

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026276.D
 Acq On : 20 Jun 2023 17:44
 Operator : SY/MD
 Sample : 03334-07
 Misc : 5.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 01:15:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	578827	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138760	17.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.160%		
7) Chloroethane-d5	2.893	69	132400	21.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.880%		
11) 1,1-Dichloroethene-d2	4.021	65	74395	18.528	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.120%		
21) 2-Butanone-d5	7.075	46	199414	84.117	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	168.240%#		
24) Chloroform-d	7.648	84	369758	21.814	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.240%		
26) 1,2-Dichloroethane-d4	8.301	65	233068m	25.146	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.600%		
32) Benzene-d6	8.276	84	701359	22.390	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	9.270	67	247635	24.954	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.800%		
41) Toluene-d8	10.325	98	544103	19.587	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.360%		
43) trans-1,3-Dichloroprop...	10.575	79	78921	20.069	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.280%		
47) 2-Hexanone-d5	10.922	63	118911	75.993	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	151.980%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	241616	33.458	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	133.840%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	142945	22.821	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.280%		
Target Compounds						
5) Vinyl chloride	2.369	62	83404	8.576	ug/L	94
12) 1,1-Dichloroethene	4.045	96	1038342	140.894	ug/L #	54
13) Acetone	4.125	43	12408	6.764	ug/L	48
16) Methylene chloride	4.929	84	39837m	4.312	ug/L	
19) 1,1-Dichloroethane	6.222	63	57687	3.427	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	25541	2.916	ug/L	96
25) Chloroform	7.679	83	11029	0.703	ug/L	95
27) 1,2-Dichloroethane	8.398	62	11113	1.028	ug/L #	89
30) 1,1,1-Trichloroethane	7.874	97	90565	8.017	ug/L	99
33) Benzene	8.319	78	36531	1.146	ug/L	100
34) Trichloroethene	9.093	95	6508	0.797	ug/L	90

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

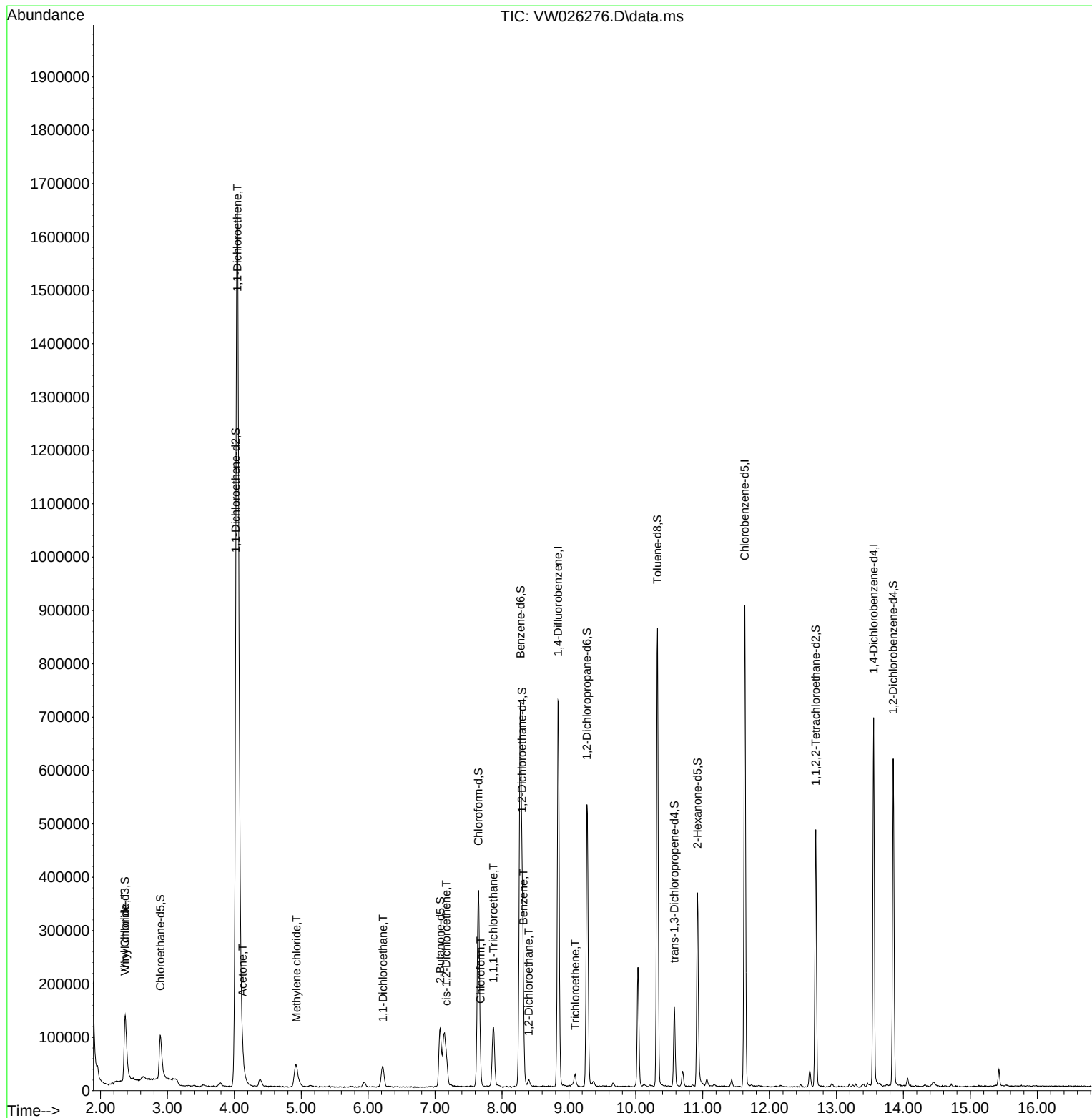
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
Data File : VW026276.D
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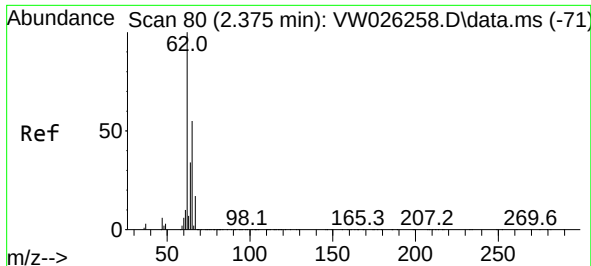
Instrument :
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Quant Title : SFAM01.0
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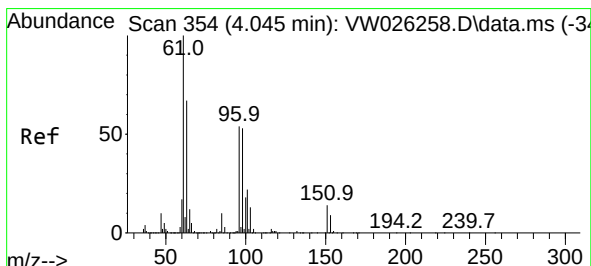
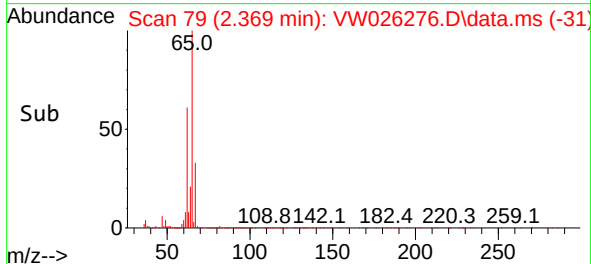
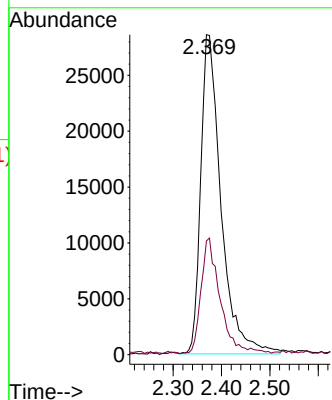
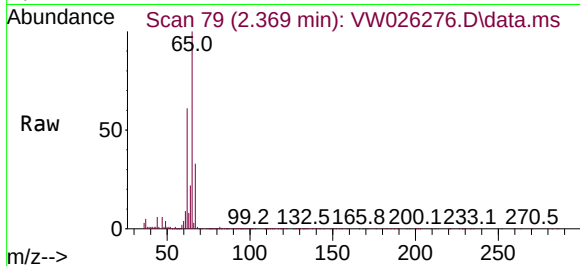
#5
 Vinyl chloride
 Concen: 8.576 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026276.D
 Acq: 20 Jun 2023 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW02

Tgt Ion: 62 Resp: 83404
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.7 42.1

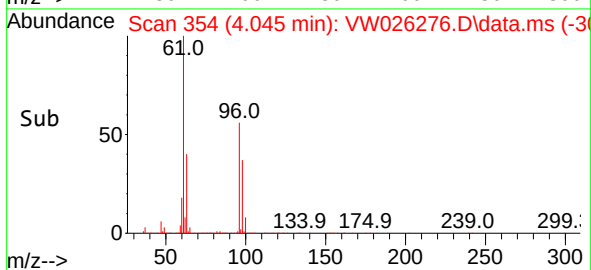
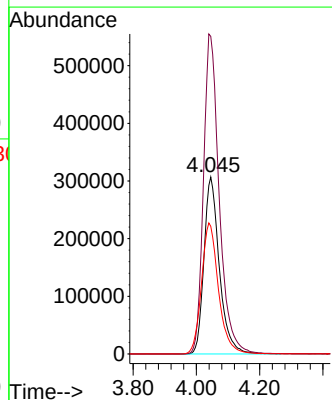
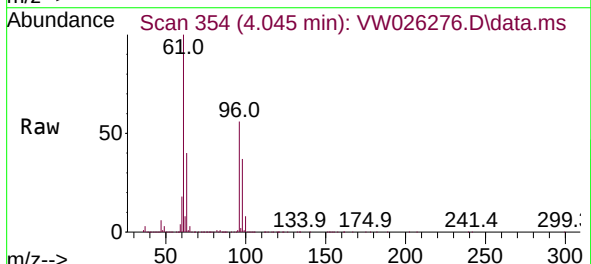
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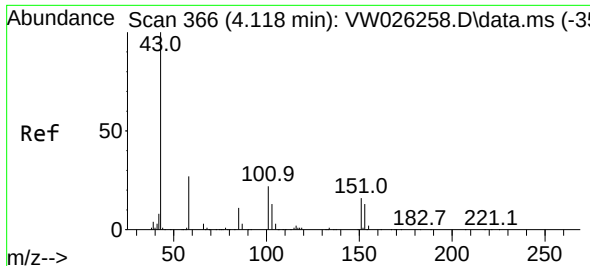
Reviewed By :Semsettin Yesilyurt 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#12
 1,1-Dichloroethene
 Concen: 140.894 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026276.D
 Acq: 20 Jun 2023 17:44

Tgt Ion: 96 Resp: 1038342
 Ion Ratio Lower Upper
 96 100
 61 179.5 140.6 261.0
 63 72.1 131.7 244.5





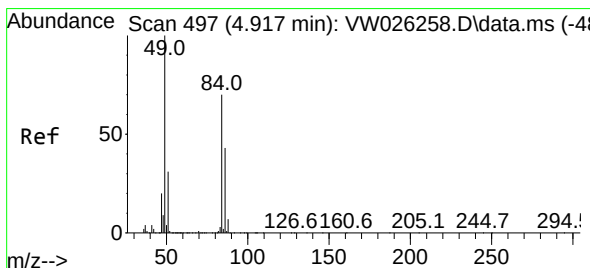
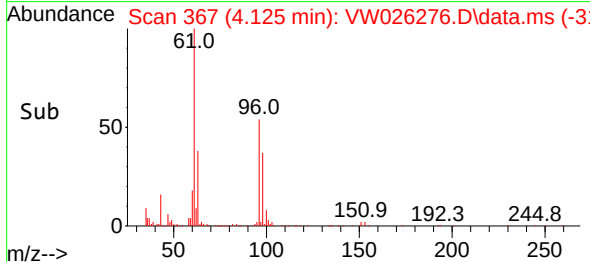
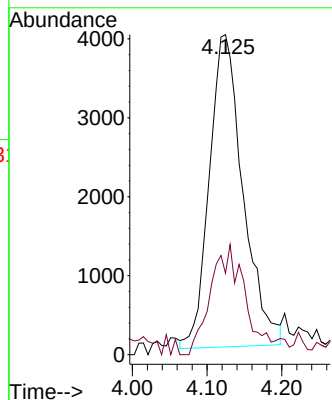
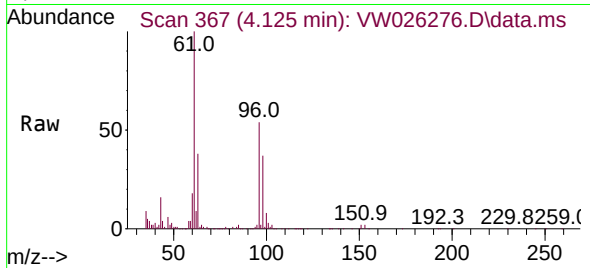
#13
Acetone
Concen: 6.764 ug/L
RT: 4.125 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

Instrument :
MSVOA_W
ClientSampleId :
YBW02

Tgt Ion: 43 Resp: 12408
Ion Ratio Lower Upper
43 100
58 1.5 0.0 58.2

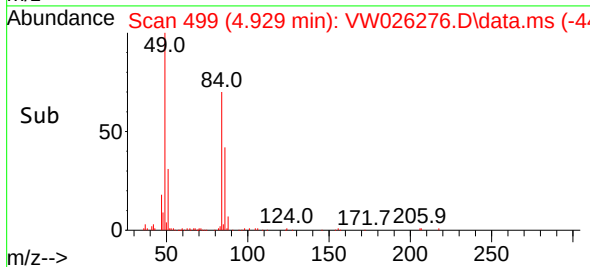
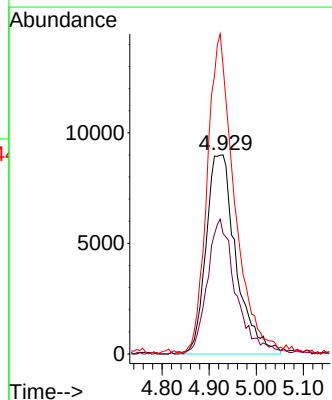
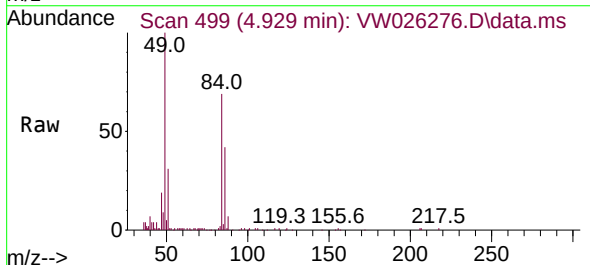
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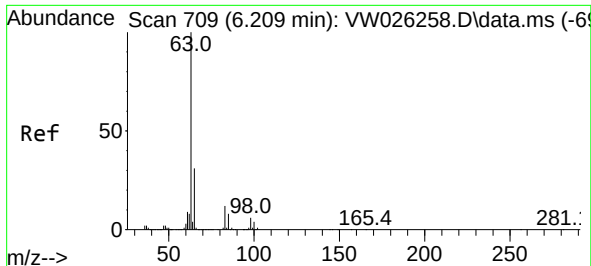
Reviewed By :Semsettin Yesilyurt 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Methylene chloride
Concen: 4.312 ug/L m
RT: 4.929 min Scan# 499
Delta R.T. 0.013 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

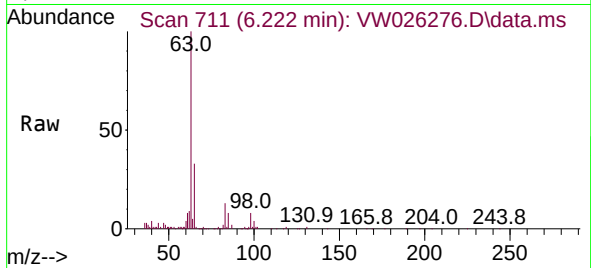
Tgt Ion: 84 Resp: 39837
Ion Ratio Lower Upper
84 100
86 60.5 44.2 82.0
49 144.6 98.8 183.6





#19
1,1-Dichloroethane
Concen: 3.427 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.013 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

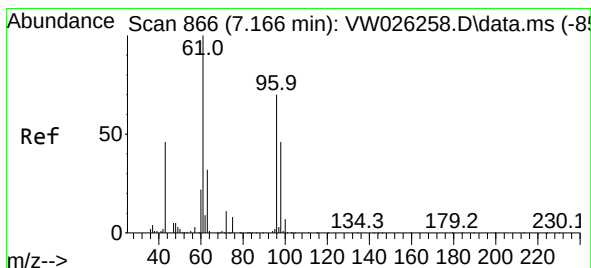
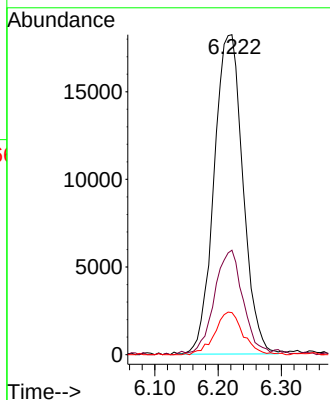
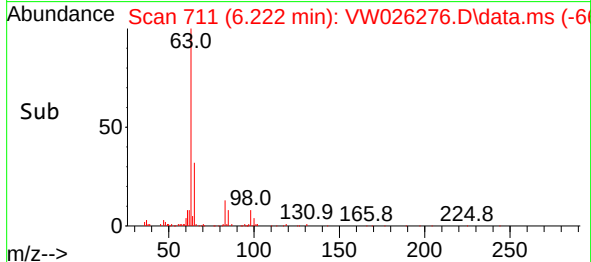
Instrument :
MSVOA_W
ClientSampleId :
YBW02



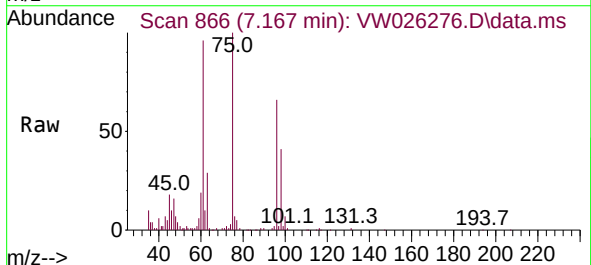
Tgt Ion: 63 Resp: 5768
Ion Ratio Lower Upper
63 100
65 32.6 22.3 41.5
83 13.1 9.1 16.9

Manual Integrations
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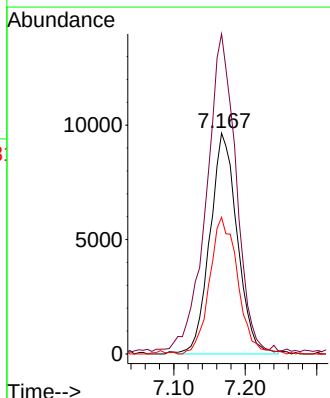
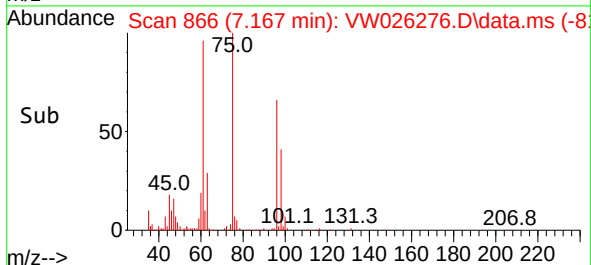
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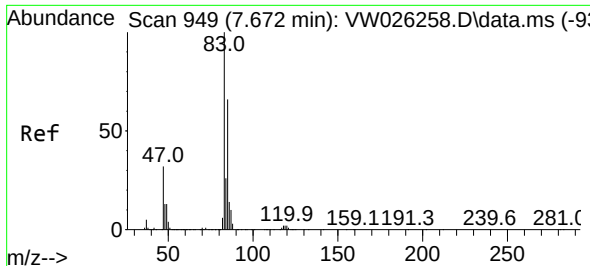


#20
cis-1,2-Dichloroethene
Concen: 2.916 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44



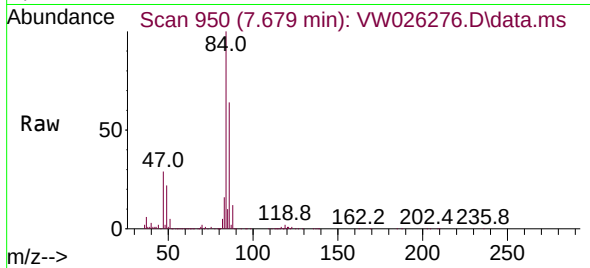
Tgt Ion: 96 Resp: 25541
Ion Ratio Lower Upper
96 100
61 145.0 98.4 182.8
98 61.9 45.2 84.0





#25
Chloroform
Concen: 0.703 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

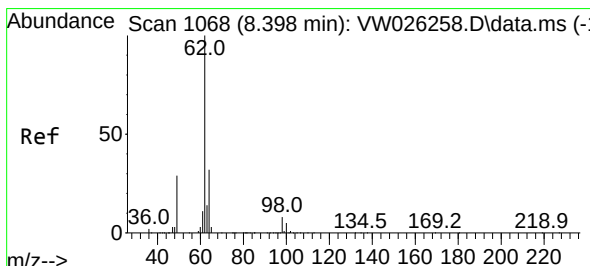
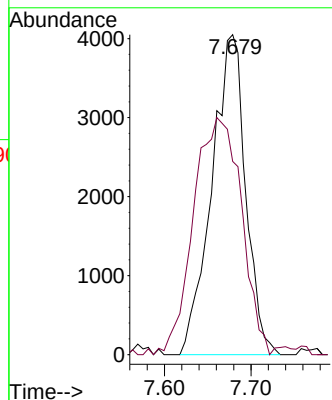
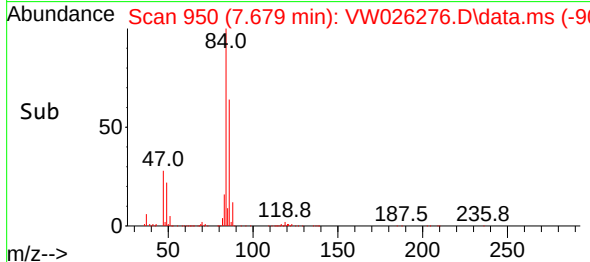
Instrument :
MSVOA_W
ClientSampleId :
YBW02



Tgt Ion: 83 Resp: 11029
Ion Ratio Lower Upper
83 100
85 60.4 45.1 83.7

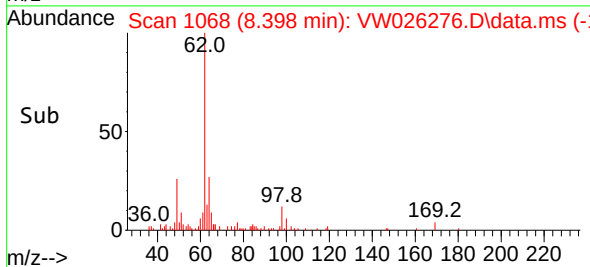
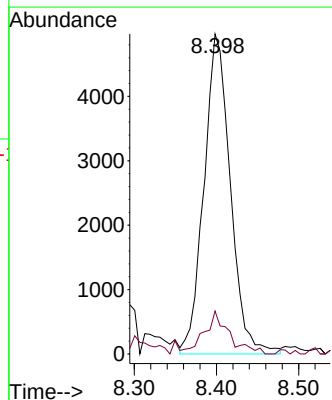
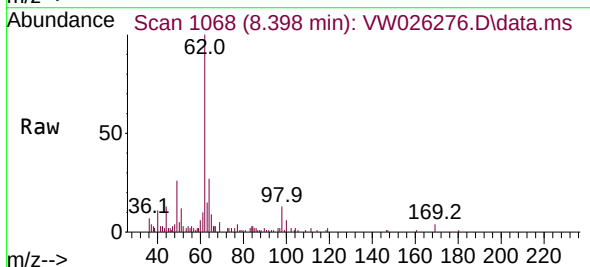
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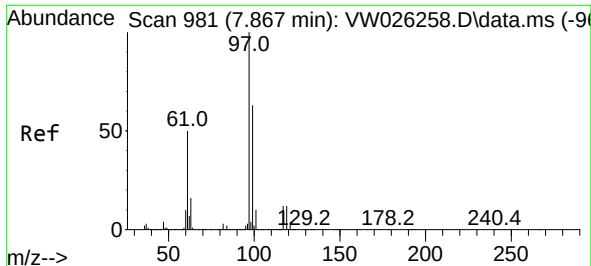
Reviewed By :Semsettin Yesilyurt 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#27
1,2-Dichloroethane
Concen: 1.028 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

Tgt Ion: 62 Resp: 11113
Ion Ratio Lower Upper
62 100
98 13.4 7.4 11.2#





#30

1,1,1-Trichloroethane

Concen: 8.017 ug/L

RT: 7.874 min Scan# 9056

Delta R.T. 0.006 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

Instrument :

MSVOA_W

ClientSampleId :

YBW02

Tgt Ion: 97 Resp: 9056

Ion Ratio Lower Upper

97 100

99 63.9 50.6 76.0

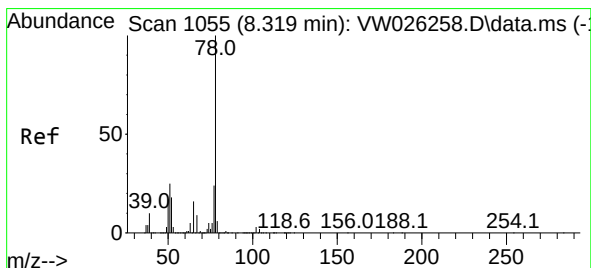
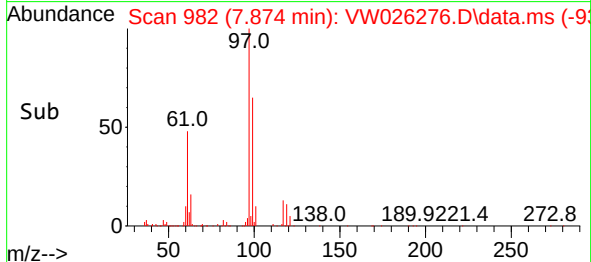
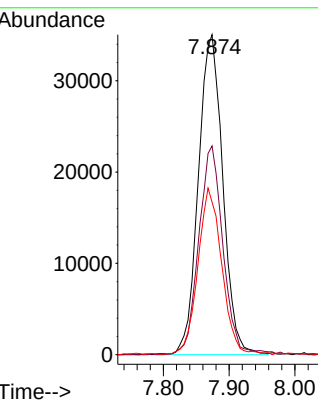
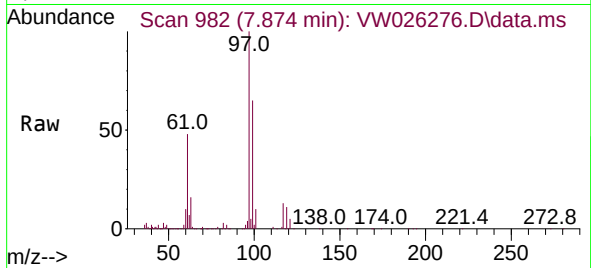
61 50.2 40.5 60.7

Manual Integrations

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#33

Benzene

Concen: 1.146 ug/L

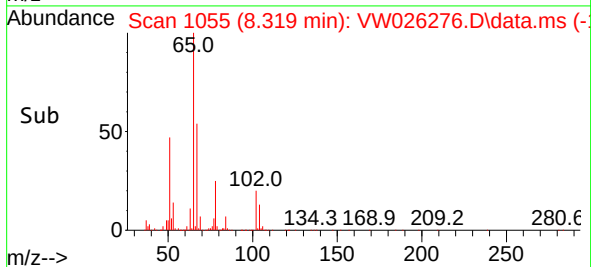
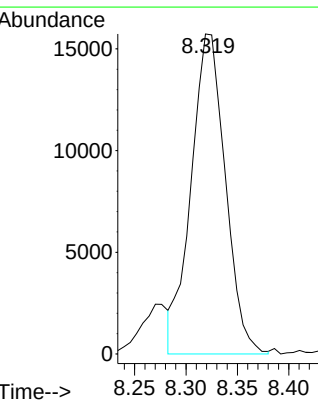
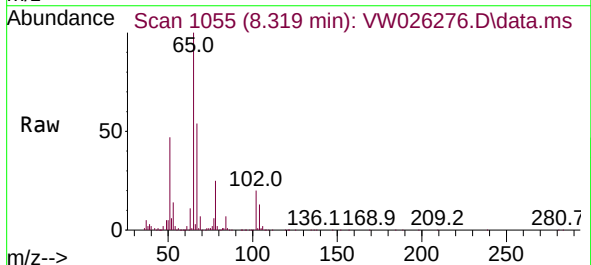
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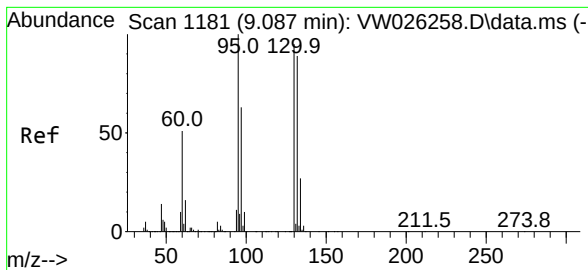
Delta R.T. 0.000 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

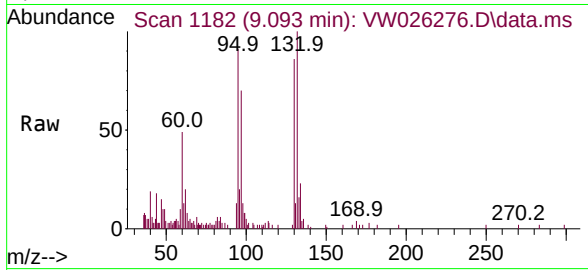
Tgt Ion: 78 Resp: 36531





#34
 Trichloroethene
 Concen: 0.797 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VW026276.D
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Tgt Ion: 95 Resp: 6508

Ion	Ratio	Lower	Upper
95	100		
97	76.4	45.9	85.3
132	109.7	67.1	124.7
130	94.8	68.0	126.2

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