

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026922.D
 Acq On : 26 Aug 2023 03:04
 Operator : SY/MD
 Sample : 04175-10
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYK4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/28/2023
 Supervised By : Mahesh Dadoda 08/28/2023

Quant Time: Aug 28 01:08:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	93834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	65019	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21334	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.344	65	23696	15.362	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.440%		
7) Chloroethane-d5	2.887	69	23570	20.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.200%		
11) 1,1-Dichloroethene-d2	4.009	65	15409	20.311	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.240%		
21) 2-Butanone-d5	7.093	46	30151m	68.007	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.020%#		
24) Chloroform-d	7.654	84	73593	23.368	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.480%		
26) 1,2-Dichloroethane-d4	8.307	65	48793m	28.075	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.280%		
32) Benzene-d6	8.276	84	129260	28.846	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.400%		
36) 1,2-Dichloropropane-d6	9.276	67	45075	32.293	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	129.160%#		
41) Toluene-d8	10.325	98	97386	25.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.280%		
43) trans-1,3-Dichloroprop...	10.581	79	9246	16.044	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.160%		
47) 2-Hexanone-d5	10.928	63	12781	87.143	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	174.280%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	29238	26.524	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.080%		
66) 1,2-Dichlorobenzene-d4	13.854	152	18856	24.694	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.760%		
Target Compounds						Qvalue
13) Acetone	4.143	43	17612	39.953	ug/L	94
14) Carbon disulfide	4.368	76	81285	16.291	ug/L	99
16) Methylene chloride	4.911	84	7384	4.068	ug/L	96
22) 2-Butanone	7.185	43	6645m	10.229	ug/L	
29) Cyclohexane	7.947	56	31119	15.477	ug/L #	76
33) Benzene	8.319	78	14115	2.981	ug/L	100
34) Trichloroethene	9.087	95	1580m	1.310	ug/L	
35) Methylcyclohexane	9.331	83	64199m	31.119	ug/L	
42) Toluene	10.386	91	7769	1.622	ug/L	90
51) Chlorobenzene	11.654	112	103242	34.124	ug/L	92
52) Ethylbenzene	11.727	91	162981	30.343	ug/L	100
53) m,p-Xylene	11.836	106	16353	8.218	ug/L	96
54) o-Xylene	12.160	106	3352	1.805	ug/L	85
60) Isopropylbenzene	12.464	105	95630	30.150	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.940	105	3238	1.292	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	272877	111.073	ug/L	96

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

Instrument :

MSVOA_W

ClientSampleId :

EZYK4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/28/2023

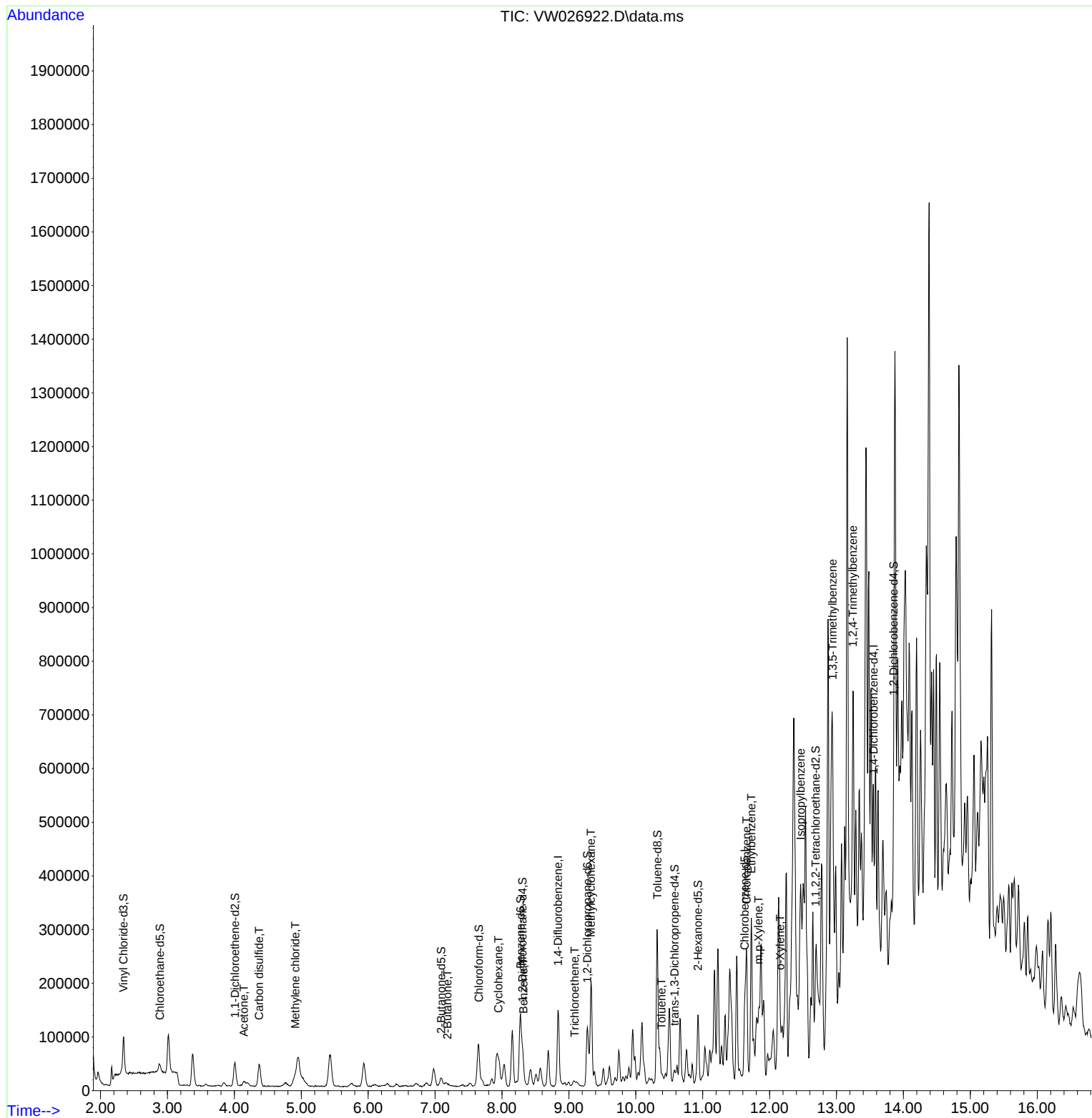
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026922.D
Acq On : 26 Aug 2023 03:04
Operator : SY/MD
Sample : 04175-10
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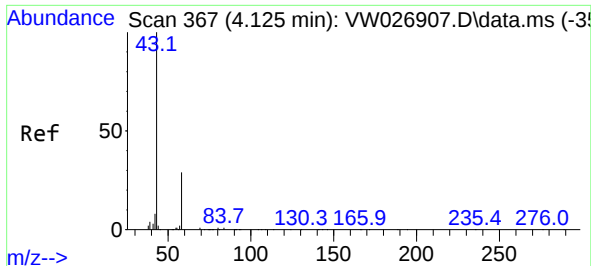
Instrument :
MSVOA_W
ClientSampleId :
EZYK4

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration





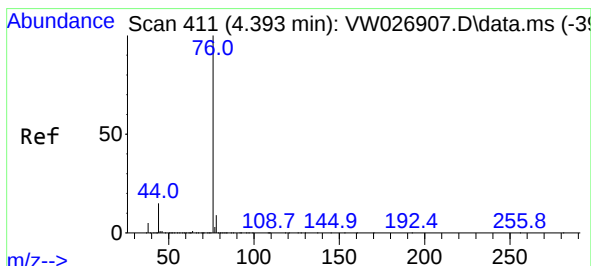
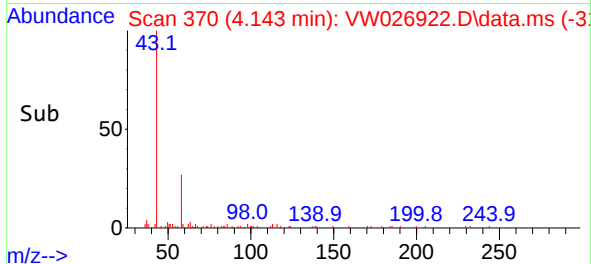
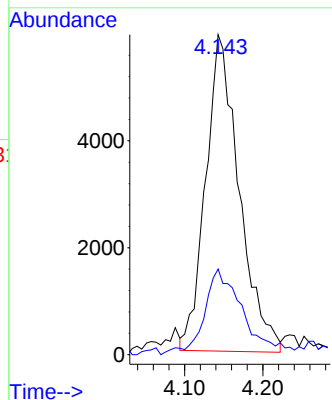
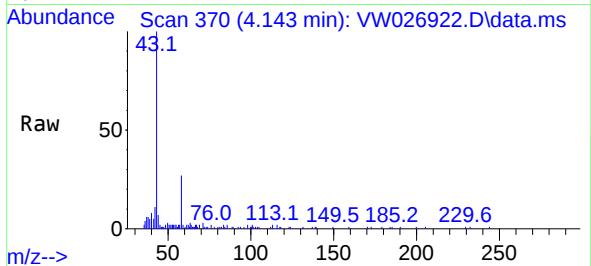
#13
Acetone
Concen: 39.953 ug/L
RT: 4.143 min Scan# 31
Delta R.T. 0.018 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 25.5 0.0 57.4

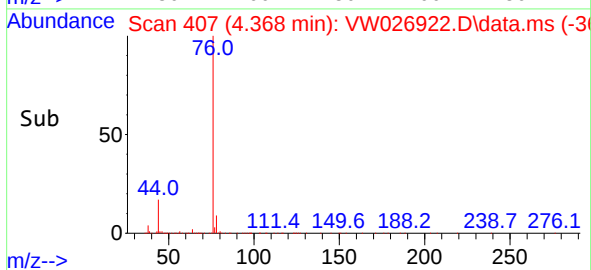
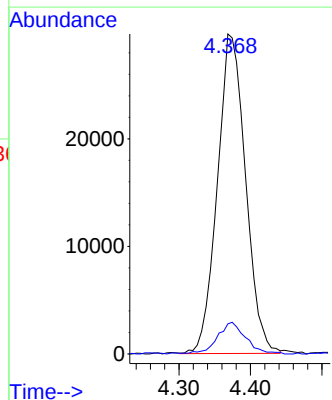
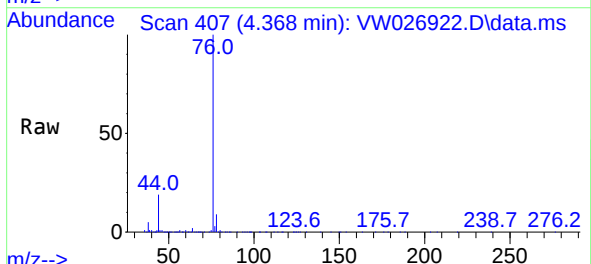
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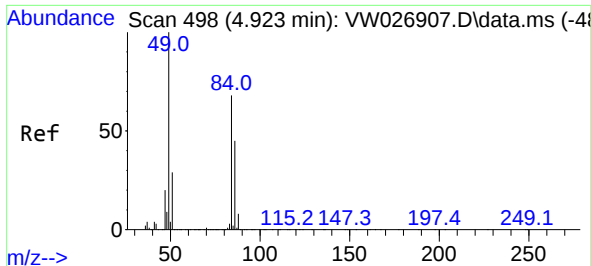
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#14
Carbon disulfide
Concen: 16.291 ug/L
RT: 4.368 min Scan# 407
Delta R.T. -0.024 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

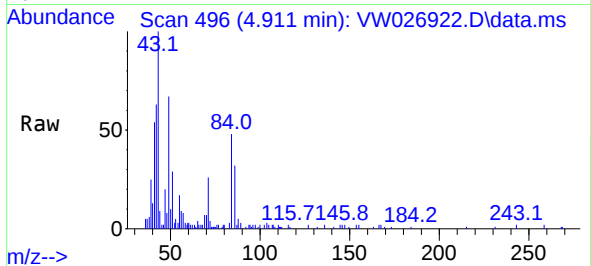
Tgt Ion: 76 Resp: 81285
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#16
Methylene chloride
Concen: 4.068 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

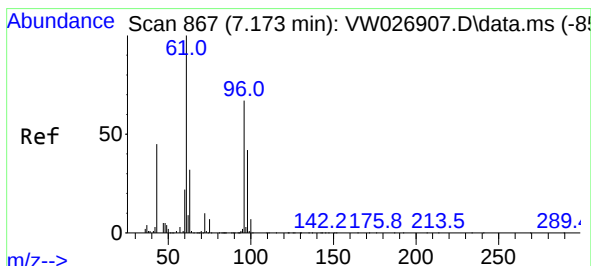
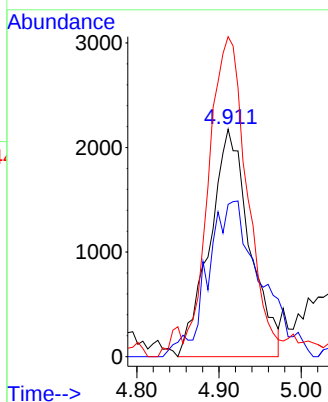
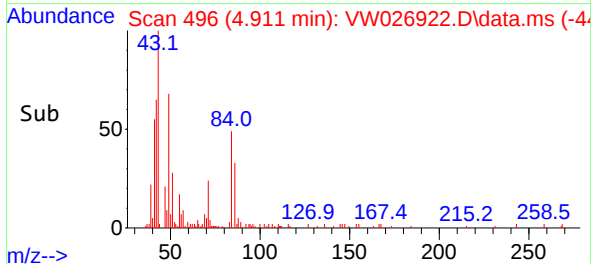
Instrument :
MSVOA_W
ClientSampleId :
EZYK4



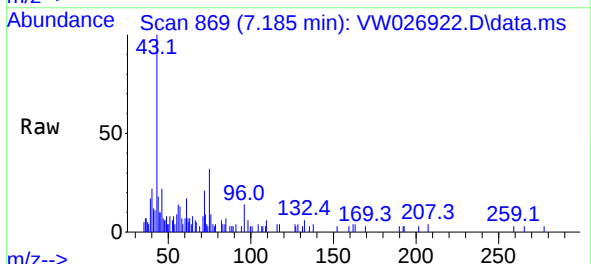
Tgt Ion: 84 Resp: 7384
Ion Ratio Lower Upper
84 100
86 67.0 43.5 80.9
49 140.6 96.0 178.2

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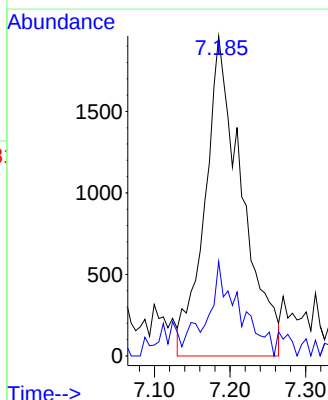
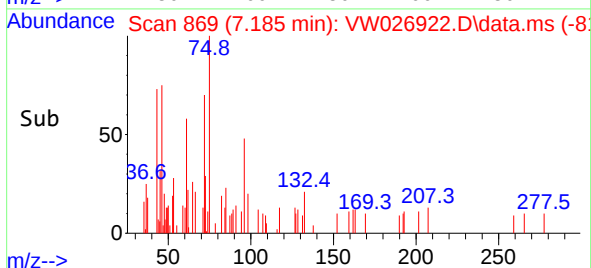
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

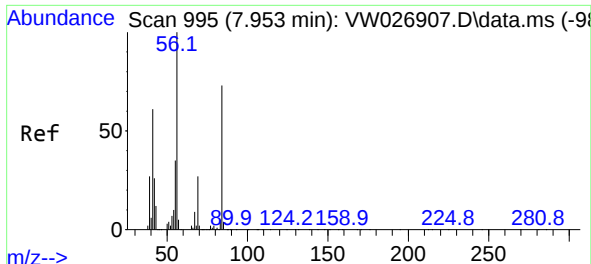


#22
2-Butanone
Concen: 10.229 ug/L m
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04



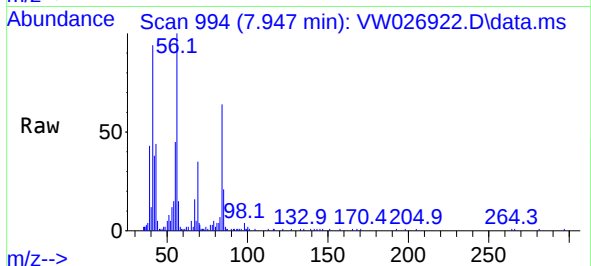
Tgt Ion: 43 Resp: 6645
Ion Ratio Lower Upper
43 100
72 13.2 11.8 35.4





#29
Cyclohexane
Concen: 15.477 ug/L
RT: 7.947 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

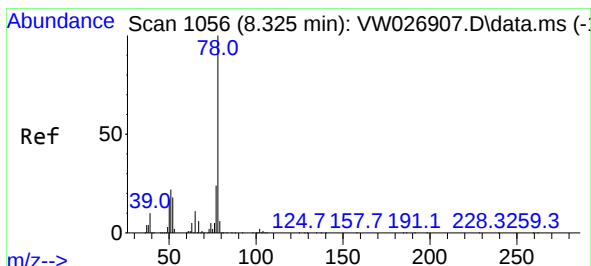
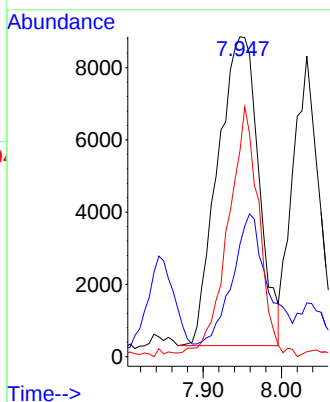
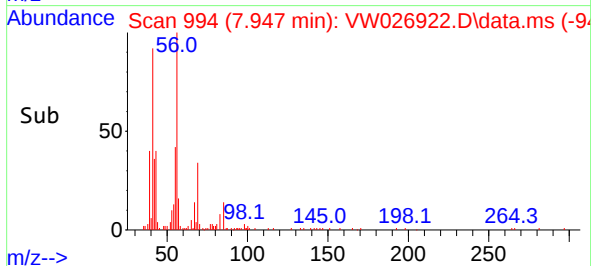
Instrument :
MSVOA_W
ClientSampleId :
EZYK4



Tgt Ion: 56 Resp: 31115
Ion Ratio Lower Upper
56 100
69 42.7 23.2 34.8
84 57.5 62.7 94.1

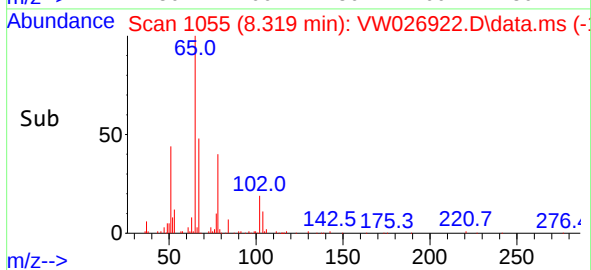
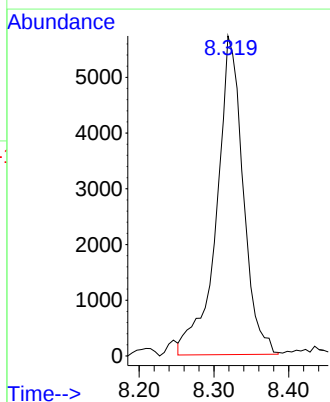
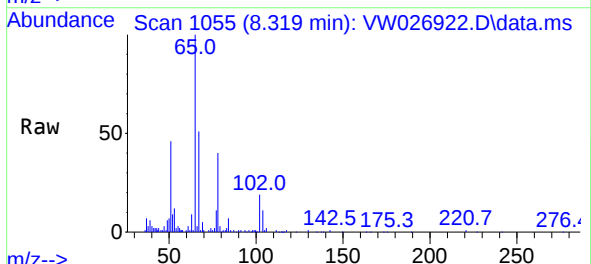
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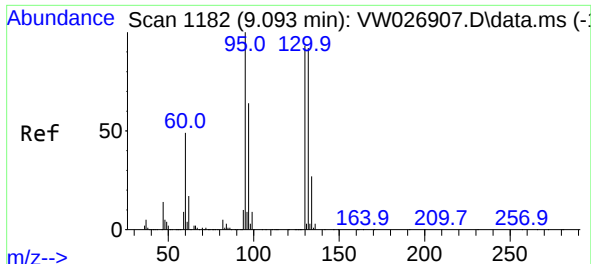
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#33
Benzene
Concen: 2.981 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

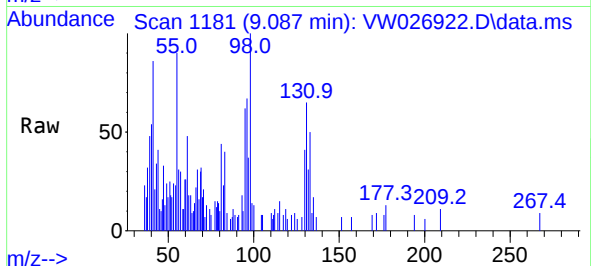
Tgt Ion: 78 Resp: 14115





#34
Trichloroethene
Concen: 1.310 ug/L m
RT: 9.087 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

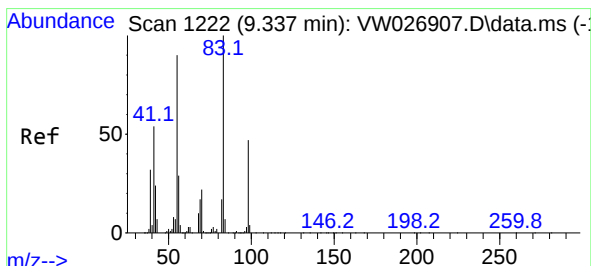
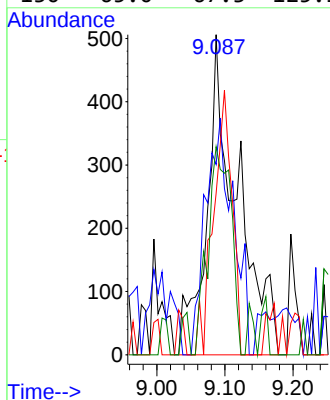
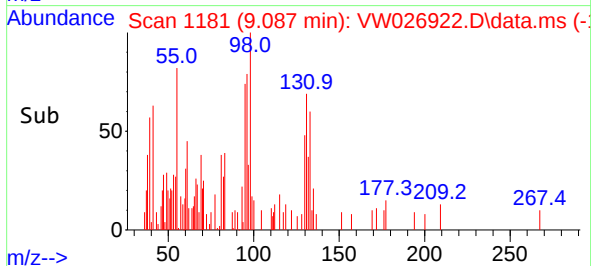
Instrument :
MSVOA_W
ClientSampleId :
EZYK4



Tgt Ion: 95 Resp: 1580
Ion Ratio Lower Upper
95 100
97 59.5 44.6 82.8
132 50.4 66.4 123.2
130 65.0 67.3 125.1#

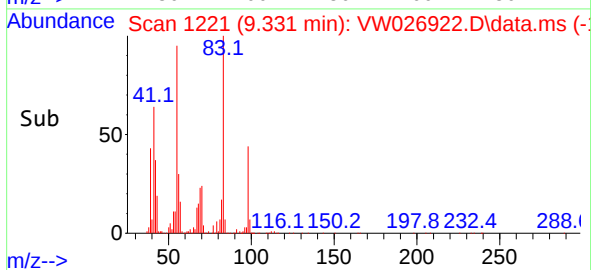
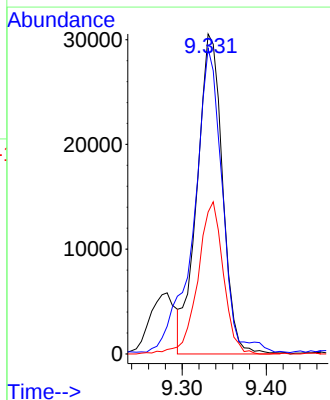
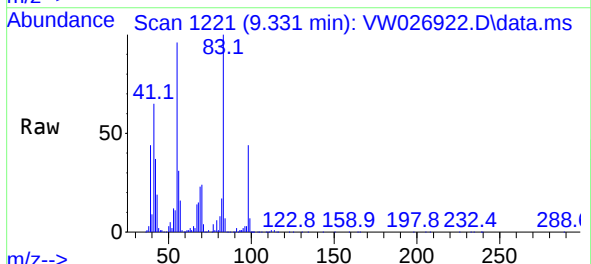
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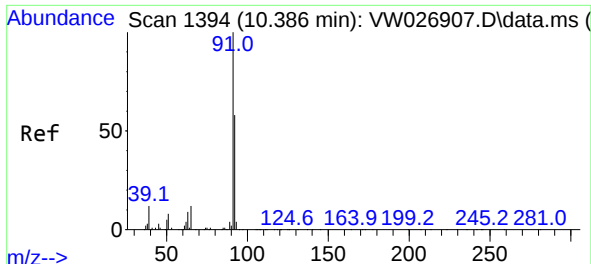
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#35
Methylcyclohexane
Concen: 31.119 ug/L m
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

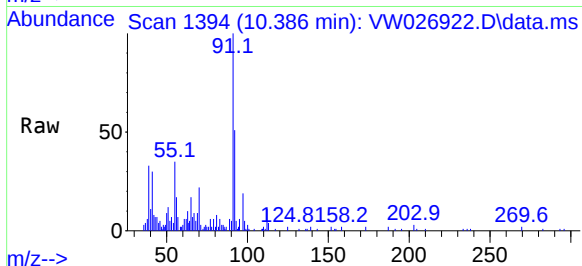
Tgt Ion: 83 Resp: 64199
Ion Ratio Lower Upper
83 100
55 0.2 69.3 103.9#
98 0.1 37.4 56.0#





#42
Toluene
Concen: 1.622 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

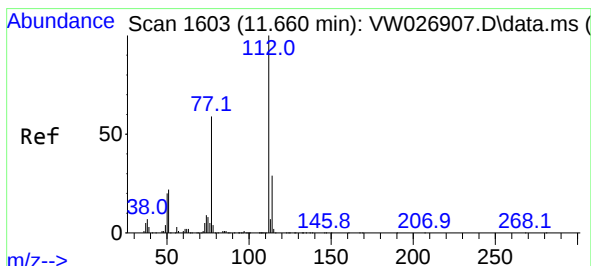
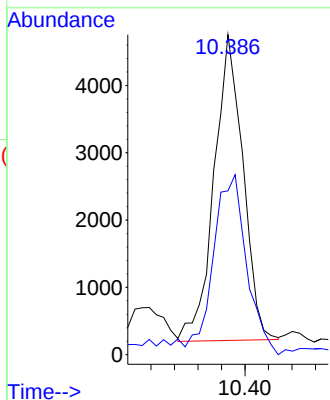
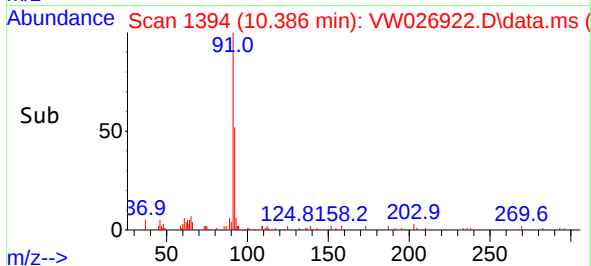
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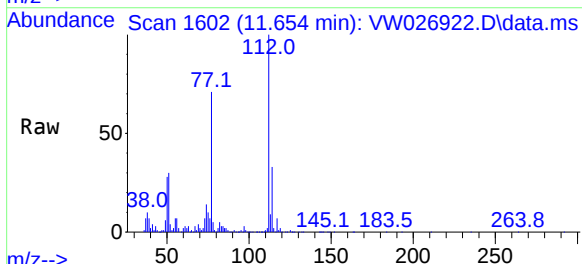
Tgt Ion: 91 Resp: 7769
Ion Ratio Lower Upper
91 100
92 51.2 40.8 75.8

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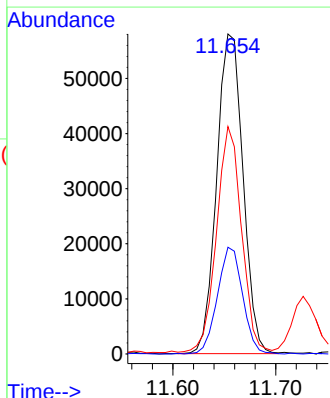
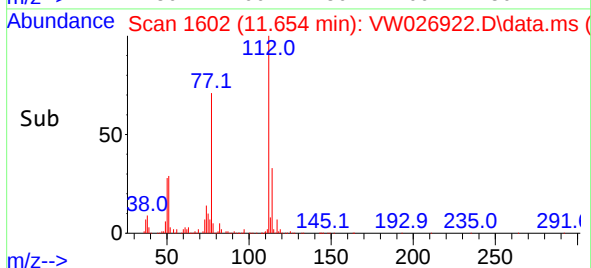
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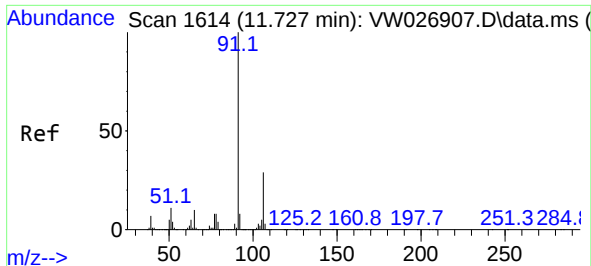


#51
Chlorobenzene
Concen: 34.124 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04



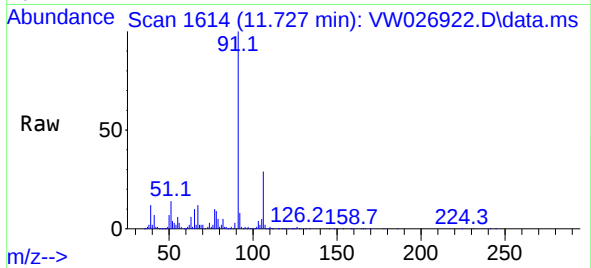
Tgt Ion:112 Resp: 103242
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 71.1 50.2 75.2





#52
Ethylbenzene
Concen: 30.343 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

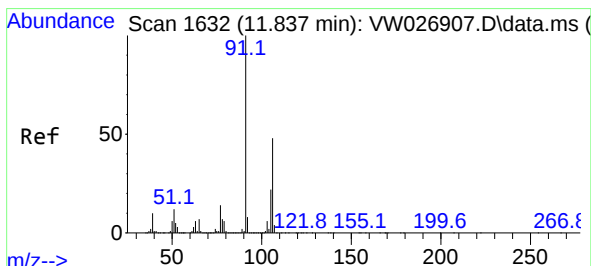
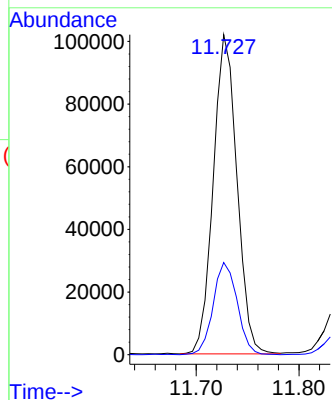
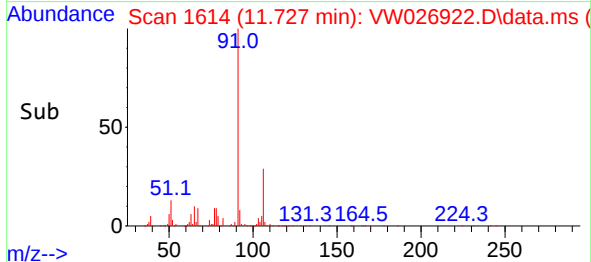
Instrument :
MSVOA_W
ClientSampleId :
EZYK4



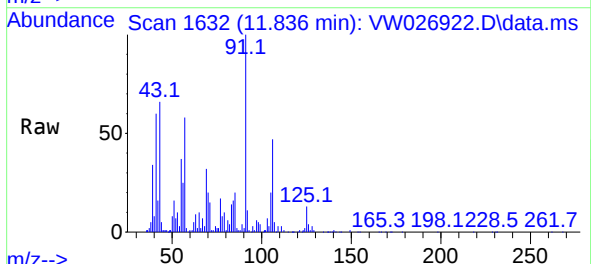
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Ion Ratio Lower Upper
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106 28.8 20.2 37.6

Manual Integrations
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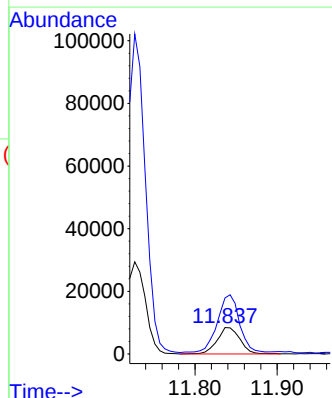
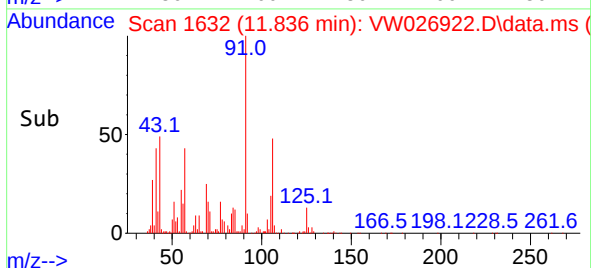
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

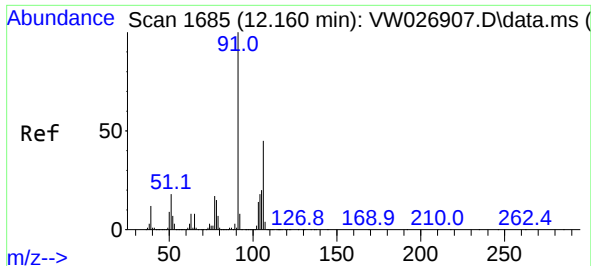


#53
m,p-Xylene
Concen: 8.218 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04



Tgt Ion:106 Resp: 16353
Ion Ratio Lower Upper
106 100
91 211.5 152.9 284.1





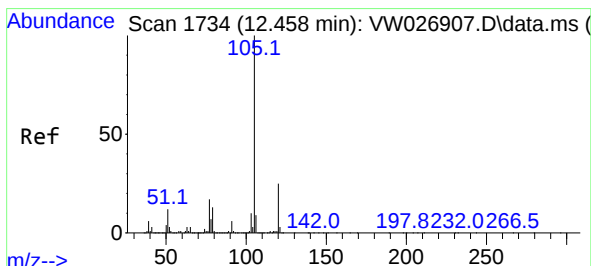
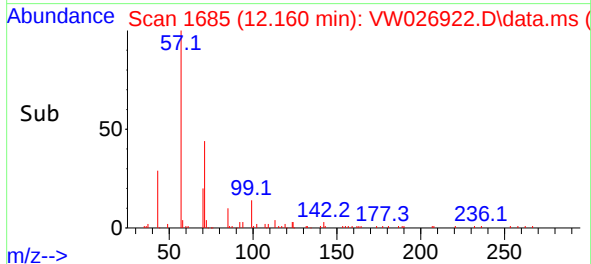
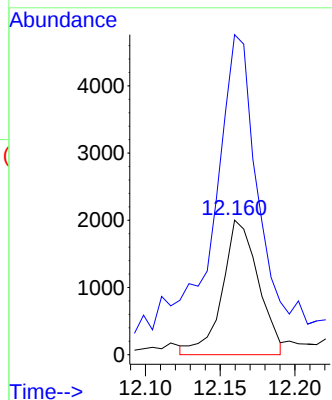
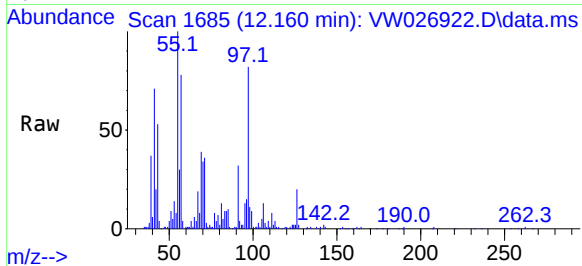
#54
o-Xylene
Concen: 1.805 ug/L
RT: 12.160 min Scan# 106
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

Instrument :
MSVOA_W
ClientSampleId :
EZYK4

Tgt Ion:106 Resp: 3352
Ion Ratio Lower Upper
106 100
91 237.7 149.9 278.3

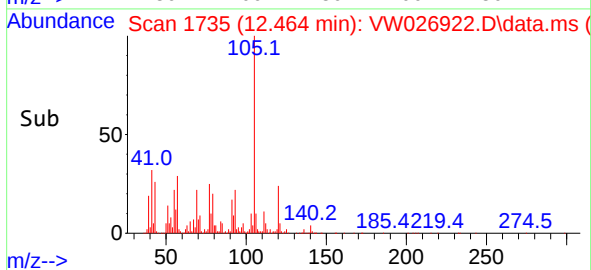
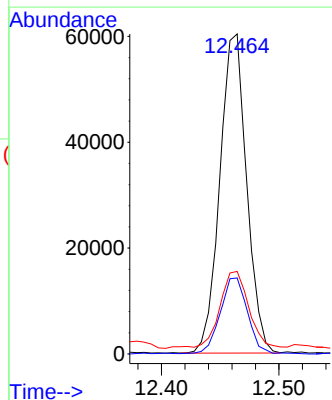
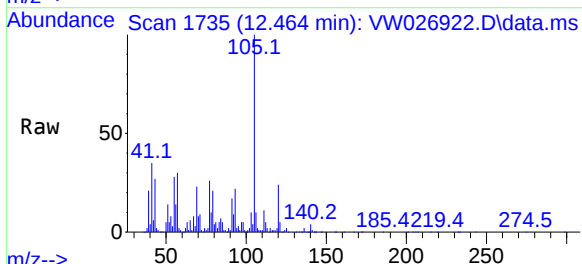
Manual Integrations
APPROVED

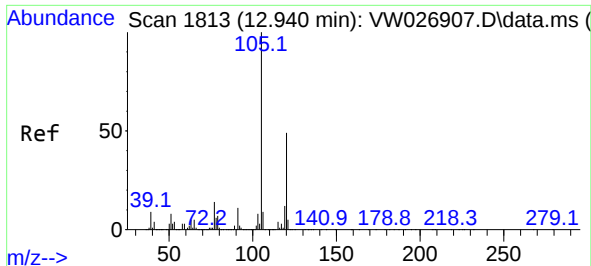
Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#60
Isopropylbenzene
Concen: 30.150 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

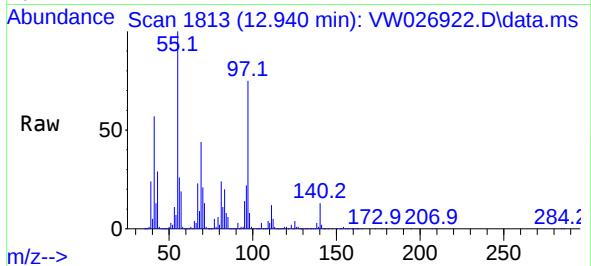
Tgt Ion:105 Resp: 95630
Ion Ratio Lower Upper
105 100
120 23.8 21.0 31.6
77 24.8 13.4 20.2#





#62
1,3,5-Trimethylbenzene
Concen: 1.292 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04

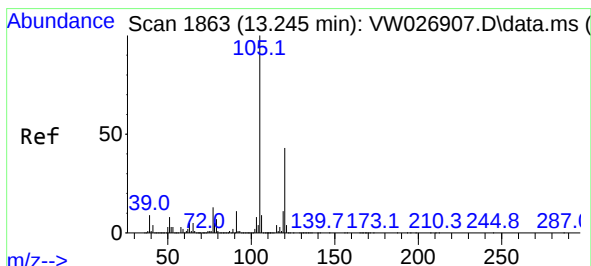
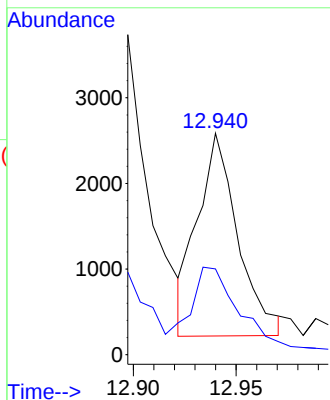
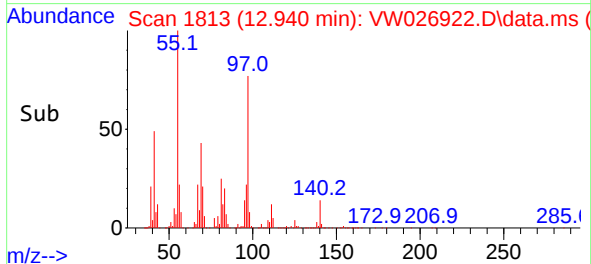
Instrument :
MSVOA_W
ClientSampleId :
EZYK4



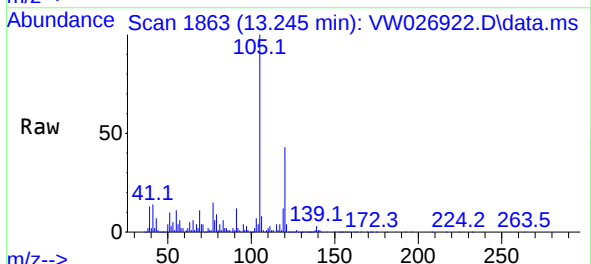
Tgt Ion:105 Resp: 3238
Ion Ratio Lower Upper
105 100
120 48.5 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#63
1,2,4-Trimethylbenzene
Concen: 111.073 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026922.D
Acq: 26 Aug 2023 03:04



Tgt Ion:105 Resp: 272877
Ion Ratio Lower Upper
105 100
120 43.0 36.2 54.4

