

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027732.D
 Acq On : 18 Dec 2023 15:55
 Operator : SY/MD
 Sample : 05794-08
 Misc : 4.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH3Q2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/19/2023
 Supervised By :Semsettin Yesilyurt 12/19/2023

Quant Time: Dec 18 22:14:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	533710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	395904	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	174720	23.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.480%		
7) Chloroethane-d5	2.899	69	144481	24.550	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.200%		
11) 1,1-Dichloroethene-d2	4.021	65	67514	22.303	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.200%		
21) 2-Butanone-d5	7.094	46	48071	37.348	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.700%		
24) Chloroform-d	7.648	84	313641	24.696	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.800%		
26) 1,2-Dichloroethane-d4	8.307	65	142775m	23.944	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.760%		
32) Benzene-d6	8.270	84	669158	28.920	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.680%		
36) 1,2-Dichloropropane-d6	9.270	67	190441	29.052	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	116.200%		
41) Toluene-d8	10.319	98	566659	26.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.600%		
43) trans-1,3-Dichloroprop...	10.575	79	55586	21.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.600%		
47) 2-Hexanone-d5	10.922	63	43700	45.746	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.500%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	110285	22.247	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.000%		
66) 1,2-Dichlorobenzene-d4	13.849	152	104930	25.269	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.080%		
Target Compounds					Qvalue	
42) Toluene	10.386	91	9855	0.399	ug/L	97
52) Ethylbenzene	11.727	91	43445	1.561	ug/L	92
53) m,p-Xylene	11.831	106	62825	5.878	ug/L	91
54) o-Xylene	12.160	106	43308	4.351	ug/L	98
60) Isopropylbenzene	12.465	105	40920m	2.499	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	278158	21.253	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	490785	38.095	ug/L	99

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

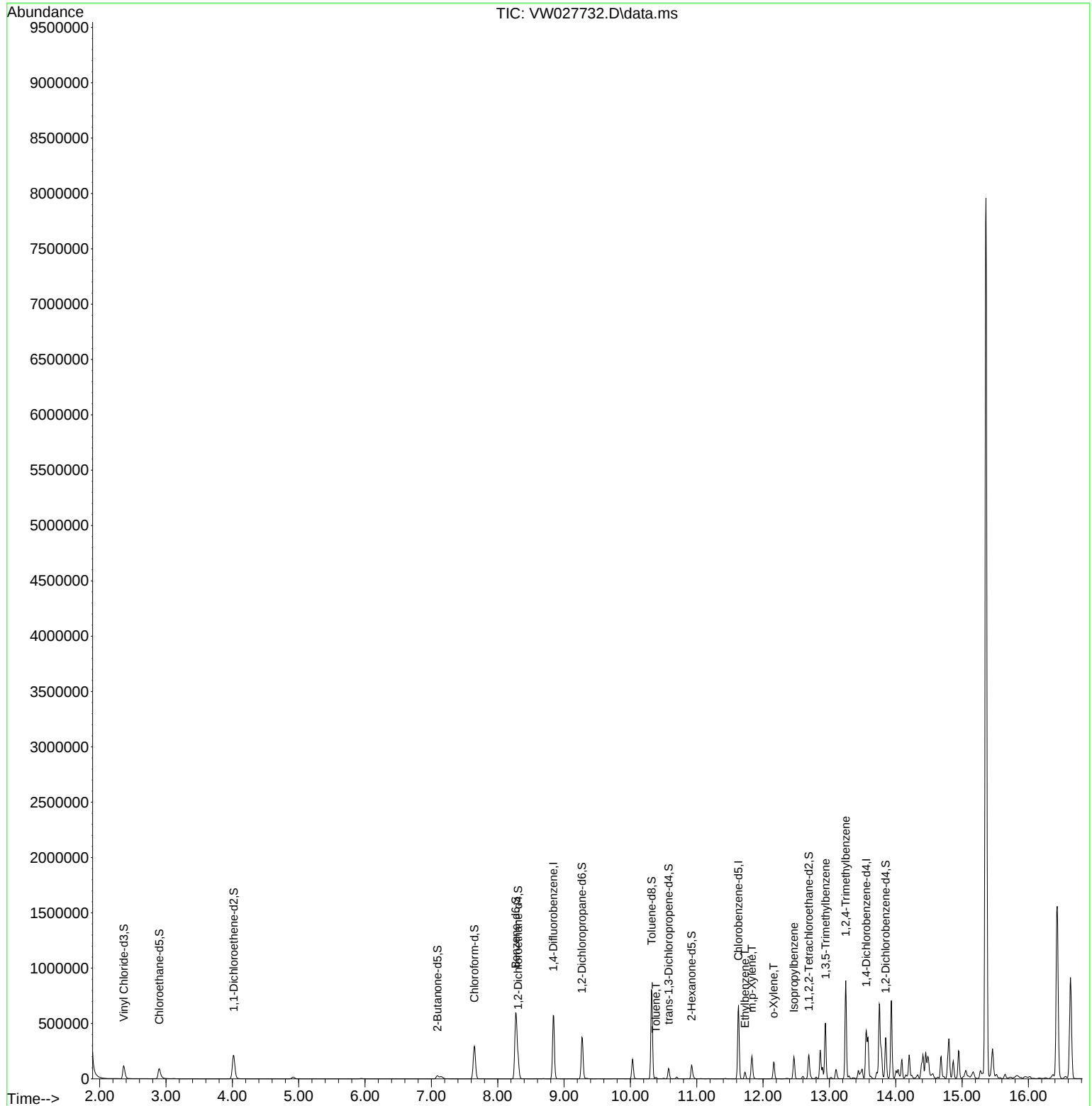
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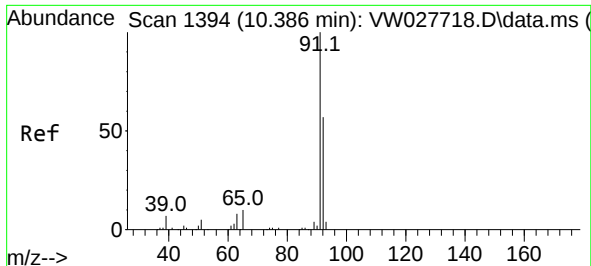
Instrument :
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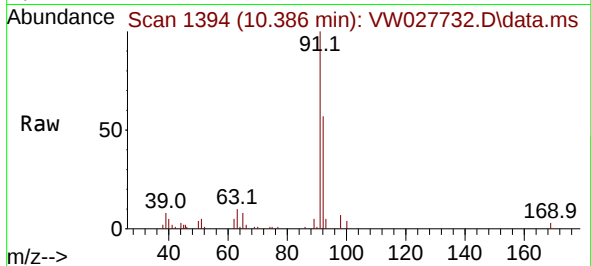
Quant Time: Dec 18 22:14:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration





#42
Toluene
Concen: 0.399 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55

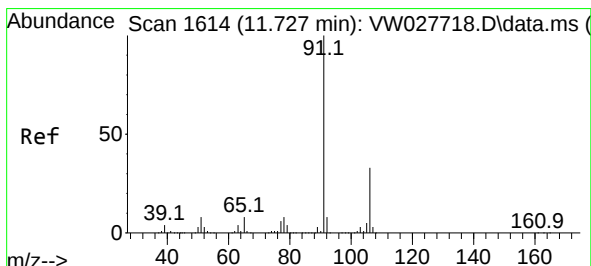
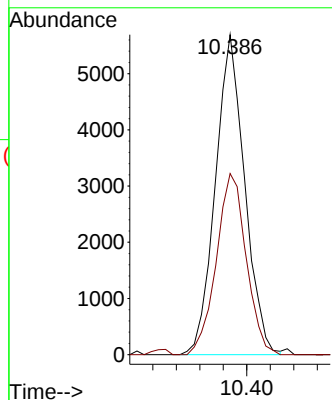
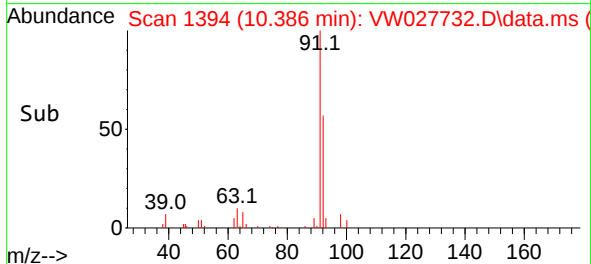
Instrument :
MSVOA_W
ClientSampleId :
BH3Q2



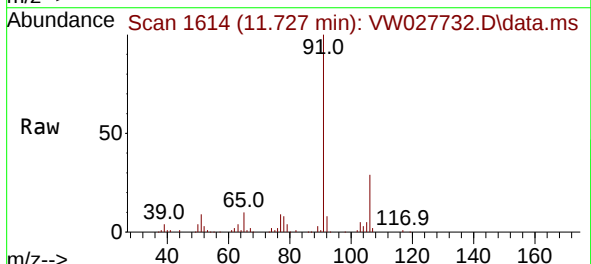
Tgt Ion: 91 Resp: 985
Ion Ratio Lower Upper
91 100
92 56.6 41.2 76.4

Manual Integrations
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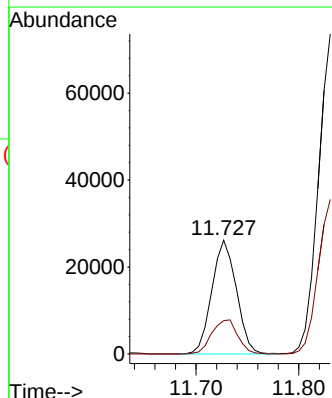
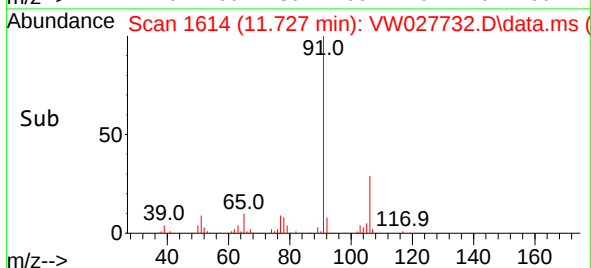
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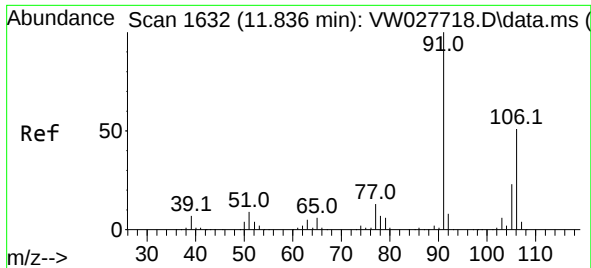


#52
Ethylbenzene
Concen: 1.561 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55



Tgt Ion: 91 Resp: 43445
Ion Ratio Lower Upper
91 100
106 29.3 23.7 44.1





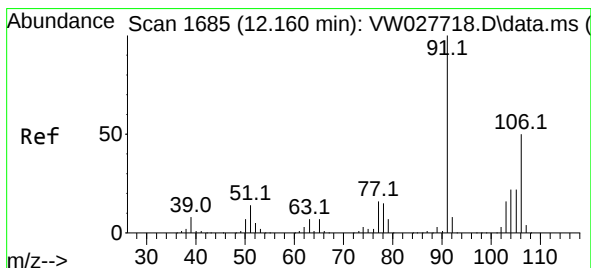
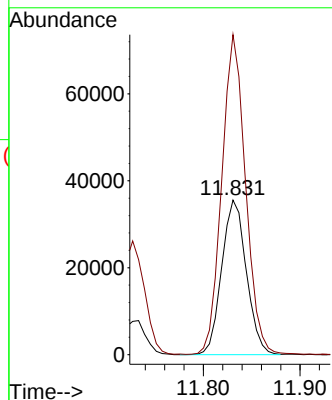
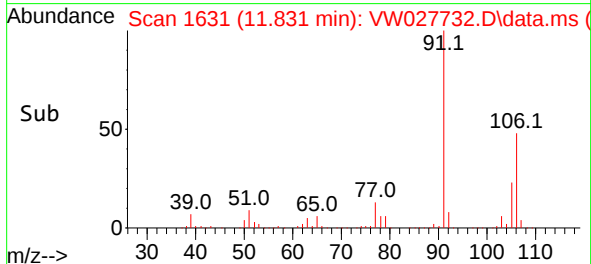
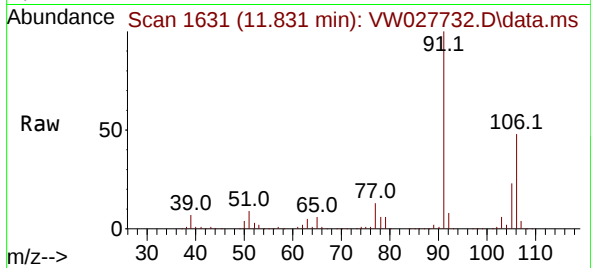
#53
m,p-Xylene
Concen: 5.878 ug/L
RT: 11.831 min Scan# 106
Delta R.T. -0.006 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:106 Resp: 6282
Ion Ratio Lower Upper
106 100
91 207.0 135.7 251.9

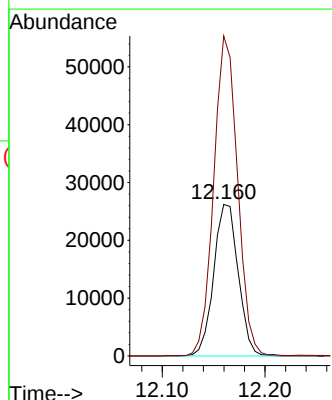
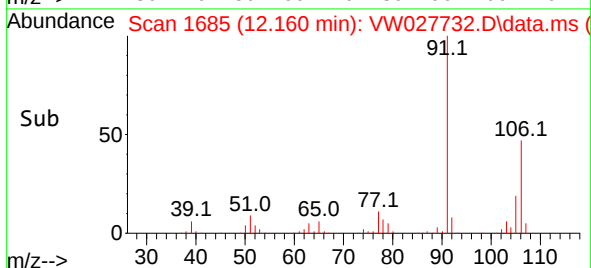
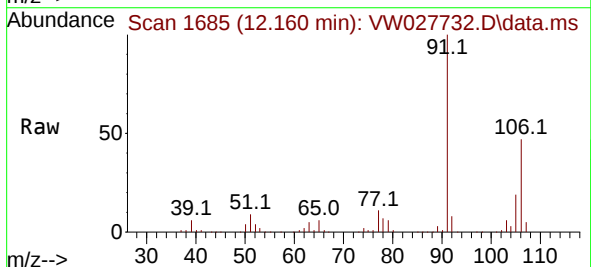
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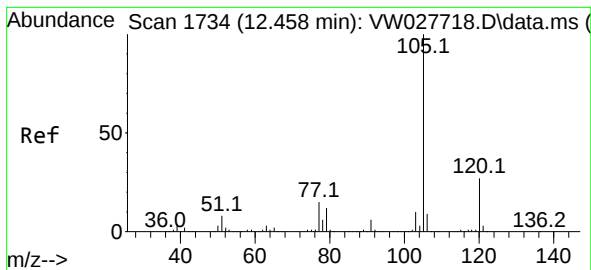
Reviewed By :Mahesh Dadoda 12/19/2023
Supervised By :Semsettin Yesilyurt 12/19/2023



#54
o-Xylene
Concen: 4.351 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55

Tgt Ion:106 Resp: 43308
Ion Ratio Lower Upper
106 100
91 211.1 149.9 278.3





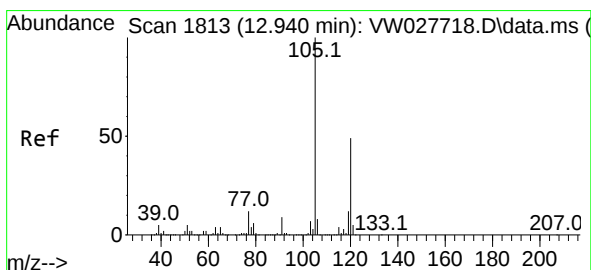
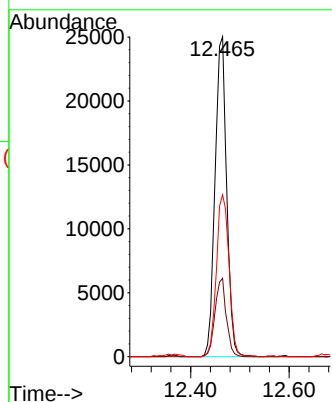
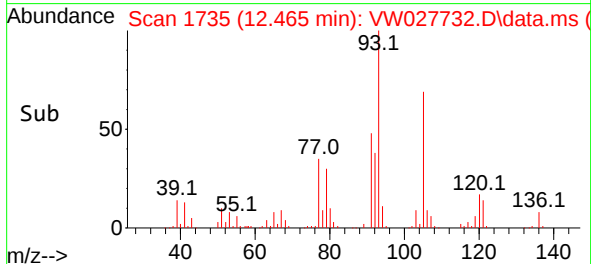
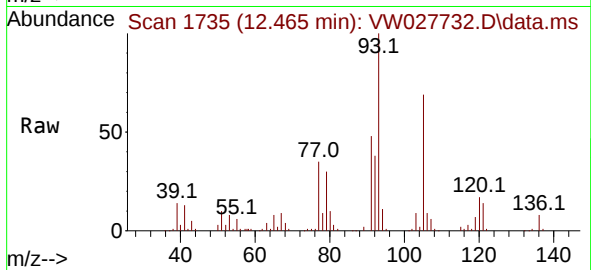
#60
Isopropylbenzene
Concen: 2.499 ug/L m
RT: 12.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55

Instrument :
MSVOA_W
ClientSampleId :
BH3Q2

Tgt Ion:105 Resp: 40920
Ion Ratio Lower Upper
105 100
120 39.2 21.0 31.4
77 16.7 12.0 18.0

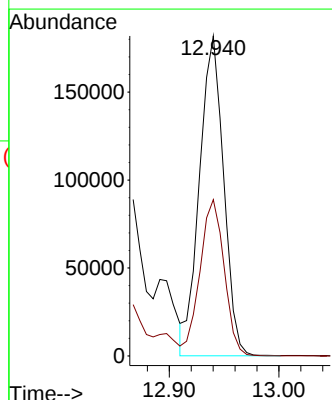
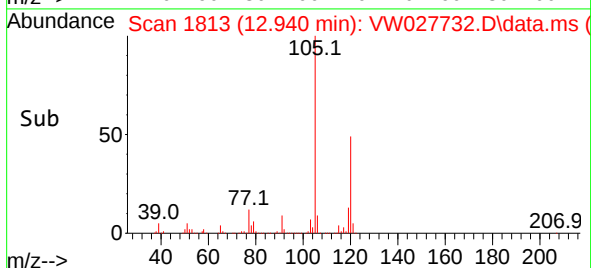
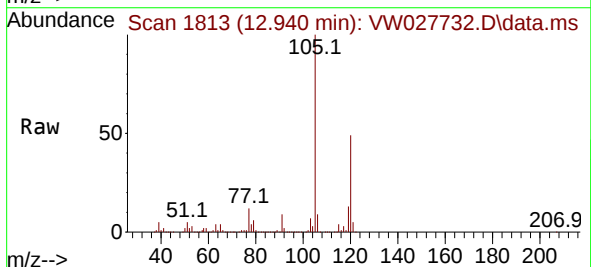
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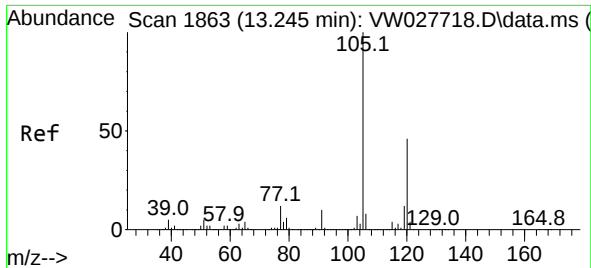
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#62
1,3,5-Trimethylbenzene
Concen: 21.253 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027732.D
Acq: 18 Dec 2023 15:55

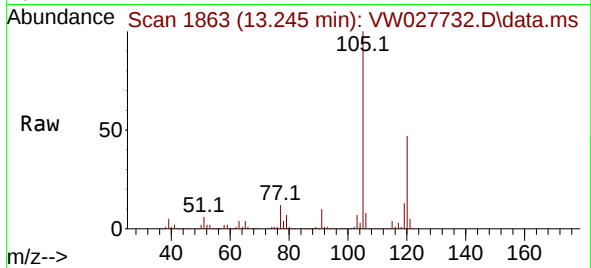
Tgt Ion:105 Resp: 278158
Ion Ratio Lower Upper
105 100
120 49.2 40.0 60.0





#63
 1,2,4-Trimethylbenzene
 Concen: 38.095 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027732.D
 Acq: 18 Dec 2023 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 BH3Q2



Tgt Ion:105 Resp: 490785
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.4 54.6

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