

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077184.D
 Acq On : 21 Sep 2023 16:47
 Operator : JC/SY
 Sample : 04527-03
 Misc : 6.28G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYH0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

Quant Time: Sep 22 01:33:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	7941	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.587	117	8706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	4695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	3532	18.051	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.200%		
7) Chloroethane-d5	2.805	69	2608	16.208	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.840%		
11) 1,1-Dichloroethene-d2	3.928	65	525	11.811	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.240%		
21) 2-Butanone-d5	6.987	46	4031	163.528	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	327.060%#		
24) Chloroform-d	7.563	84	5628	25.901	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.600%		
26) 1,2-Dichloroethane-d4	8.240	65	3978m	38.626	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	154.520%#		
32) Benzene-d6	8.204	84	10286	21.391	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.560%		
36) 1,2-Dichloropropane-d6	9.204	67	3683	26.709	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.840%		
41) Toluene-d8	10.263	98	7414	16.844	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.360%		
43) trans-1,3-Dichloroprop...	10.522	79	1399m	22.266	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.080%		
47) 2-Hexanone-d5	10.881	63	2085	94.670	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	189.340%#		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	5915	48.116	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	192.480%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	3671	24.360	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.440%		
Target Compounds						
52) Ethylbenzene	11.687	91	1127	1.838	ug/L	# 83
53) m,p-Xylene	11.792	106	2412	10.190	ug/L	72
54) o-Xylene	12.116	106	4982	21.804	ug/L	83
62) 1,3,5-Trimethylbenzene	12.904	105	6788	14.504	ug/L	91
63) 1,2,4-Trimethylbenzene	13.216	105	8945	19.508	ug/L	89

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

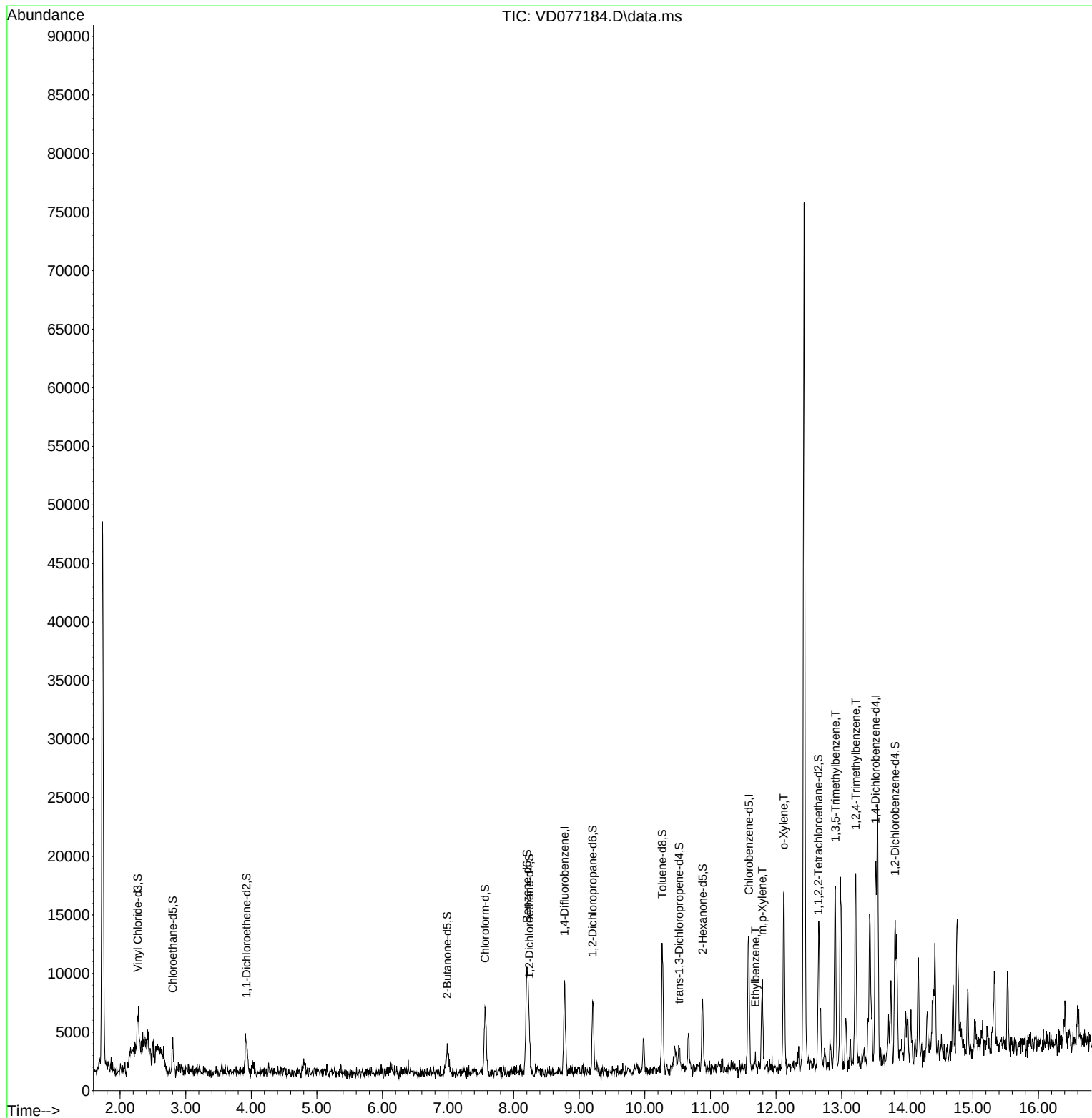
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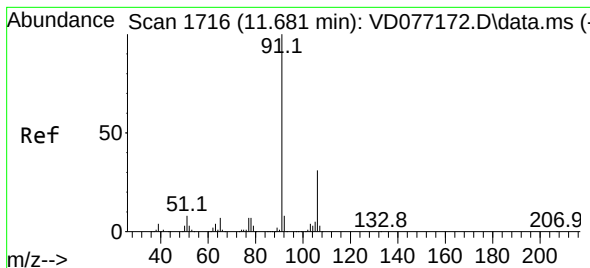
Instrument :
MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 1.838 ug/L

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077184.D

Acq: 21 Sep 2023 16:47

Instrument :

MSVOA_D

ClientSampleId :

EZYH0

Tgt Ion: 91 Resp: 112

Ion Ratio Lower Upper

91 100

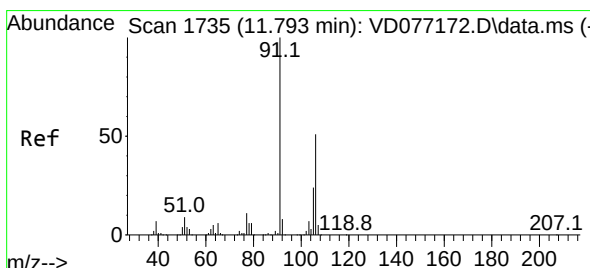
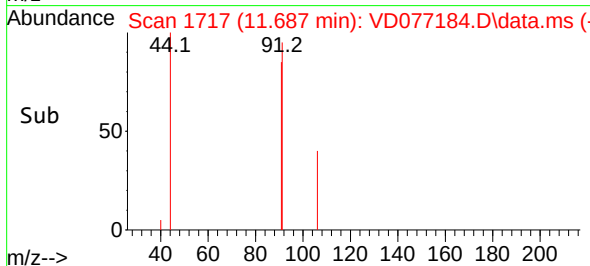
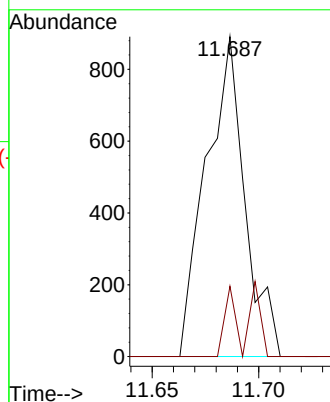
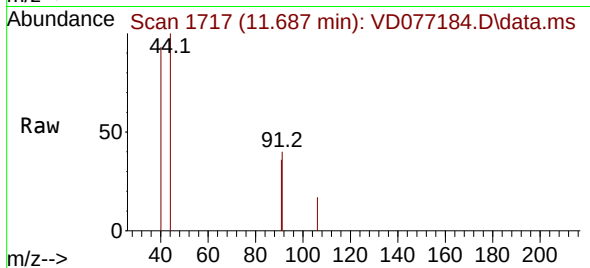
106 22.0 22.1 41.1

Manual Integrations

APPROVED

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#53

m,p-Xylene

Concen: 10.190 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD077184.D

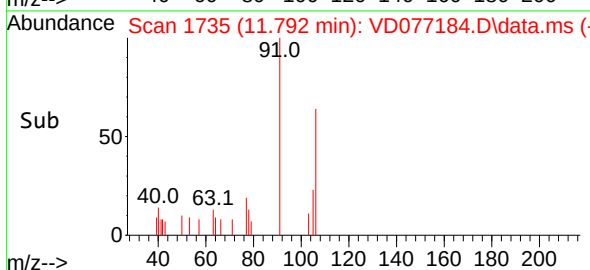
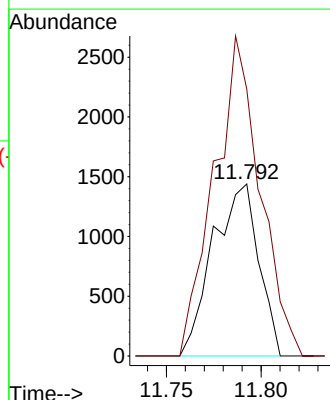
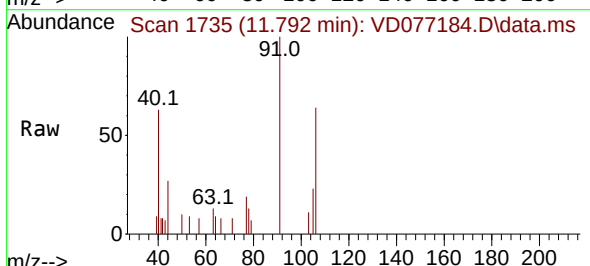
Acq: 21 Sep 2023 16:47

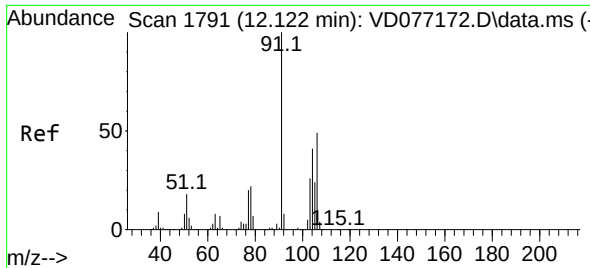
Tgt Ion:106 Resp: 2412

Ion Ratio Lower Upper

106 100

91 155.1 138.2 256.6





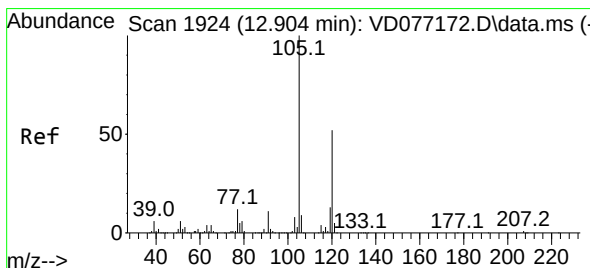
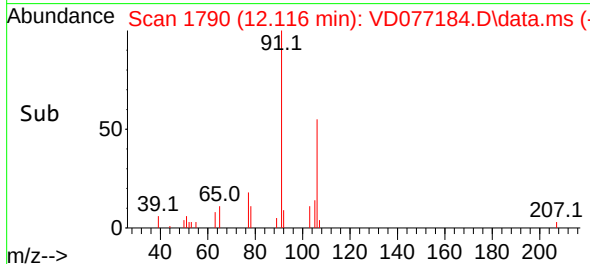
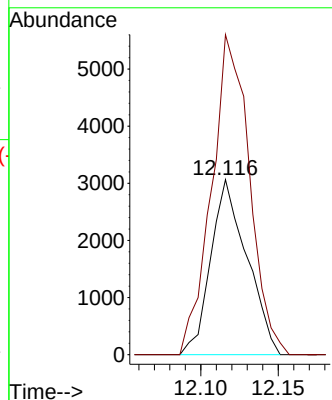
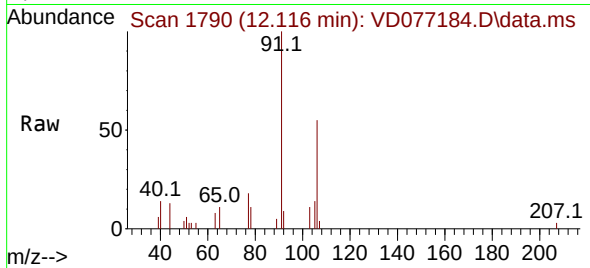
#54
o-Xylene
Concen: 21.804 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077184.D
Acq: 21 Sep 2023 16:47

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Tgt Ion:106 Resp: 498
Ion Ratio Lower Upper
106 100
91 182.8 146.9 272.7

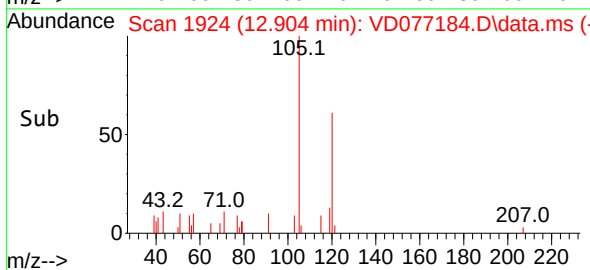
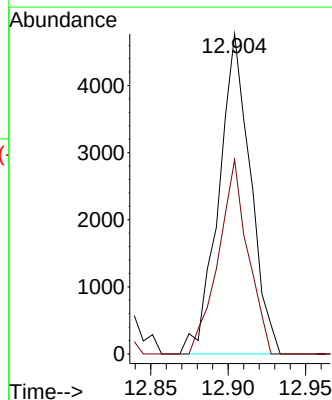
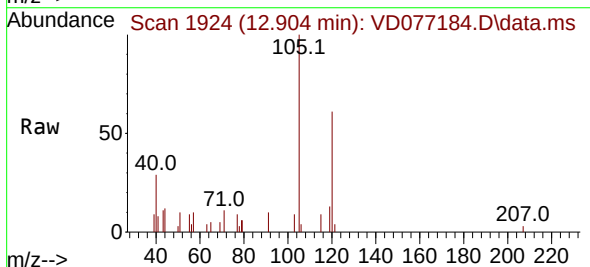
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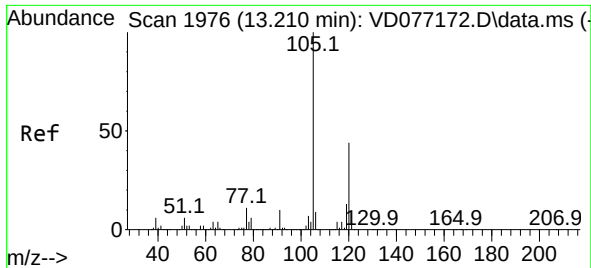
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
1,3,5-Trimethylbenzene
Concen: 14.504 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077184.D
Acq: 21 Sep 2023 16:47

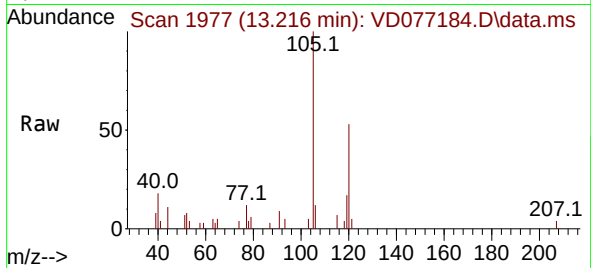
Tgt Ion:105 Resp: 6788
Ion Ratio Lower Upper
105 100
120 56.5 40.2 60.2





#63
 1,2,4-Trimethylbenzene
 Concen: 19.508 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD077184.D
 Acq: 21 Sep 2023 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYH0



Tgt Ion:105 Resp: 8945
 Ion Ratio Lower Upper
 105 100
 120 55.0 37.8 56.8

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