

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031614.D
 Acq On : 28 Jan 2025 13:27
 Operator : SY/MD
 Sample : Q1190-11RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T0RE

Quant Time: Jan 29 07:33:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	523198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	212750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	30428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	283118	34.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.960%			
7) Chloroethane-d5	2.899	69	213958	36.492	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 145.960%			
11) 1,1-Dichloroethene-d2	4.015	65	112943	30.919	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 123.680%#			
21) 2-Butanone-d5	7.087	46	161606	122.451	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 244.900%#			
24) Chloroform-d	7.642	84	466397	34.445	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 137.760%			
26) 1,2-Dichloroethane-d4	8.301	65	242237m	36.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 145.400%#			
32) Benzene-d6	8.270	84	801799	59.998	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 240.000%#			
36) 1,2-Dichloropropane-d6	9.270	67	273647	69.353	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 277.400%#			
41) Toluene-d8	10.319	98	452927	37.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 150.160%#			
43) trans-1,3-Dichloroprop...	10.575	79	54474	33.620	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 134.480%			
47) 2-Hexanone-d5	10.922	63	63716	158.238	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 316.480%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114314	47.375	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 189.520%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	29488	27.630	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.520%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.216	50	5800	0.822	ug/L	100
6) Bromomethane	2.789	94	3553	0.676	ug/L	100
13) Acetone	4.149	43	78187	76.977	ug/L #	53
33) Benzene	8.319	78	336624	23.119	ug/L	100
42) Toluene	10.386	91	60115	3.950	ug/L	97
46) Tetrachloroethene	10.861	164	2978	1.060	ug/L	93
52) Ethylbenzene	11.727	91	6842	0.392	ug/L	97
53) m,p-Xylene	11.831	106	3685	0.553	ug/L	87
54) o-Xylene	12.160	106	1885	0.305	ug/L	86
67) 1,2-Dichlorobenzene	13.861	146	807	0.448	ug/L	89
70) 1,2,4-trichlorobenzene	15.117	180	346	0.304	ug/L #	80

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

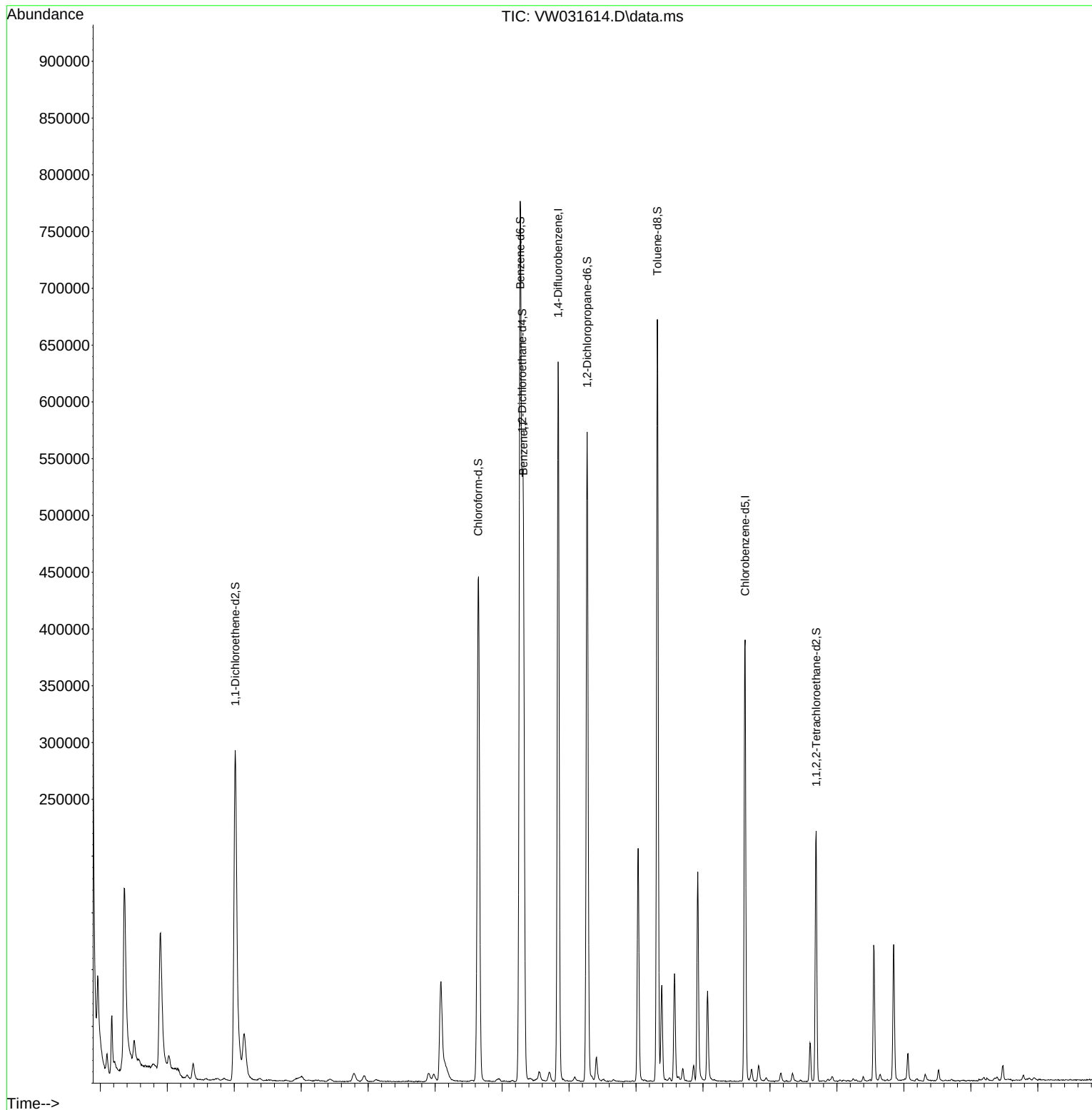
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
Data File : VW031614.D
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Operator : SY/MD
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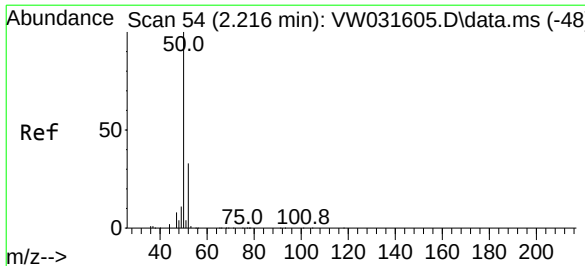
Instrument :
MSVOA_W
ClientSampleId :
A44T0RE

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Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration





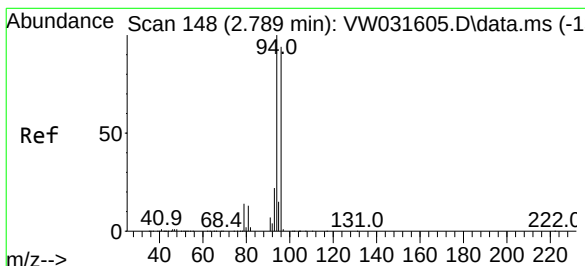
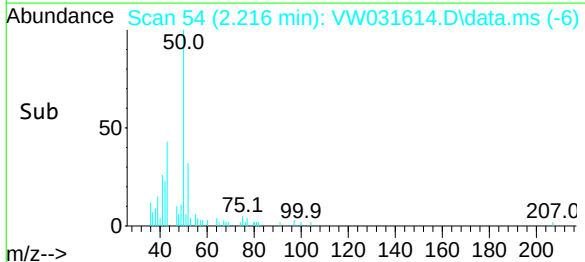
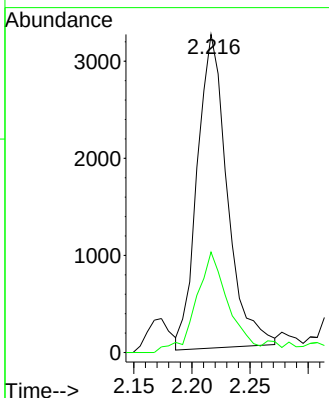
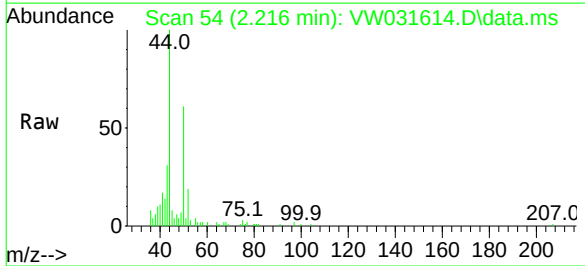
#3
Chloromethane
Concen: 0.822 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :
A44TORE

Tgt Ion: 50 Resp: 5800
Ion Ratio Lower Upper
50 100
52 31.6 22.3 41.3

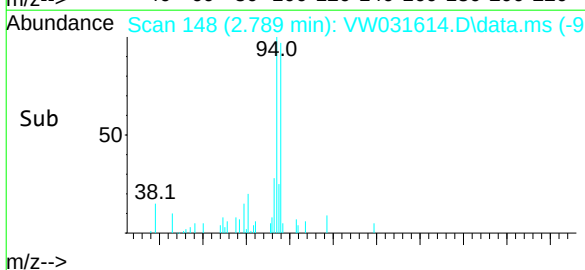
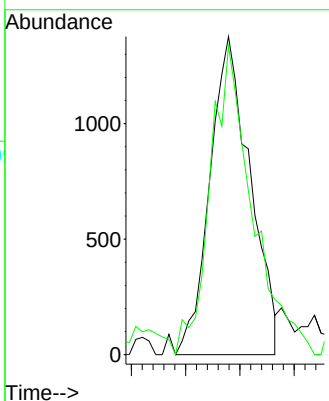
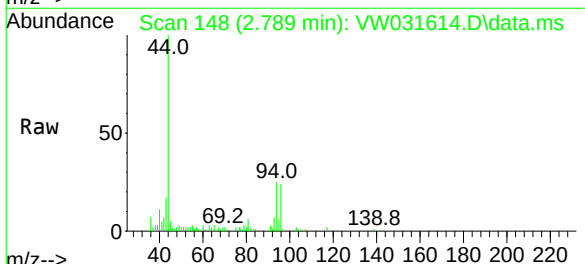
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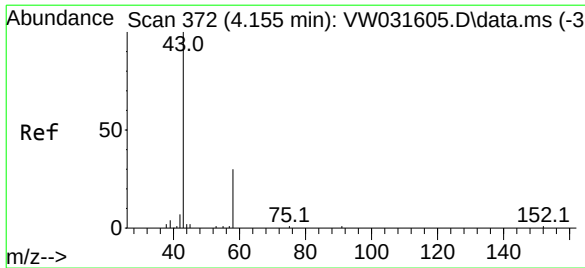
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#6
Bromomethane
Concen: 0.676 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 94 Resp: 3553
Ion Ratio Lower Upper
94 100
96 97.0 67.6 125.6





#13

Acetone

Concen: 76.977 ug/L

RT: 4.149 min Scan# 371

Delta R.T. -0.018 min

Lab File: VW031614.D

Acq: 28 Jan 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

A44TORE

Tgt Ion: 43 Resp: 78187

Ion Ratio Lower Upper

43 100

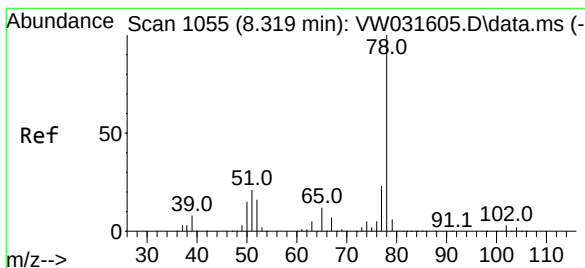
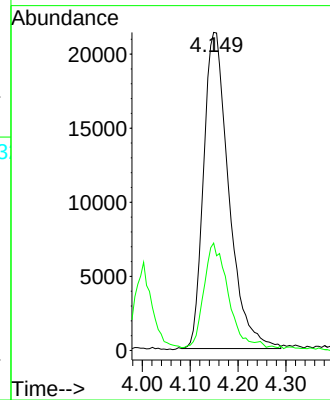
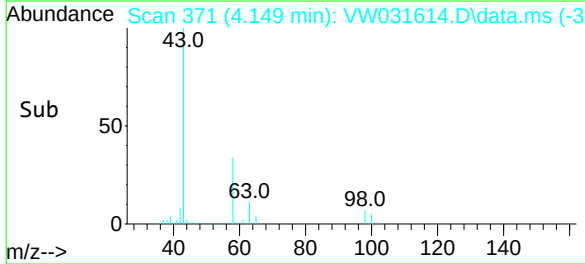
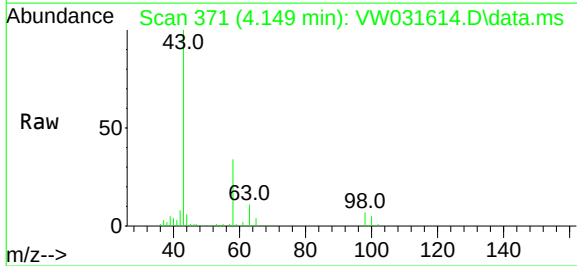
58 33.3 0.0 28.2#

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Supervised By :Mahesh Dadoda 01/29/2025



#33

Benzene

Concen: 23.119 ug/L

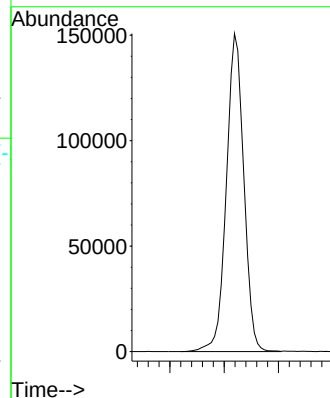
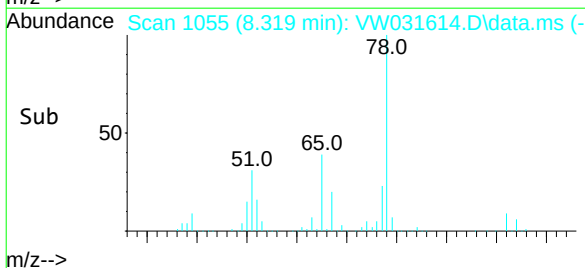
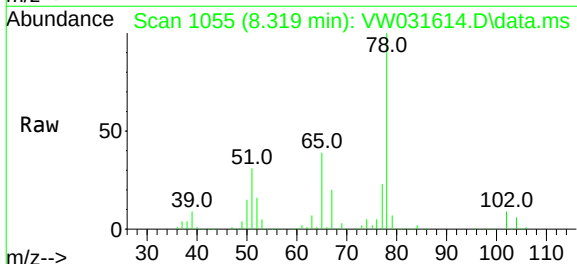
RT: 8.319 min Scan# 1055

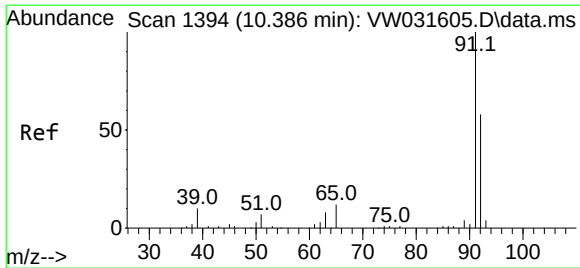
Delta R.T. -0.006 min

Lab File: VW031614.D

Acq: 28 Jan 2025 13:27

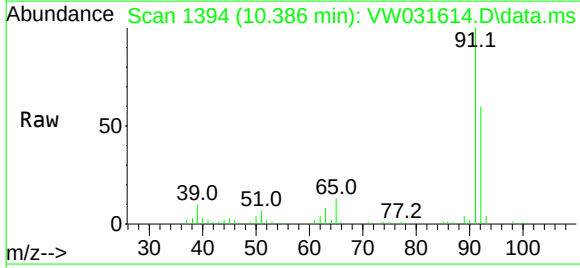
Tgt Ion: 78 Resp: 336624





#42
Toluene
Concen: 3.950 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

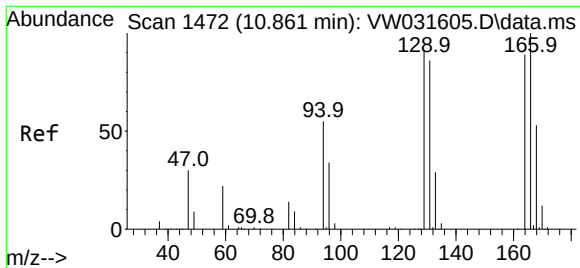
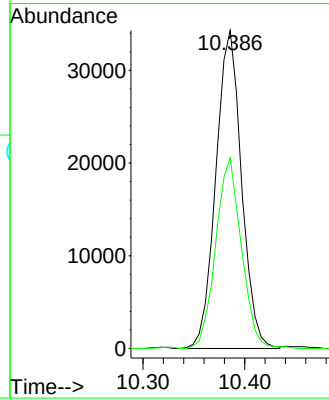
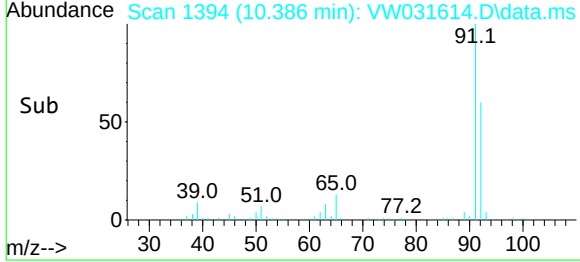
Instrument : MSVOA_W
ClientSampleId : A44TORE



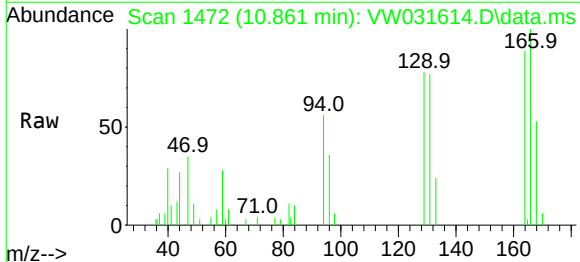
Tgt Ion: 91 Resp: 60115
Ion Ratio Lower Upper
91 100
92 60.0 40.6 75.4

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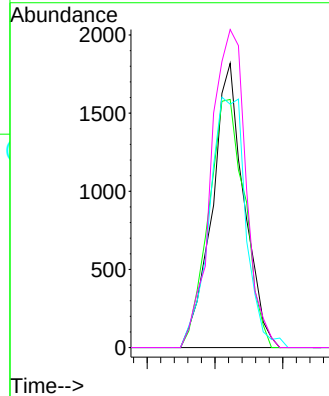
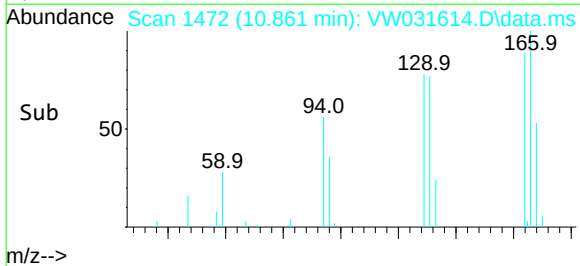
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

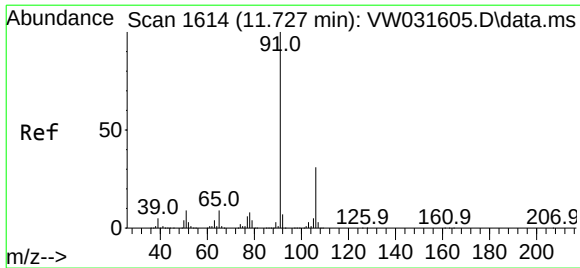


#46
Tetrachloroethene
Concen: 1.060 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27



Tgt Ion:164 Resp: 2978
Ion Ratio Lower Upper
164 100
129 87.3 69.8 129.6
131 85.6 63.1 117.1
166 111.9 81.7 151.7





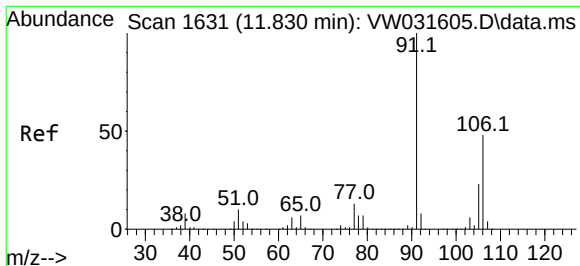
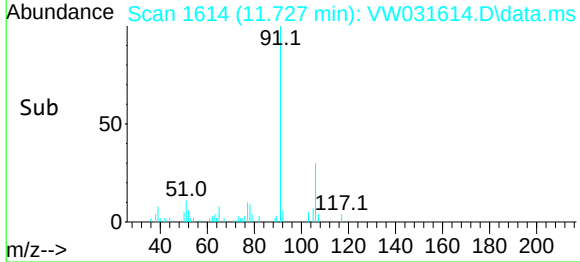
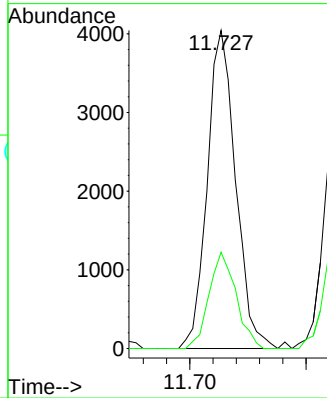
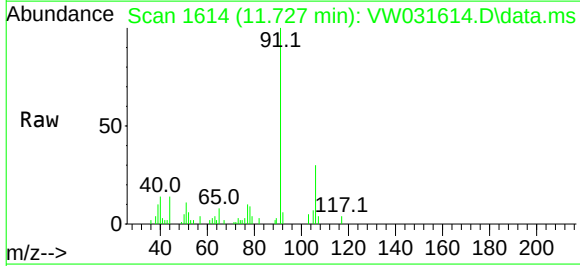
#52
Ethylbenzene
Concen: 0.392 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Instrument : MSVOA_W
Client SampleId : A44T0RE

Tgt Ion: 91 Resp: 6842
Ion Ratio Lower Upper
91 100
106 30.2 22.3 41.3

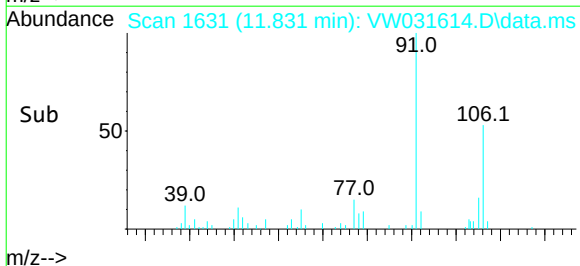
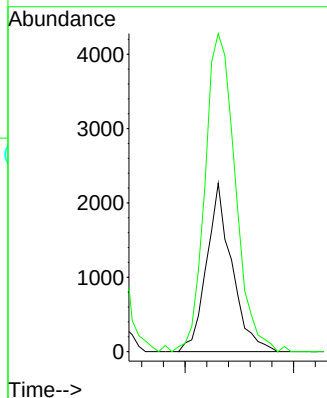
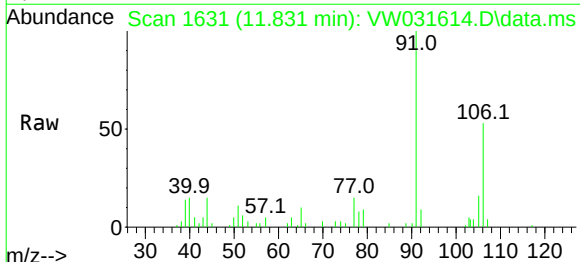
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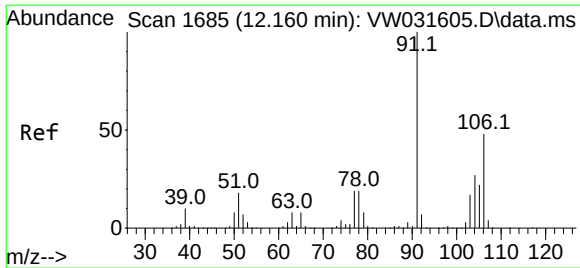
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025



#53
m,p-Xylene
Concen: 0.553 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 106 Resp: 3685
Ion Ratio Lower Upper
106 100
91 188.9 145.9 270.9





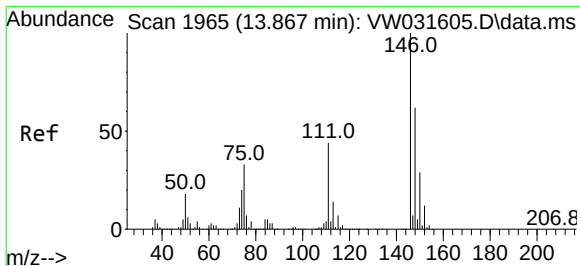
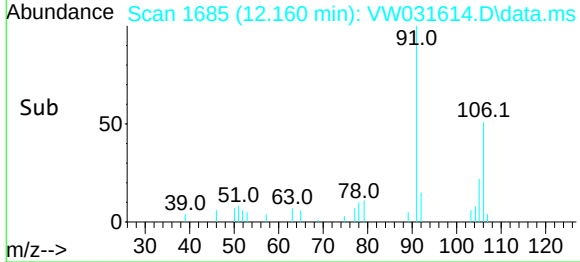
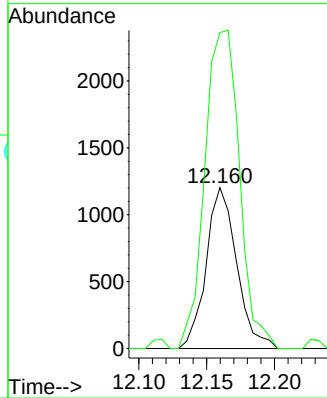
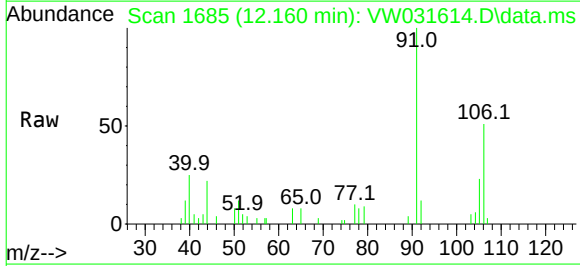
#54
o-Xylene
Concen: 0.305 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Instrument : MSVOA_W
ClientSampleId : A44T0RE

Tgt Ion:	106	Resp:	1885
Ion Ratio	Lower	Upper	
106	100		
91	196.3	152.9	284.1

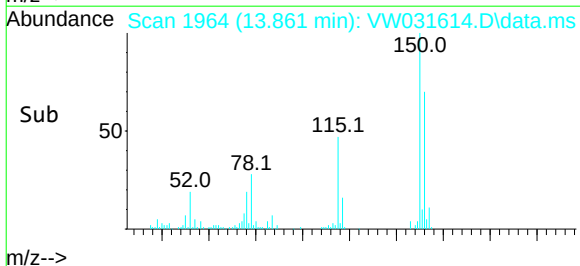
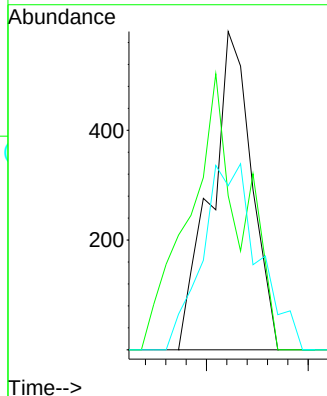
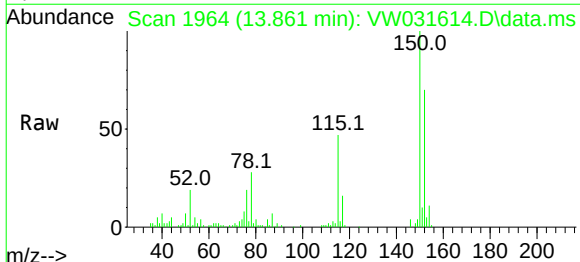
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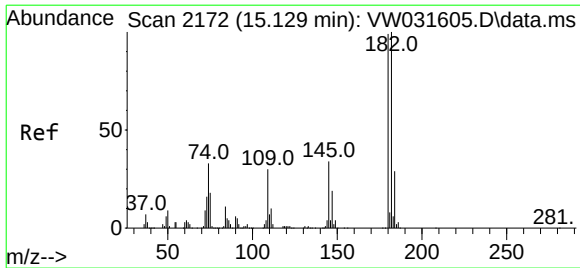
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#67
1,2-Dichlorobenzene
Concen: 0.448 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

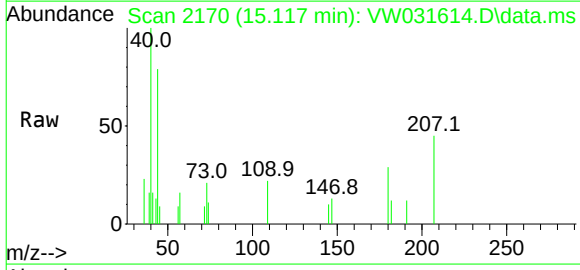
Tgt Ion:	146	Resp:	807
Ion Ratio	Lower	Upper	
146	100		
111	48.4	36.6	55.0
148	51.6	51.0	76.4





1,2,4-trichlorobenzene
 Concen: 0.304 ug/L
 RT: 15.117 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031614.D
 Acq: 28 Jan 2025 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T0RE



Tgt Ion:	180	Resp:	346
Ion Ratio	Lower	Upper	
180	100		
182	76.3	77.7	116.5#
145	42.2	26.6	39.8#

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