Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077176.D
Acq On : 21 Sep 2023 13:10
Operator : JC/SY
Sample : 04527-04
Misc : 5.25G/10.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 22 01:31:03 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

Instrument :
MSVOA_D
ClientSampleId :
EZYK5

Manual Integrations APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	276948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	251634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87908	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	201457	29.521	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.080%			
7) Chloroethane-d5	2.799	69	168100	29.955	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.800%			
11) 1,1-Dichloroethene-d2	3.911	65	43160	27.842	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.360%#			
21) 2-Butanone-d5	6.981	46	66774	77.672	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 155.340%#			
24) Chloroform-d	7.569	84	227305	29.995	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 119.960%			
26) 1,2-Dichloroethane-d4	8.228	65	120010	33.412	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.640%#			
32) Benzene-d6	8.199	84	440320	31.682	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 126.720%			
36) 1,2-Dichloropropane-d6	9.210	67	142271	35.696	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 142.800%#			
41) Toluene-d8	10.269	98	361755	28.435	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.720%			
43) trans-1,3-Dichloroprop...	10.528	79	48863	26.907	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.640%			
47) 2-Hexanone-d5	10.875	63	50822	79.837	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 159.680%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	120937	34.036	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 136.160%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	87511	31.015	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 124.040%#			
Target Compounds						Qvalue
13) Acetone	4.017	43	6516	5.284	ug/L	82
14) Carbon disulfide	4.275	76	14130	1.174	ug/L	98
16) Methylene chloride	4.811	84	18017m	3.196	ug/L	
25) Chloroform	7.599	83	4331	0.568	ug/L	84
52) Ethylbenzene	11.687	91	28275	1.596	ug/L	98
53) m,p-Xylene	11.787	106	51193	7.482	ug/L	98
54) o-Xylene	12.122	106	22479	3.404	ug/L	95

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

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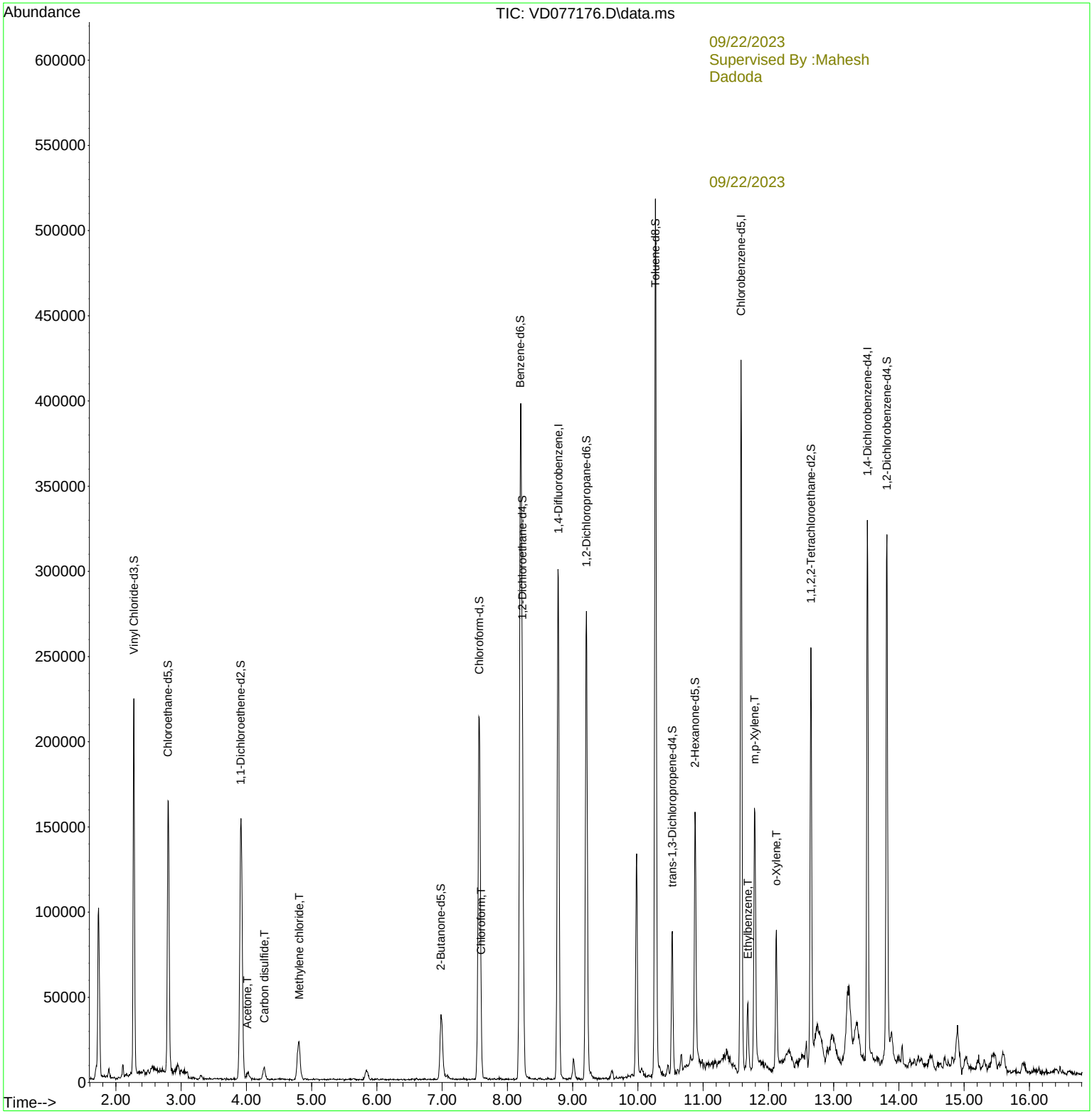

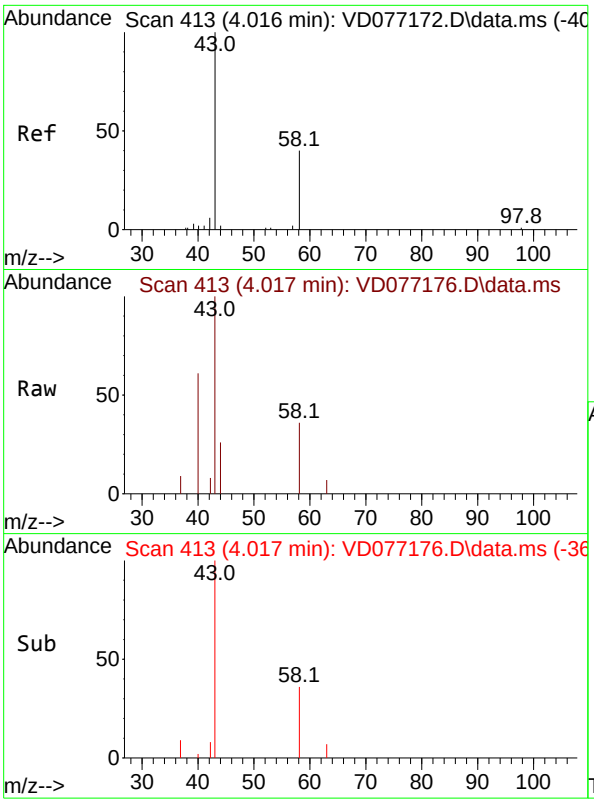

#13
Acetone
Concen: 5.284 ug/L
RT: 4.017 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 43 Resp: 651(

Ion	Ratio	Lower	Upper
43	100		
58	25.4	0.0	71.8

Instrument :
MSVOA_D
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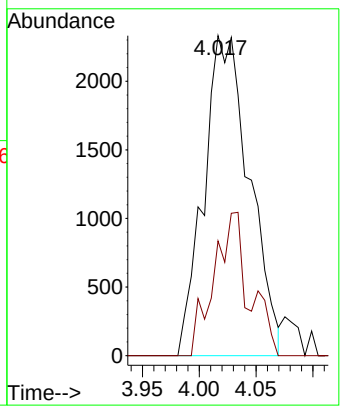

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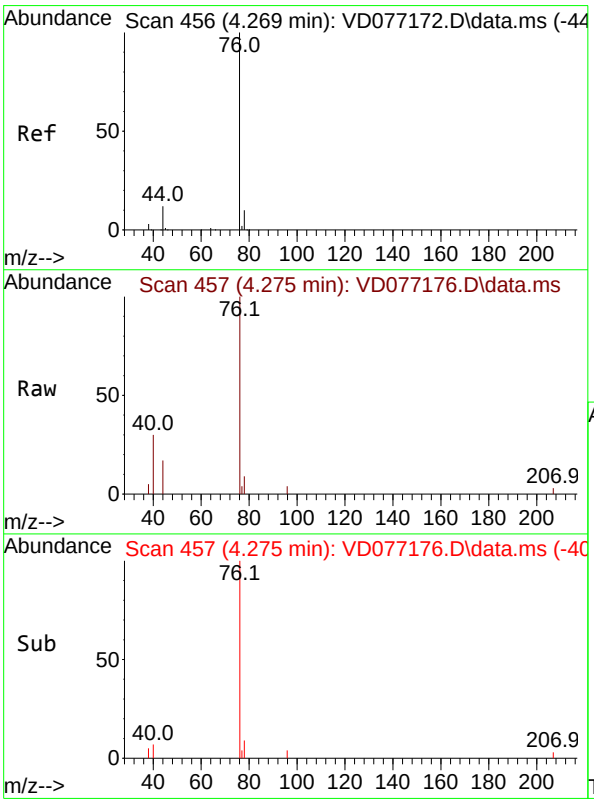
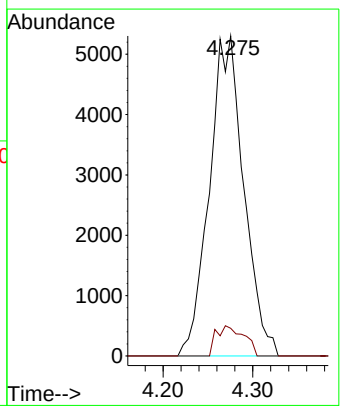
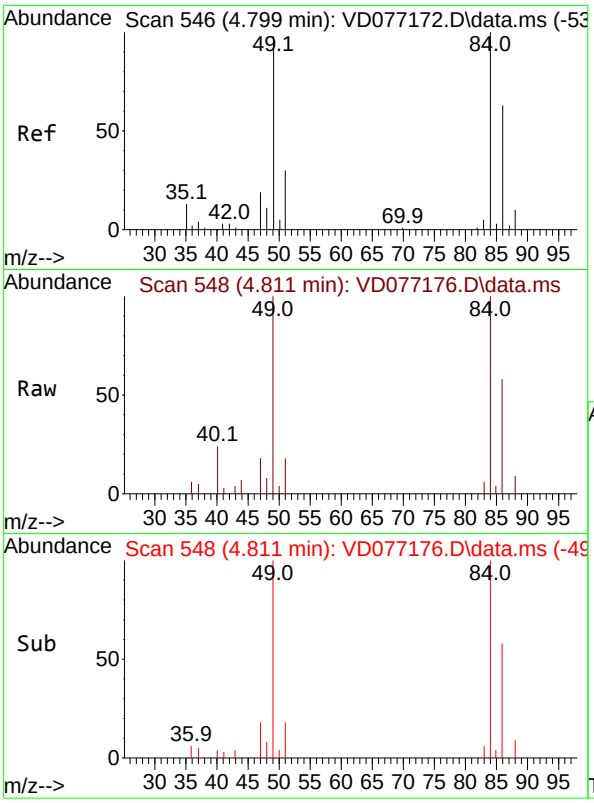


#14
Carbon disulfide
Concen: 1.174 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 76 Resp: 14130

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3





#16
Methylene chloride
Concen: 3.196 ug/L m
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 84 Resp: 1801

Ion	Ratio	Lower	Upper
84	100		
86	57.5	45.3	84.1
49	99.5	69.2	128.6

Instrument :
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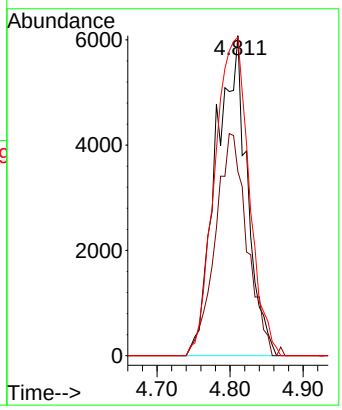

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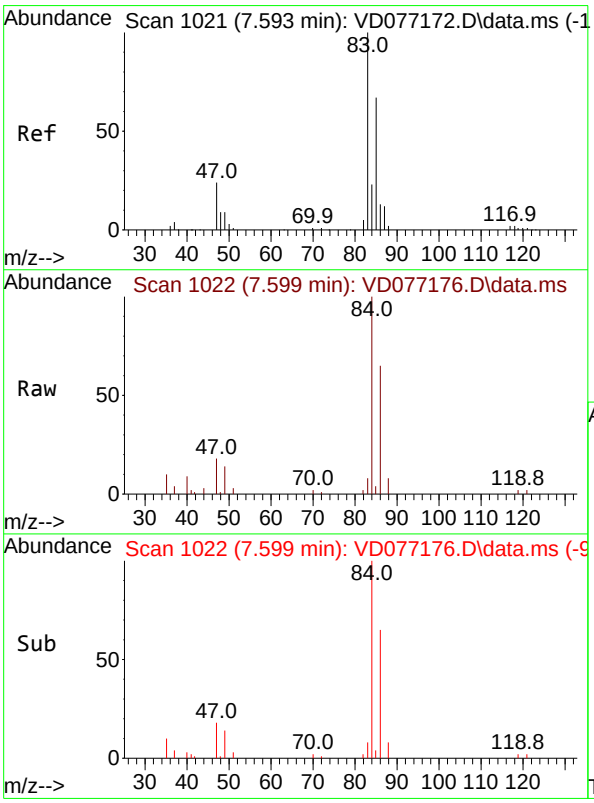
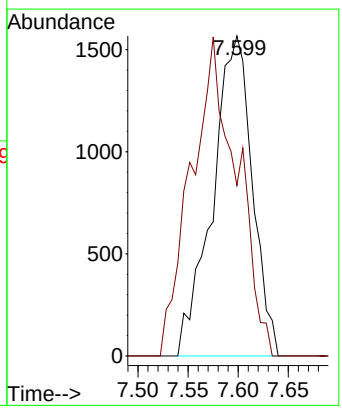
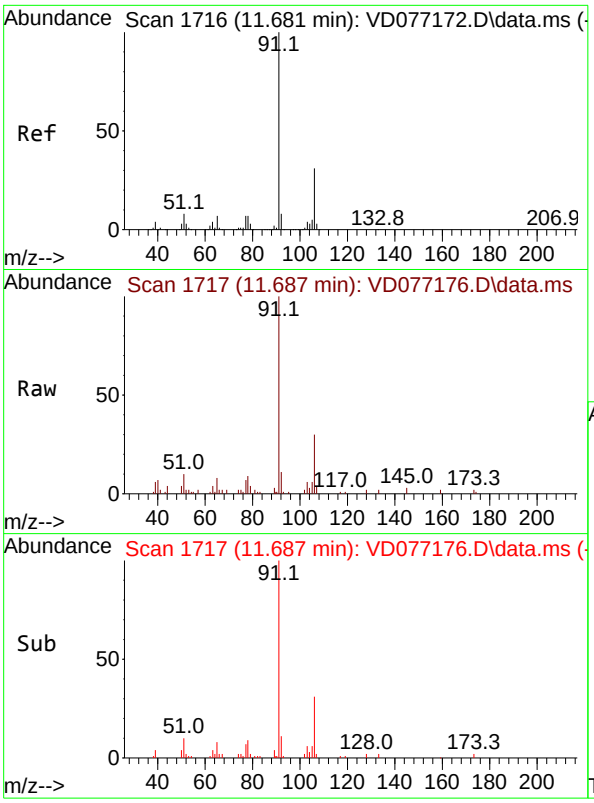


#25
Chloroform
Concen: 0.568 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 83 Resp: 4331

Ion	Ratio	Lower	Upper
83	100		
85	53.3	46.2	85.8





#52
Ethylbenzene
Concen: 1.596 ug/L
RT: 11.687 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 91 Resp: 2827

Ion	Ratio	Lower	Upper
91	100		
106	30.2	22.1	41.1

Instrument :
MSVOA_D
ClientSampleId :
EZYK5

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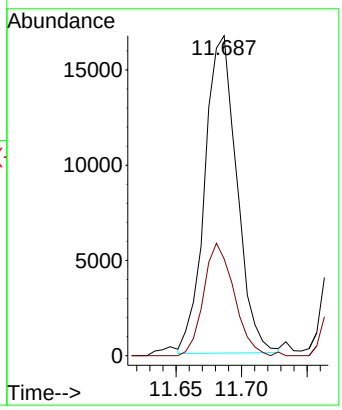

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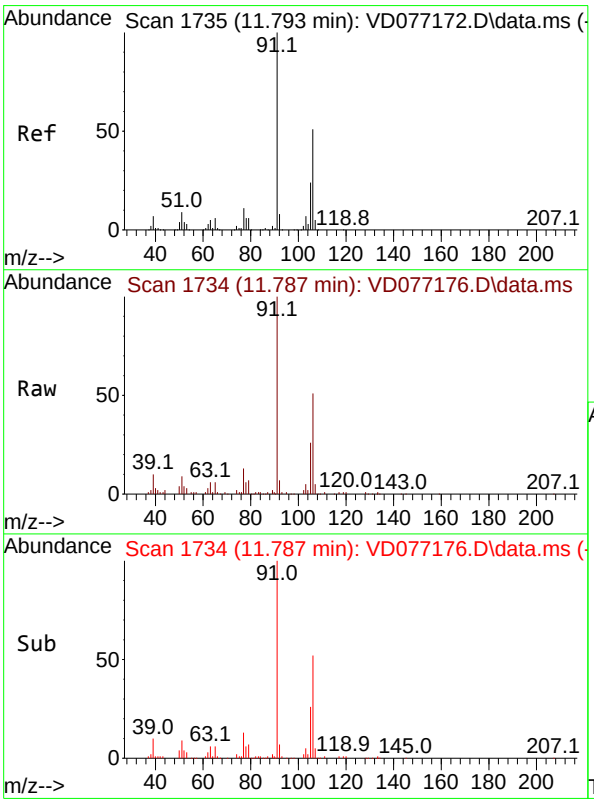
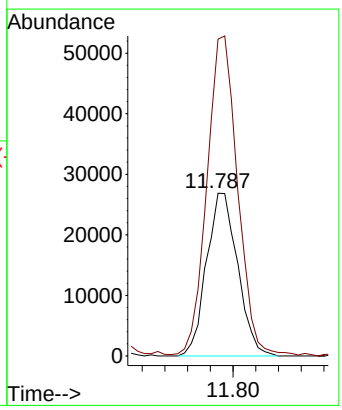
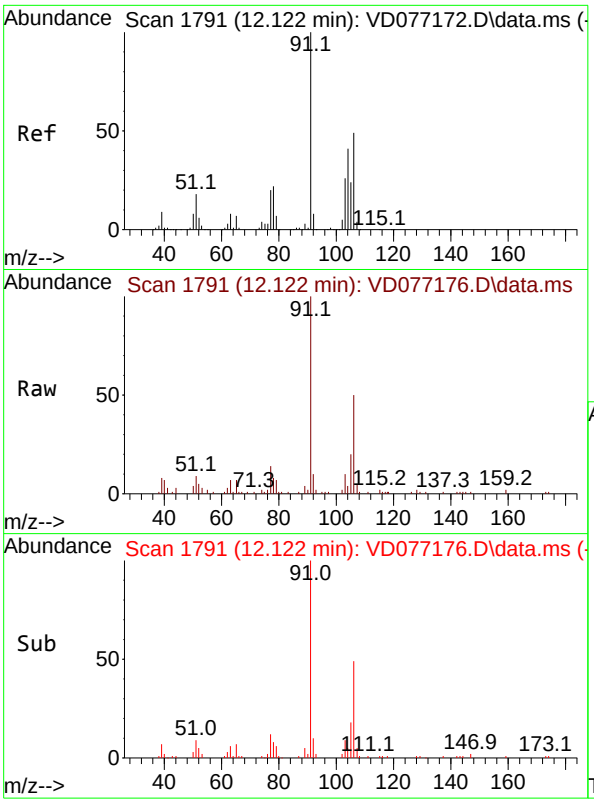


#53
m,p-Xylene
Concen: 7.482 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion:106 Resp: 51193

Ion	Ratio	Lower	Upper
106	100		
91	194.7	138.2	256.6

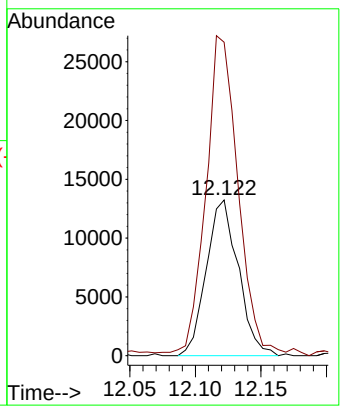




#54
o-Xylene
Concen: 3.404 ug/L
RT: 12.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion:106 Resp: 2247

Ion	Ratio	Lower	Upper
106	100		
91	201.3	146.9	272.7



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