

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026979.D
 Acq On : 31 Aug 2023 15:48
 Operator : SY/MD
 Sample : 04235-10RE
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYK1RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 00:49:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1123050	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	690212	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195184	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	184740	10.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	40.040%		
7) Chloroethane-d5	2.893	69	208064	15.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.640%		
11) 1,1-Dichloroethene-d2	4.021	65	80510	8.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	35.480%#		
21) 2-Butanone-d5	7.075	46	221174	41.682	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.360%		
24) Chloroform-d	7.648	84	522254	13.856	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	55.440%		
26) 1,2-Dichloroethane-d4	8.307	65	292700	14.072	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	56.280%#		
32) Benzene-d6	8.276	84	991133	20.836	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.360%		
36) 1,2-Dichloropropane-d6	9.270	67	347397	23.445	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.800%		
41) Toluene-d8	10.319	98	833655	20.416	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.680%		
43) trans-1,3-Dichloroprop...	10.581	79	94068	15.376	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.520%		
47) 2-Hexanone-d5	10.922	63	125335	80.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	161.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248435	21.231	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.920%		
66) 1,2-Dichlorobenzene-d4	13.848	152	139469	19.964	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.840%		
Target Compounds						Qvalue
13) Acetone	4.125	43	56963	10.797	ug/L	91
14) Carbon disulfide	4.387	76	172815	2.894	ug/L	97
16) Methylene chloride	4.935	84	117584m	5.413	ug/L	
20) cis-1,2-Dichloroethene	7.173	96	15844	0.796	ug/L	89
29) Cyclohexane	7.953	56	136019	6.372	ug/L #	87
33) Benzene	8.325	78	676266	13.455	ug/L	100
35) Methylcyclohexane	9.337	83	845085	38.589	ug/L	98
42) Toluene	10.386	91	2200459	43.277	ug/L	98
52) Ethylbenzene	11.727	91	9312132	163.317	ug/L	95
53) m,p-Xylene	11.824	106	21168756m	1002.148	ug/L	
54) o-Xylene	12.166	106	11266355m	571.477	ug/L	
60) Isopropylbenzene	12.465	105	1817773	62.641	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.940	105	3533938	154.072	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	7786165	346.412	ug/L	97

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

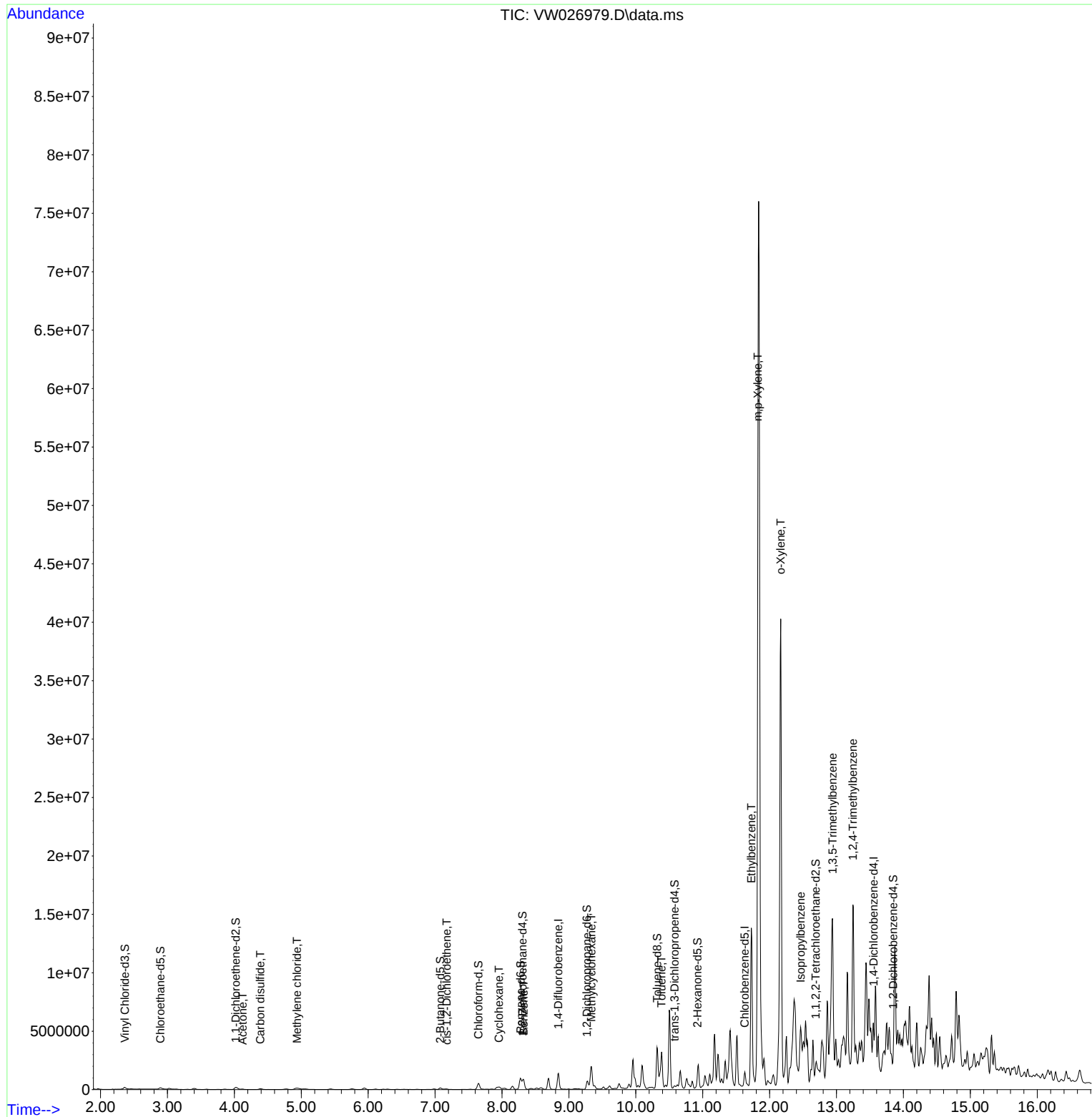
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026979.D
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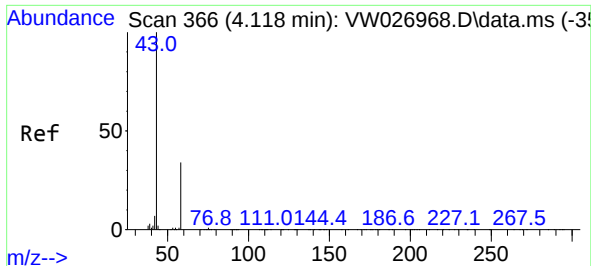
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0
QLast Update : Fri Sep 01 00:44:05 2023
Response via : Initial Calibration





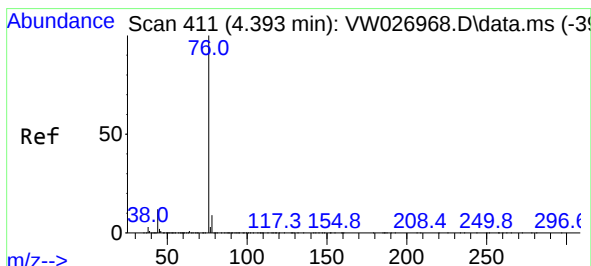
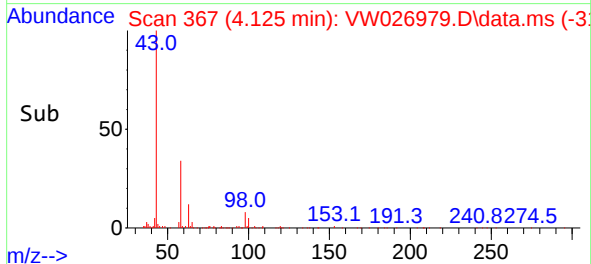
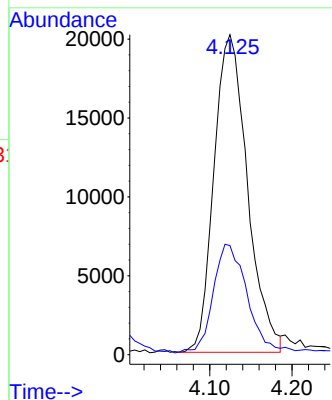
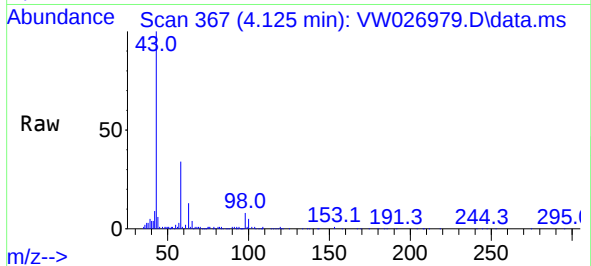
#13
Acetone
Concen: 10.797 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

Tgt Ion: 43 Resp: 5696
Ion Ratio Lower Upper
43 100
58 33.7 0.0 57.4

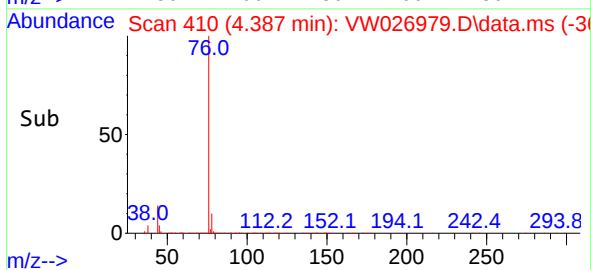
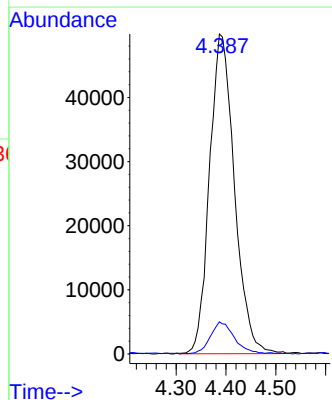
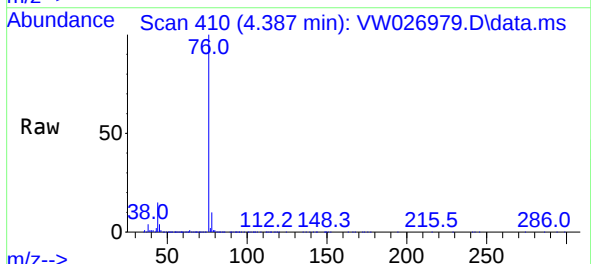
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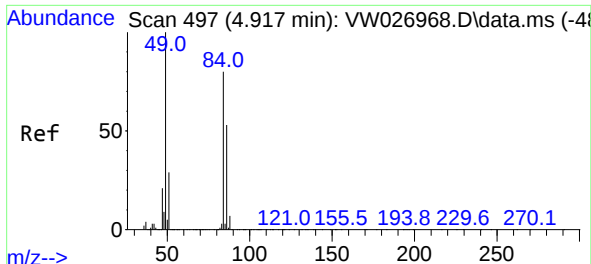
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#14
Carbon disulfide
Concen: 2.894 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

Tgt Ion: 76 Resp: 172815
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7





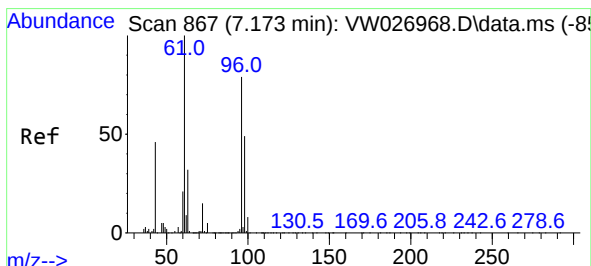
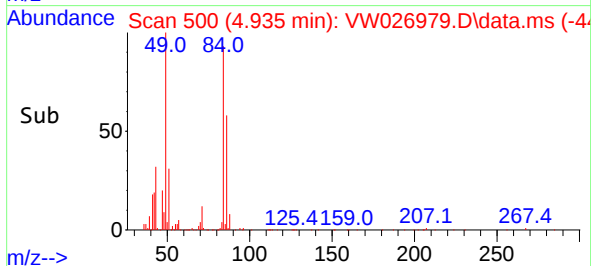
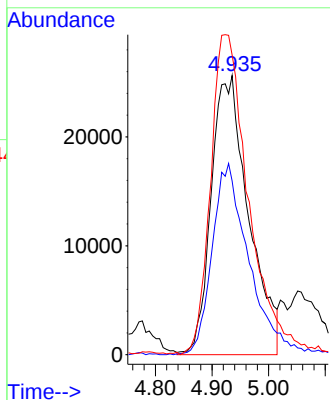
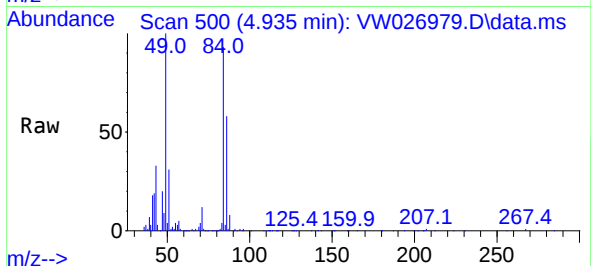
#16
Methylene chloride
Concen: 5.413 ug/L m
RT: 4.935 min Scan# 50
Delta R.T. 0.018 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE

Tgt Ion: 84 Resp: 117584
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 107.3 96.0 178.2

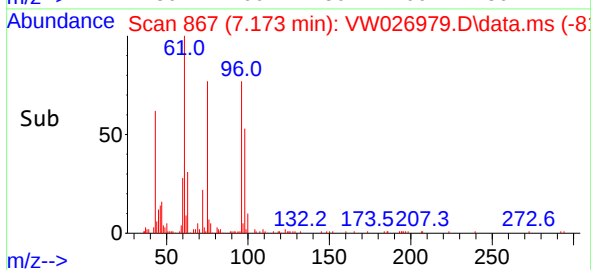
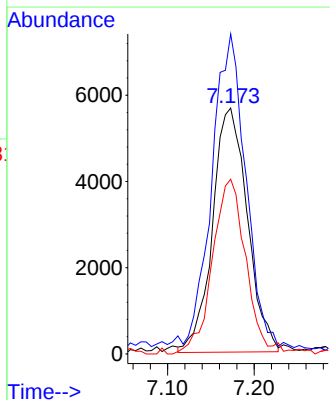
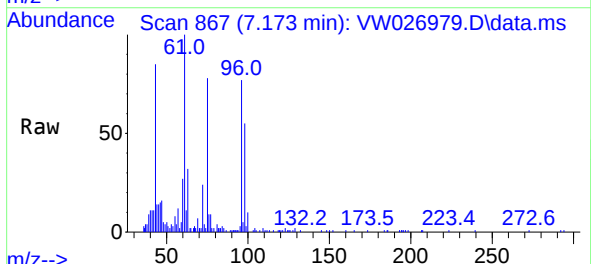
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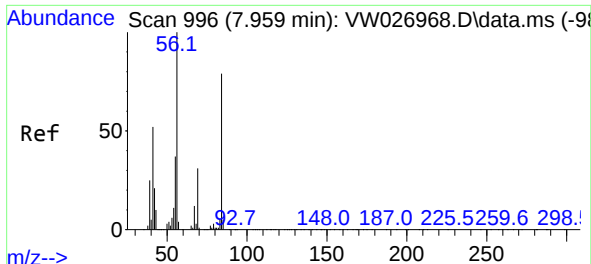
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#20
cis-1,2-Dichloroethene
Concen: 0.796 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

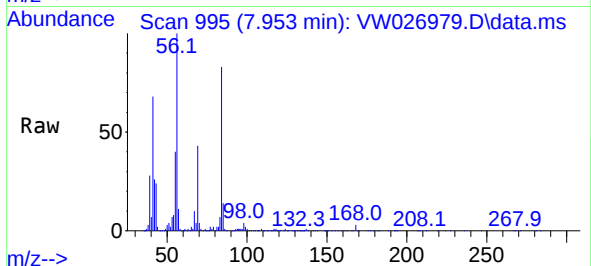
Tgt Ion: 96 Resp: 15844
Ion Ratio Lower Upper
96 100
61 130.1 101.2 188.0
98 71.1 43.8 81.3





#29
Cyclohexane
Concen: 6.372 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

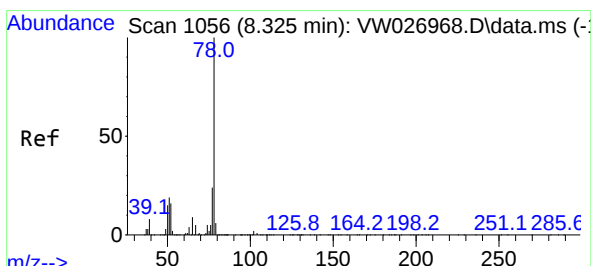
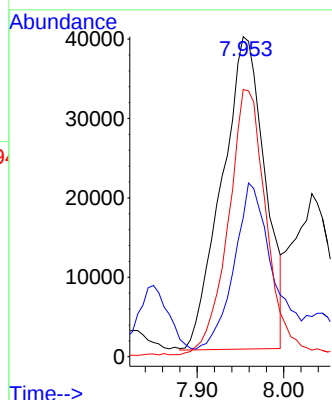
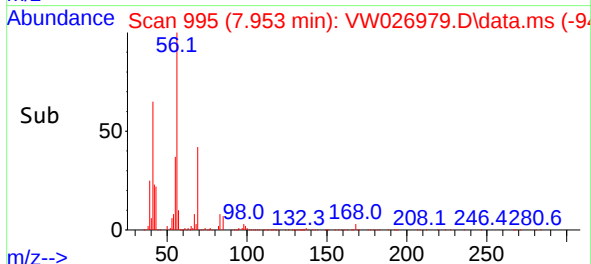
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE



Tgt Ion: 56 Resp: 136019
Ion Ratio Lower Upper
56 100
69 47.4 23.2 34.8
84 74.3 62.7 94.1

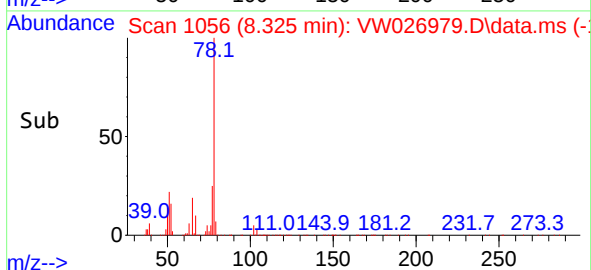
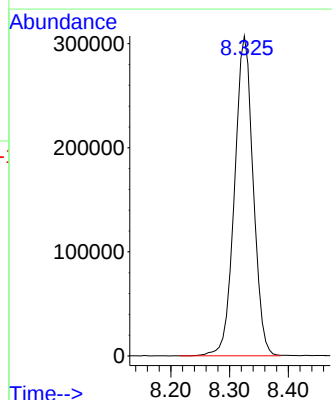
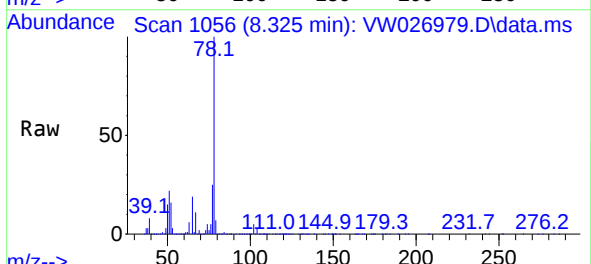
Manual Integrations
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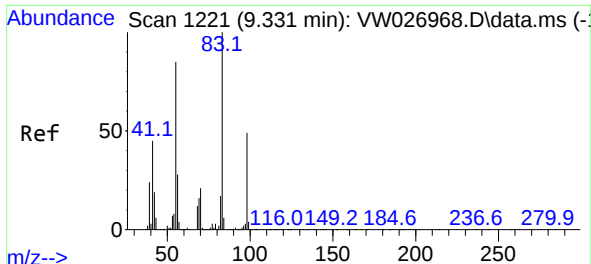
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#33
Benzene
Concen: 13.455 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

Tgt Ion: 78 Resp: 676266





#35

Methylcyclohexane

Concen: 38.589 ug/L

RT: 9.337 min Scan# 1221

Delta R.T. 0.006 min

Lab File: VW026979.D

Acq: 31 Aug 2023 15:48

Instrument :

MSVOA_W

ClientSampleId :

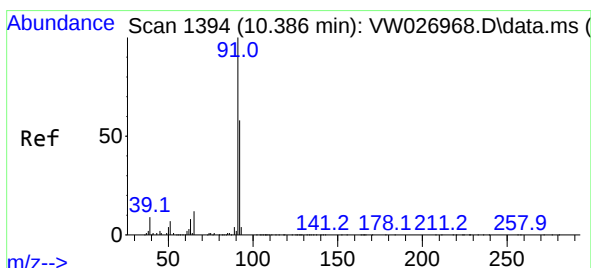
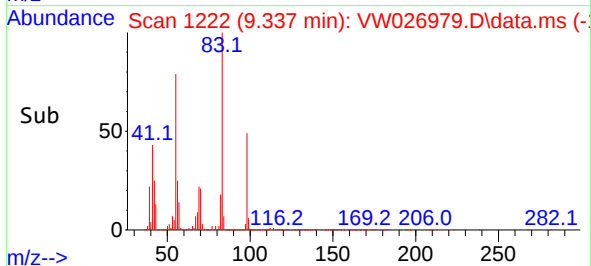
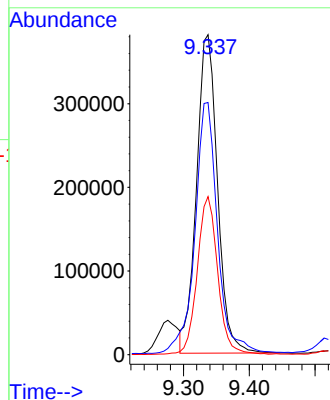
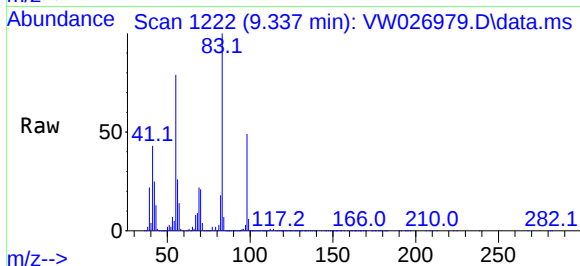
EZYK1RE

Tgt Ion: 83 Resp: 845085
 Ion Ratio Lower Upper
 83 100
 55 85.5 69.3 103.9
 98 48.4 37.4 56.0

Manual Integrations

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#42

Toluene

Concen: 43.277 ug/L

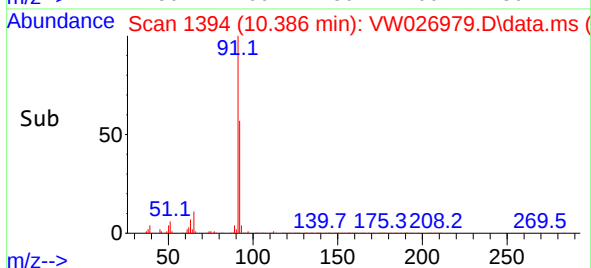
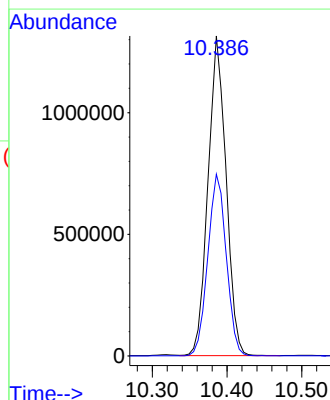
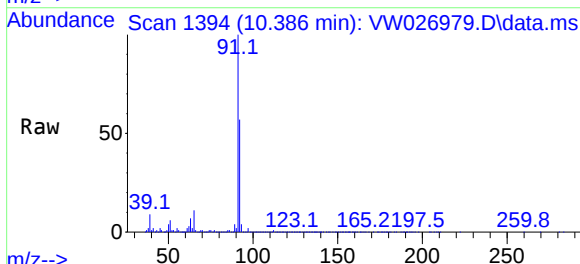
RT: 10.386 min Scan# 1394

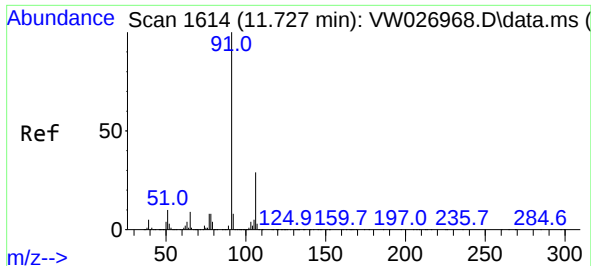
Delta R.T. 0.000 min

Lab File: VW026979.D

Acq: 31 Aug 2023 15:48

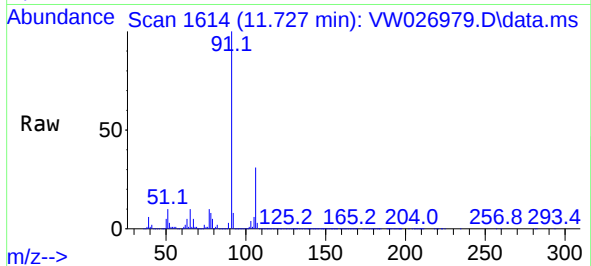
Tgt Ion: 91 Resp: 2200459
 Ion Ratio Lower Upper
 91 100
 92 56.8 40.8 75.8





#52
Ethylbenzene
Concen: 163.317 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

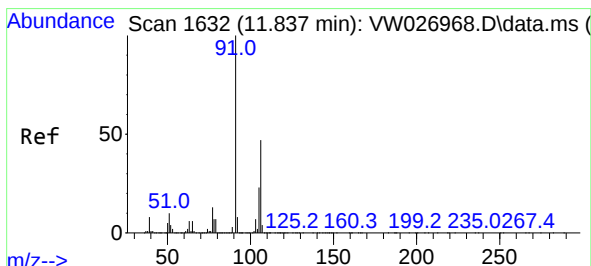
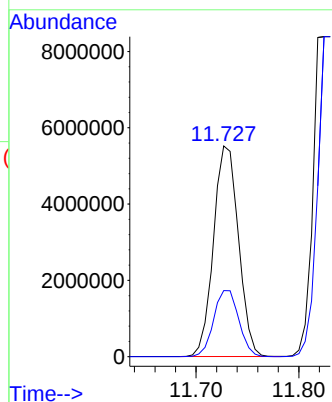
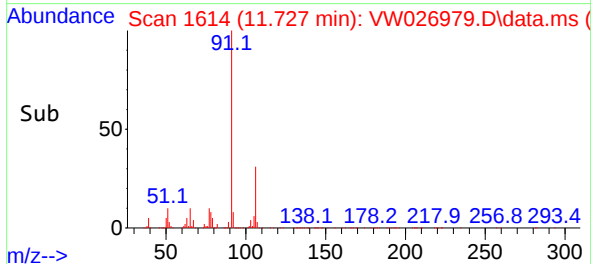
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EZYK1RE



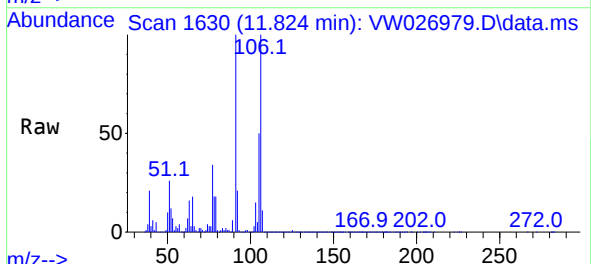
Tgt Ion: 91 Resp: 931213
Ion Ratio Lower Upper
91 100
106 31.3 20.2 37.6

Manual Integrations
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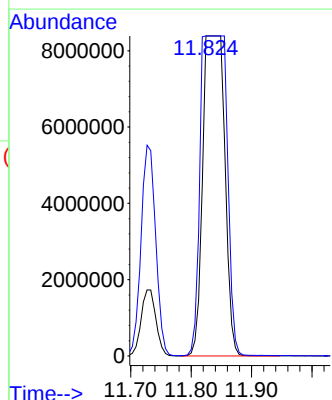
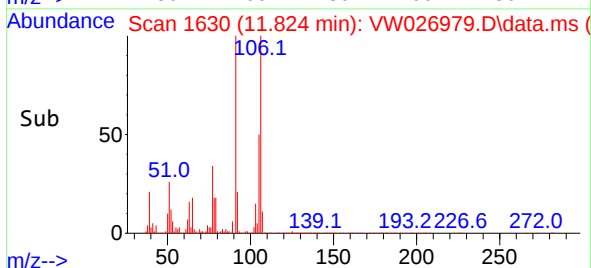
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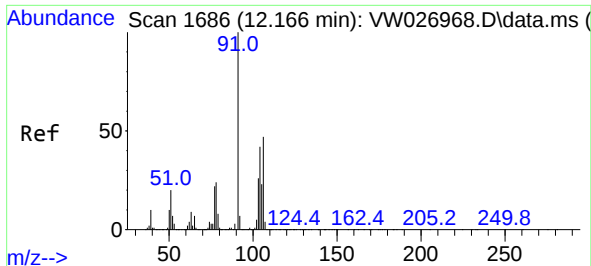


#53
m,p-Xylene
Concen: 1002.148 ug/L m
RT: 11.824 min Scan# 1630
Delta R.T. -0.012 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48



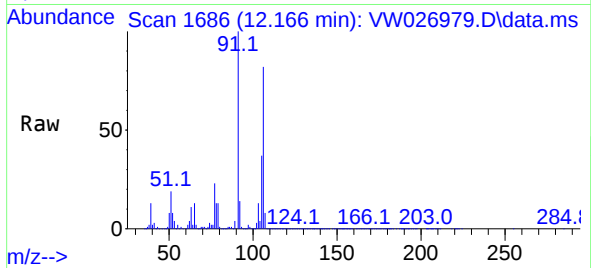
Tgt Ion:106 Resp:21168756
Ion Ratio Lower Upper
106 100
91 100.0 152.9 284.1#





#54
o-Xylene
Concen: 571.477 ug/L m
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

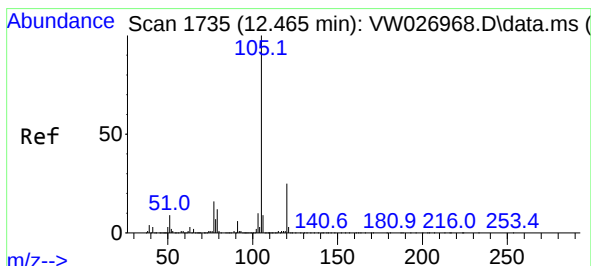
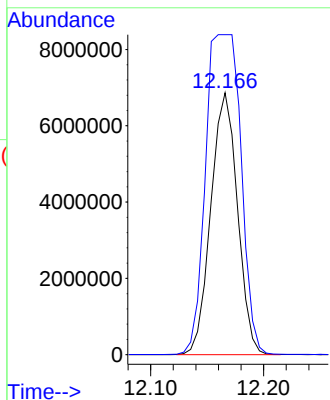
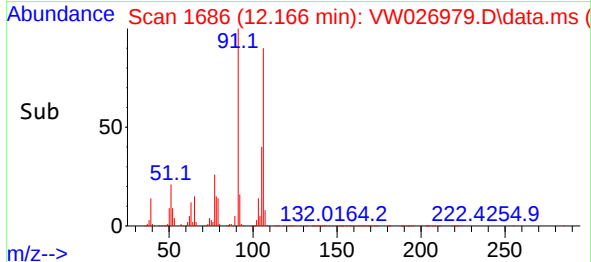
Instrument :
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ClientSampleId :
EZYK1RE



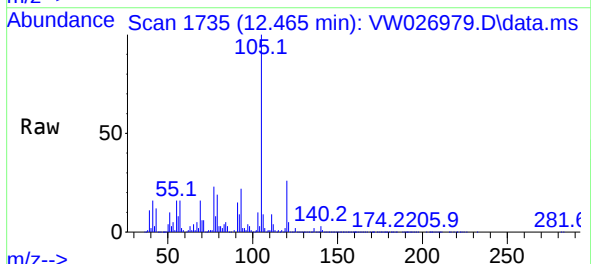
Tgt Ion:106 Resp:1126635
Ion Ratio Lower Upper
106 100
91 122.2 149.9 278.3

Manual Integrations
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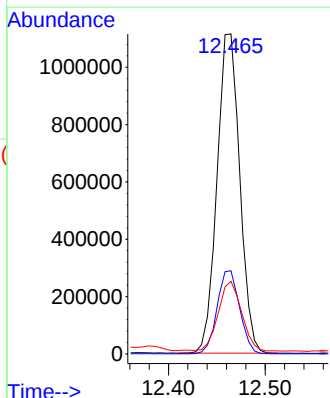
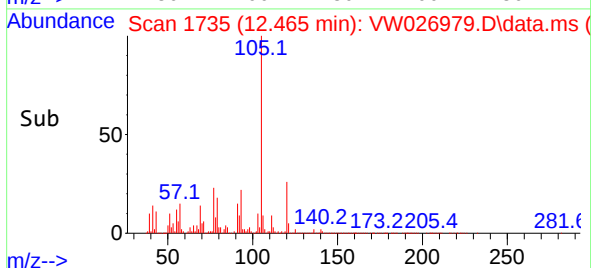
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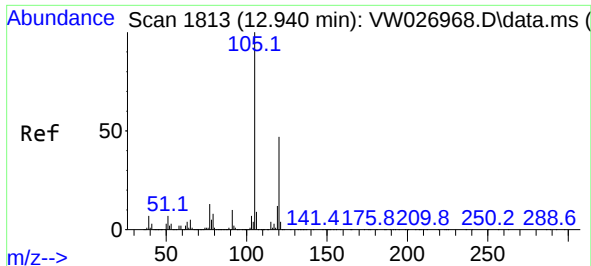


#60
Isopropylbenzene
Concen: 62.641 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48



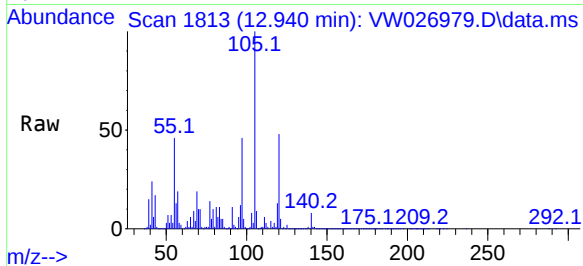
Tgt Ion:105 Resp: 1817773
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 22.5 13.4 20.2





#62
1,3,5-Trimethylbenzene
Concen: 154.072 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48

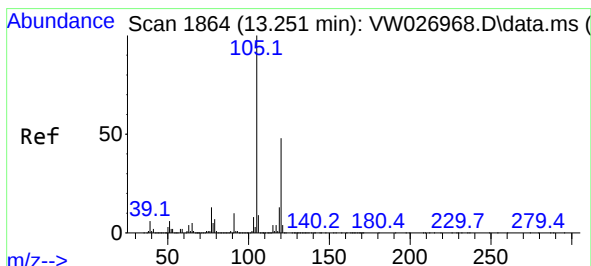
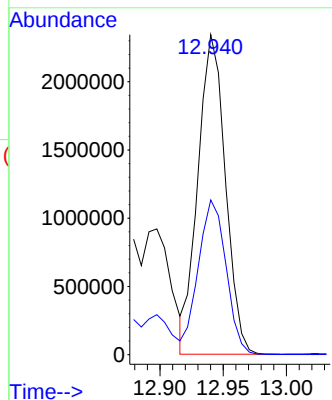
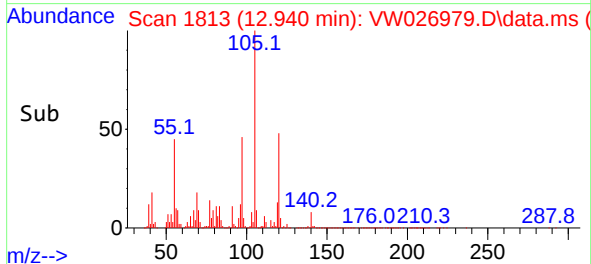
Instrument :
MSVOA_W
ClientSampleId :
EZYK1RE



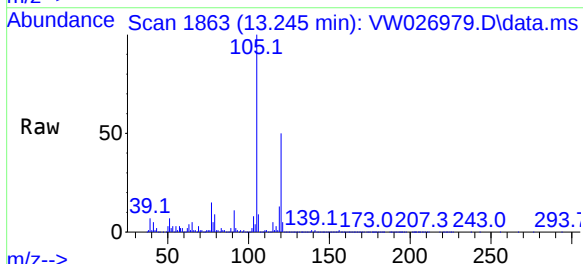
Tgt Ion:105 Resp: 3533938
Ion Ratio Lower Upper
105 100
120 49.1 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#63
1,2,4-Trimethylbenzene
Concen: 346.412 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026979.D
Acq: 31 Aug 2023 15:48



Tgt Ion:105 Resp: 7786165
Ion Ratio Lower Upper
105 100
120 47.4 36.2 54.4

