

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027482.D
 Acq On : 31 Oct 2023 13:50
 Operator : SY/MD
 Sample : 05174-04
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 01:50:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	18486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	15664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	5057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	4743	16.812	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.240%		
7) Chloroethane-d5	2.905	69	4465	22.041	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.160%		
11) 1,1-Dichloroethene-d2	4.027	65	2691m	19.036	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.160%		
21) 2-Butanone-d5	7.118	46	1598m	17.041	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	34.080%		
24) Chloroform-d	7.648	84	11826	21.464	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.840%		
26) 1,2-Dichloroethane-d4	8.313	65	6470	21.860	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.440%		
32) Benzene-d6	8.283	84	22172	20.921	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.680%		
36) 1,2-Dichloropropane-d6	9.276	67	7269	22.456	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.840%		
41) Toluene-d8	10.325	98	17396	18.101	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.400%		
43) trans-1,3-Dichloroprop...	10.587	79	2306	15.625	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.480%		
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	4436	18.368	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.480%		
66) 1,2-Dichlorobenzene-d4	13.849	152	3426	18.695	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.800%#		
Target Compounds						
42) Toluene	10.386	91	37953	35.341	ug/L	94
52) Ethylbenzene	11.727	91	14210	11.387	ug/L	97
53) m,p-Xylene	11.837	106	13987	29.551	ug/L	96
54) o-Xylene	12.166	106	5630	12.421	ug/L	98
60) Isopropylbenzene	12.465	105	800	1.007	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.940	105	1615	2.437	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	5301	8.176	ug/L	98

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

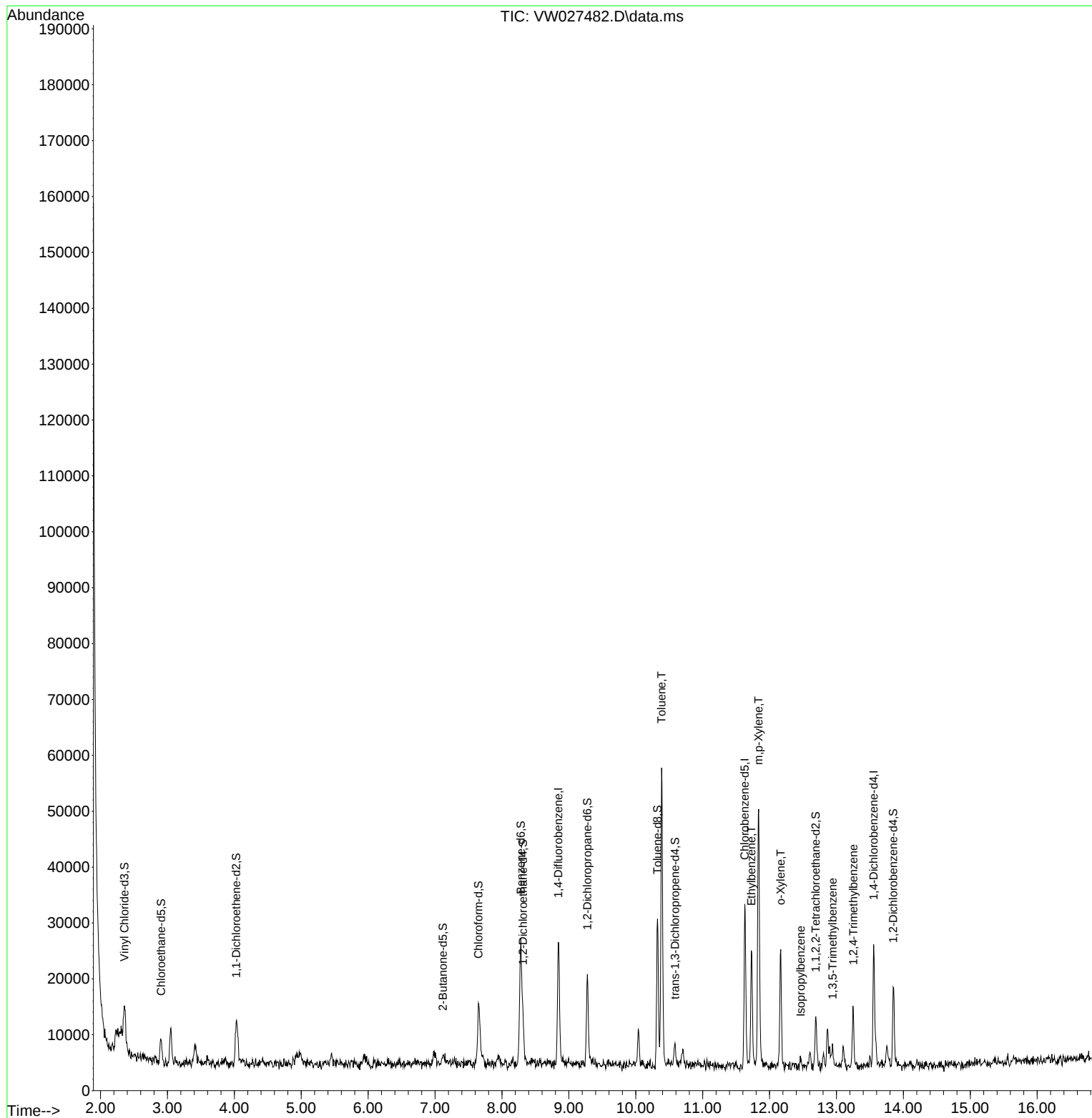
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027482.D
Acq On : 31 Oct 2023 13:50
Operator : SY/MD
Sample : 05174-04
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ALS Vial : 1 Sample Multiplier: 1

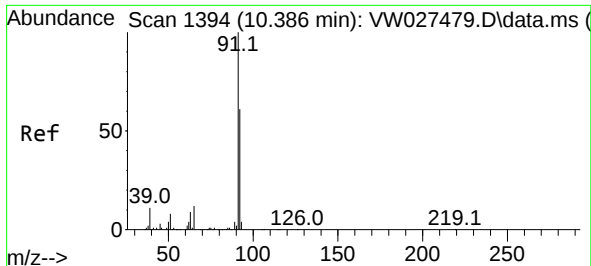
Instrument :
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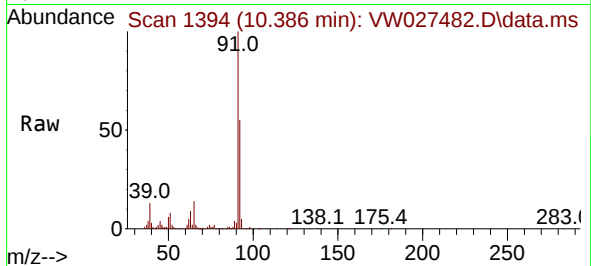
Quant Time: Nov 01 01:50:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration





#42
Toluene
Concen: 35.341 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50

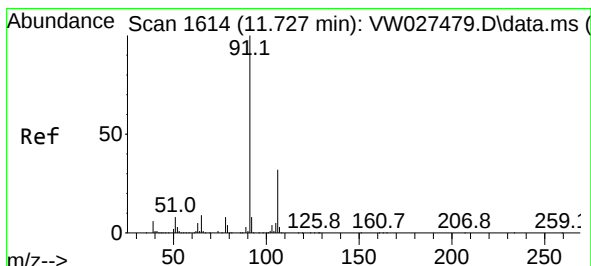
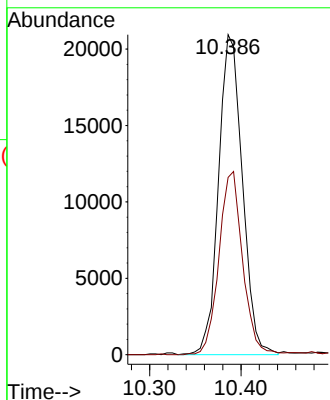
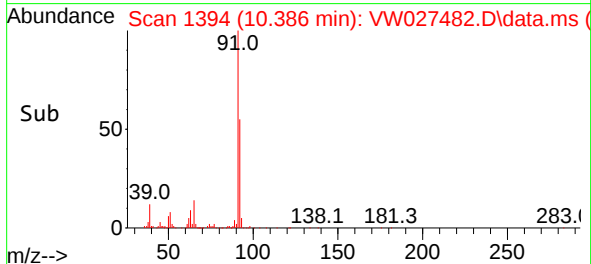
Instrument :
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ClientSampleId :
C0AM7



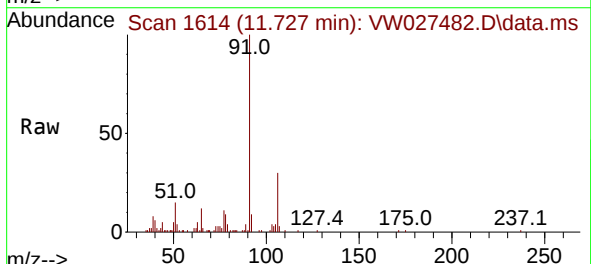
Tgt Ion: 91 Resp: 3795
Ion Ratio Lower Upper
91 100
92 55.4 42.1 78.1

Manual Integrations
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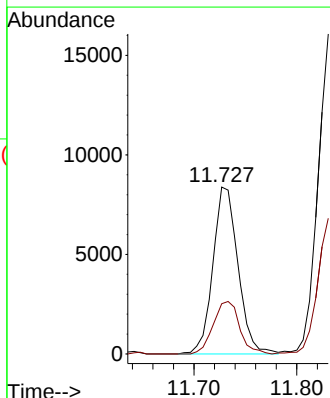
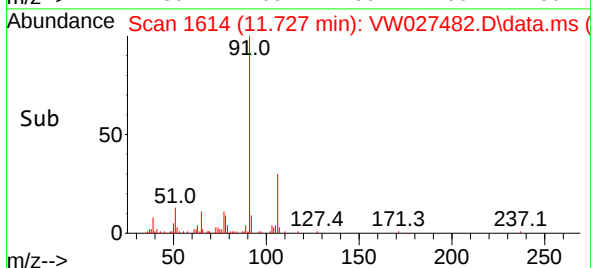
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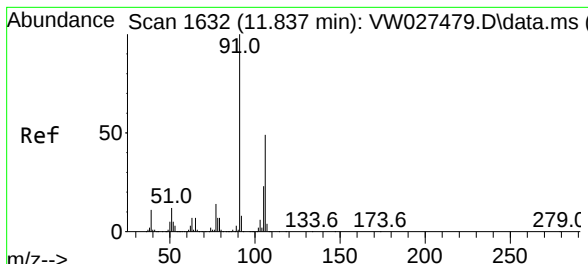


#52
Ethylbenzene
Concen: 11.387 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50



Tgt Ion: 91 Resp: 14210
Ion Ratio Lower Upper
91 100
106 30.1 19.8 36.8





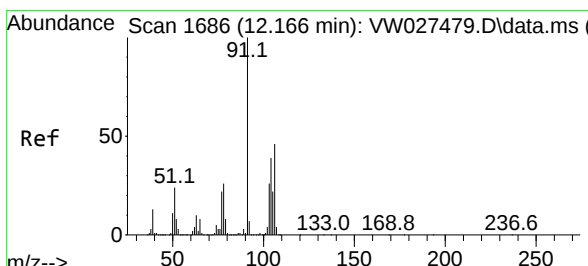
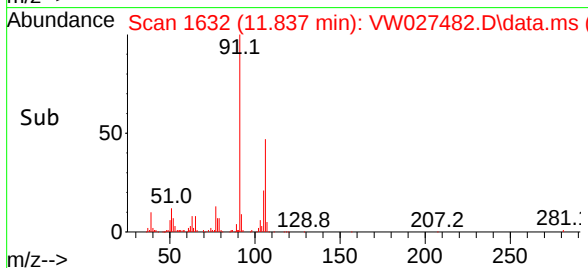
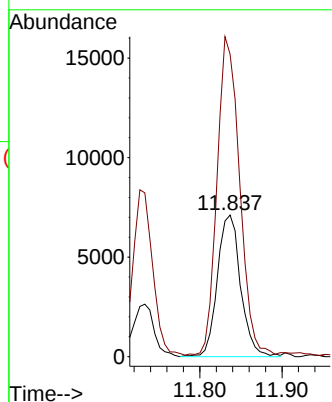
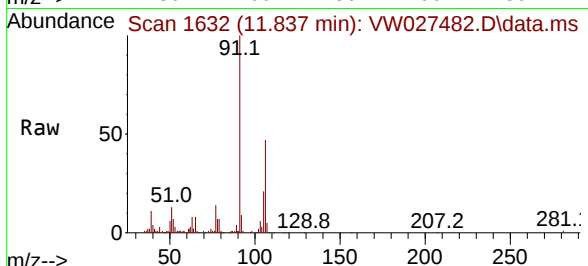
#53
m,p-Xylene
Concen: 29.551 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50

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Tgt Ion:106 Resp: 1398
Ion Ratio Lower Upper
106 100
91 213.3 144.5 268.4

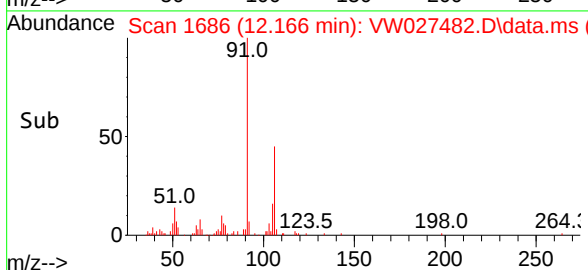
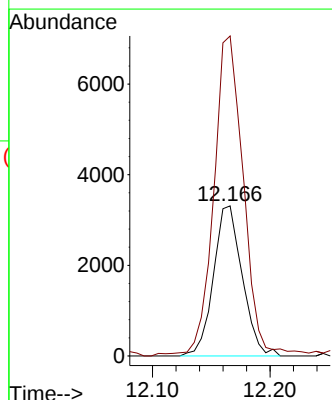
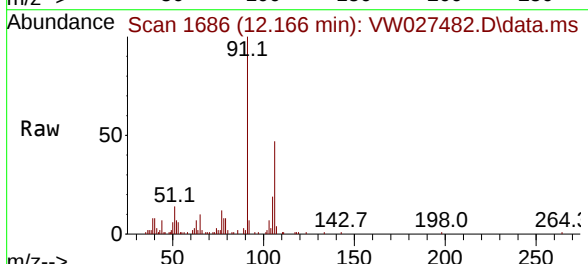
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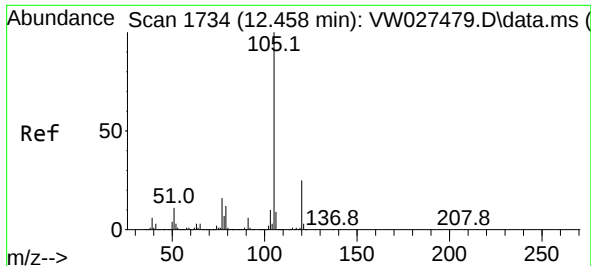
Reviewed By :Semsettin Yesilyurt 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#54
o-Xylene
Concen: 12.421 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50

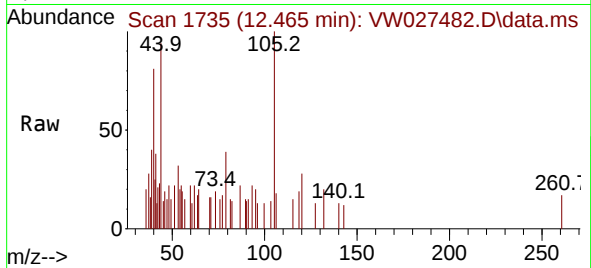
Tgt Ion:106 Resp: 5630
Ion Ratio Lower Upper
106 100
91 213.2 152.0 282.2





#60
Isopropylbenzene
Concen: 1.007 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50

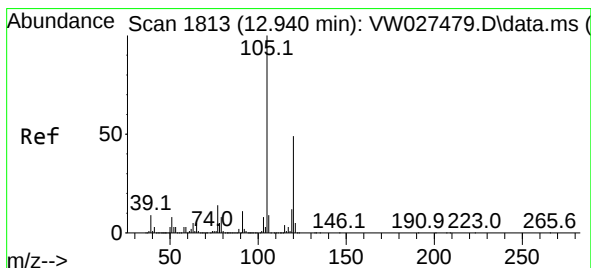
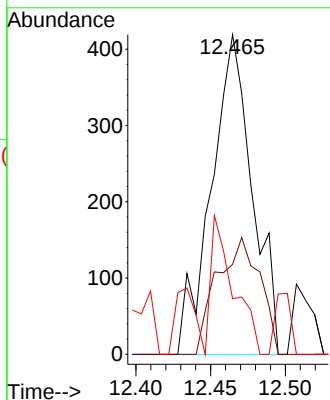
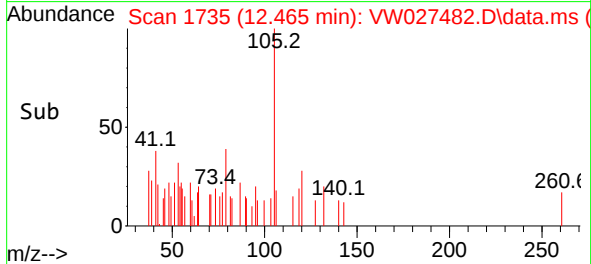
Instrument :
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ClientSampleId :
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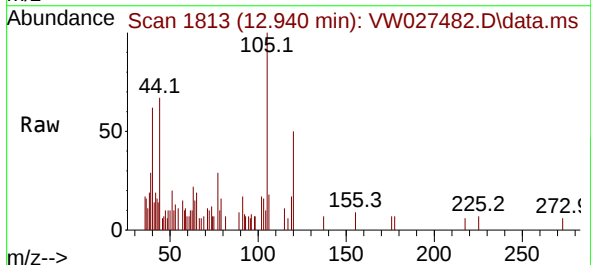
Tgt Ion:105 Resp: 800
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 0.0 12.9 19.3

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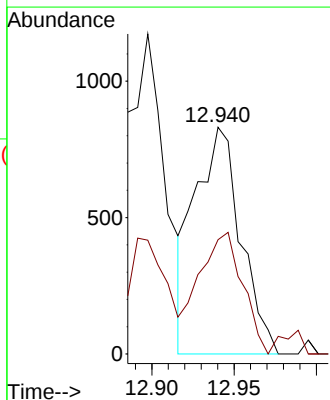
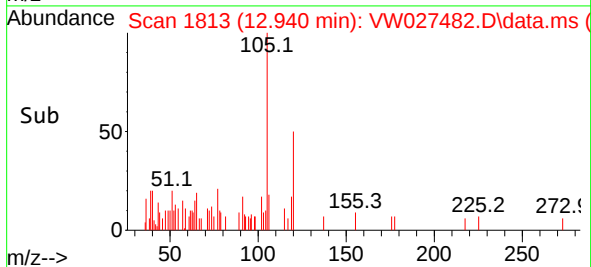
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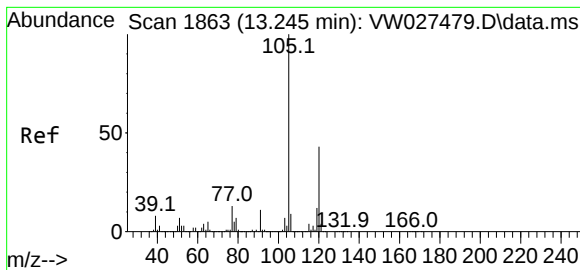


#62
1,3,5-Trimethylbenzene
Concen: 2.437 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027482.D
Acq: 31 Oct 2023 13:50



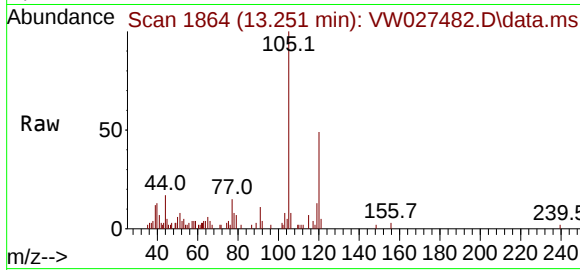
Tgt Ion:105 Resp: 1615
Ion Ratio Lower Upper
105 100
120 51.1 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 8.176 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VW027482.D
 Acq: 31 Oct 2023 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM7



Tgt Ion:105 Resp: 530
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.4 53.2

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