

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027417.D
 Acq On : 24 Oct 2023 15:21
 Operator : SY/MD
 Sample : 05034-01
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH5L1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 25 01:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	592471	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	459906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	133452	14.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.040%		
7) Chloroethane-d5	2.899	69	110797	17.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.280%		
11) 1,1-Dichloroethene-d2	4.021	65	70778	15.622	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.480%		
21) 2-Butanone-d5	7.075	46	108162	35.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.980%		
24) Chloroform-d	7.648	84	326334	18.480	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.920%		
26) 1,2-Dichloroethane-d4	8.301	65	173980m	18.341	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.360%		
32) Benzene-d6	8.270	84	646365	20.773	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.080%		
36) 1,2-Dichloropropane-d6	9.270	67	211221	22.224	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.880%		
41) Toluene-d8	10.319	98	514051	18.218	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.880%		
43) trans-1,3-Dichloroprop...	10.575	79	71555	16.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.040%		
47) 2-Hexanone-d5	10.922	63	80179	40.776	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.560%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	131788	18.586	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	86583	17.431	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.720%#		
Target Compounds					Qvalue	
13) Acetone	4.118	43	9239	3.559	ug/L	92
16) Methylene chloride	4.917	84	28138	2.595	ug/L	96
46) Tetrachloroethene	10.861	164	41989	7.659	ug/L	95
52) Ethylbenzene	11.727	91	46868	1.279	ug/L	99
53) m,p-Xylene	11.837	106	68518	4.930	ug/L	81
54) o-Xylene	12.166	106	26121	1.963	ug/L	95

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

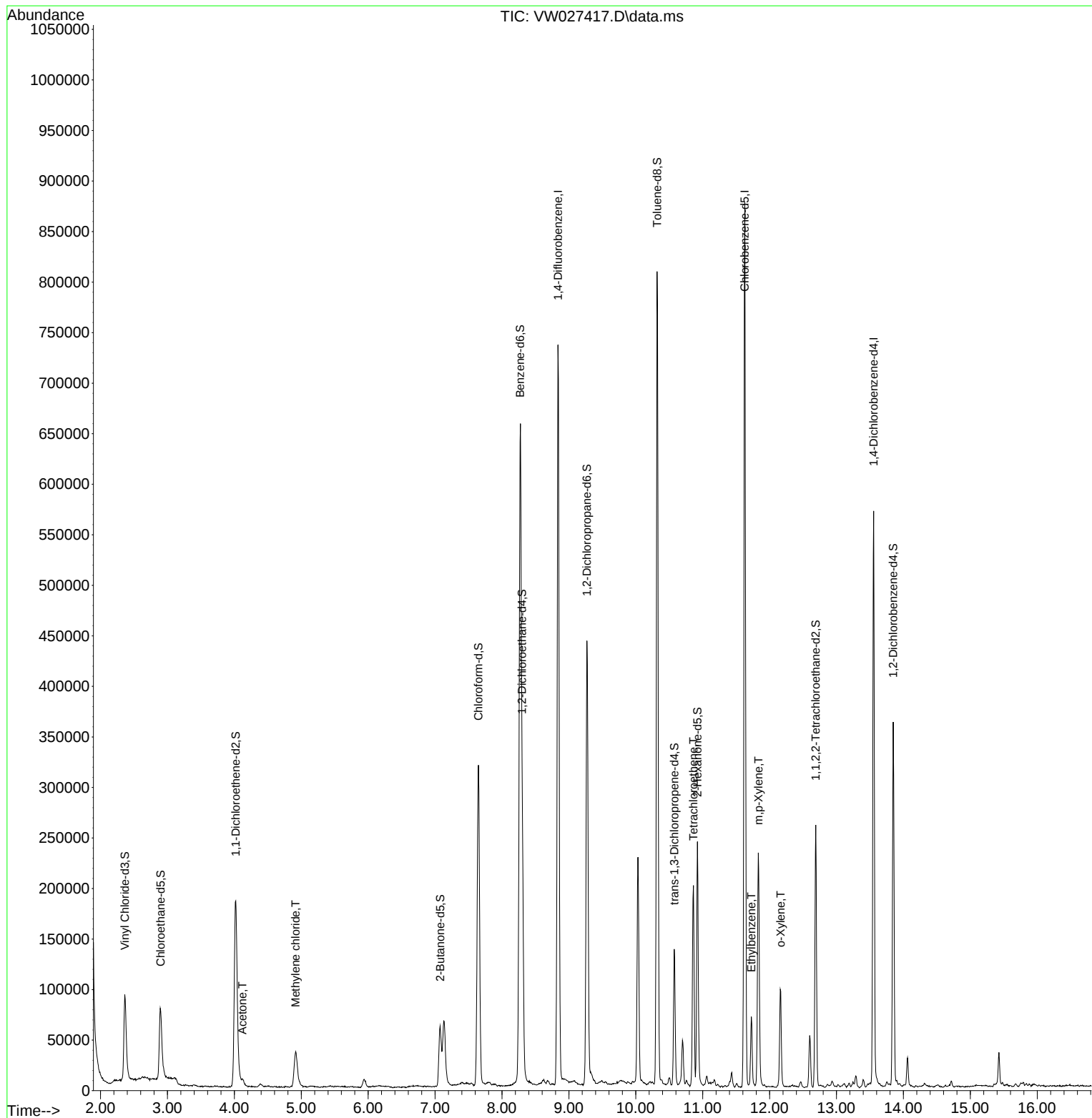
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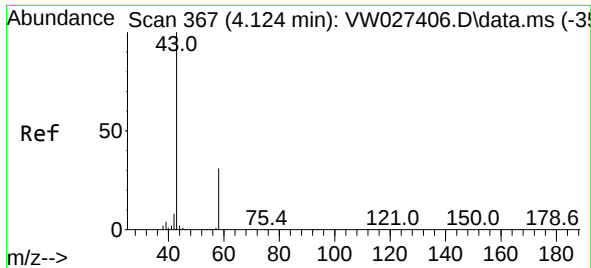
Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration





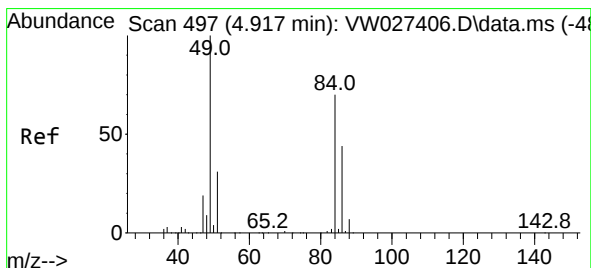
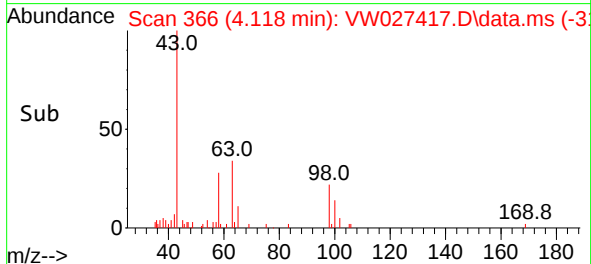
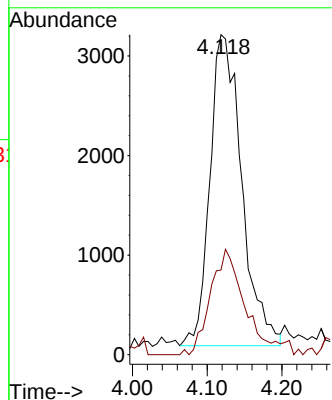
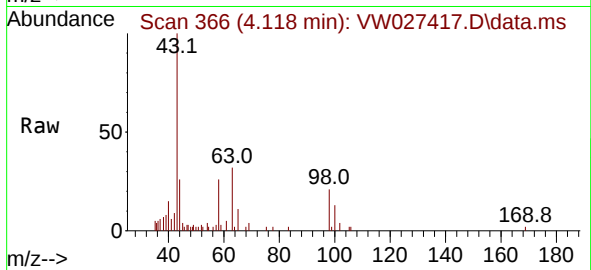
#13
Acetone
Concen: 3.559 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW027417.D
Acq: 24 Oct 2023 15:21

Instrument :
MSVOA_W
ClientSampleId :
BH5L1

Tgt Ion: 43 Resp: 9239
Ion Ratio Lower Upper
43 100
58 34.9 0.0 60.8

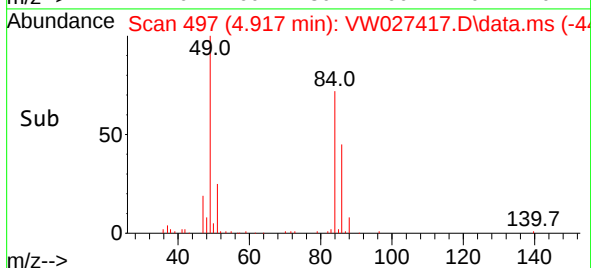
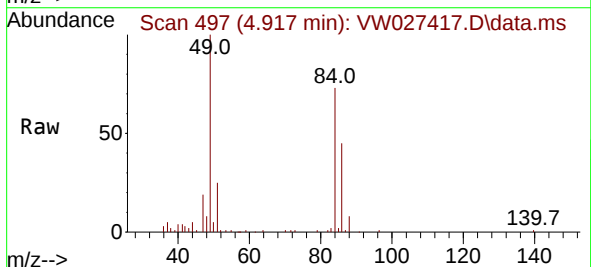
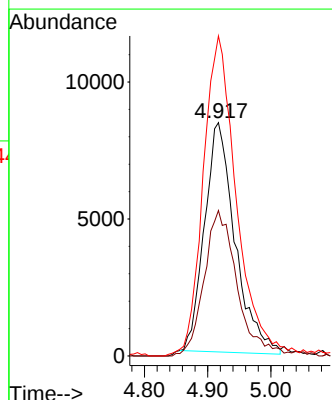
Manual Integrations
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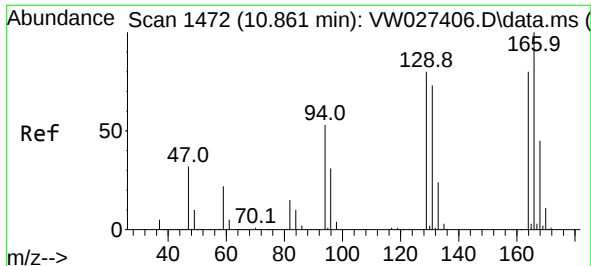
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
Methylene chloride
Concen: 2.595 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027417.D
Acq: 24 Oct 2023 15:21

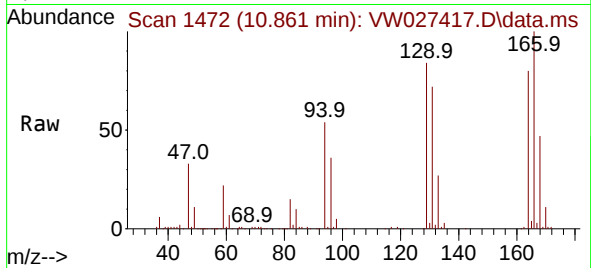
Tgt Ion: 84 Resp: 28138
Ion Ratio Lower Upper
84 100
86 62.4 41.3 76.7
49 137.2 92.8 172.4





#46
Tetrachloroethene
Concen: 7.659 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027417.D
Acq: 24 Oct 2023 15:21

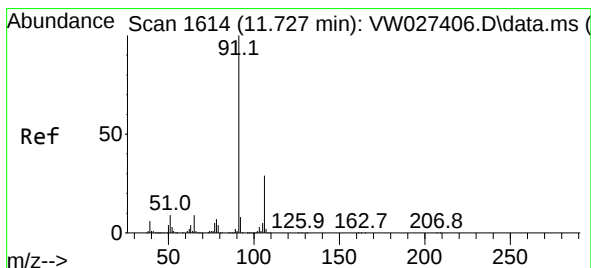
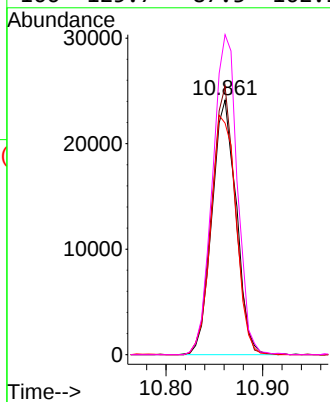
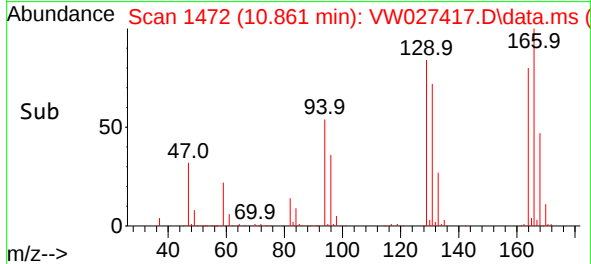
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Tgt Ion:164 Resp: 41989
Ion Ratio Lower Upper
164 100
129 105.5 74.7 138.7
131 90.9 73.2 136.0
166 125.7 87.3 162.1

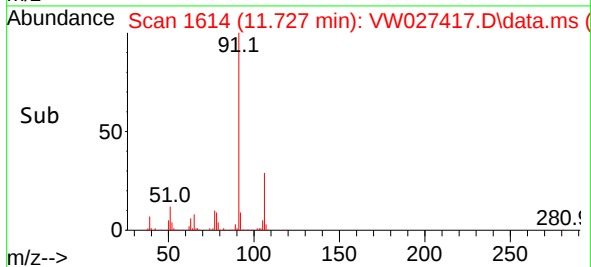
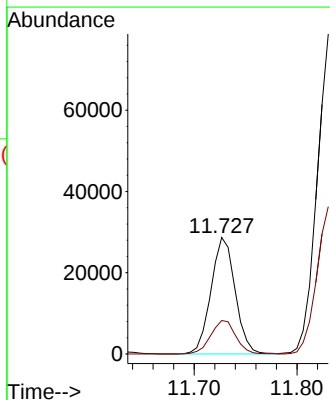
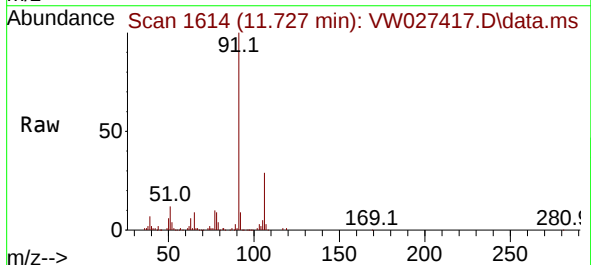
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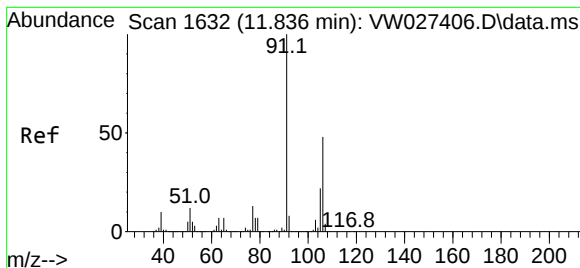
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Ethylbenzene
Concen: 1.279 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027417.D
Acq: 24 Oct 2023 15:21

Tgt Ion: 91 Resp: 46868
Ion Ratio Lower Upper
91 100
106 28.7 19.8 36.8





#53

m,p-Xylene

Concen: 4.930 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027417.D

Acq: 24 Oct 2023 15:21

Instrument :

MSVOA_W

ClientSampleId :

BH5L1

Tgt Ion:106 Resp: 68518

Ion Ratio Lower Upper

106 100

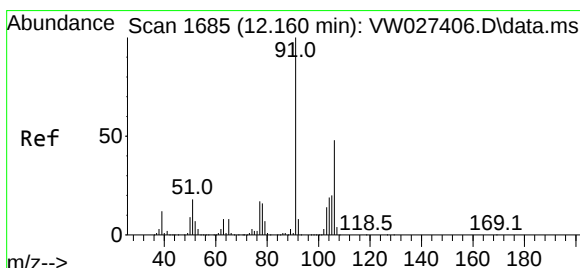
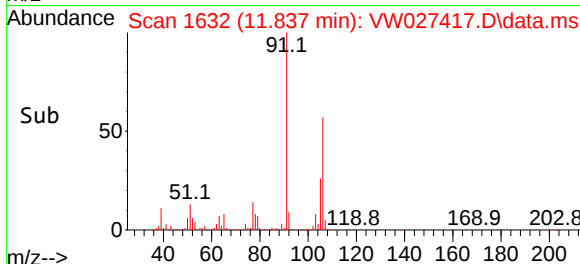
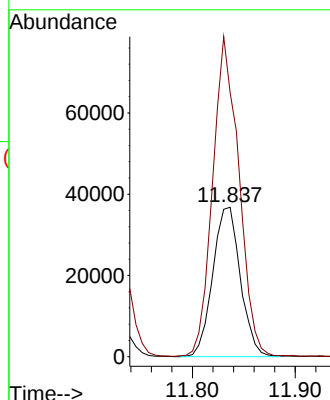
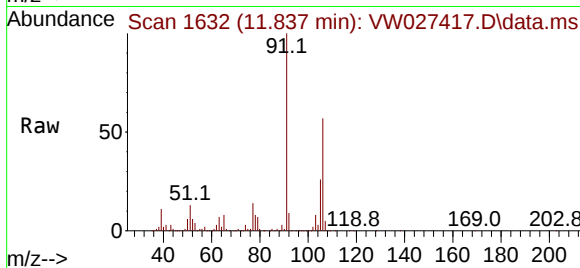
91 176.7 144.5 268.4

Manual Integrations

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#54

o-Xylene

Concen: 1.963 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW027417.D

Acq: 24 Oct 2023 15:21

Tgt Ion:106 Resp: 26121

Ion Ratio Lower Upper

106 100

91 209.6 152.0 282.2

