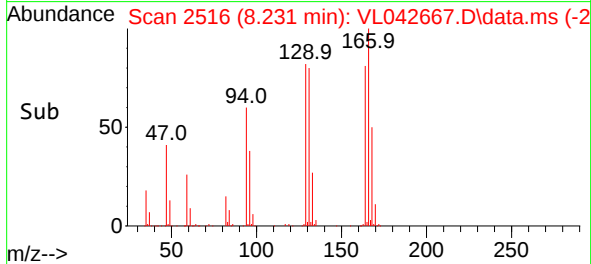
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:164 Resp: 118544
Ion Ratio Lower Upper
164 100
166 124.1 100.0 150.0
129 101.7 82.2 123.4
131 99.2 75.2 112.8

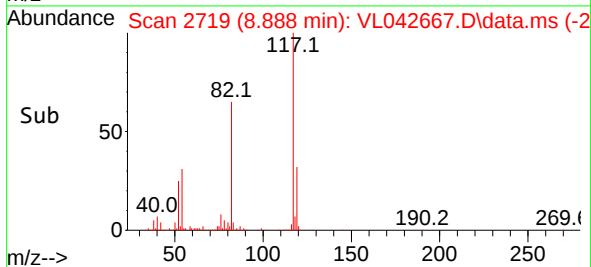
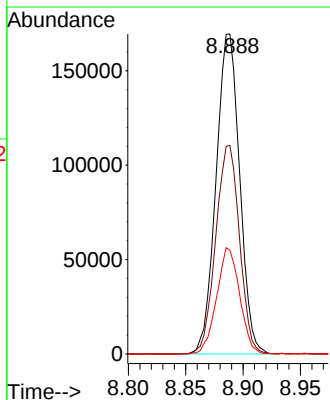
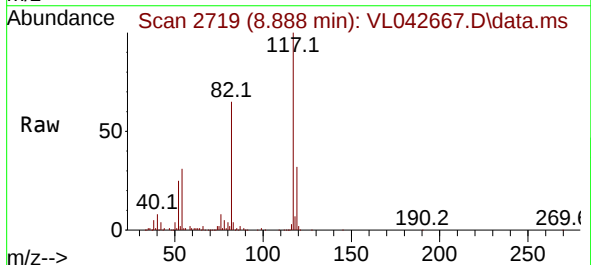
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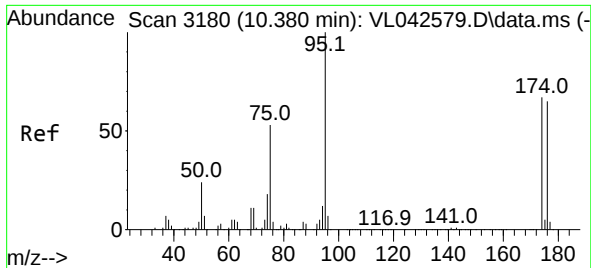
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042667.D
Acq: 23 Jun 2025 12:27

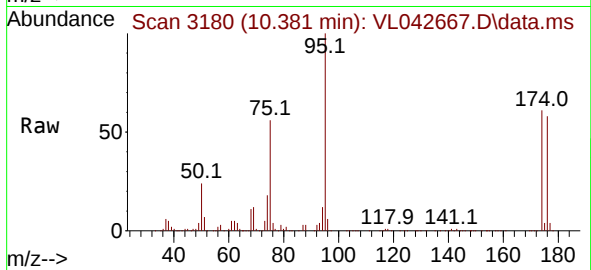
Tgt Ion:117 Resp: 243283
Ion Ratio Lower Upper
117 100
82 65.5 51.2 76.8
119 32.3 26.3 39.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.219 ppbv
 RT: 10.381 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL042667.D
 Acq: 23 Jun 2025 12:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 18636
 Ion Ratio Lower Upper
 95 100
 174 61.9 53.1 79.7
 175 4.4 4.2 6.2

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