Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051147.D
Acq On : 05 Oct 2022 23:53
Operator : JC/MD
Sample : N4890-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0E3

Quant Time: Oct 06 06:32:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	486523	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	469561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159324	32.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.620%			
7) Chloroethane-d5	1.896	69	150073	32.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.540%#			
11) 1,1-Dichloroethene-d2	2.559	63	214589	29.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.920%#			
21) 2-Butanone-d5	4.620	46	292855	91.576	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.580%			
24) Chloroform-d	5.060	84	336754	42.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.780%			
26) 1,2-Dichloroethane-d4	5.700	65	219893	44.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.440%			
32) Benzene-d6	5.726	84	709935	51.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.260%			
36) 1,2-Dichloropropane-d6	6.687	67	240489	53.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.800%			
41) Toluene-d8	7.896	98	592396	46.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.260%			
43) trans-1,3-Dichloroprop...	8.179	79	94706	44.500	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.000%			
47) 2-Hexanone-d5	8.632	63	170733	94.765	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.760%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	356643	45.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.460%			
66) 1,2-Dichlorobenzene-d4	12.192	152	200560	50.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.220%			
Target Compounds						Qvalue
13) Acetone	2.626	43	40890	16.012	ug/L	98
35) Methylcyclohexane	6.758	83	4603	0.912	ug/L #	78
42) Toluene	7.967	91	5326116	349.786	ug/L	100
52) Ethylbenzene	9.568	91	111536	6.867	ug/L	100
53) m,p-Xylene	9.690	106	135633	22.207	ug/L	98
54) o-Xylene	10.099	106	25634	4.199	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	11198	1.134	ug/L	96

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

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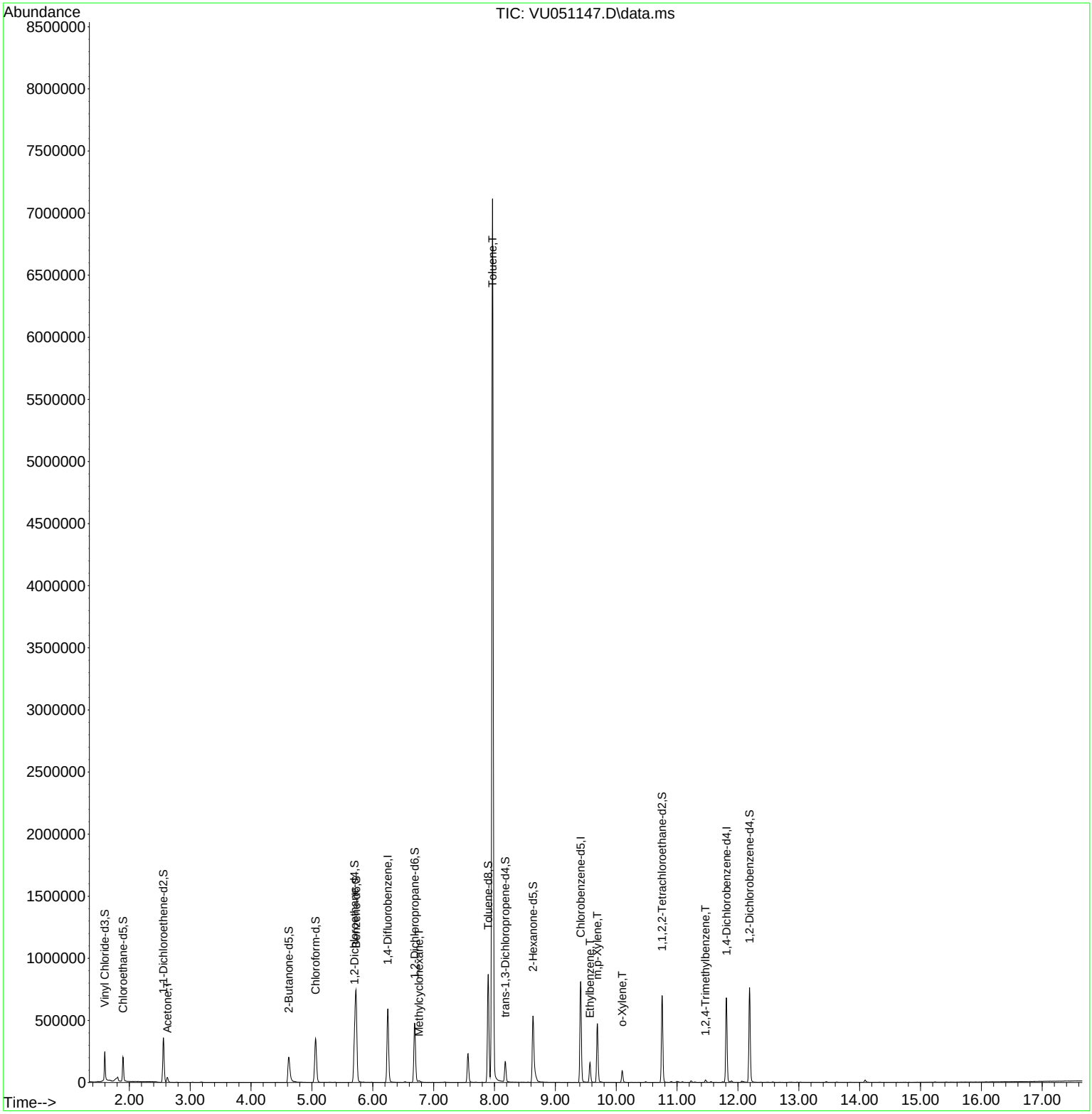
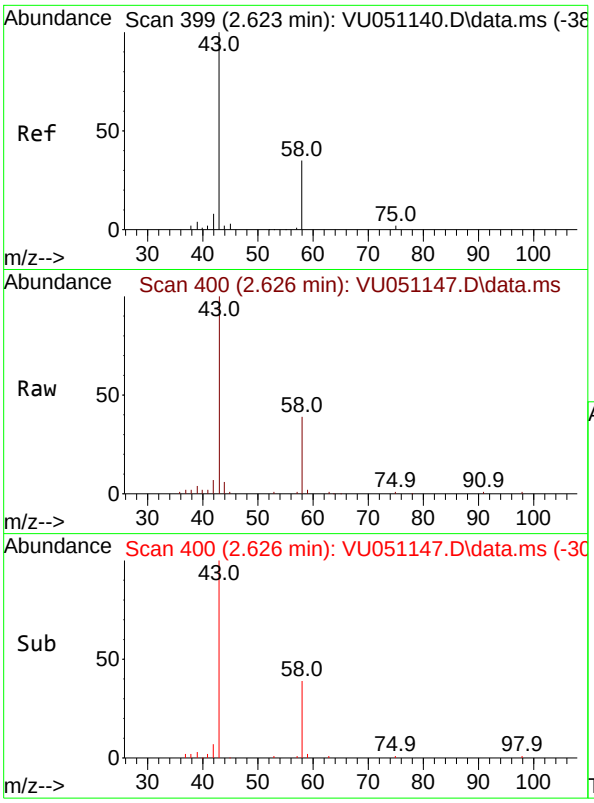


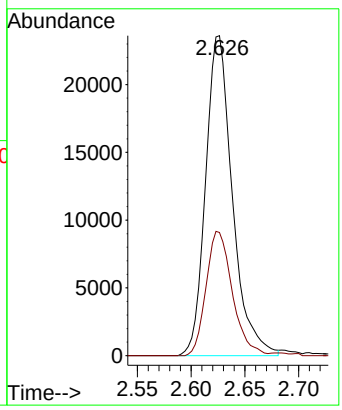


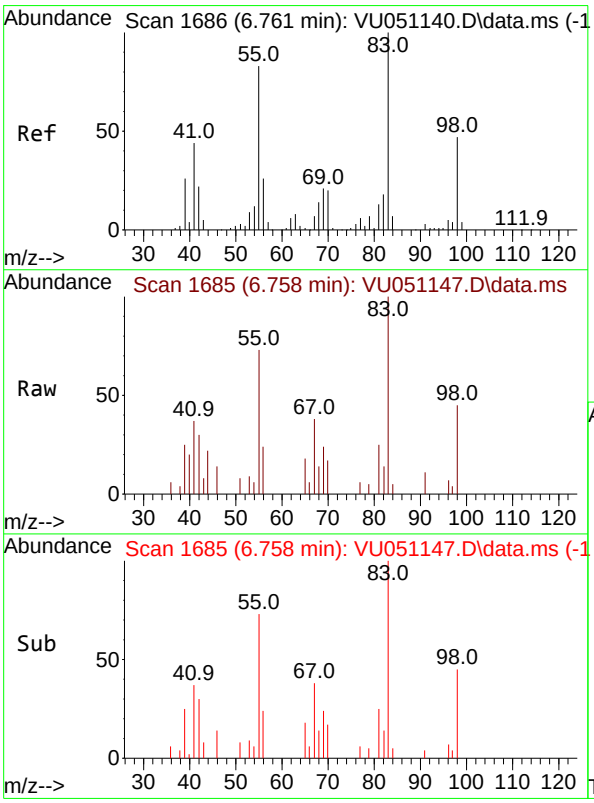
#13
Acetone
Concen: 16.012 ug/L
RT: 2.626 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
EY0E3

Tgt Ion: 43 Resp: 40890

Ion	Ratio	Lower	Upper
43	100		
58	38.1	0.0	73.6

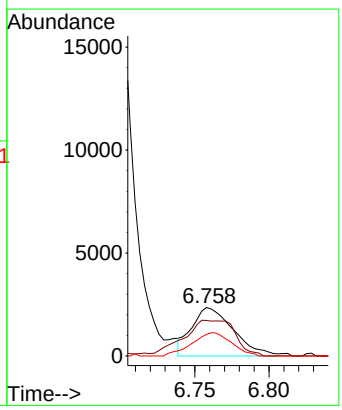


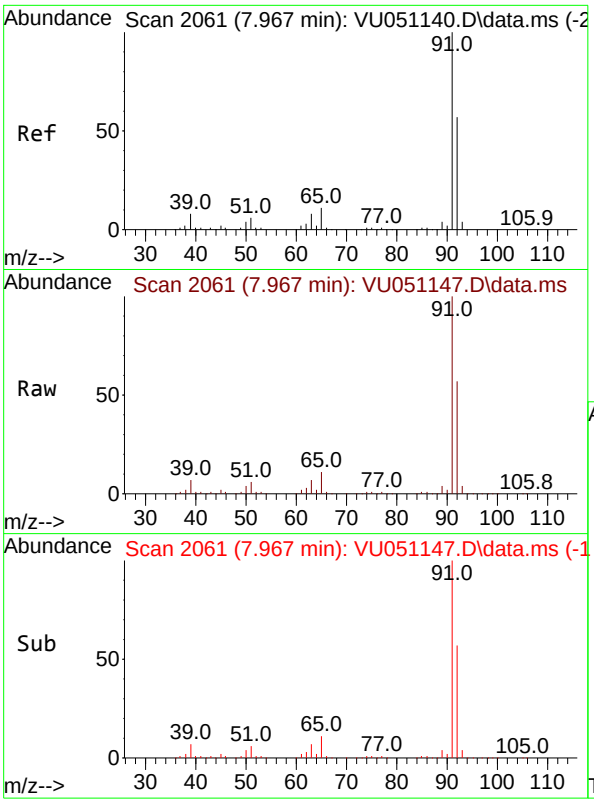


#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Tgt Ion: 83 Resp: 4603

Ion	Ratio	Lower	Upper
83	100		
55	45.1	59.3	88.9#
98	45.3	36.0	54.0



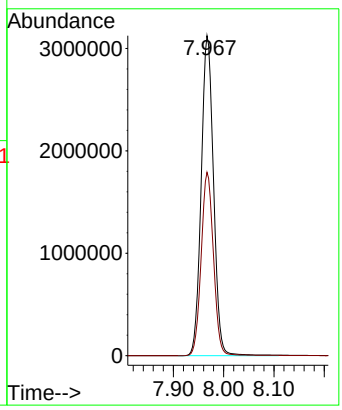


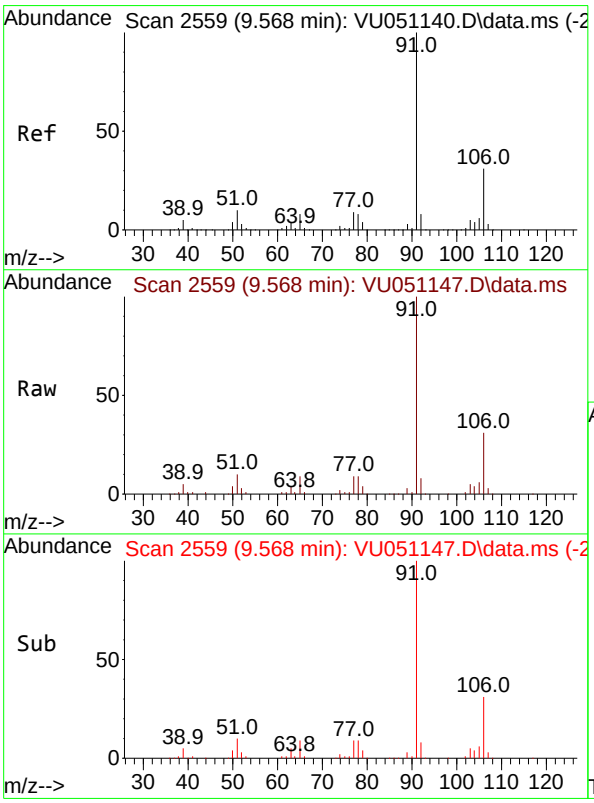
#42
Toluene
Concen: 349.786 ug/L
RT: 7.967 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
EY0E3

Tgt Ion: 91 Resp: 5326116

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.1	74.5

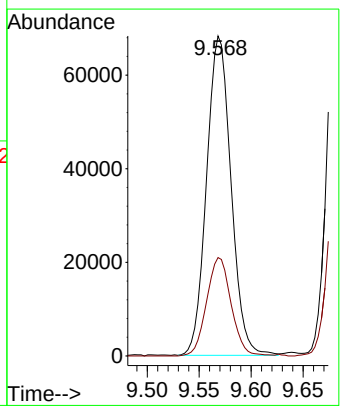


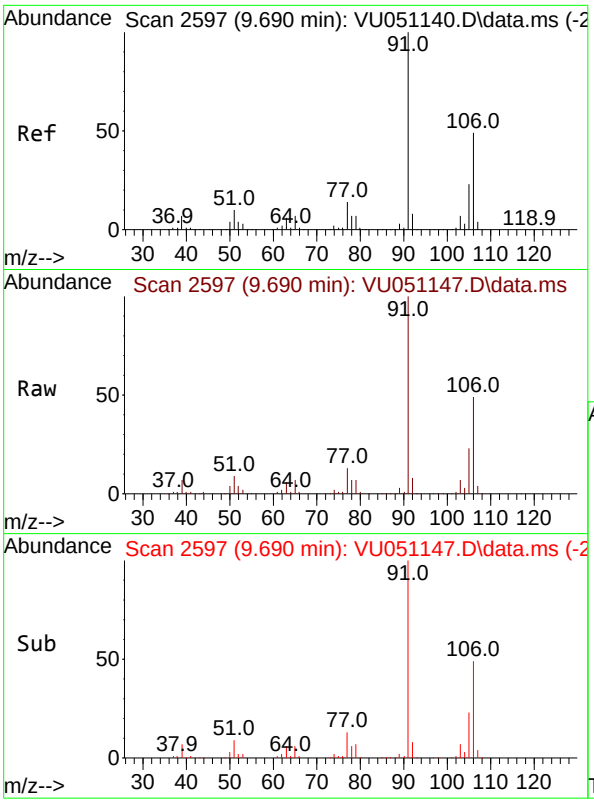


#52
Ethylbenzene
Concen: 6.867 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Tgt Ion: 91 Resp: 111536

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.7	40.3



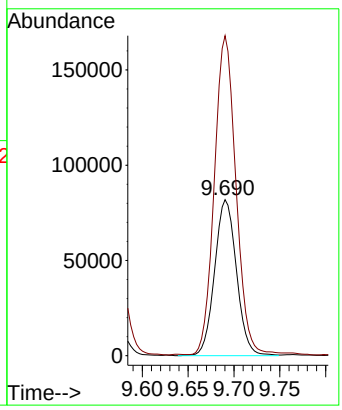


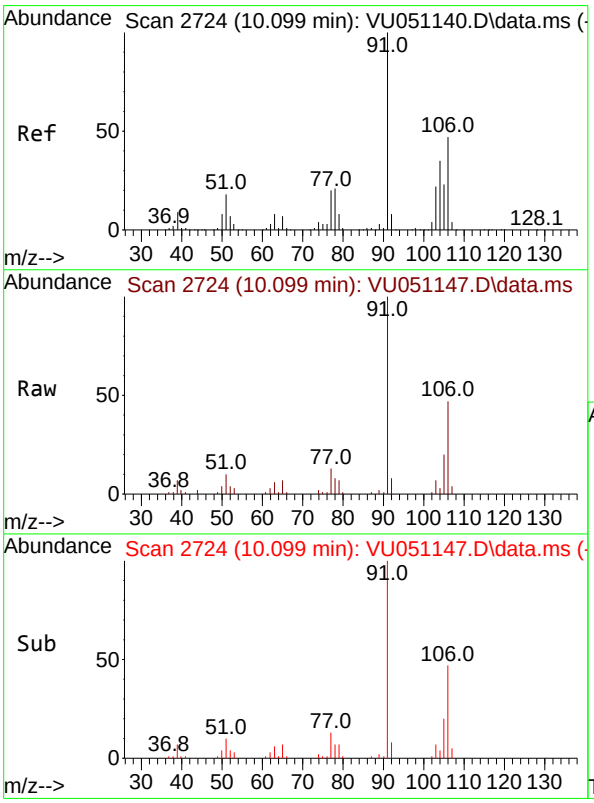
#53
m,p-Xylene
Concen: 22.207 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
EY0E3

Tgt Ion:106 Resp: 135633

Ion	Ratio	Lower	Upper
106	100		
91	205.2	141.9	263.5

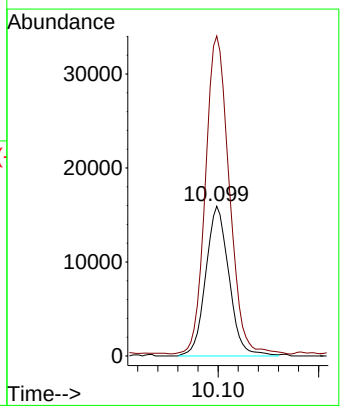


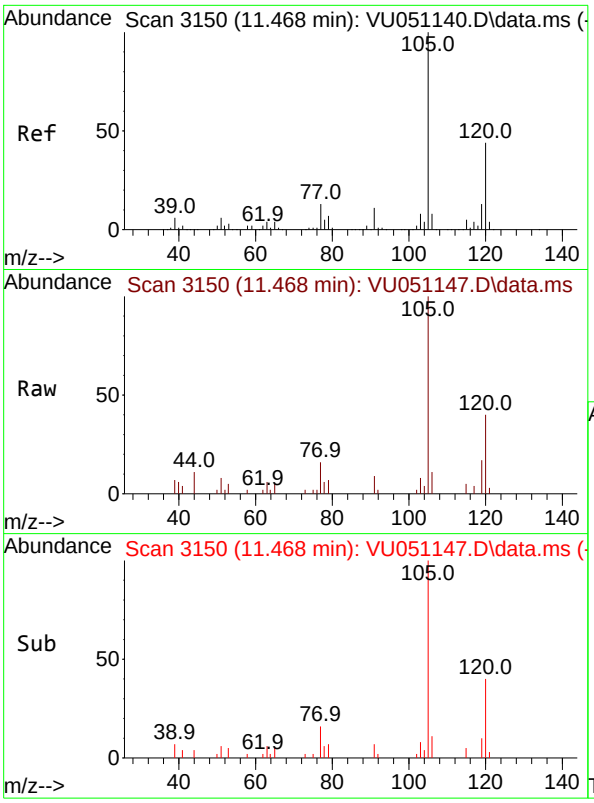


#54
o-Xylene
Concen: 4.199 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Tgt Ion:106 Resp: 25634

Ion	Ratio	Lower	Upper
106	100		
91	213.7	152.4	283.0





#63
1,2,4-Trimethylbenzene
Concen: 1.134 ug/L
RT: 11.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
EY0E3

Tgt Ion:105 Resp: 11198

Ion	Ratio	Lower	Upper
105	100		
120	41.7	35.5	53.3